

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053009.D
 Acq On : 19 Dec 2018 14:23
 Operator : MD\SY
 Sample : VN1219MBS01
 Misc : 5.00uL/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01

Quant Time: Dec 20 05:19:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1064289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1643177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1449373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	657531	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	593064	54.91	ug/l	0.00
Spiked Amount			Recovery	=	109.82%	
35) Dibromofluoromethane	7.59	113	449825	59.93	ug/l	0.00
Spiked Amount			Recovery	=	119.86%	
50) Toluene-d8	10.09	98	2148922	53.33	ug/l	0.00
Spiked Amount			Recovery	=	106.66%	
62) 4-Bromofluorobenzene	12.40	95	732166	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	209255	19.427	ug/l	100
3) Chloromethane	2.06	50	259267	19.863	ug/l	100
4) Vinyl Chloride	2.19	62	263258	19.915	ug/l	99
5) Bromomethane	2.58	94	167276	18.264	ug/l	100
6) Chloroethane	2.71	64	154813	19.774	ug/l	97
7) Trichlorofluoromethane	3.03	101	327330	19.877	ug/l	97
8) Diethyl Ether	3.42	74	126998	20.442	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	204693	19.495	ug/l	98
10) Methyl Iodide	3.96	142	288641	19.575	ug/l	98
11) Tert butyl alcohol	4.78	59	67790	102.867	ug/l	98
12) 1,1-Dichloroethene	3.74	96	200180	19.734	ug/l	98
13) Acrolein	3.61	56	72946	122.076	ug/l	97
14) Allyl chloride	4.33	41	325127	20.692	ug/l	96
15) Acrylonitrile	4.99	53	372145	101.648	ug/l	99
16) Acetone	3.82	43	233156	110.102	ug/l	97
17) Carbon Disulfide	4.06	76	576546	17.428	ug/l	100
18) Methyl Acetate	4.33	43	188830	20.249	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	559354	20.605	ug/l	100
20) Methylene Chloride	4.55	84	229727	19.887	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	215643	19.786	ug/l	97
22) Diisopropyl ether	5.95	45	696803	20.776	ug/l	99
23) Vinyl Acetate	5.90	43	2025255	105.011	ug/l	99
24) 1,1-Dichloroethane	5.85	63	405047	20.324	ug/l	99
25) 2-Butanone	6.83	43	389893	109.708	ug/l	96
26) 2,2-Dichloropropane	6.83	77	269958	17.744	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	248113	20.108	ug/l	98
28) Bromochloromethane	7.19	49	190383	22.045	ug/l	96
29) Tetrahydrofuran	7.21	42	280621	105.723	ug/l	99
30) Chloroform	7.37	83	396353	20.245	ug/l	99
31) Cyclohexane	7.66	56	384064	19.915	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	327081	19.611	ug/l	100
36) 1,1-Dichloropropene	7.79	75	303748	19.259	ug/l	100
37) Ethyl Acetate	6.93	43	189792	21.556	ug/l	98
38) Carbon Tetrachloride	7.77	117	279054	19.303	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	357077	18.637	ug/l	100
40) Benzene	8.04	78	935444	19.940	ug/l	100
41) Methacrylonitrile	7.17	41	100786	19.812	ug/l	98
42) 1,2-Dichloroethane	8.12	62	277636	20.033	ug/l	99
43) Isopropyl Acetate	8.16	43	355802	20.261	ug/l	99
44) Trichloroethene	8.83	130	263318	19.406	ug/l	98
45) 1,2-Dichloropropane	9.12	63	248039	20.299	ug/l	100
46) Dibromomethane	9.21	93	141932	19.939	ug/l	99
47) Bromodichloromethane	9.40	83	293996	19.430	ug/l	98
48) Methyl methacrylate	9.20	41	173474	20.304	ug/l	99
49) 1,4-Dioxane	9.20	88	43283	400.497	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	907819	106.471	ug/l	99
52) Toluene	10.16	92	575206	19.782	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	291211	18.302	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	350697	19.202	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	204245	20.134	ug/l	97
56) Ethyl methacrylate	10.43	69	269614	20.080	ug/l	97
57) 1,3-Dichloropropane	10.71	76	354338	20.369	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	781624	106.036	ug/l	99
59) 2-Hexanone	10.75	43	601624	104.288	ug/l	99
60) Dibromochloromethane	10.90	129	221756	19.097	ug/l	99
61) 1,2-Dibromoethane	11.01	107	203691	19.771	ug/l	100
64) Tetrachloroethene	10.63	164	299270	19.062	ug/l	99
65) Chlorobenzene	11.43	112	627880	19.543	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	215739	19.310	ug/l	99
67) Ethyl Benzene	11.51	91	1078304	19.516	ug/l	100
68) m/p-Xylenes	11.62	106	822585	39.162	ug/l	100
69) o-Xylene	11.95	106	399857	19.838	ug/l	100
70) Styrene	11.96	104	646229	19.663	ug/l	99
71) Bromoform	12.13	173	146894	18.200	ug/l	100
73) Isopropylbenzene	12.25	105	1054701	20.501	ug/l	100
74) N-amyl acetate	12.07	43	296570	20.763	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	218831	21.682	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	298873	27.001	ug/l #	100
77) Bromobenzene	12.53	156	274613	20.535	ug/l	97
78) n-propylbenzene	12.59	91	1176871	20.086	ug/l	99
79) 2-Chlorotoluene	12.67	91	706139	19.443	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	838487	19.996	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	62695	18.256	ug/l	97
82) 4-Chlorotoluene	12.77	91	704537	19.817	ug/l	99
83) tert-Butylbenzene	12.99	119	746170	20.120	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	848222	20.122	ug/l	100
85) sec-Butylbenzene	13.17	105	971981	19.377	ug/l	100
86) p-Isopropyltoluene	13.29	119	842359	19.434	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	462508	19.541	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	451734	18.847	ug/l	99
89) n-Butylbenzene	13.62	91	670167	17.972	ug/l	99
90) Hexachloroethane	13.88	117	118233	17.775	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	437630	19.646	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33641	19.277	ug/l	98

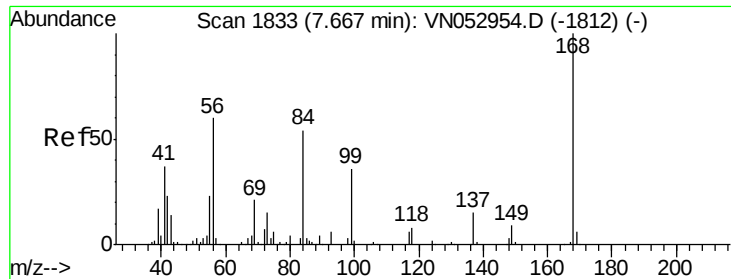
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	213249	18.450	ug/l	100
94) Hexachlorobutadiene	15.01	225	126861	18.979	ug/l	98
95) Naphthalene	15.13	128	465526	18.741	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	196444	18.804	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

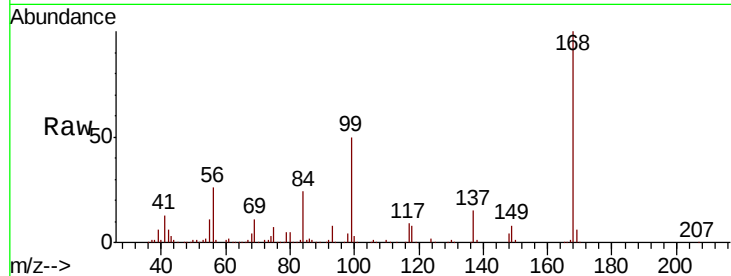
VN1219MBS01

Tot Ion:168 Resp: 1064289

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

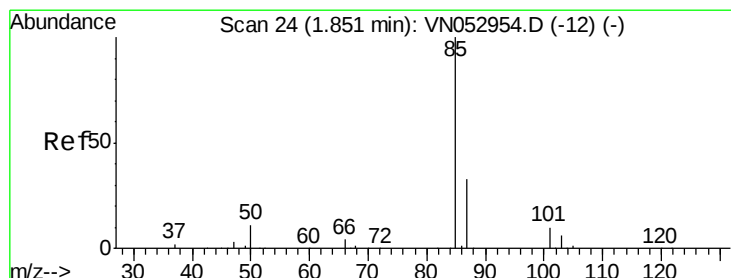
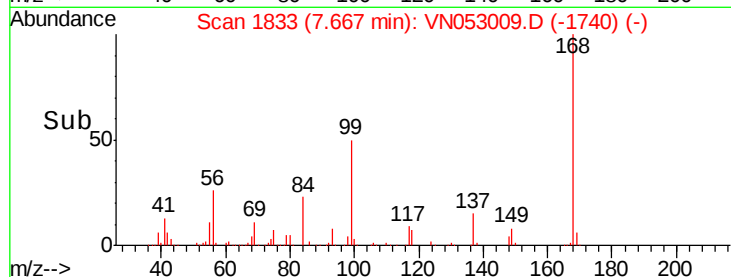
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.427 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053009.D

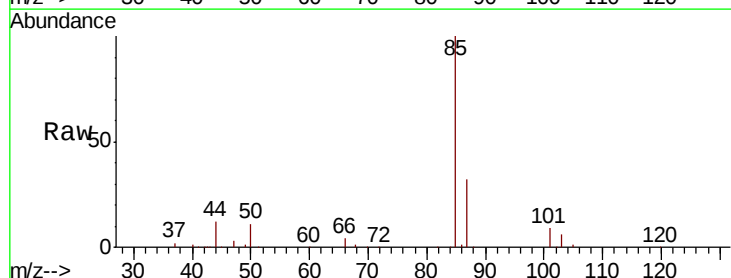
Acq: 19 Dec 2018 14:23

Tgt Ion: 85 Resp: 209255

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

150000

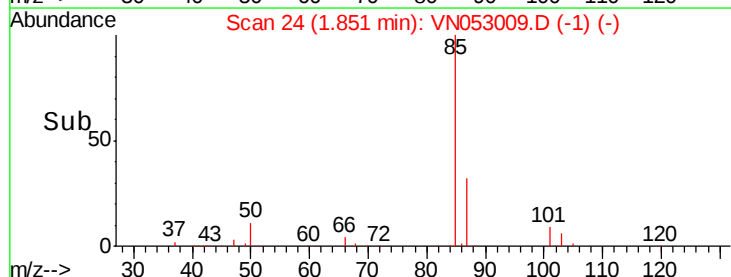
100000

50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.863 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

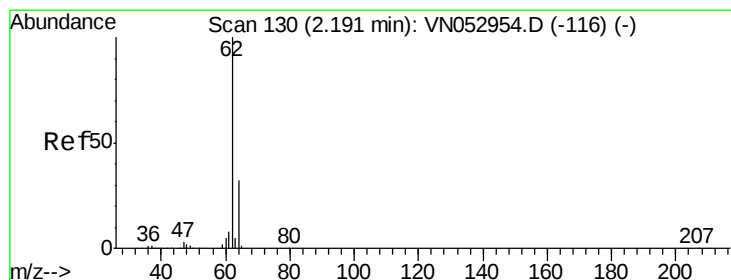
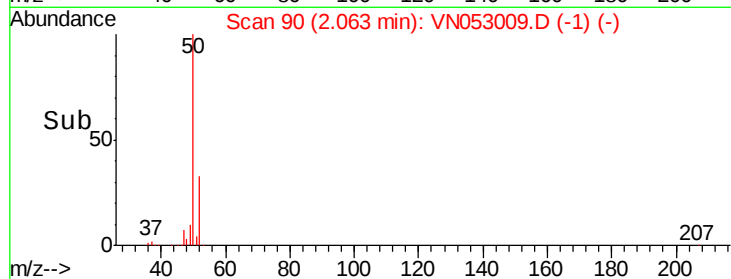
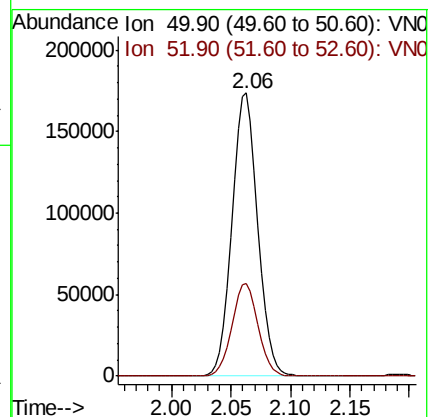
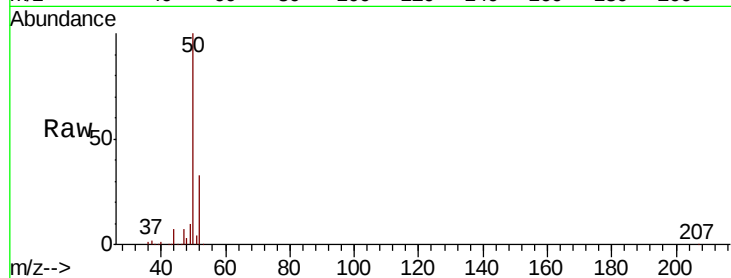
VN1219MBS01

Tot Ion: 50 Resp: 259267

Ion Ratio Lower Upper

50 100

52 32.6 26.2 39.4



#4

Vinyl Chloride

Concen: 19.915 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN053009.D

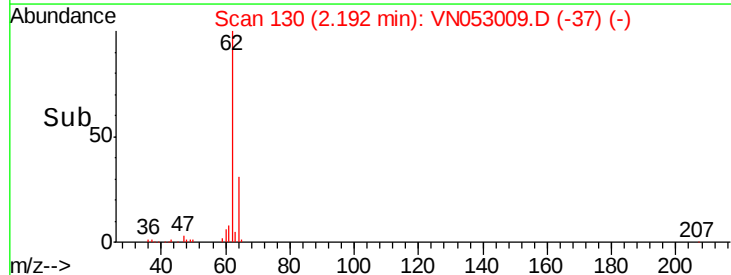
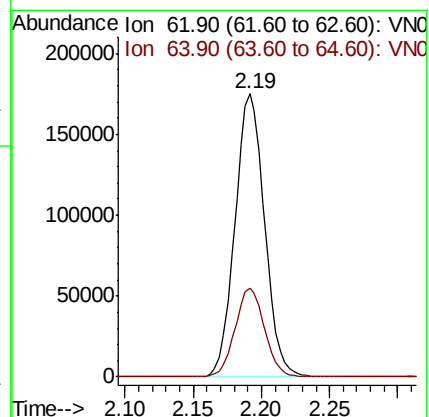
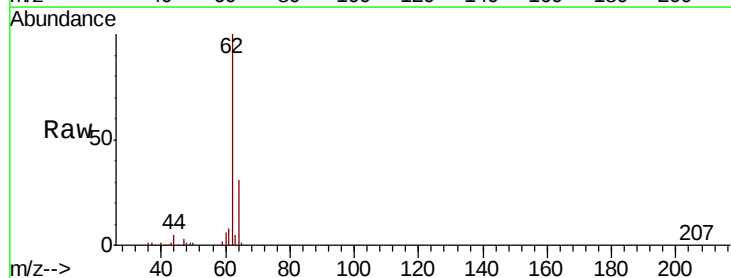
Acq: 19 Dec 2018 14:23

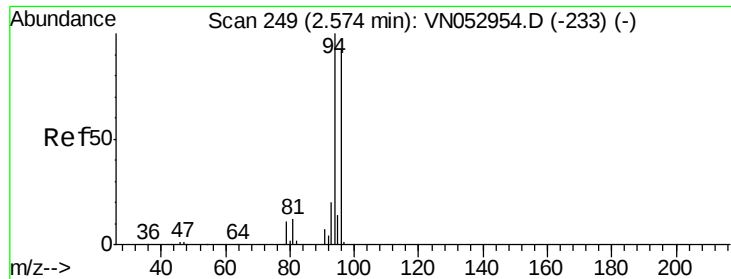
Tgt Ion: 62 Resp: 263258

Ion Ratio Lower Upper

62 100

64 31.3 25.5 38.3





#5

Bromomethane

Concen: 18.264 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

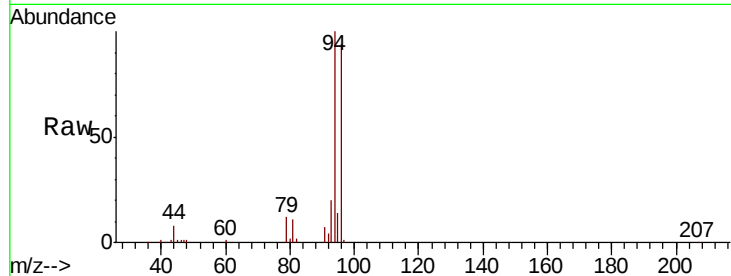
VN1219MBS01

Tot Ion: 94 Resp: 167276

Ion Ratio Lower Upper

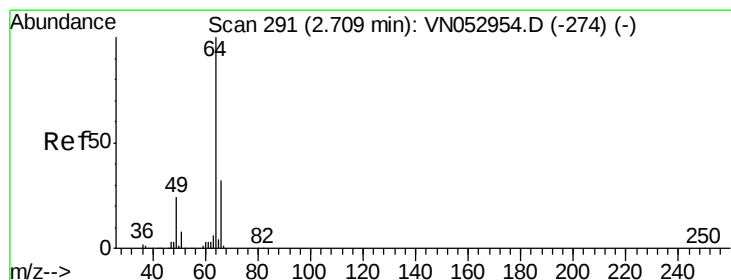
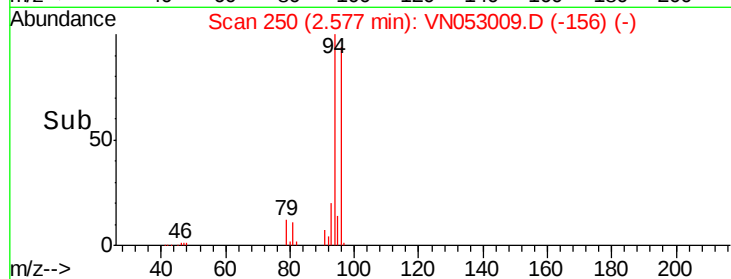
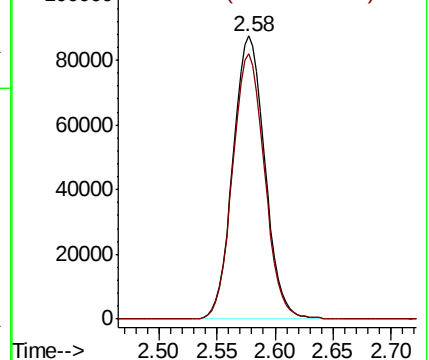
94 100

96 93.8 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN053009.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VN053009.D (-156) (-)



#6

Chloroethane

Concen: 19.774 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN053009.D

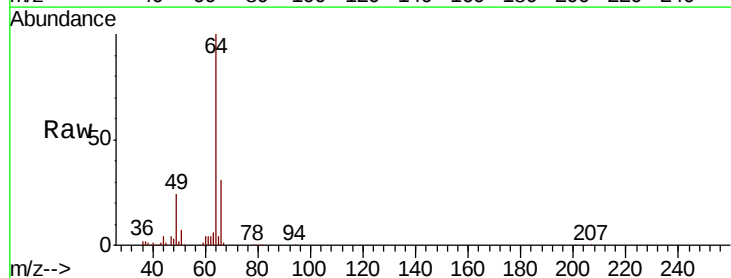
Acq: 19 Dec 2018 14:23

Tgt Ion: 64 Resp: 154813

Ion Ratio Lower Upper

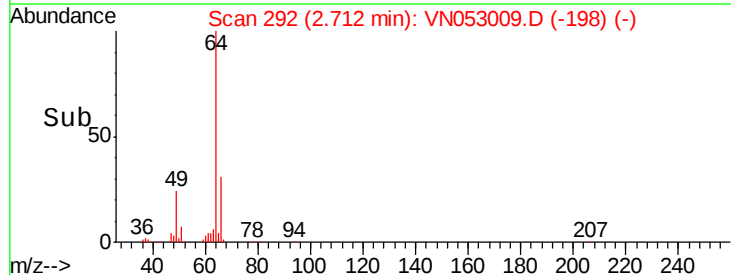
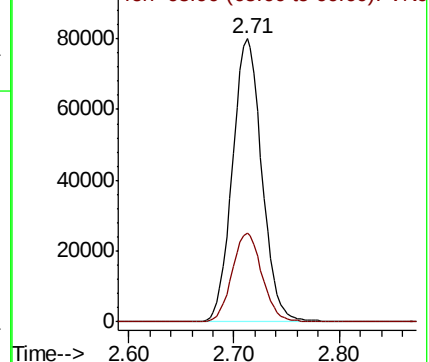
64 100

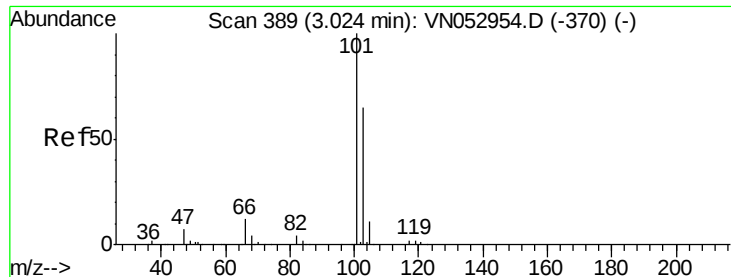
66 31.2 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN053009.D (-198) (-)

Ion 65.90 (65.60 to 66.60): VN053009.D (-198) (-)



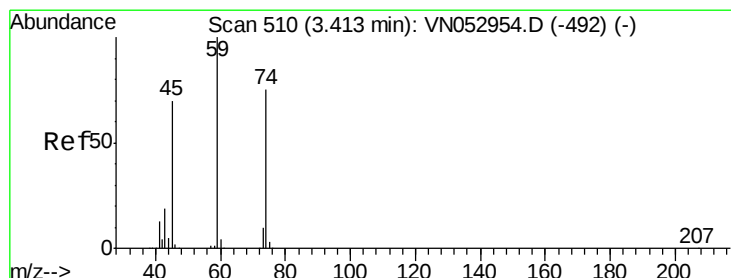
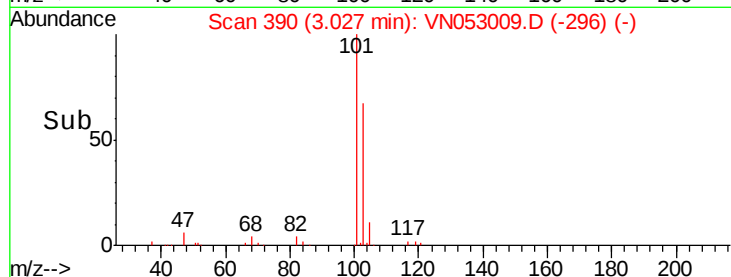
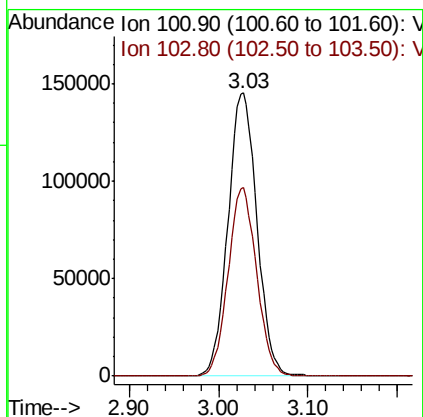
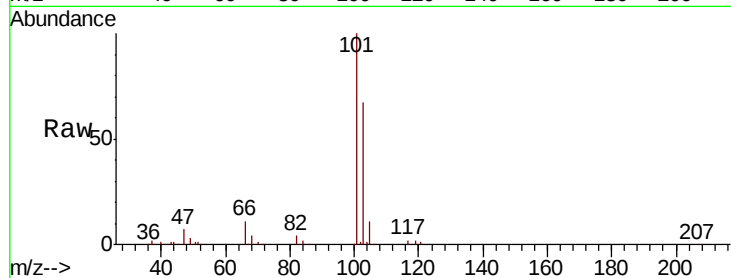


#7

Trichlorofluoromethane
 Concen: 19.877 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

Instrument :
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 VN1219MBS01

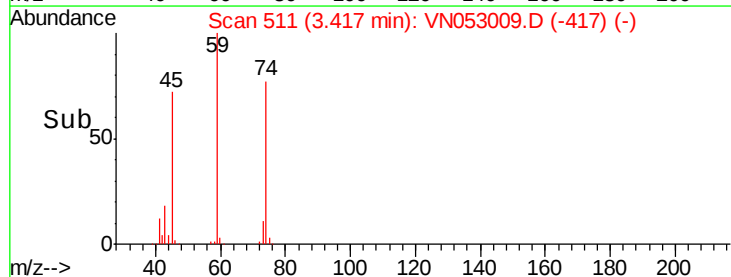
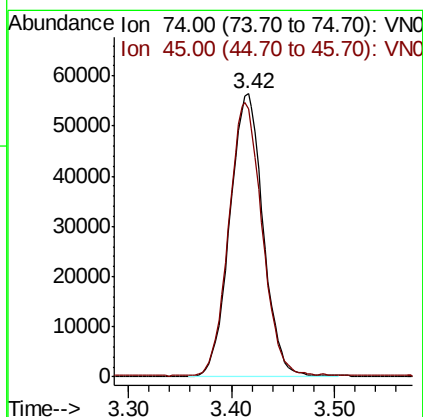
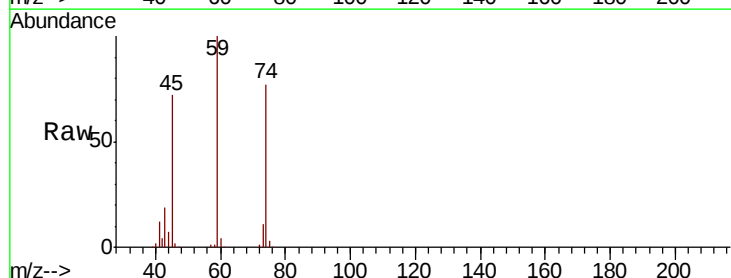
Tot Ion:101 Resp: 327330
 Ion Ratio Lower Upper
 101 100
 103 66.7 51.8 77.6

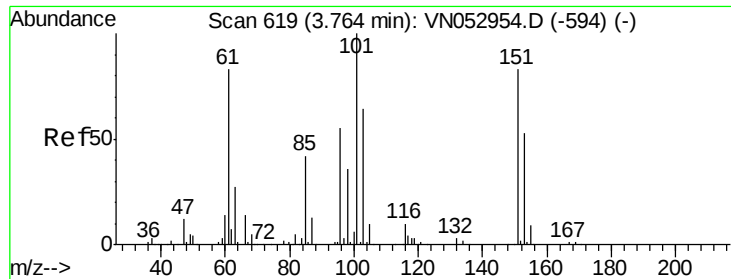


#8

Diethyl Ether
 Concen: 20.442 ug/l
 RT: 3.42 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

Tgt Ion: 74 Resp: 126998
 Ion Ratio Lower Upper
 74 100
 45 96.4 49.4 148.0

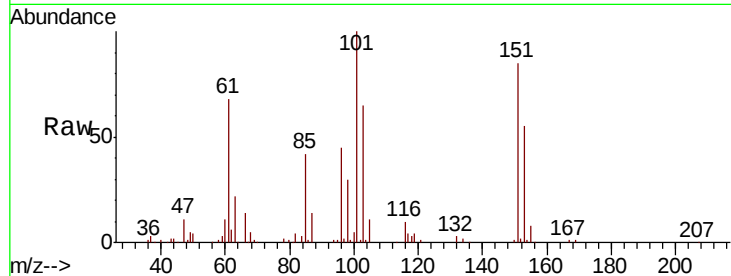




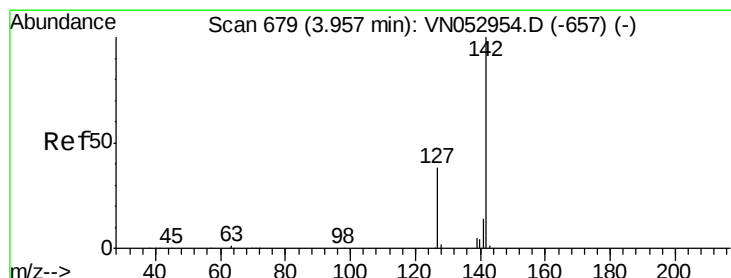
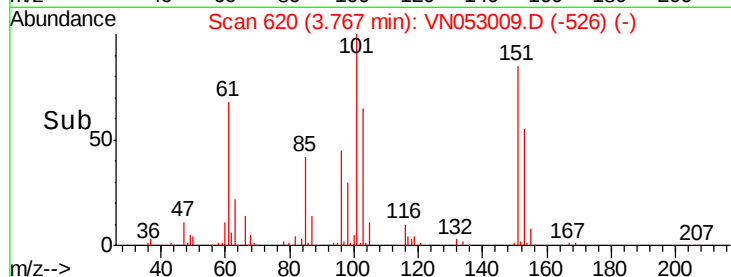
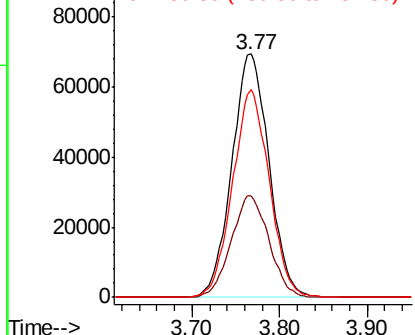
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.495 ug/l
 RT: 3.77 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01

Tot Ion:	101	Resp:	204693
Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.6	50.4
151	84.3	65.5	98.3

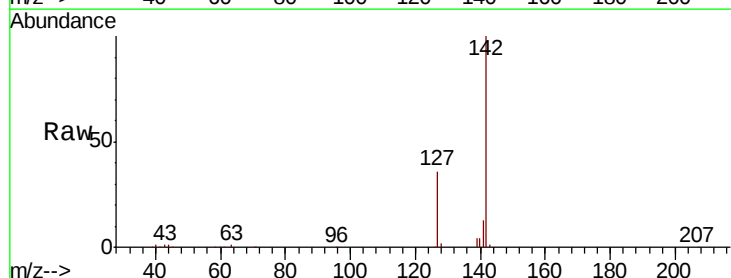


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

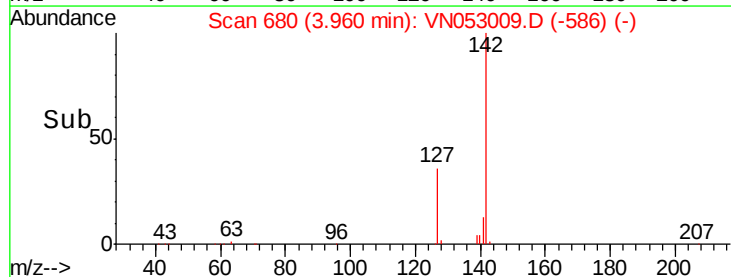
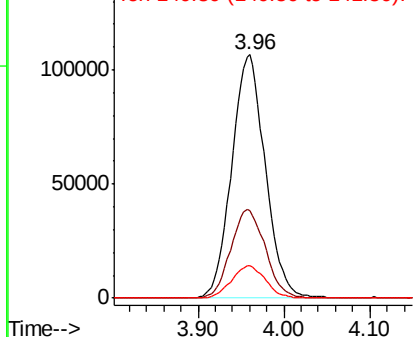


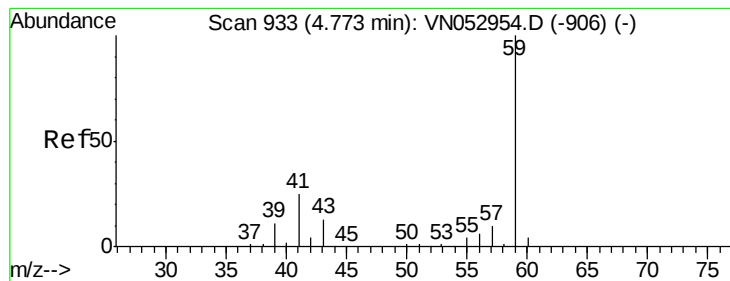
#10
 Methyl Iodide
 Concen: 19.575 ug/l
 RT: 3.96 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

Tgt Ion:	142	Resp:	288641
Ion	Ratio	Lower	Upper
142	100		
127	37.5	31.0	46.6
141	13.5	11.2	16.8



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



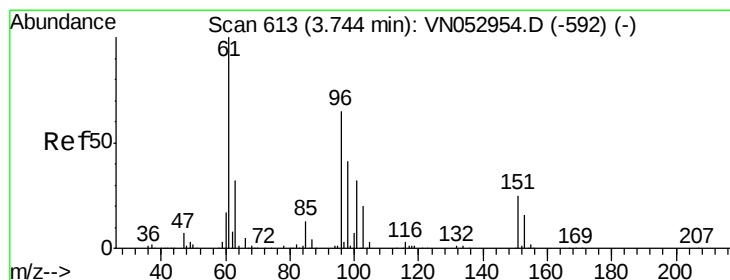
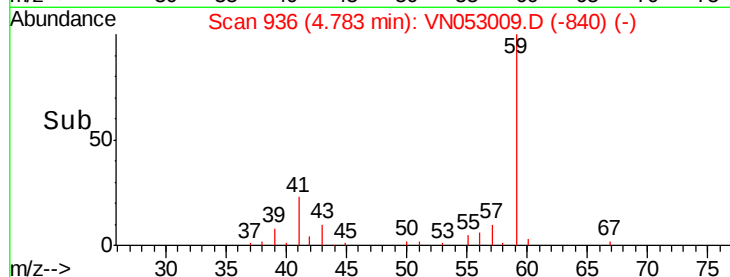
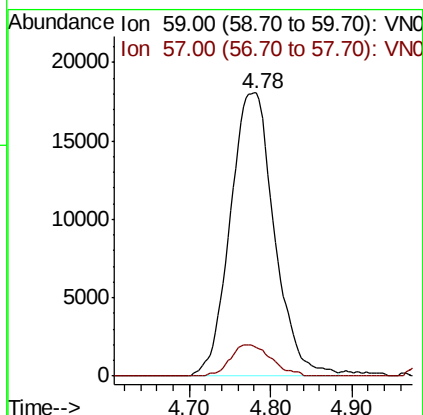
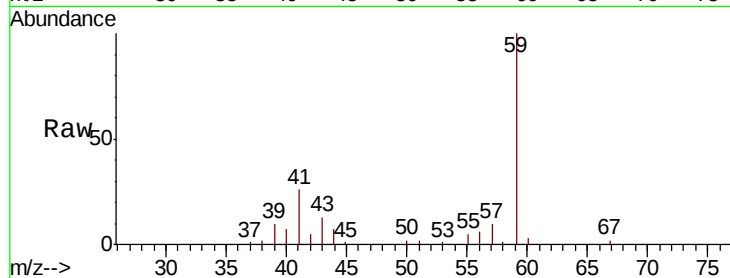


#11

Tert butyl alcohol
 Concen: 102.867 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01

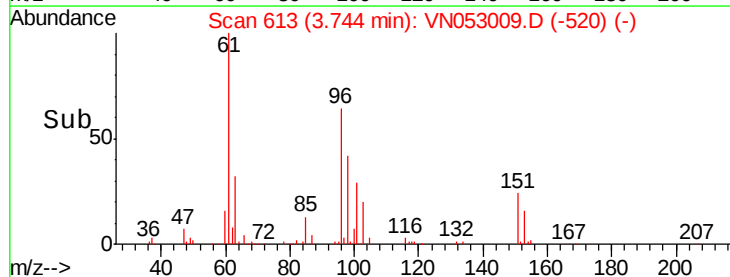
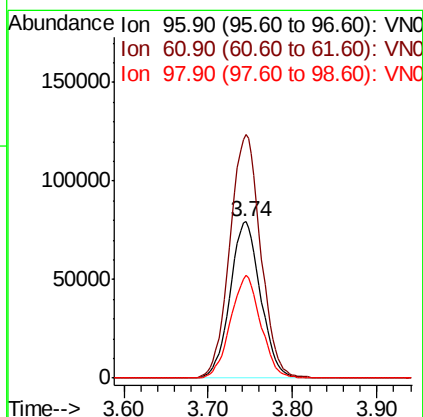
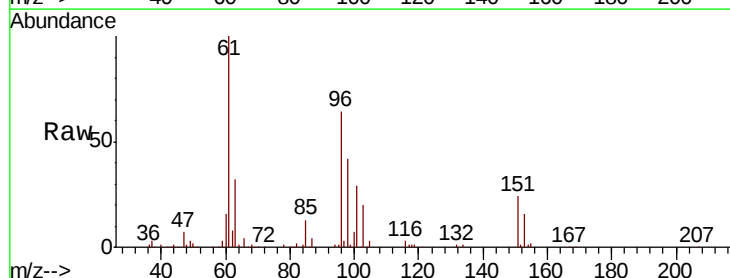
Tot Ion: 59 Resp: 67790
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.7 11.5

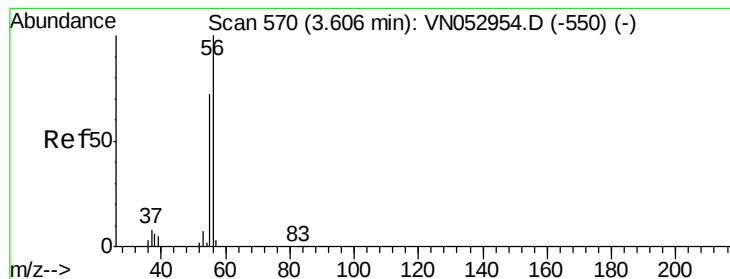


#12

1,1-Dichloroethene
 Concen: 19.734 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

Tgt Ion: 96 Resp: 200180
 Ion Ratio Lower Upper
 96 100
 61 155.8 125.6 188.4
 98 65.6 50.6 75.8





#13

Acrolein

Concen: 122.076 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

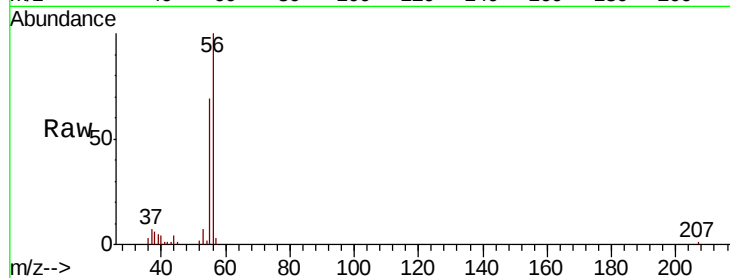
VN1219MBS01

Tot Ion: 56 Resp: 72946

Ion Ratio Lower Upper

56 100

55 68.2 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VN053009.D (-477) (-)

Ion 55.00 (54.70 to 55.70): VN053009.D (-477) (-)

3.61

30000

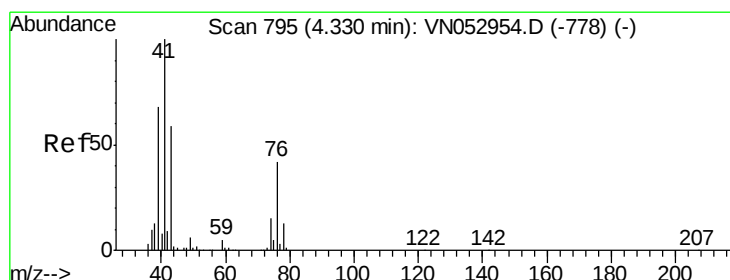
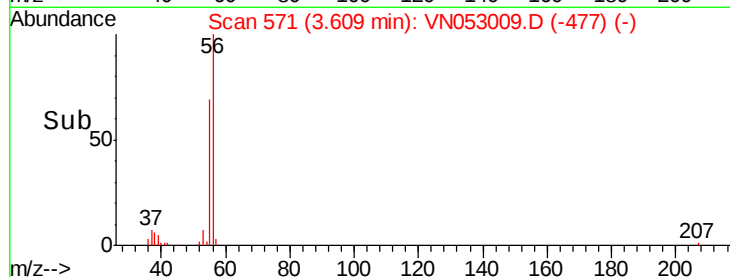
20000

10000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 20.692 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

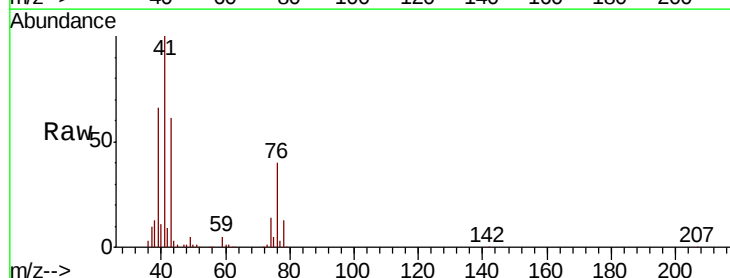
Tgt Ion: 41 Resp: 325127

Ion Ratio Lower Upper

41 100

39 63.8 54.1 81.1

76 36.5 30.3 45.5



Abundance Ion 41.00 (40.70 to 41.70): VN053009.D (-702) (-)

Ion 39.00 (38.70 to 39.70): VN053009.D (-702) (-)

Ion 75.90 (75.60 to 76.60): VN053009.D (-702) (-)

4.33

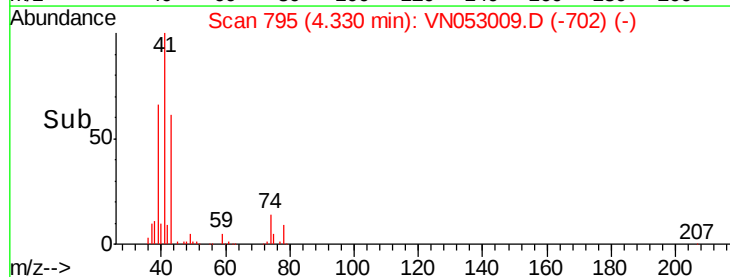
100000

50000

0

Time-->

4.10 4.20 4.30 4.40 4.50





#15

Acrylonitrile

Concen: 101.648 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

VN1219MBS01

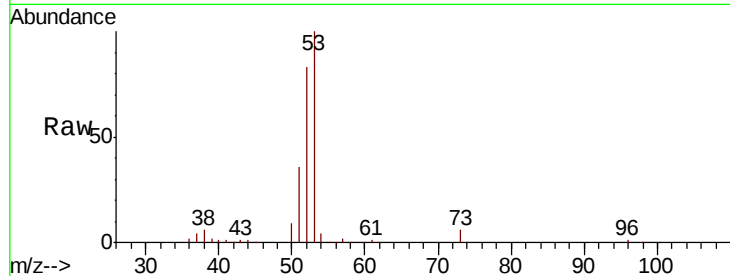
Tot Ion: 53 Resp: 372145

Ion Ratio Lower Upper

53 100

52 82.6 65.1 97.7

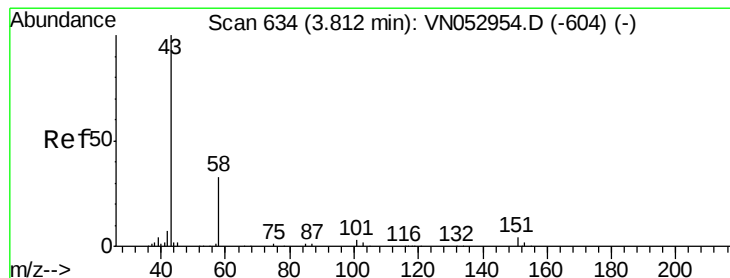
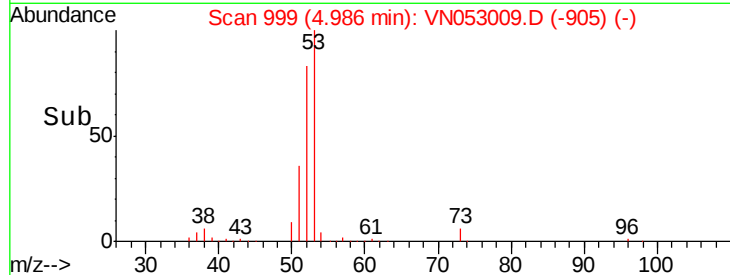
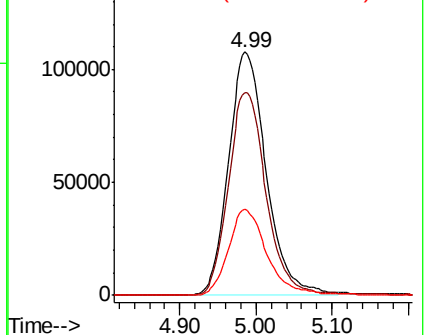
51 35.9 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN052954.D (-973) (-)

Ion 52.00 (51.70 to 52.70): VN052954.D (-973) (-)

Ion 51.00 (50.70 to 51.70): VN052954.D (-973) (-)



#16

Acetone

Concen: 110.102 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053009.D

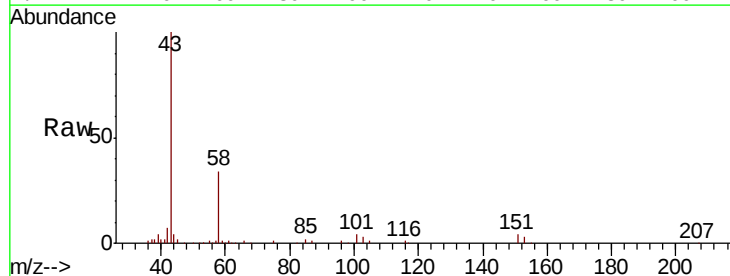
Acq: 19 Dec 2018 14:23

Tgt Ion: 43 Resp: 233156

Ion Ratio Lower Upper

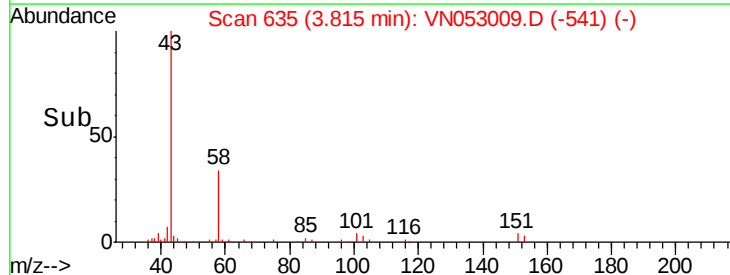
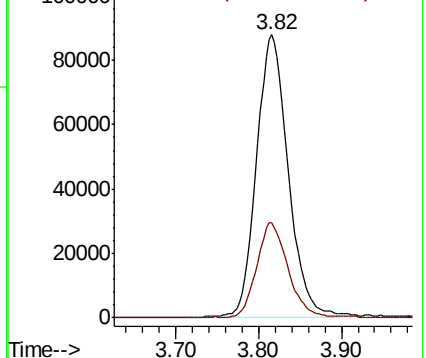
43 100

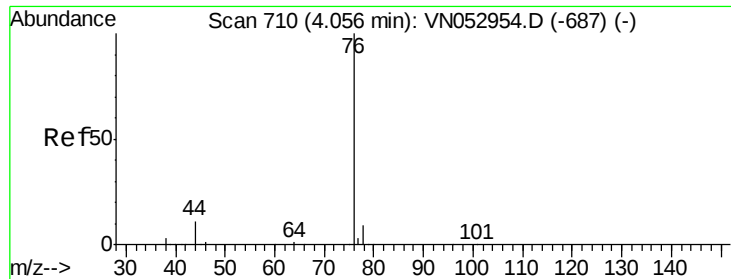
58 33.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052954.D (-604) (-)

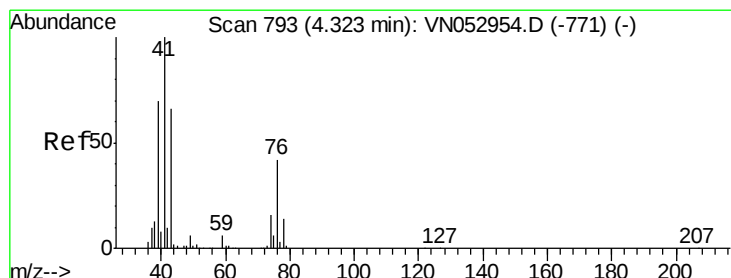
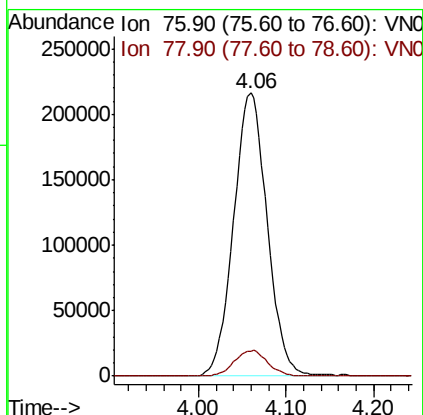
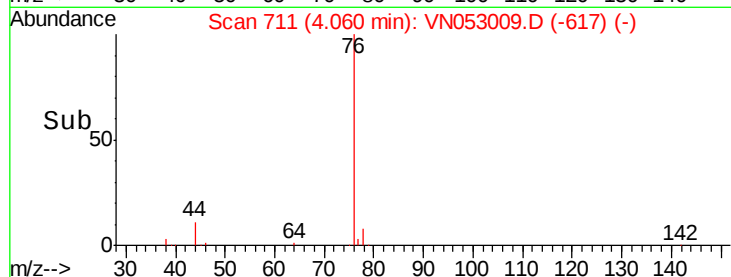
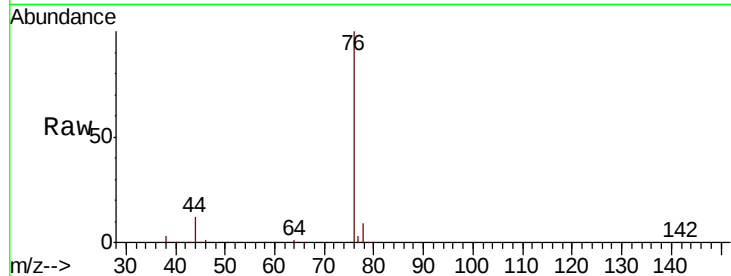




#17
Carbon Disulfide
Concen: 17.428 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

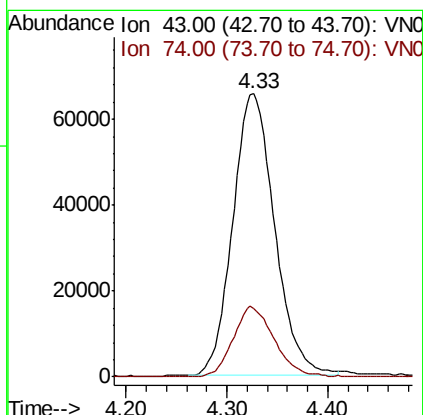
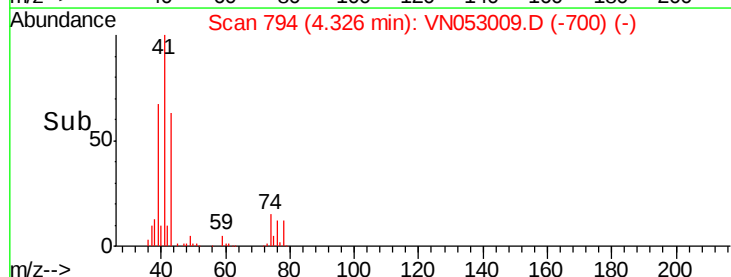
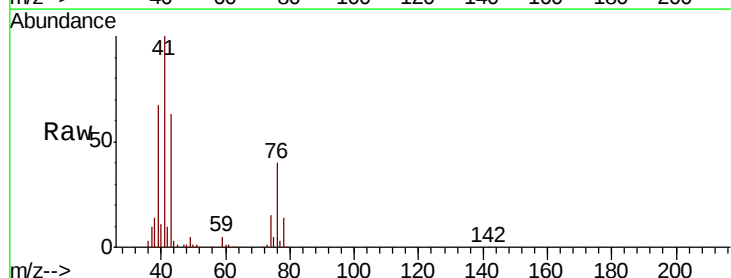
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

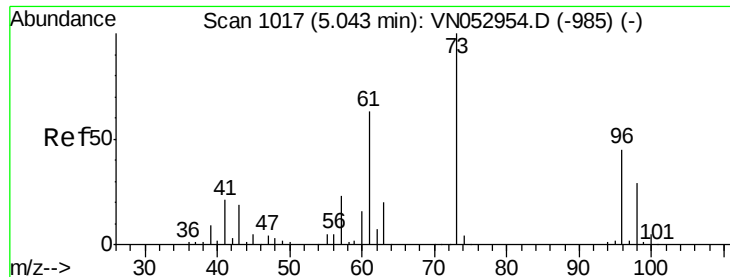
Tot Ion: 76 Resp: 576546
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 20.249 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Tgt Ion: 43 Resp: 188830
Ion Ratio Lower Upper
43 100
74 24.5 19.2 28.8

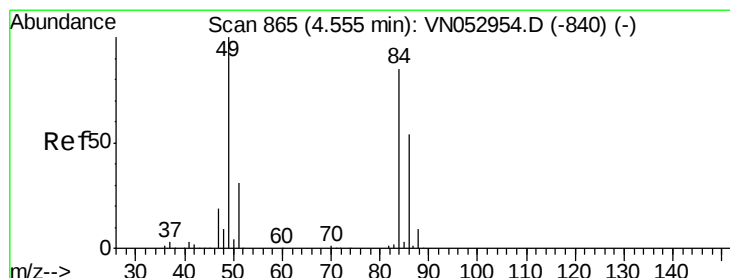
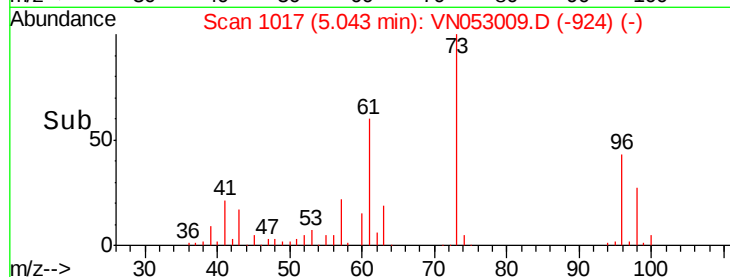
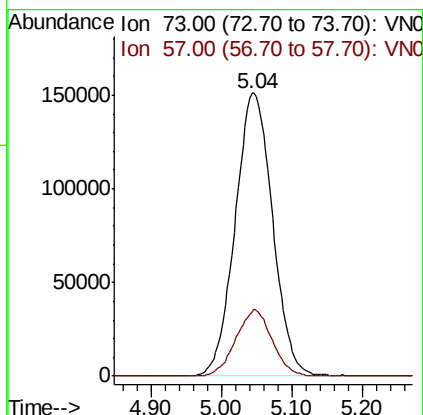
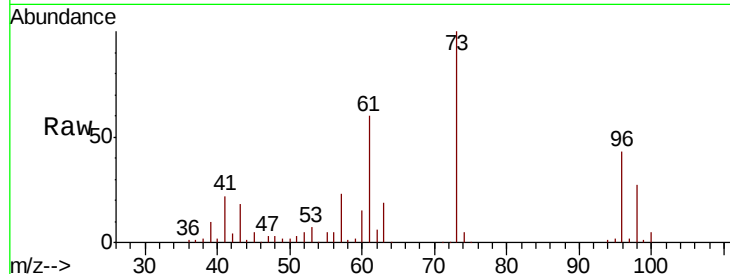




#19
Methyl tert-butyl Ether
Concen: 20.605 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

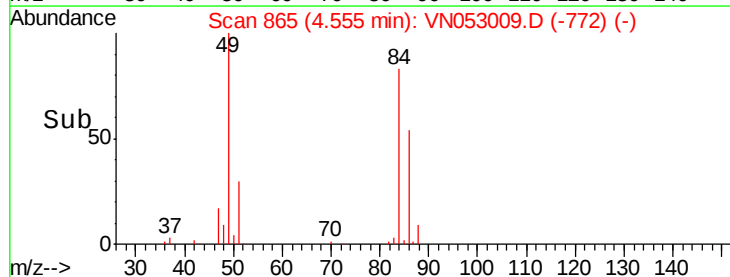
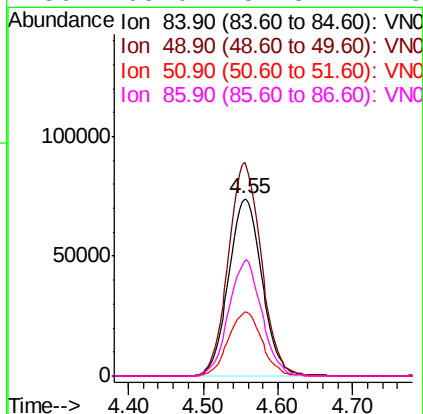
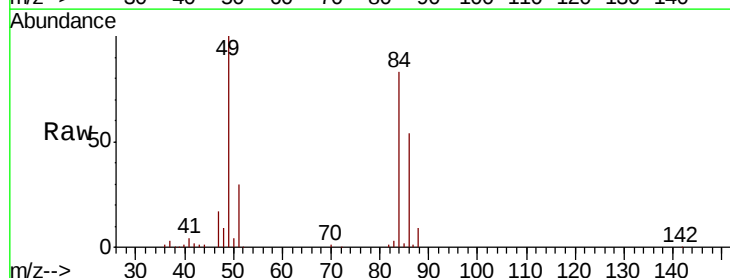
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

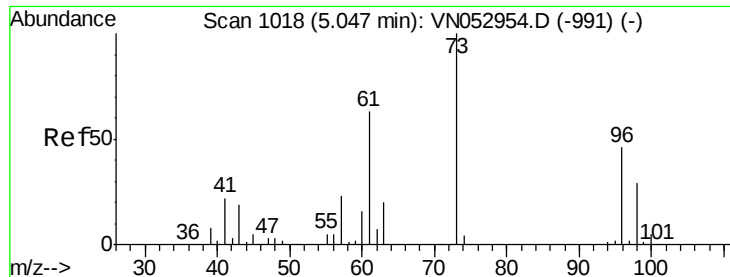
Tot Ion: 73 Resp: 559354
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6



#20
Methylene Chloride
Concen: 19.887 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Tgt Ion: 84 Resp: 229727
Ion Ratio Lower Upper
84 100
49 120.8 96.8 145.2
51 36.3 29.9 44.9
86 65.0 51.8 77.6

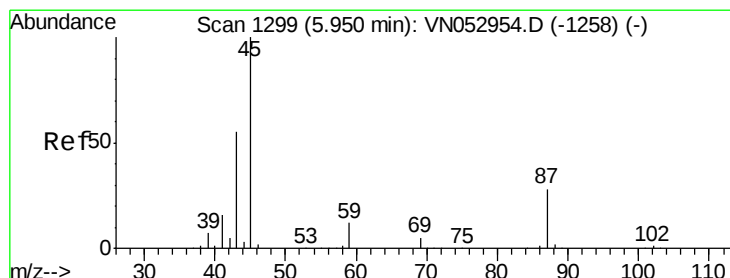
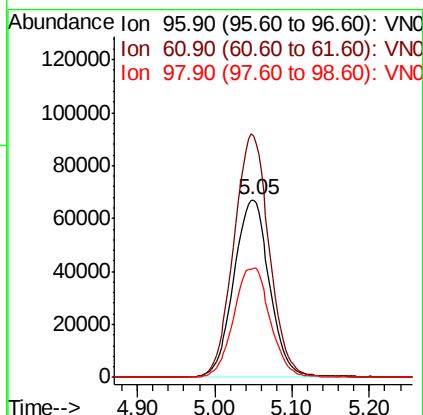
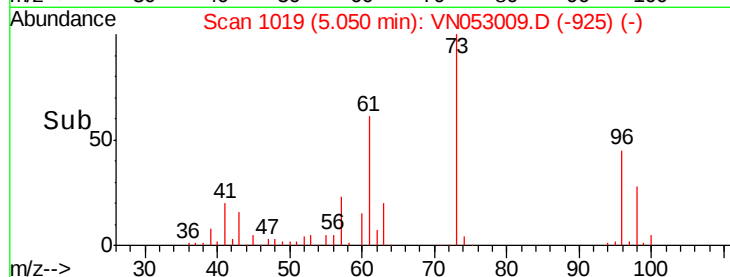
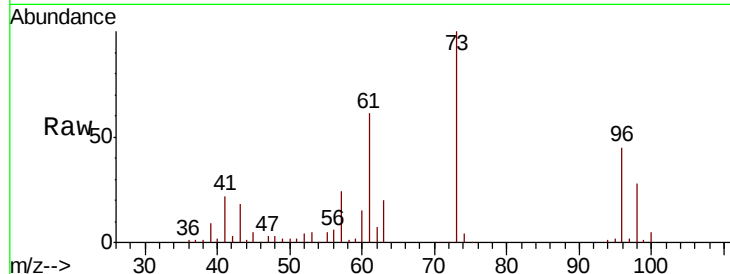




#21
trans-1,2-Dichloroethene
Concen: 19.786 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

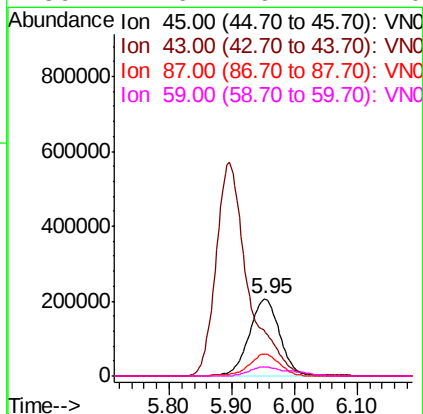
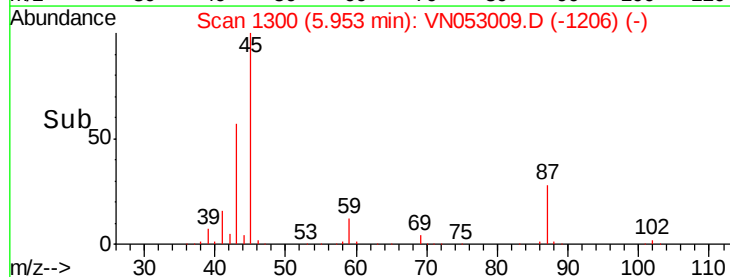
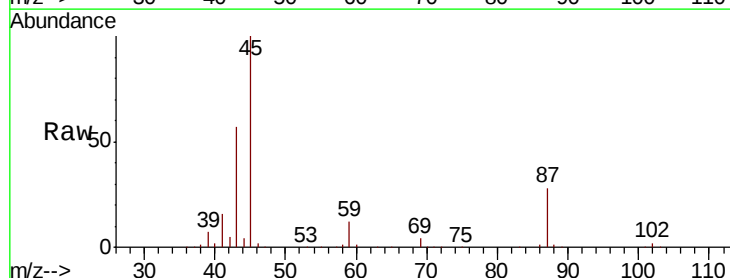
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

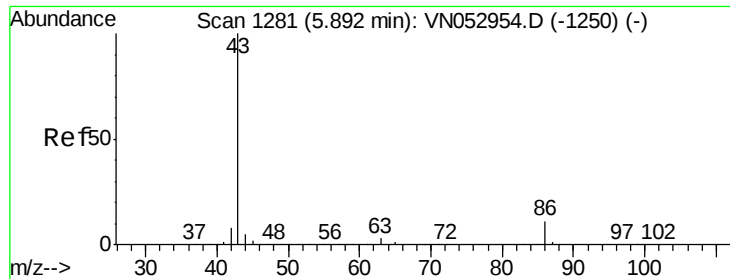
Tot Ion: 96 Resp: 215643
Ion Ratio Lower Upper
96 100
61 135.9 110.8 166.2
98 61.5 51.4 77.2



#22
Diisopropyl ether
Concen: 20.776 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Tgt Ion: 45 Resp: 696803
Ion Ratio Lower Upper
45 100
43 55.9 45.5 68.3
87 28.3 22.0 33.0
59 11.6 9.4 14.0

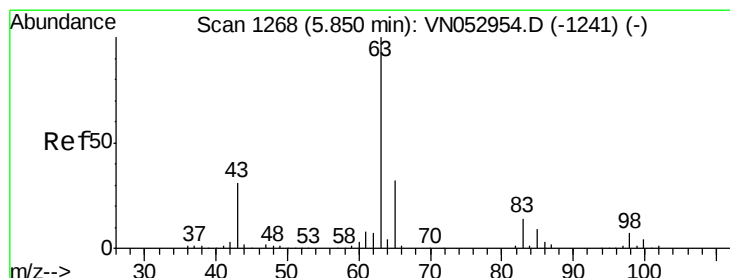
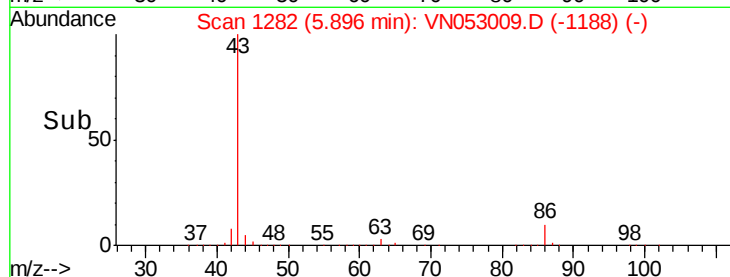
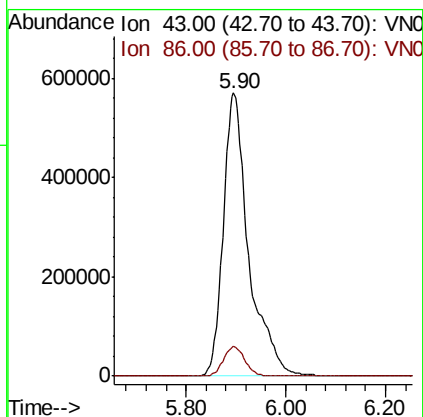
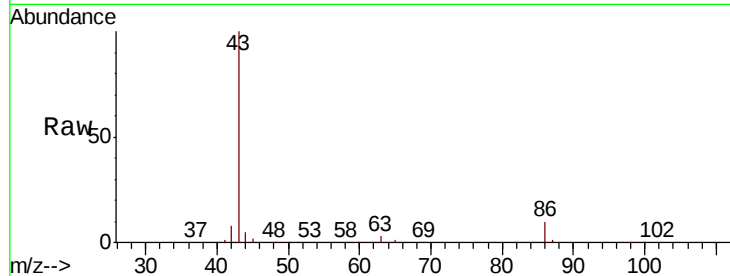




#23
 Vinyl Acetate
 Concen: 105.011 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

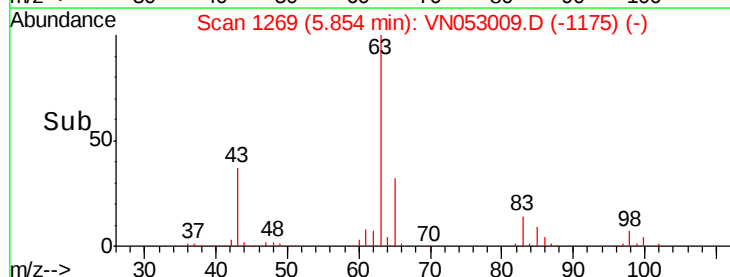
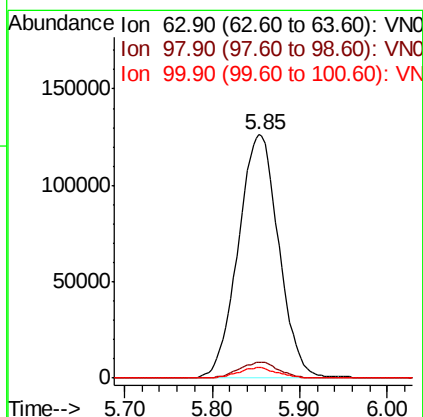
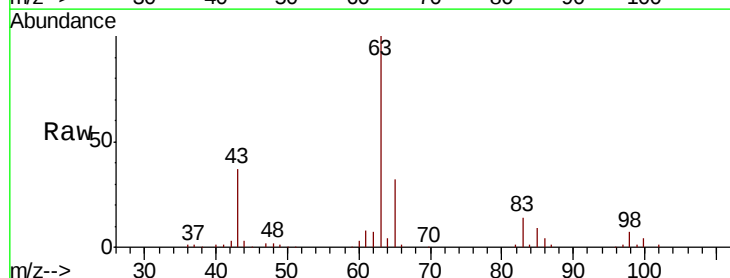
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01

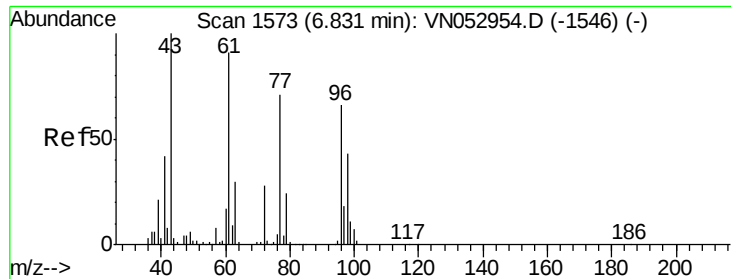
Tot Ion: 43 Resp: 2025255
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 20.324 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

Tgt Ion: 63 Resp: 405047
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 4.2 2.0 5.8

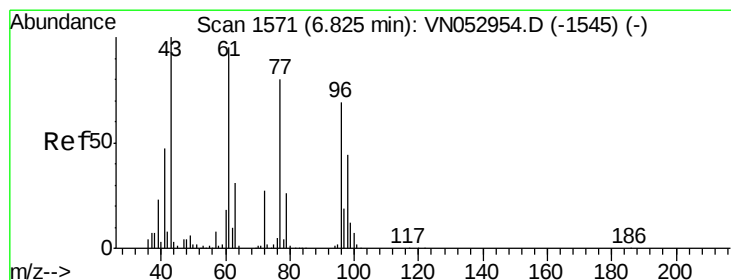
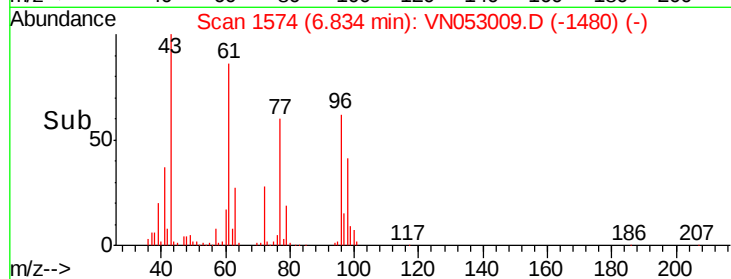
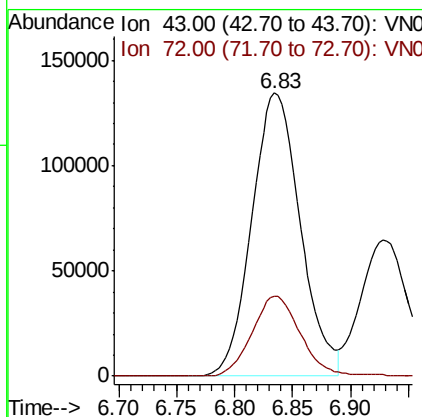
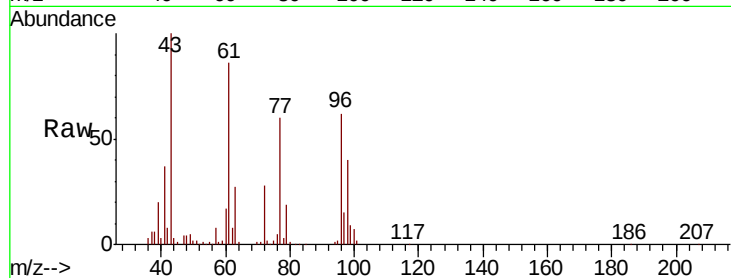




#25
2-Butanone
Concen: 109.708 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

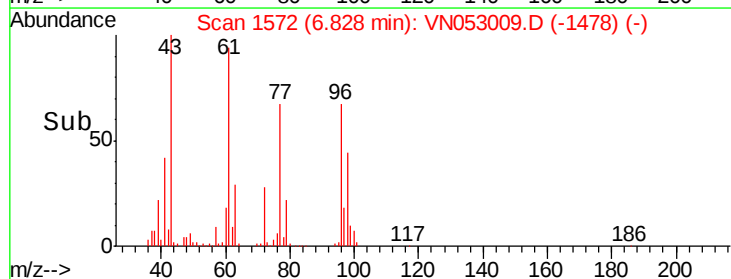
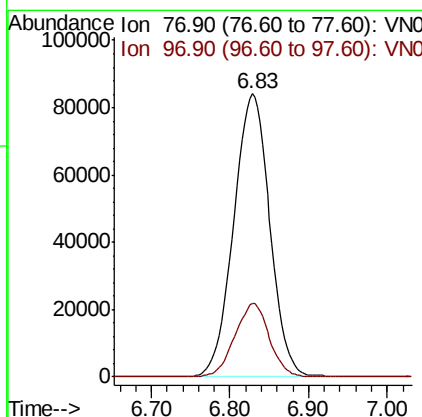
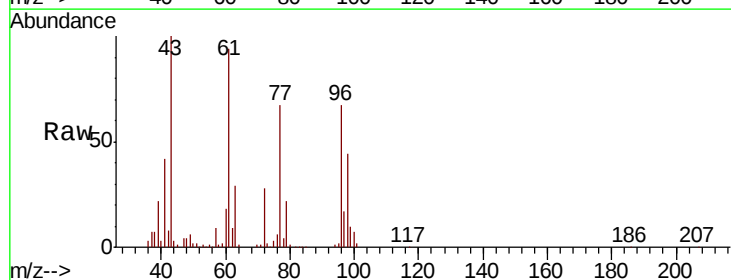
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

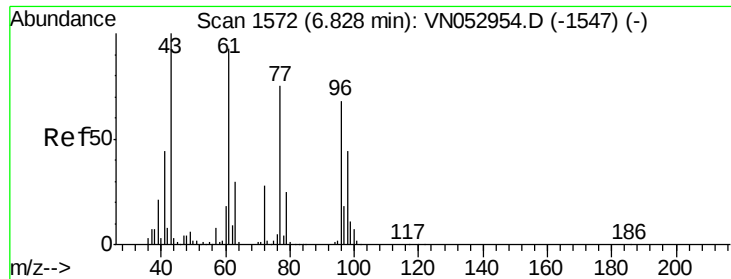
Tot Ion: 43 Resp: 389893
Ion Ratio Lower Upper
43 100
72 28.2 21.0 31.6



#26
2,2-Dichloropropane
Concen: 17.744 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Tgt Ion: 77 Resp: 269958
Ion Ratio Lower Upper
77 100
97 24.8 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 20.108 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

VN1219MBS01

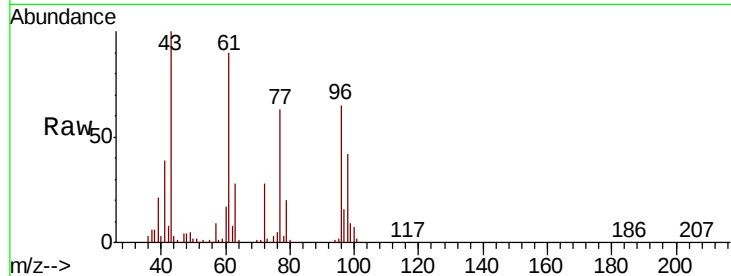
Tot Ion: 96 Resp: 248113

Ion Ratio Lower Upper

96 100

61 139.2 0.0 284.2

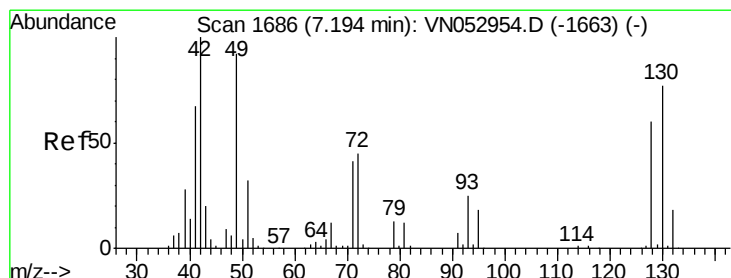
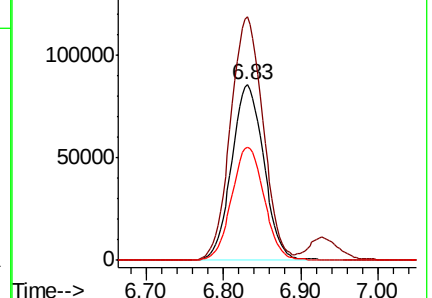
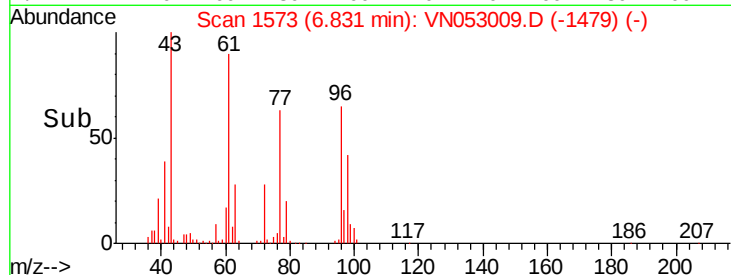
98 64.6 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN053009.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN053009.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN053009.D (-1479) (-)



#28

Bromochloromethane

Concen: 22.045 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

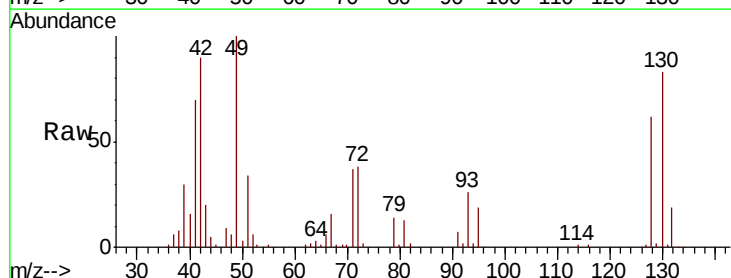
Tgt Ion: 49 Resp: 190383

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

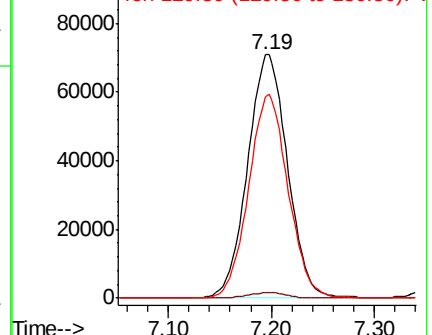
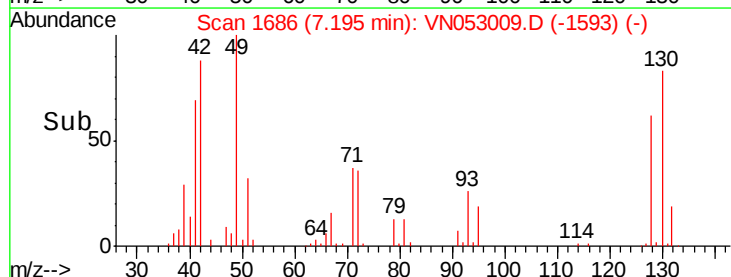
130 82.6 63.3 94.9

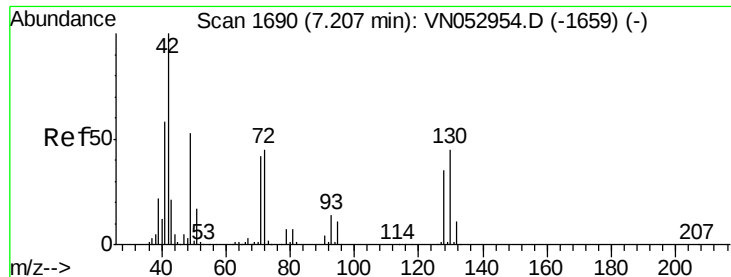


Abundance Ion 48.90 (48.60 to 49.60): VN053009.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN053009.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN053009.D (-1593) (-)

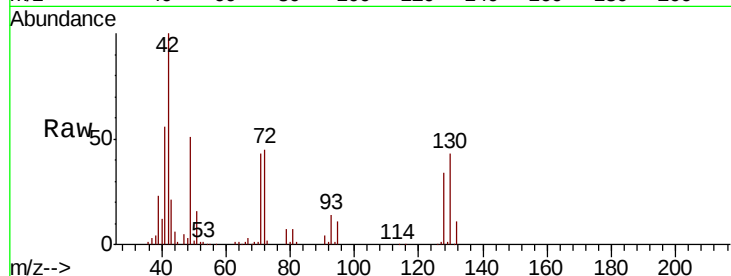




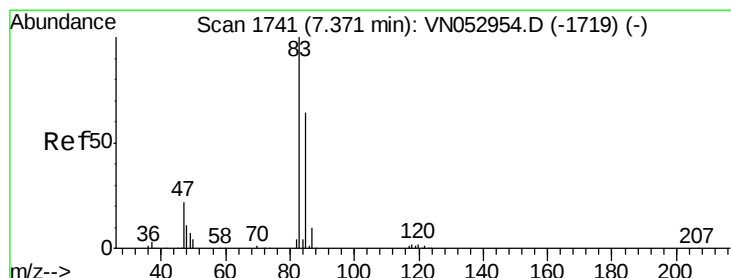
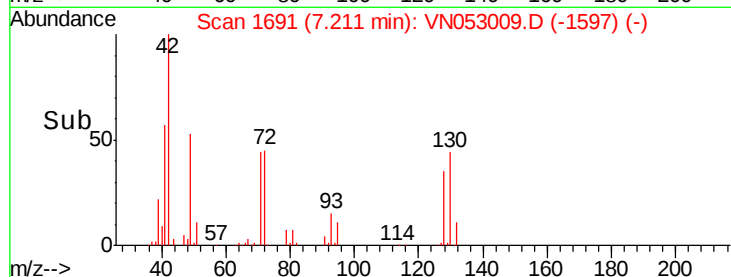
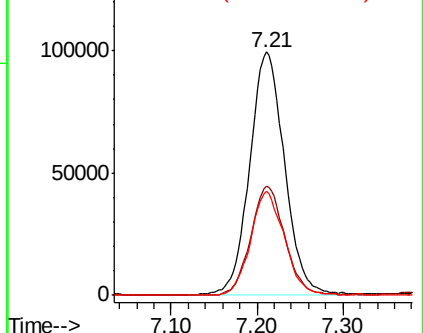
#29
Tetrahydrofuran
Concen: 105.723 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Instrument :
MSVOA_N
ClientSampled :
VN1219MBS01

Tot Ion: 42 Resp: 280621
Ion Ratio Lower Upper
42 100
72 44.0 34.7 52.1
71 41.6 32.3 48.5

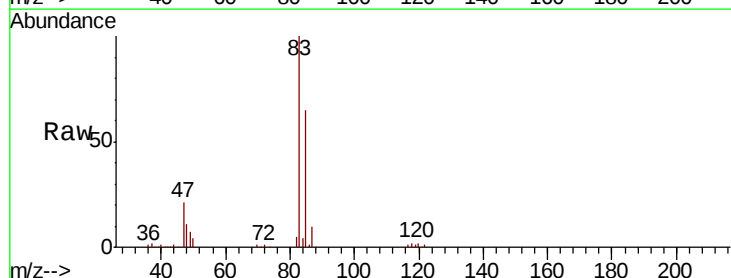


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

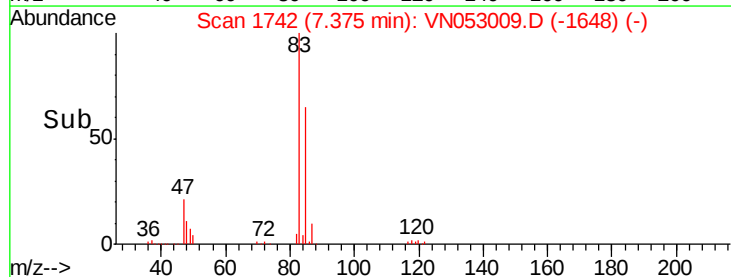
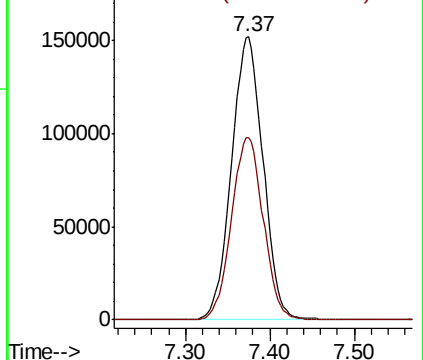


#30
Chloroform
Concen: 20.245 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Tgt Ion: 83 Resp: 396353
Ion Ratio Lower Upper
83 100
85 64.5 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.915 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

VN1219MBS01

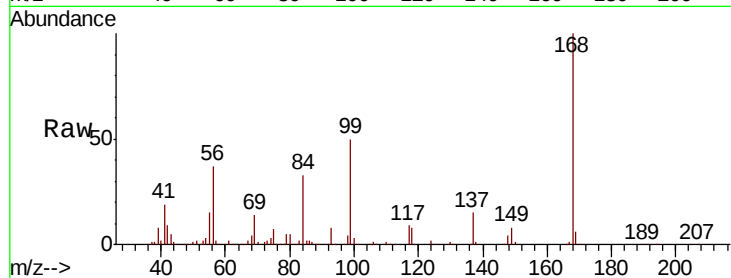
Tot Ion: 56 Resp: 384064

Ion Ratio Lower Upper

56 100

69 38.0 26.6 39.8

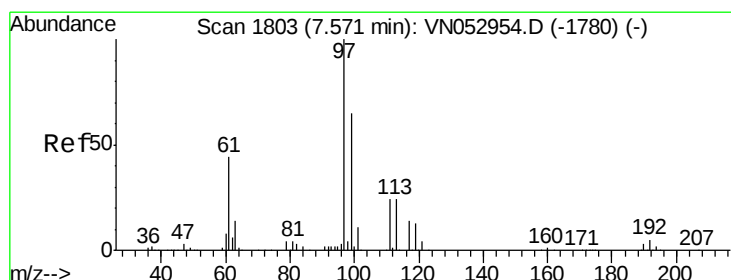
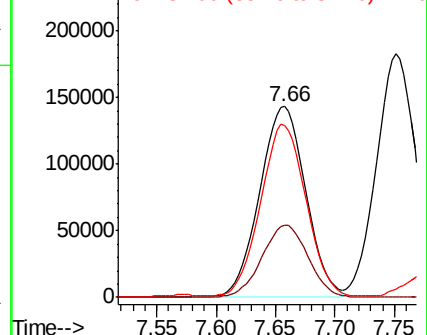
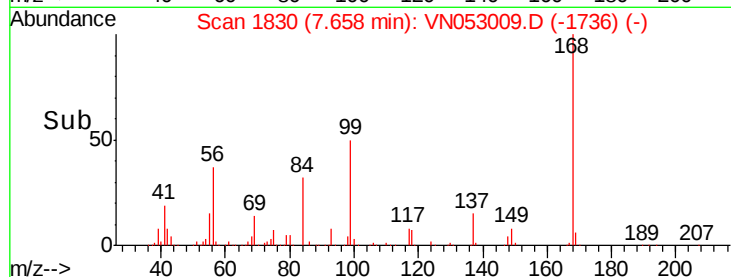
84 89.1 68.4 102.6



Abundance Ion 56.00 (55.70 to 56.70): VN053009.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN053009.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN053009.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 19.611 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

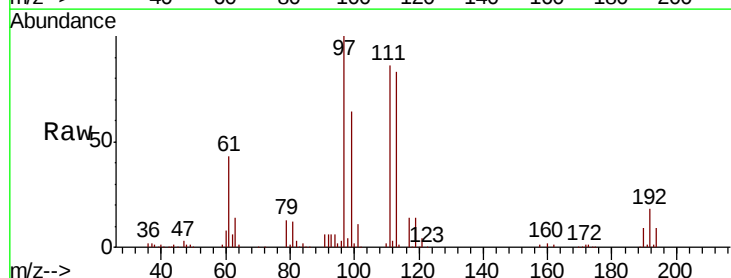
Tgt Ion: 97 Resp: 327081

Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

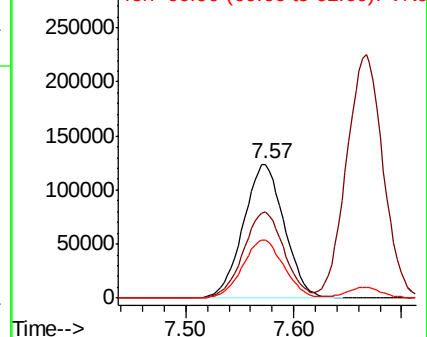
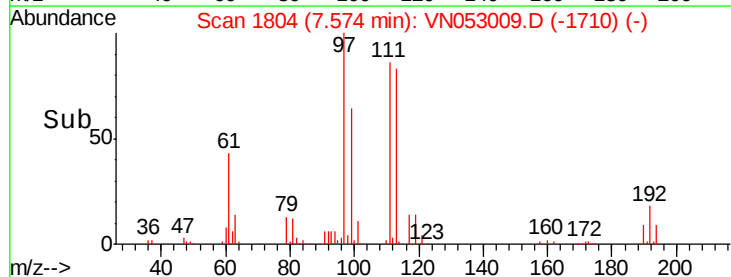
61 43.6 35.0 52.6

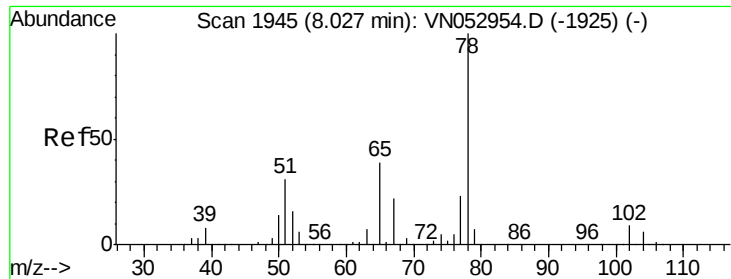


Abundance Ion 96.90 (96.60 to 97.60): VN053009.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN053009.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN053009.D (-1710) (-)

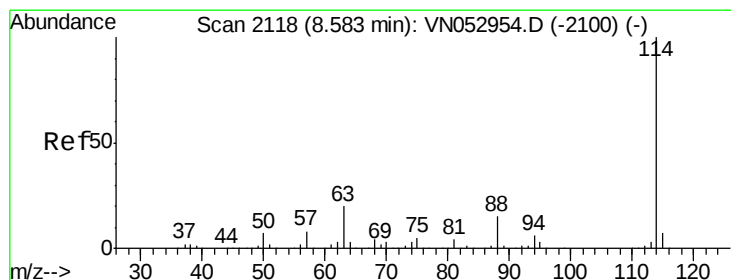
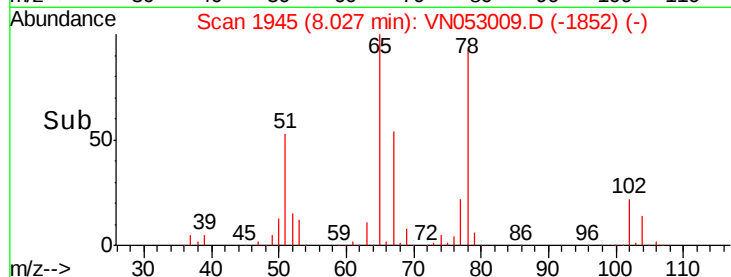
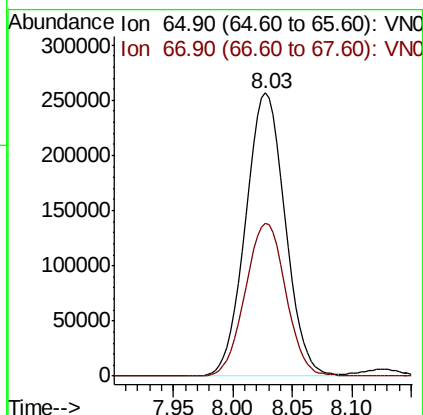
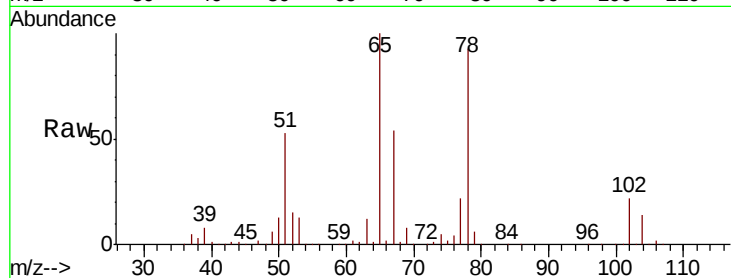




#33
 1,2-Dichloroethane-d4
 Concen: 19.611 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

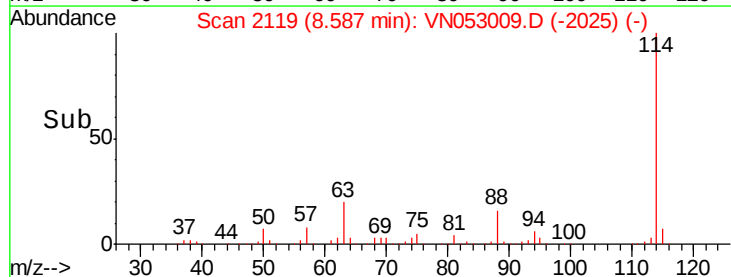
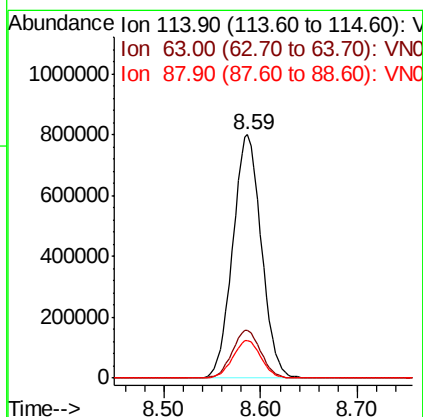
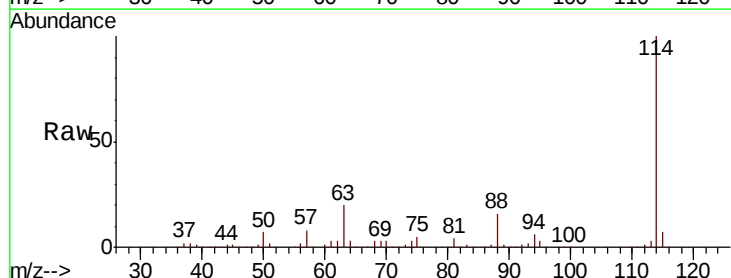
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01

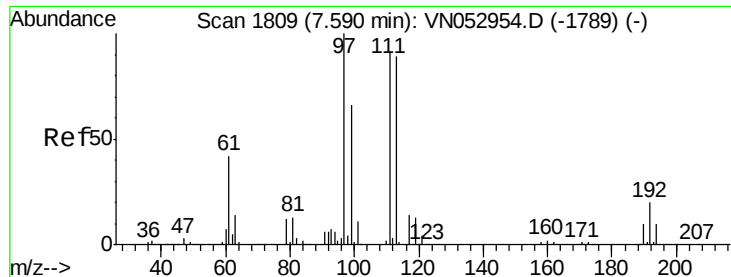
Tot Ion: 65 Resp: 593064
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

Tgt Ion: 114 Resp: 1643177
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.6 0.0 31.0

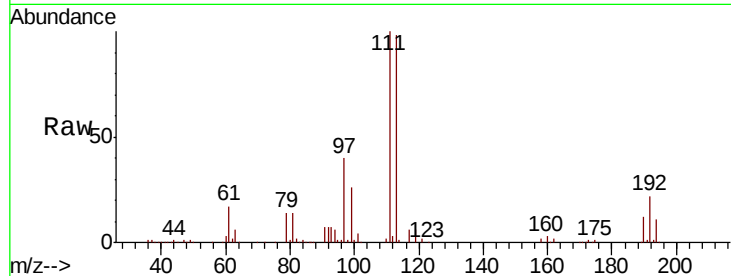




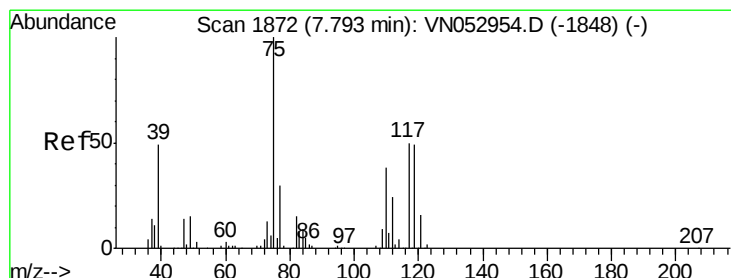
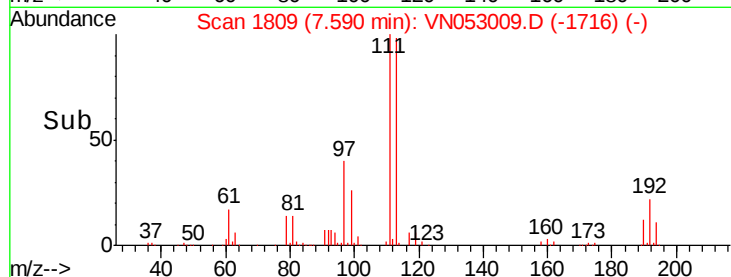
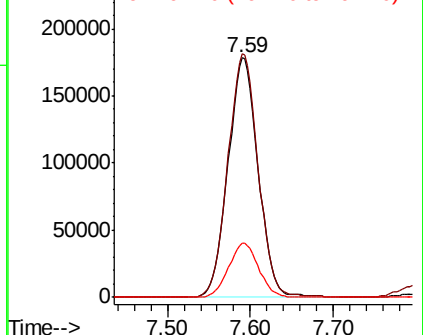
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	22.6	17.5	26.3

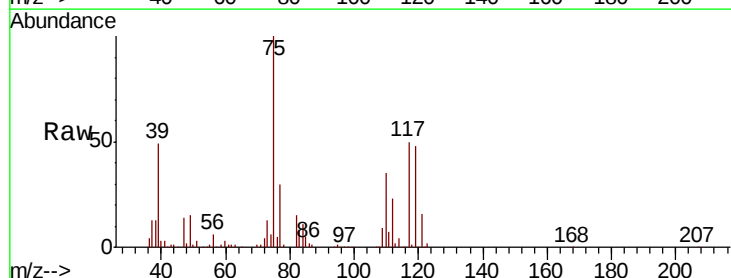


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

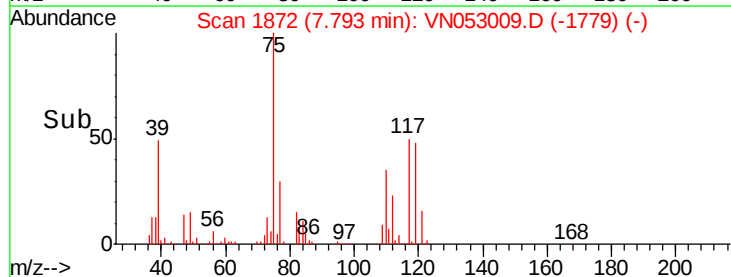
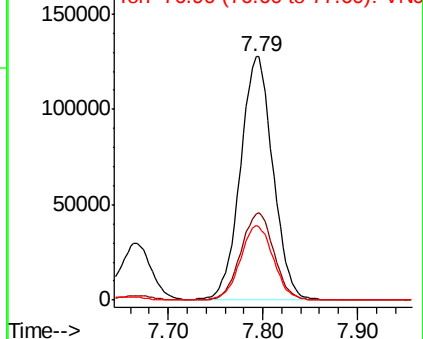


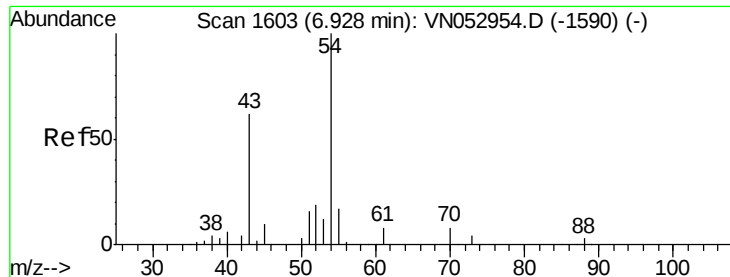
#36
1,1-Dichloropropene
Concen: 19.259 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.2	54.6
77	31.2	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

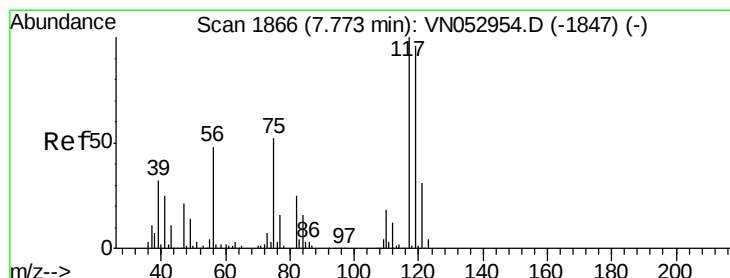
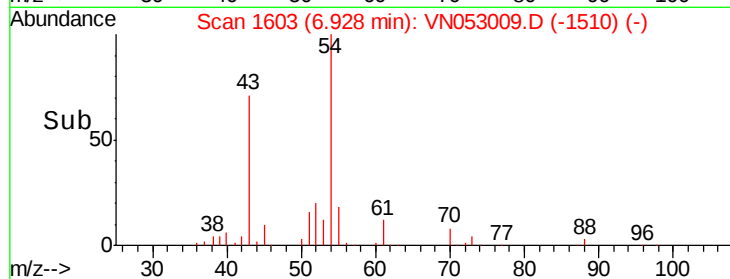
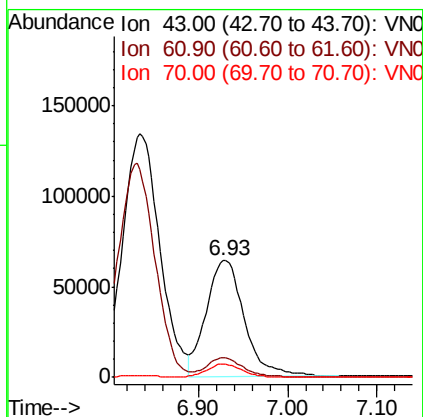
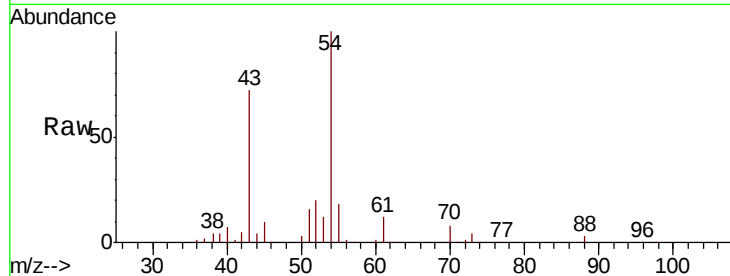




#37
Ethyl Acetate
Concen: 21.556 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

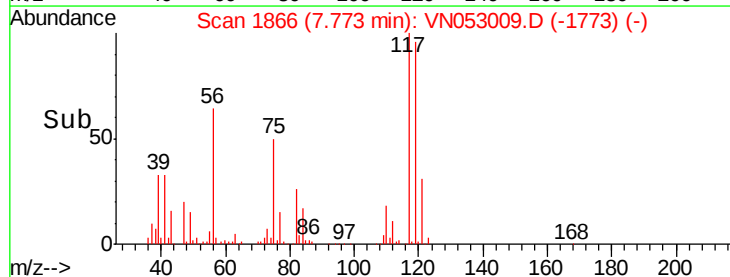
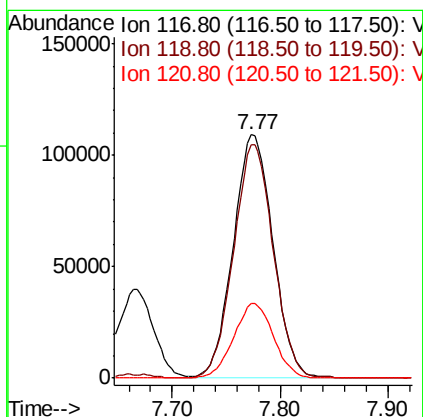
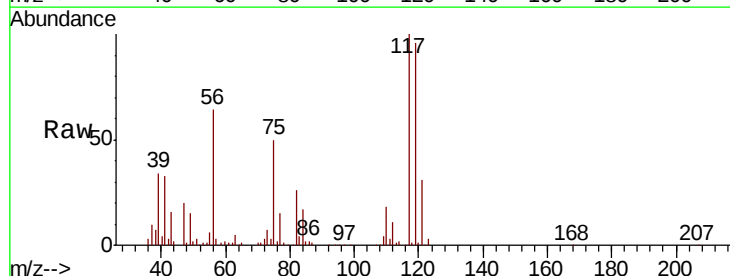
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

Tot Ion: 43 Resp: 189792
Ion Ratio Lower Upper
43 100
61 15.8 11.8 17.6
70 10.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.303 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Tgt Ion: 117 Resp: 279054
Ion Ratio Lower Upper
117 100
119 95.7 77.1 115.7
121 30.7 24.9 37.3

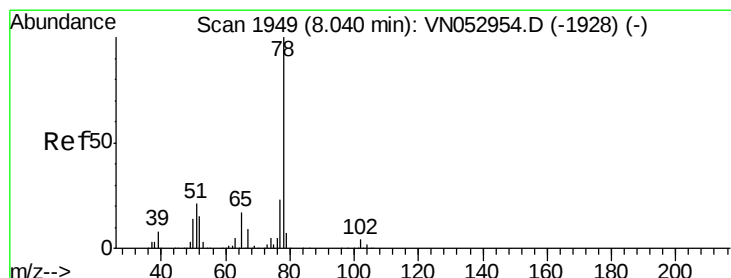
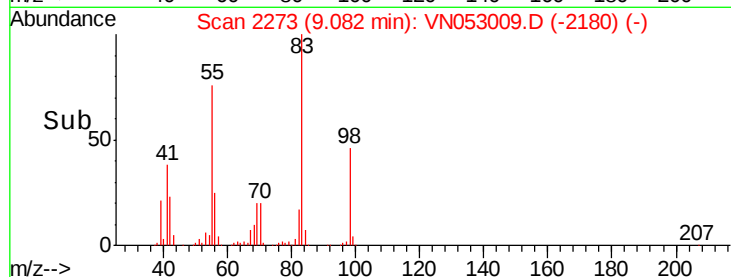
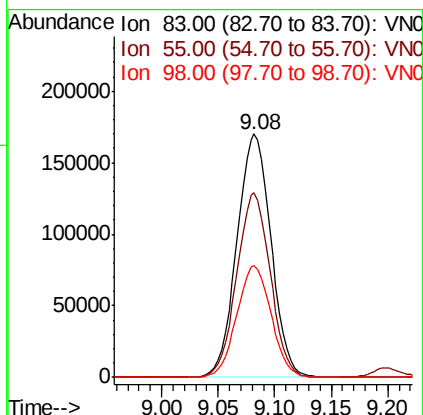
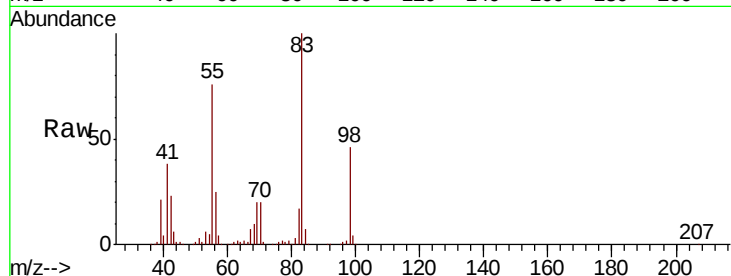




#39
Methvlcvclohexane
Concen: 18.637 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

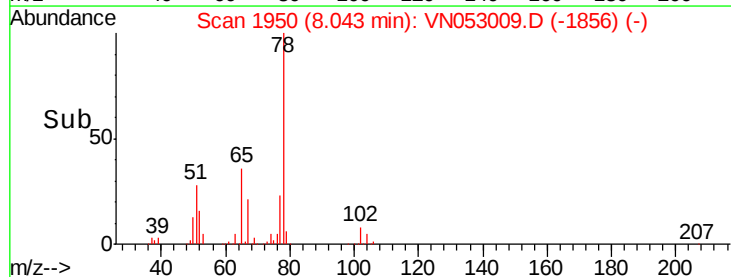
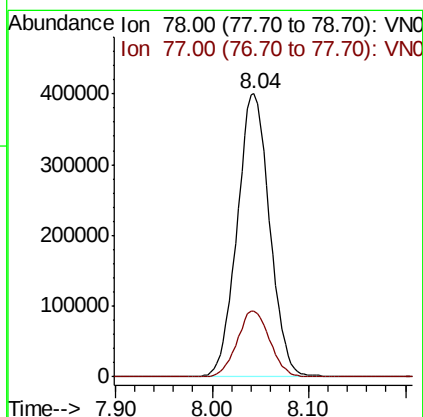
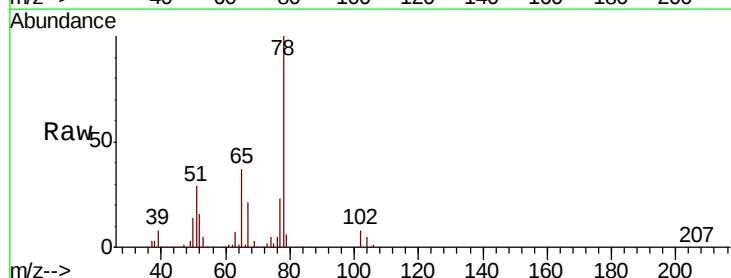
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

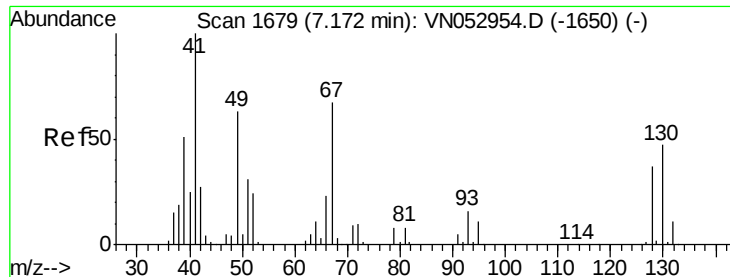
Tot Ion: 83 Resp: 357077
Ion Ratio Lower Upper
83 100
55 76.1 61.3 91.9
98 46.1 37.0 55.4



#40
Benzene
Concen: 19.940 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Tgt Ion: 78 Resp: 935444
Ion Ratio Lower Upper
78 100
77 23.3 18.5 27.7

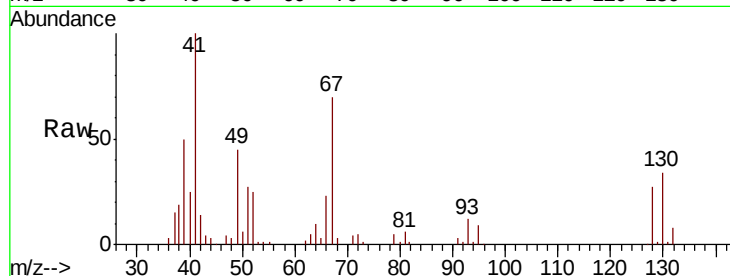




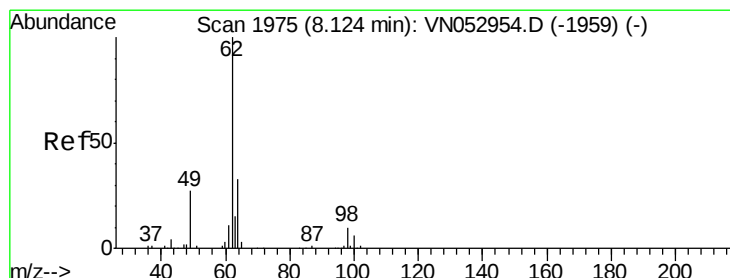
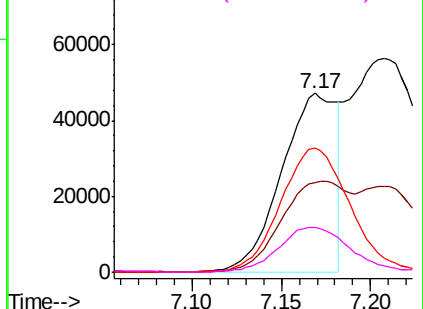
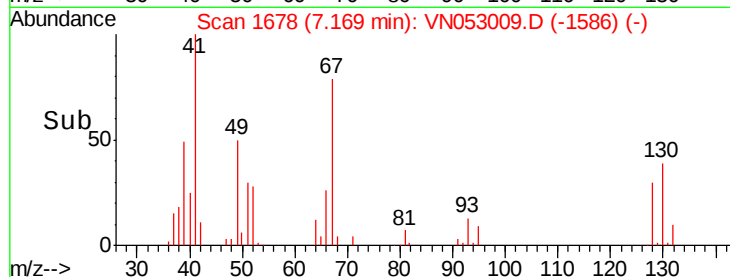
#41
Methacrylonitrile
Concen: 19.812 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

Tot Ion: 41 Resp: 100786
Ion Ratio Lower Upper
41 100
39 64.1 48.0 72.0
67 88.9 70.3 105.5
52 33.2 26.9 40.3

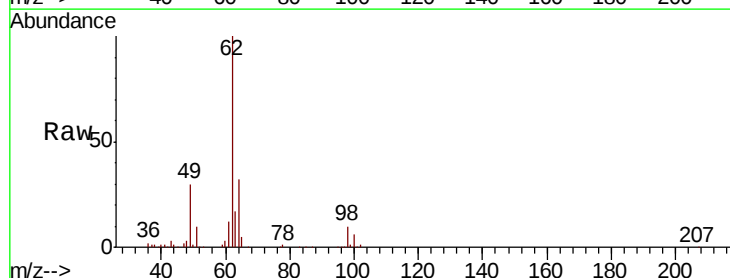


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

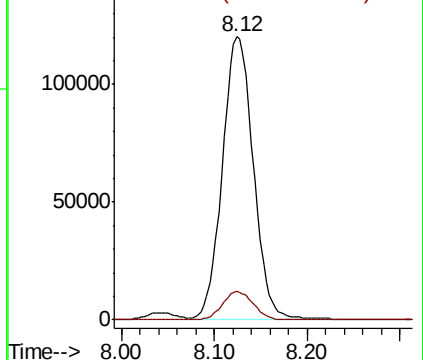
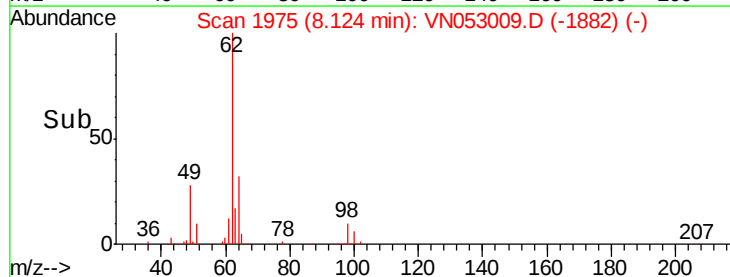


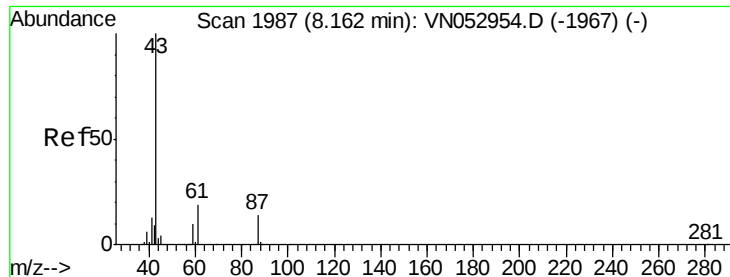
#42
1,2-Dichloroethane
Concen: 20.033 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Tgt Ion: 62 Resp: 277636
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 20.261 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

VN1219MBS01

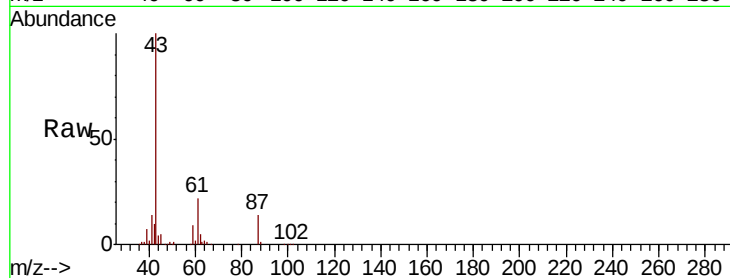
Tot Ion: 43 Resp: 355802

Ion Ratio Lower Upper

43 100

61 28.0 22.9 34.3

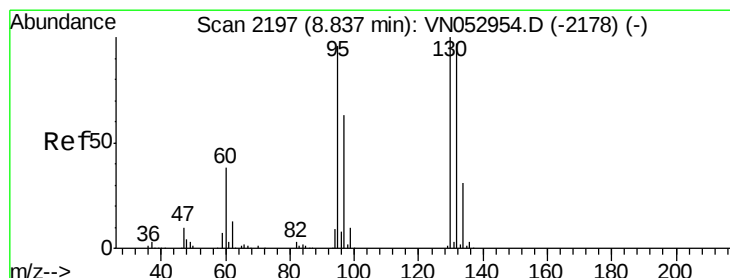
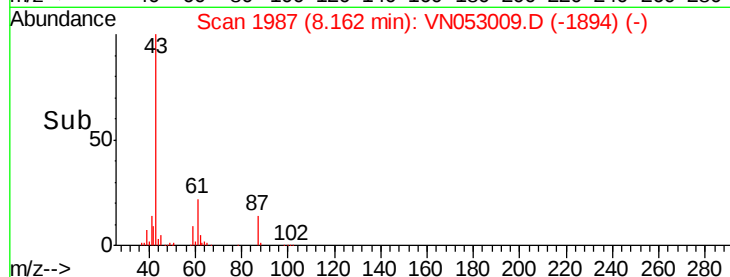
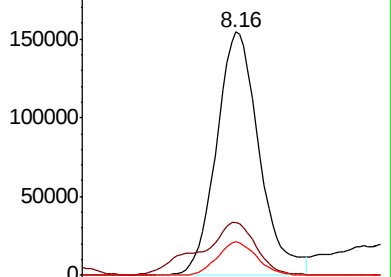
87 12.8 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052954.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052954.D (-1967) (-)



#44

Trichloroethene

Concen: 19.406 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN053009.D

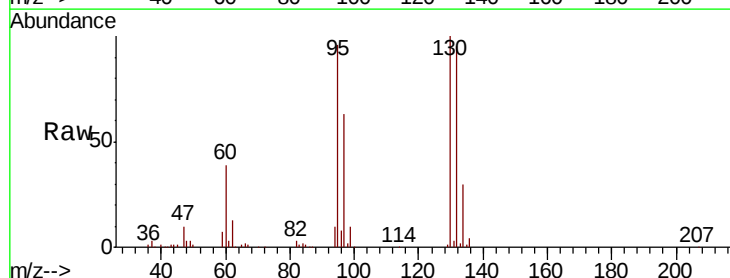
Acq: 19 Dec 2018 14:23

Tgt Ion: 130 Resp: 263318

Ion Ratio Lower Upper

130 100

95 96.5 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN052954.D (-2178) (-)

Ion 94.90 (94.60 to 95.60): VN052954.D (-2178) (-)

Ion 129.80 (129.50 to 130.50): VN052954.D (-2178) (-)

Ion 130.00 (129.70 to 130.30): VN052954.D (-2178) (-)

Ion 131.00 (130.70 to 131.30): VN052954.D (-2178) (-)

Ion 132.00 (131.70 to 132.30): VN052954.D (-2178) (-)

Ion 133.00 (132.70 to 133.30): VN052954.D (-2178) (-)

Ion 134.00 (133.70 to 134.30): VN052954.D (-2178) (-)

Ion 135.00 (134.70 to 135.30): VN052954.D (-2178) (-)

Ion 136.00 (135.70 to 136.30): VN052954.D (-2178) (-)

Ion 137.00 (136.70 to 137.30): VN052954.D (-2178) (-)

Ion 138.00 (137.70 to 138.30): VN052954.D (-2178) (-)

Ion 139.00 (138.70 to 139.30): VN052954.D (-2178) (-)

Ion 140.00 (139.70 to 140.30): VN052954.D (-2178) (-)

Ion 141.00 (140.70 to 141.30): VN052954.D (-2178) (-)

Ion 142.00 (141.70 to 142.30): VN052954.D (-2178) (-)

Ion 143.00 (142.70 to 143.30): VN052954.D (-2178) (-)

Ion 144.00 (143.70 to 144.30): VN052954.D (-2178) (-)

Ion 145.00 (144.70 to 145.30): VN052954.D (-2178) (-)

Ion 146.00 (145.70 to 146.30): VN052954.D (-2178) (-)

Ion 147.00 (146.70 to 147.30): VN052954.D (-2178) (-)

Ion 148.00 (147.70 to 148.30): VN052954.D (-2178) (-)

Ion 149.00 (148.70 to 149.30): VN052954.D (-2178) (-)

Ion 150.00 (149.70 to 150.30): VN052954.D (-2178) (-)

Ion 151.00 (150.70 to 151.30): VN052954.D (-2178) (-)

Ion 152.00 (151.70 to 152.30): VN052954.D (-2178) (-)

Ion 153.00 (152.70 to 153.30): VN052954.D (-2178) (-)

Ion 154.00 (153.70 to 154.30): VN052954.D (-2178) (-)

Ion 155.00 (154.70 to 155.30): VN052954.D (-2178) (-)

Ion 156.00 (155.70 to 156.30): VN052954.D (-2178) (-)

Ion 157.00 (156.70 to 157.30): VN052954.D (-2178) (-)

Ion 158.00 (157.70 to 158.30): VN052954.D (-2178) (-)

Ion 159.00 (158.70 to 159.30): VN052954.D (-2178) (-)

Ion 160.00 (159.70 to 160.30): VN052954.D (-2178) (-)

Ion 161.00 (160.70 to 161.30): VN052954.D (-2178) (-)

Ion 162.00 (161.70 to 162.30): VN052954.D (-2178) (-)

Ion 163.00 (162.70 to 163.30): VN052954.D (-2178) (-)

Ion 164.00 (163.70 to 164.30): VN052954.D (-2178) (-)

Ion 165.00 (164.70 to 165.30): VN052954.D (-2178) (-)

Ion 166.00 (165.70 to 166.30): VN052954.D (-2178) (-)

Ion 167.00 (166.70 to 167.30): VN052954.D (-2178) (-)

Ion 168.00 (167.70 to 168.30): VN052954.D (-2178) (-)

Ion 169.00 (168.70 to 169.30): VN052954.D (-2178) (-)

Ion 170.00 (169.70 to 170.30): VN052954.D (-2178) (-)

Ion 171.00 (170.70 to 171.30): VN052954.D (-2178) (-)

Ion 172.00 (171.70 to 172.30): VN052954.D (-2178) (-)

Ion 173.00 (172.70 to 173.30): VN052954.D (-2178) (-)

Ion 174.00 (173.70 to 174.30): VN052954.D (-2178) (-)

Ion 175.00 (174.70 to 175.30): VN052954.D (-2178) (-)

Ion 176.00 (175.70 to 176.30): VN052954.D (-2178) (-)

Ion 177.00 (176.70 to 177.30): VN052954.D (-2178) (-)

Ion 178.00 (177.70 to 178.30): VN052954.D (-2178) (-)

Ion 179.00 (178.70 to 179.30): VN052954.D (-2178) (-)

Ion 180.00 (179.70 to 180.30): VN052954.D (-2178) (-)

Ion 181.00 (180.70 to 181.30): VN052954.D (-2178) (-)

Ion 182.00 (181.70 to 182.30): VN052954.D (-2178) (-)

Ion 183.00 (182.70 to 183.30): VN052954.D (-2178) (-)

Ion 184.00 (183.70 to 184.30): VN052954.D (-2178) (-)

Ion 185.00 (184.70 to 185.30): VN052954.D (-2178) (-)

Ion 186.00 (185.70 to 186.30): VN052954.D (-2178) (-)

Ion 187.00 (186.70 to 187.30): VN052954.D (-2178) (-)

Ion 188.00 (187.70 to 188.30): VN052954.D (-2178) (-)

Ion 189.00 (188.70 to 189.30): VN052954.D (-2178) (-)

Ion 190.00 (189.70 to 190.30): VN052954.D (-2178) (-)

Ion 191.00 (190.70 to 191.30): VN052954.D (-2178) (-)

Ion 192.00 (191.70 to 192.30): VN052954.D (-2178) (-)

Ion 193.00 (192.70 to 193.30): VN052954.D (-2178) (-)

Ion 194.00 (193.70 to 194.30): VN052954.D (-2178) (-)

Ion 195.00 (194.70 to 195.30): VN052954.D (-2178) (-)

Ion 196.00 (195.70 to 196.30): VN052954.D (-2178) (-)

Ion 197.00 (196.70 to 197.30): VN052954.D (-2178) (-)

Ion 198.00 (197.70 to 198.30): VN052954.D (-2178) (-)

Ion 199.00 (198.70 to 199.30): VN052954.D (-2178) (-)

Ion 200.00 (199.70 to 200.30): VN052954.D (-2178) (-)

Ion 201.00 (200.70 to 201.30): VN052954.D (-2178) (-)

Ion 202.00 (201.70 to 202.30): VN052954.D (-2178) (-)

Ion 203.00 (202.70 to 203.30): VN052954.D (-2178) (-)

Ion 204.00 (203.70 to 204.30): VN052954.D (-2178) (-)

Ion 205.00 (204.70 to 205.30): VN052954.D (-2178) (-)

Ion 206.00 (205.70 to 206.30): VN052954.D (-2178) (-)

Ion 207.00 (206.70 to 207.30): VN052954.D (-2178) (-)

Ion 208.00 (207.70 to 208.30): VN052954.D (-2178) (-)

Ion 209.00 (208.70 to 209.30): VN052954.D (-2178) (-)

Ion 210.00 (209.70 to 210.30): VN052954.D (-2178) (-)

Ion 211.00 (210.70 to 211.30): VN052954.D (-2178) (-)

Ion 212.00 (211.70 to 212.30): VN052954.D (-2178) (-)

Ion 213.00 (212.70 to 213.30): VN052954.D (-2178) (-)

Ion 214.00 (213.70 to 214.30): VN052954.D (-2178) (-)

Ion 215.00 (214.70 to 215.30): VN052954.D (-2178) (-)

Ion 216.00 (215.70 to 216.30): VN052954.D (-2178) (-)

Ion 217.00 (216.70 to 217.30): VN052954.D (-2178) (-)

Ion 218.00 (217.70 to 218.30): VN052954.D (-2178) (-)

Ion 219.00 (218.70 to 219.30): VN052954.D (-2178) (-)

Ion 220.00 (219.70 to 220.30): VN052954.D (-2178) (-)

Ion 221.00 (220.70 to 221.30): VN052954.D (-2178) (-)

Ion 222.00 (221.70 to 222.30): VN052954.D (-2178) (-)

Ion 223.00 (222.70 to 223.30): VN052954.D (-2178) (-)

Ion 224.00 (223.70 to 224.30): VN052954.D (-2178) (-)

Ion 225.00 (224.70 to 225.30): VN052954.D (-2178) (-)

Ion 226.00 (225.70 to 226.30): VN052954.D (-2178) (-)

Ion 227.00 (226.70 to 227.30): VN052954.D (-2178) (-)

Ion 228.00 (227.70 to 228.30): VN052954.D (-2178) (-)

Ion 229.00 (228.70 to 229.30): VN052954.D (-2178) (-)

Ion 230.00 (229.70 to 230.30): VN052954.D (-2178) (-)

Ion 231.00 (230.70 to 231.30): VN052954.D (-2178) (-)

Ion 232.00 (231.70 to 232.30): VN052954.D (-2178) (-)

Ion 233.00 (232.70 to 233.30): VN052954.D (-2178) (-)

Ion 234.00 (233.70 to 234.30): VN052954.D (-2178) (-)

Ion 235.00 (234.70 to 235.30): VN052954.D (-2178) (-)

Ion 236.00 (235.70 to 236.30): VN052954.D (-2178) (-)

Ion 237.00 (236.70 to 237.30): VN052954.D (-2178) (-)

Ion 238.00 (237.70 to 238.30): VN052954.D (-2178) (-)

Ion 239.00 (238.70 to 239.30): VN052954.D (-2178) (-)

Ion 240.00 (239.70 to 240.30): VN052954.D (-2178) (-)

Ion 241.00 (240.70 to 241.30): VN052954.D (-2178) (-)

Ion 242.00 (241.70 to 242.30): VN052954.D (-2178) (-)

Ion 243.00 (242.70 to 243.30): VN052954.D (-2178) (-)

Ion 244.00 (243.70 to 244.30): VN052954.D (-2178) (-)

Ion 245.00 (244.70 to 245.30): VN052954.D (-2178) (-)

Ion 246.00 (245.70 to 246.30): VN052954.D (-2178) (-)

Ion 247.00 (246.70 to 247.30): VN052954.D (-2178) (-)

Ion 248.00 (247.70 to 248.30): VN052954.D (-2178) (-)

Ion 249.00 (248.70 to 249.30): VN052954.D (-2178) (-)

Ion 250.00 (249.70 to 250.30): VN052954.D (-2178) (-)

Ion 251.00 (250.70 to 251.30): VN052954.D (-2178) (-)

Ion 252.00 (251.70 to 252.30): VN052954.D (-2178) (-)

Ion 253.00 (252.70 to 253.30): VN052954.D (-2178) (-)

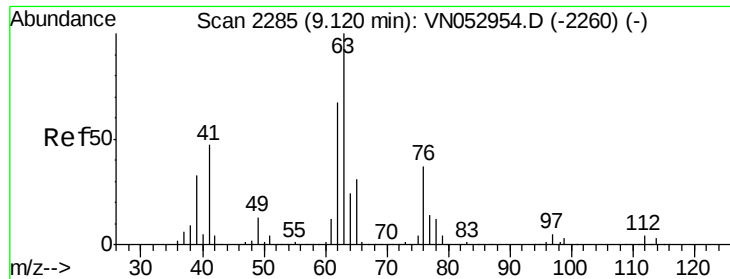
Ion 254.00 (253.70 to 254.30): VN052954.D (-2178) (-)

Ion 255.00 (254.70 to 255.30): VN052954.D (-2178) (-)

Ion 256.00 (255.70 to 256.30): VN052954.D (-2178) (-)

Ion 257.00 (256.70 to 257.30): VN052954.D (-2178) (-)

Ion 258.00 (257.70 to 258.30): VN052954.D (-2178) (-)



#45

1,2-Dichloropropane

Concen: 20.299 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampled :

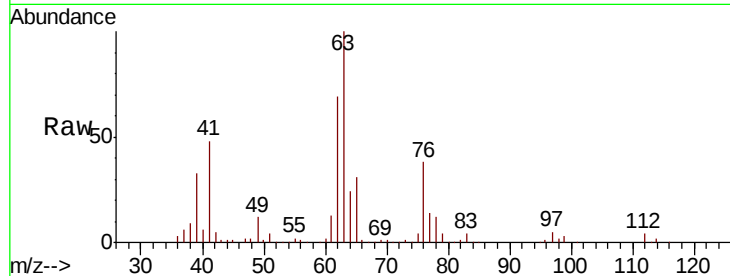
VN1219MBS01

Tot Ion: 63 Resp: 248039

Ion Ratio Lower Upper

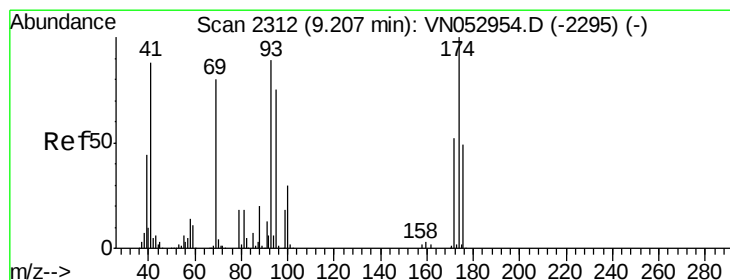
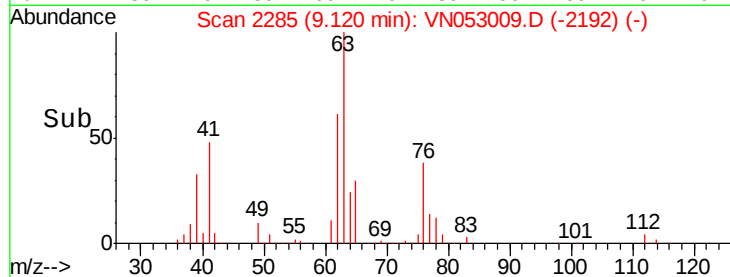
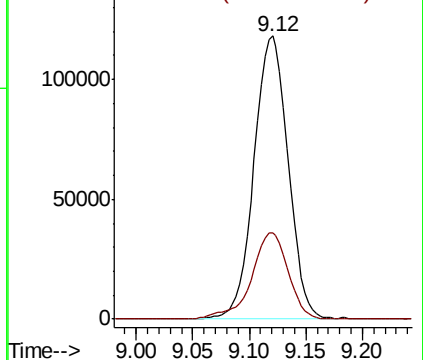
63 100

65 30.5 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.939 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

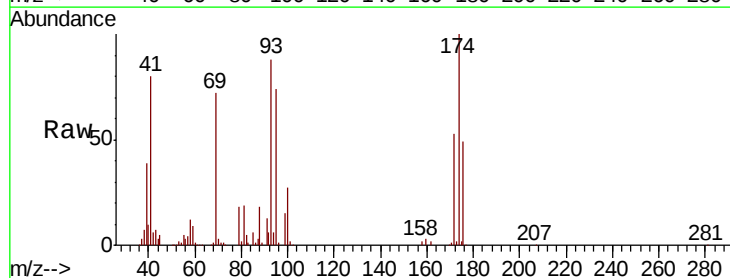
Tgt Ion: 93 Resp: 141932

Ion Ratio Lower Upper

93 100

95 84.1 67.8 101.6

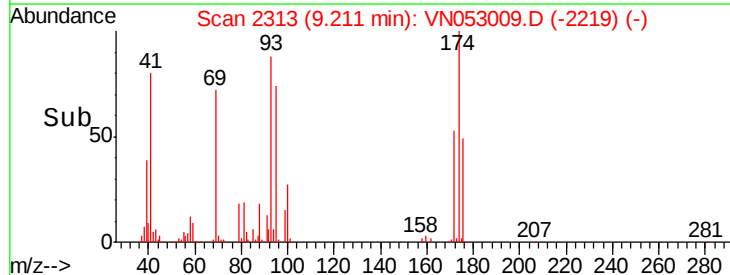
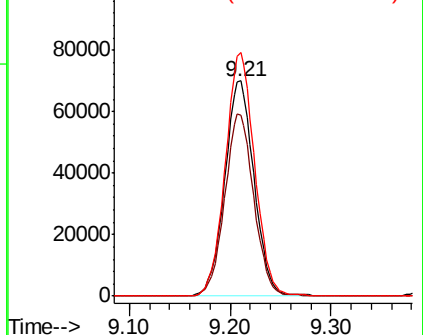
174 113.1 89.0 133.4



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.430 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

VN1219MBS01

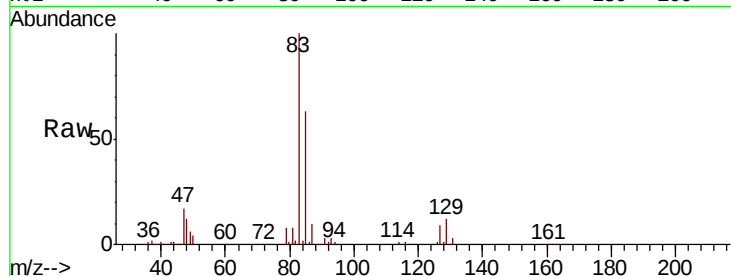
Tot Ion: 83 Resp: 293996

Ion Ratio Lower Upper

83 100

85 63.2 51.6 77.4

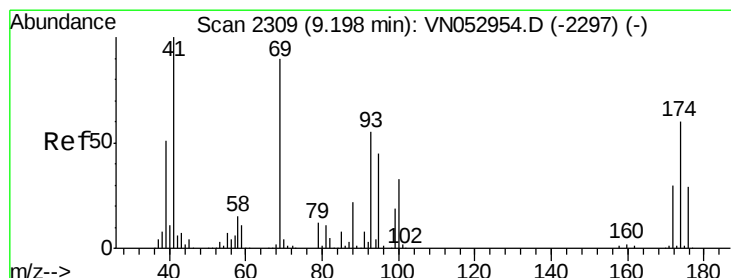
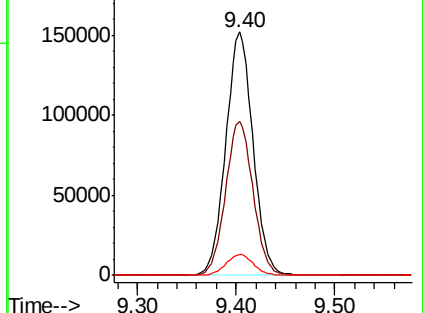
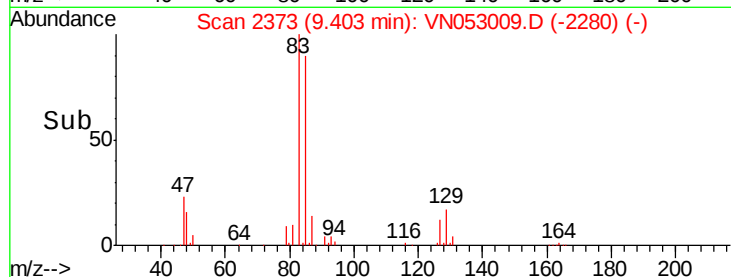
127 8.6 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN053009.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053009.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053009.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.304 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

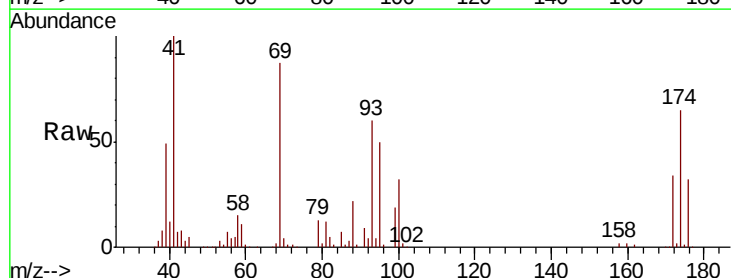
Tgt Ion: 41 Resp: 173474

Ion Ratio Lower Upper

41 100

69 91.6 72.2 108.2

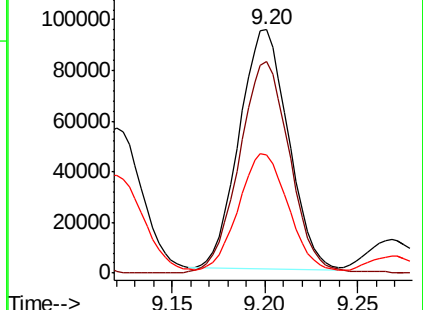
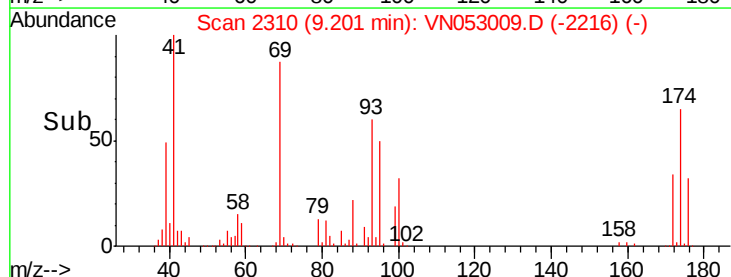
39 51.3 41.9 62.9

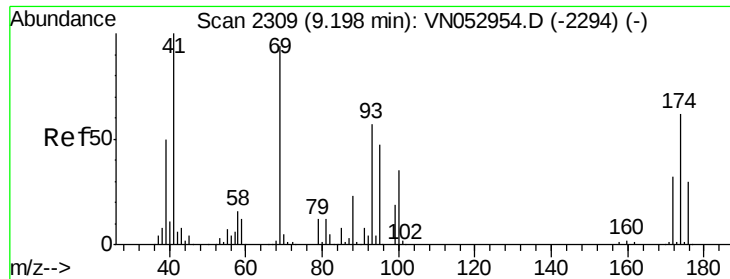


Abundance Ion 41.00 (40.70 to 41.70): VN053009.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN053009.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN053009.D (-2216) (-)

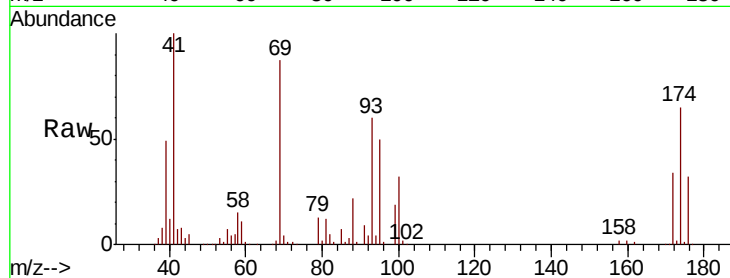




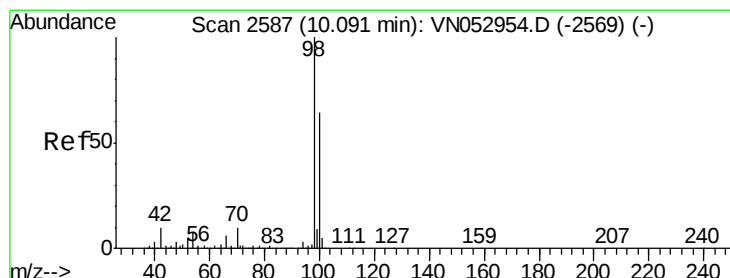
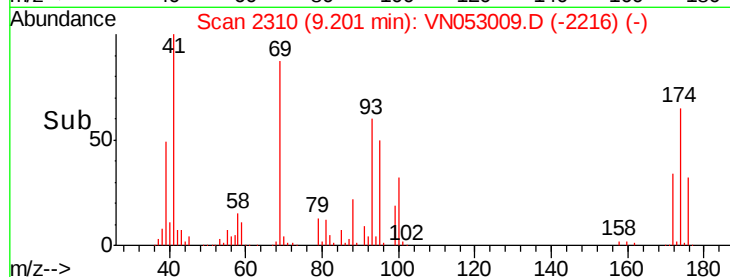
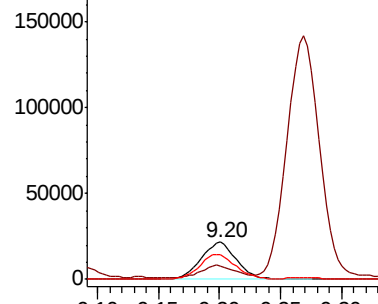
#49
1,4-Dioxane
Concen: 400.497 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

Tot Ion: 88 Resp: 43283
Ion Ratio Lower Upper
88 100
43 32.6 26.6 40.0
58 68.7 58.4 87.6

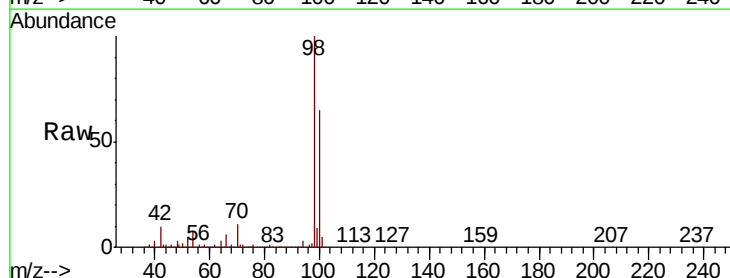


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

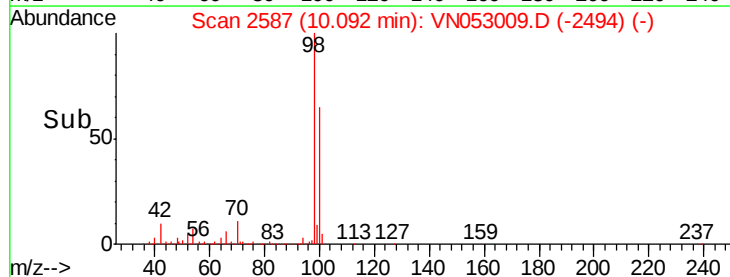
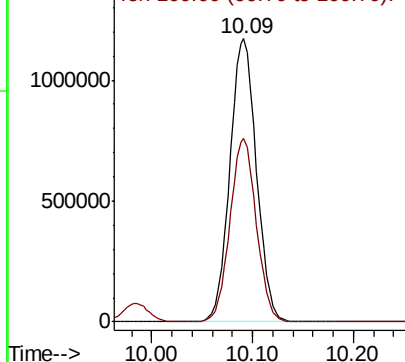


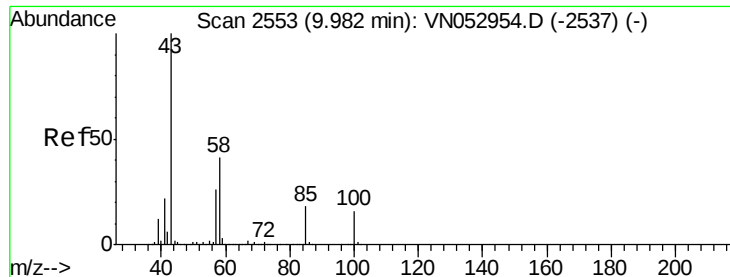
#50
Toluene-d8
Concen: 400.497 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Tgt Ion: 98 Resp: 2148922
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 106.471 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampled :

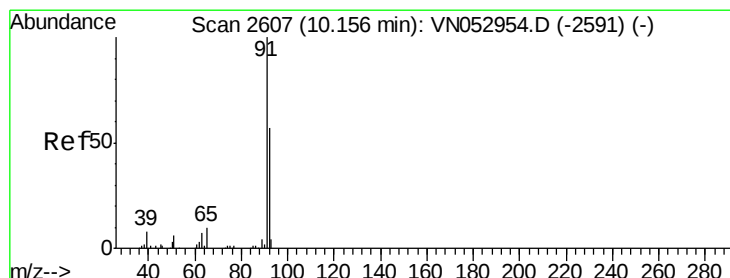
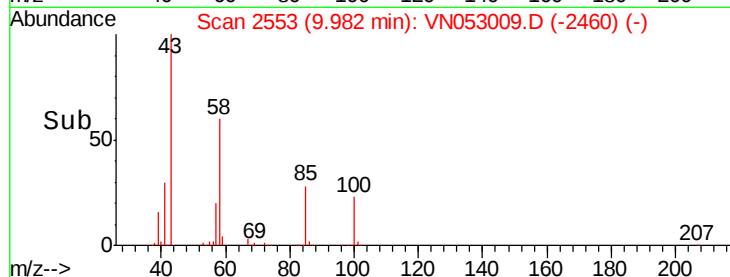
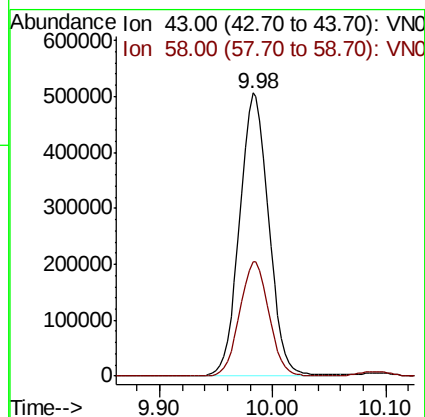
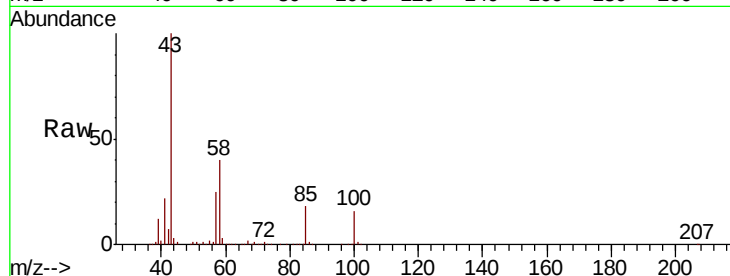
VN1219MBS01

Tot Ion: 43 Resp: 907819

Ion Ratio Lower Upper

43 100

58 40.7 32.2 48.4



#52

Toluene

Concen: 19.782 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053009.D

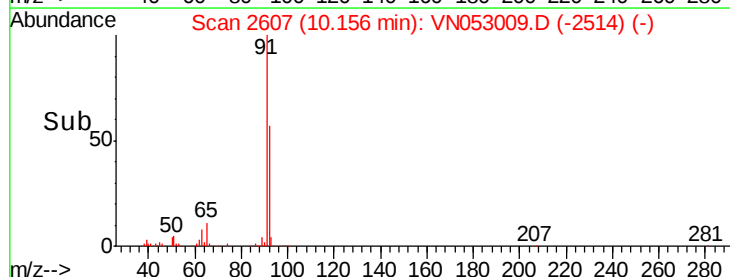
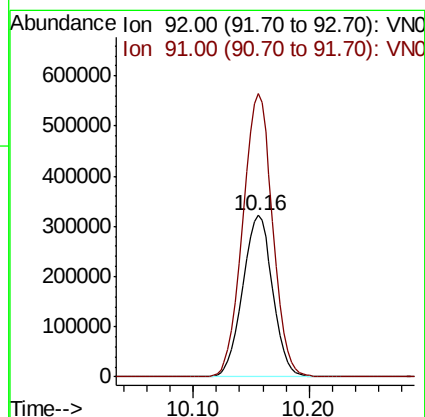
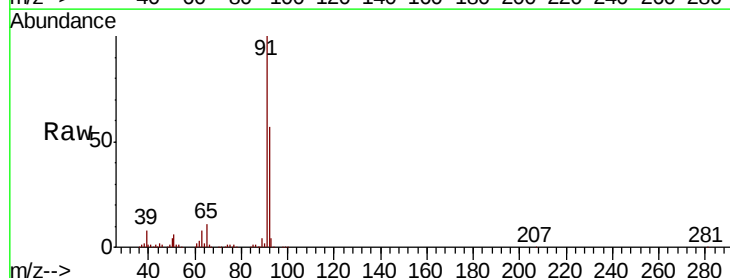
Acq: 19 Dec 2018 14:23

Tgt Ion: 92 Resp: 575206

Ion Ratio Lower Upper

92 100

91 175.2 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 18.302 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

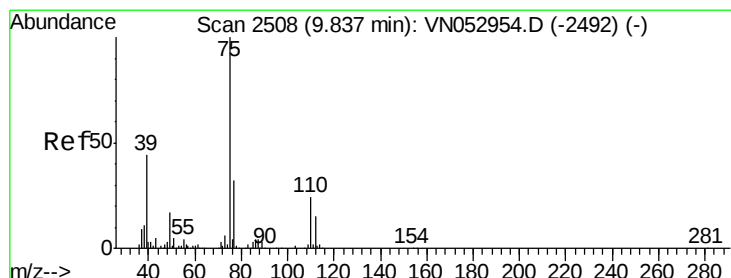
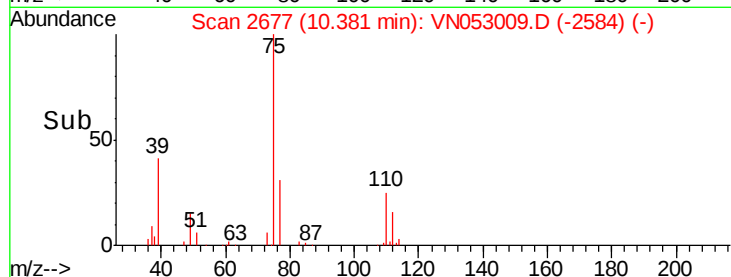
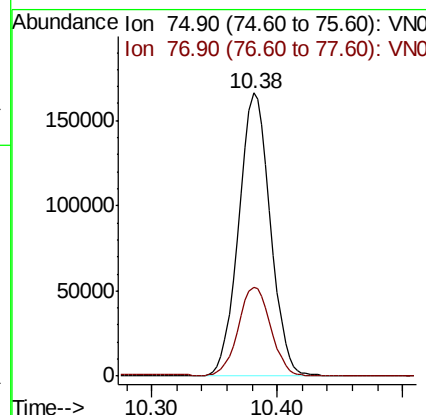
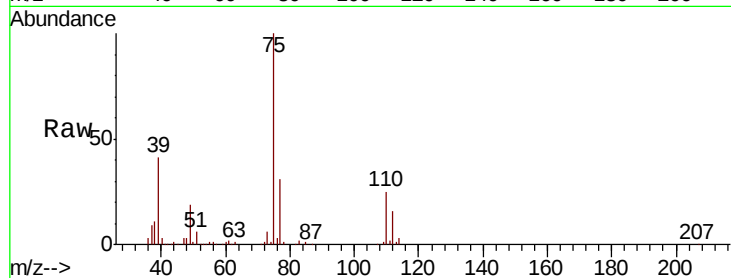
VN1219MBS01

Tot Ion: 75 Resp: 291211

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 19.202 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

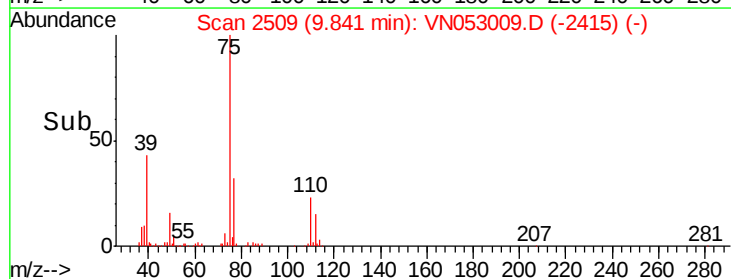
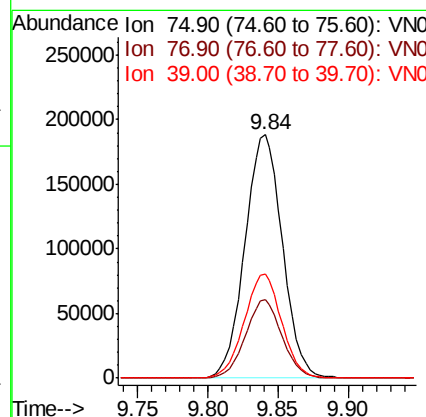
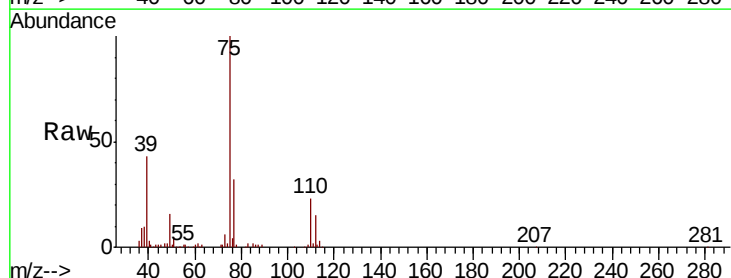
Tgt Ion: 75 Resp: 350697

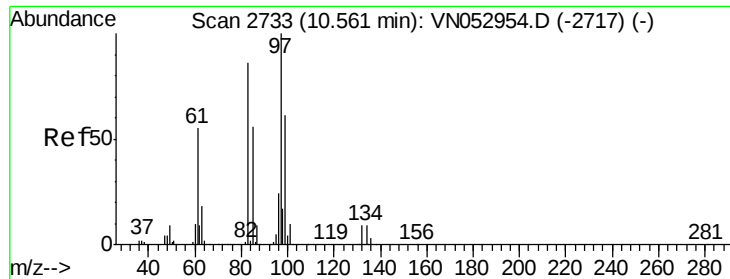
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.8

39 42.6 34.8 52.2

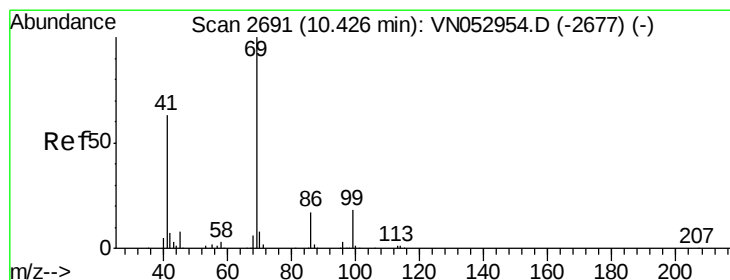
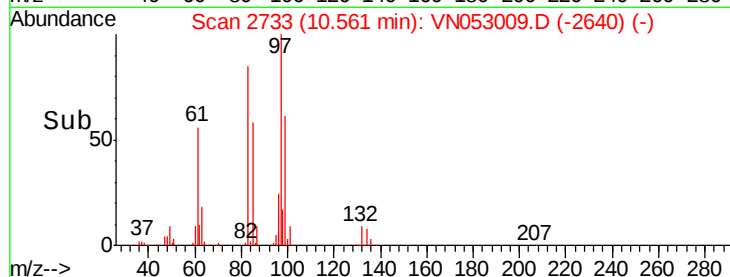
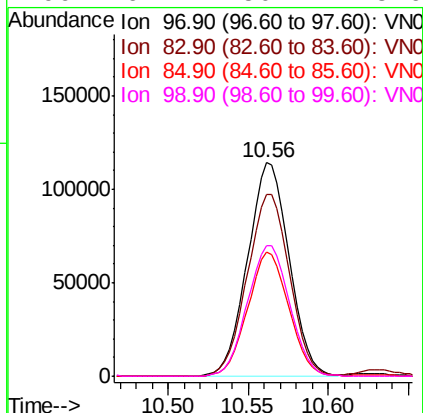
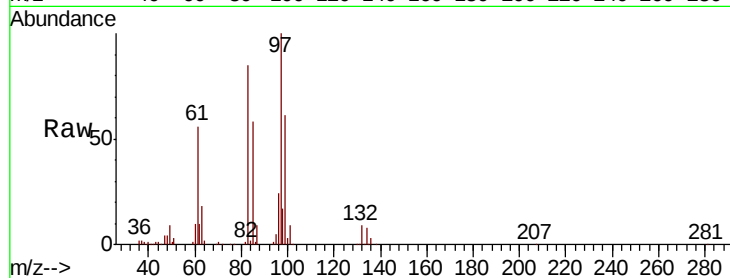




#55
 1,1,2-Trichloroethane
 Concen: 20.134 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

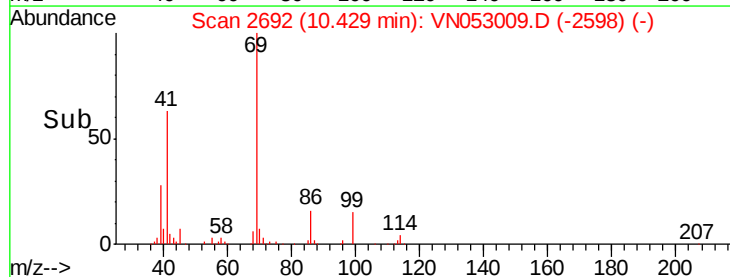
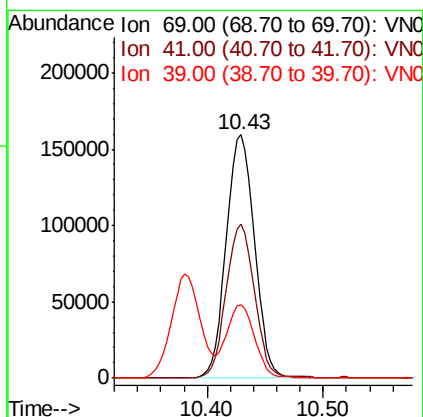
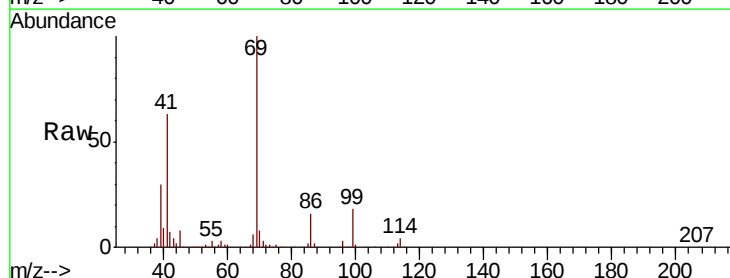
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01

Tot Ion:	97	Resp:	204245
Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.9	106.3
85	58.1	45.4	68.2
99	61.4	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 20.080 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

Tgt Ion:	69	Resp:	269614
Ion	Ratio	Lower	Upper
69	100		
41	62.2	51.7	77.5
39	29.8	24.6	37.0





#57

1,3-Dichloropropane

Concen: 20.369 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

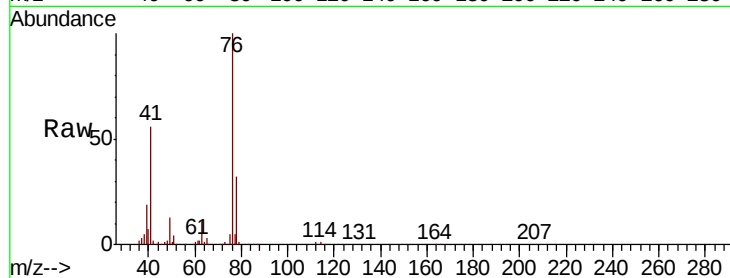
VN1219MBS01

Tot Ion: 76 Resp: 354338

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN052954.D (-2762) (-)

Ion 77.90 (77.60 to 78.60): VN052954.D (-2762) (-)

10.71

200000

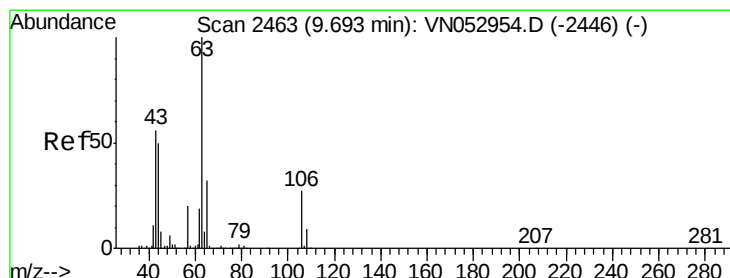
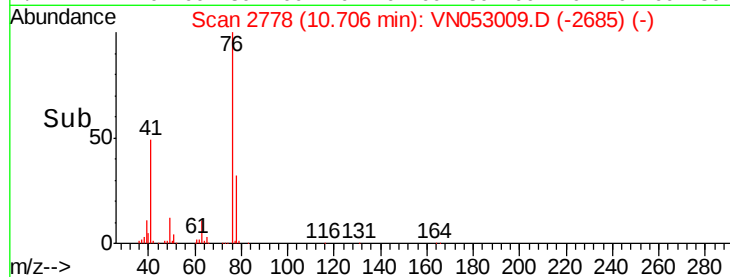
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 106.036 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053009.D

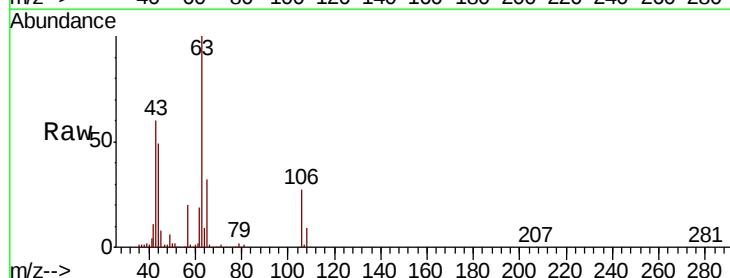
Acq: 19 Dec 2018 14:23

Tgt Ion: 63 Resp: 781624

Ion Ratio Lower Upper

63 100

106 26.9 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VN052954.D (-2446) (-)

Ion 105.90 (105.60 to 106.60): VN052954.D (-2446) (-)

9.70

500000

400000

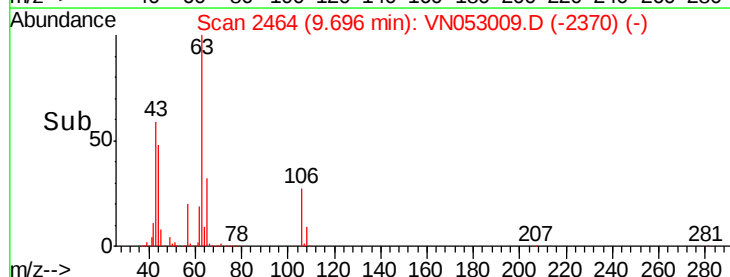
300000

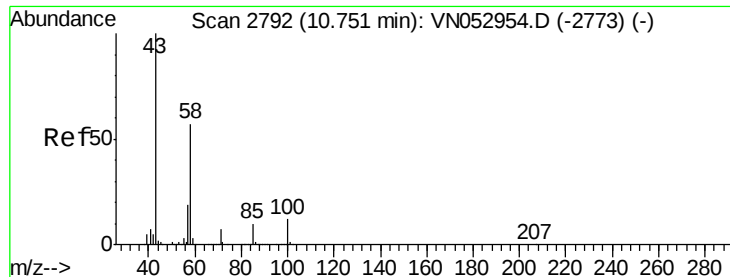
200000

100000

0

Time-->

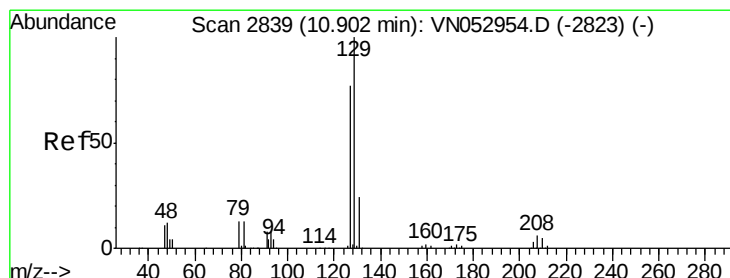
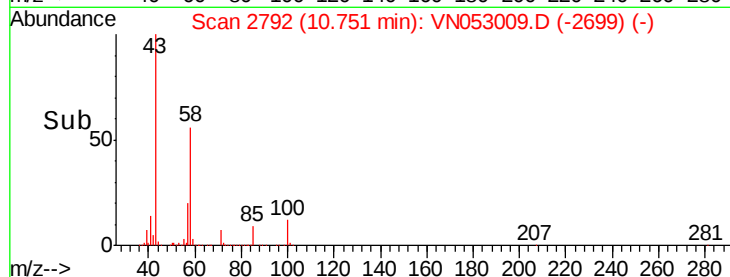
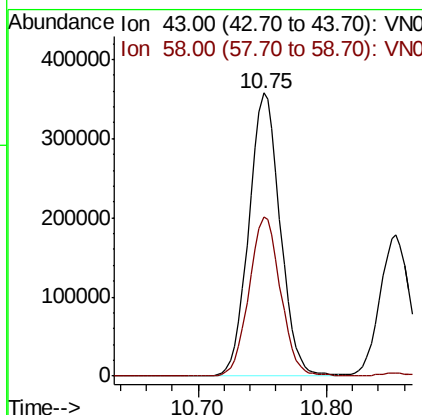
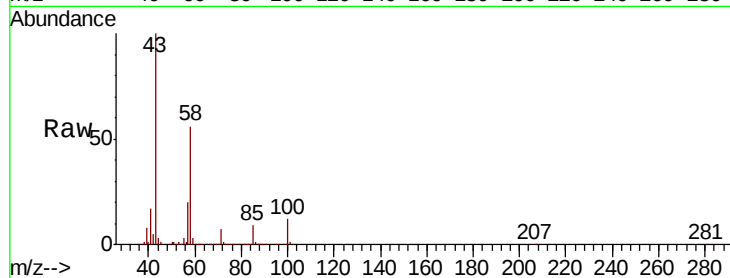




#59
2-Hexanone
Concen: 104.288 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

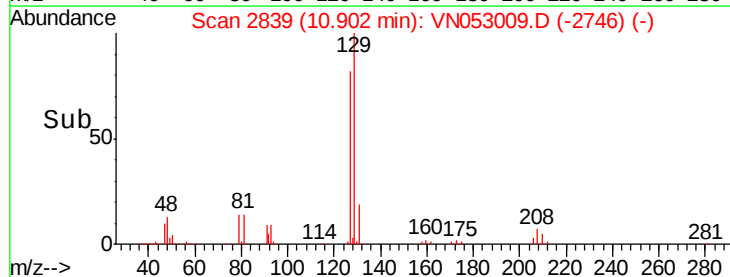
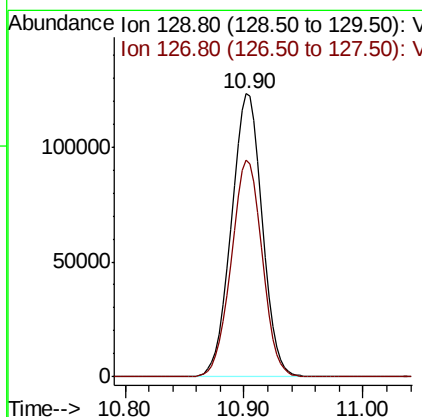
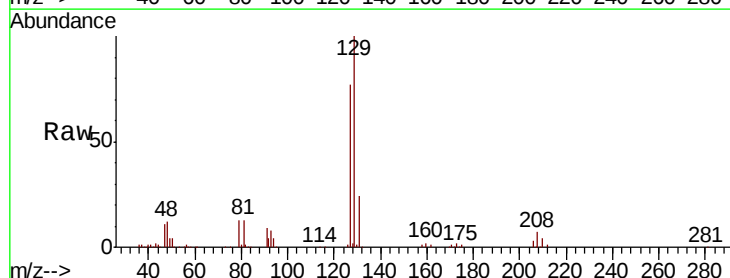
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

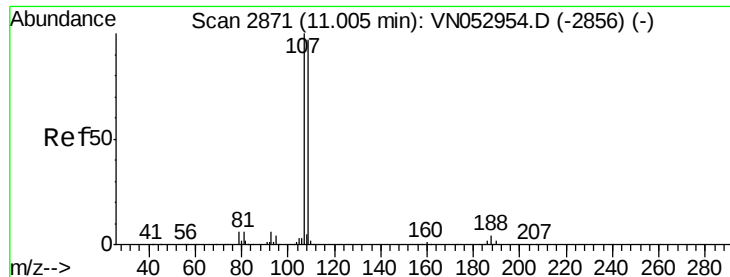
Tot Ion: 43 Resp: 601624
Ion Ratio Lower Upper
43 100
58 57.0 28.1 84.3



#60
Dibromochloromethane
Concen: 19.097 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Tgt Ion: 129 Resp: 221756
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0

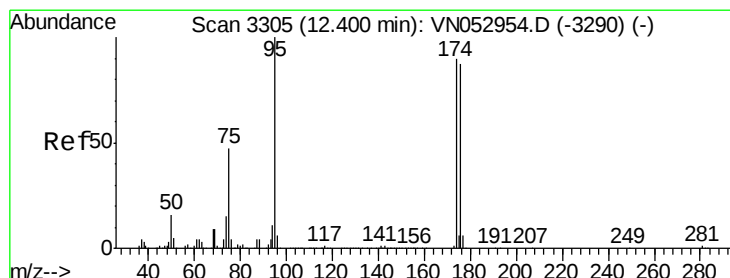
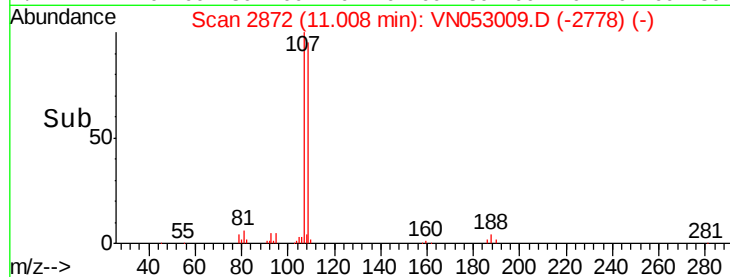
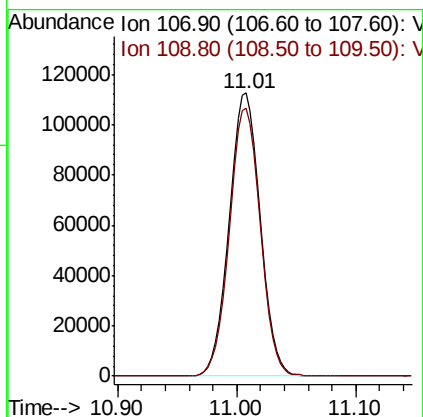
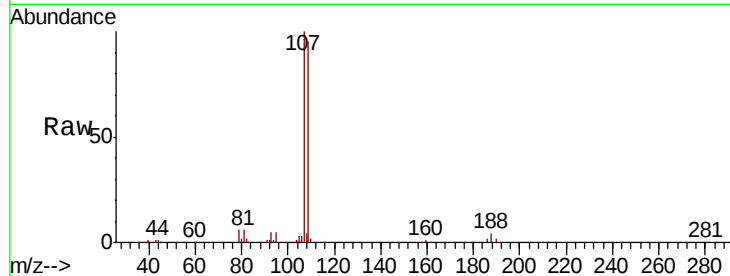




#61
 1,2-Dibromoethane
 Concen: 19.771 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

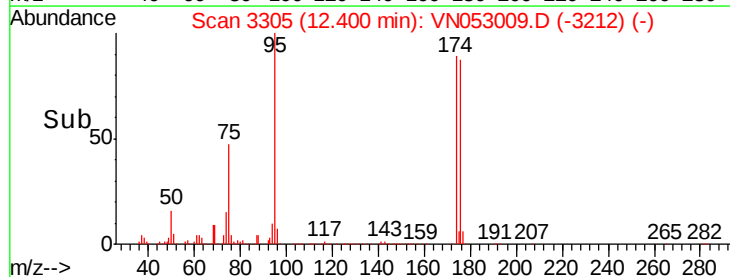
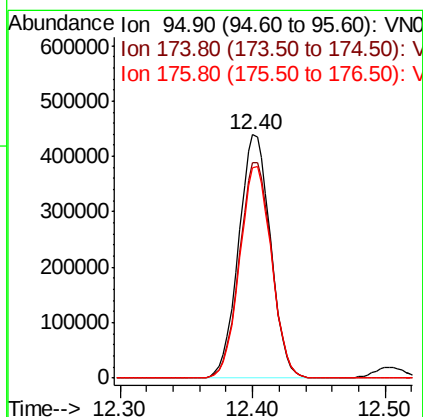
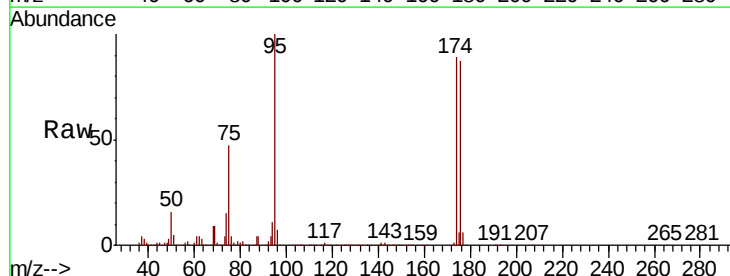
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01

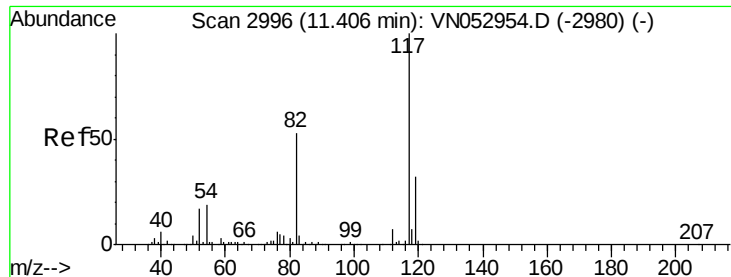
Tot Ion: 107 Resp: 203691
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 19.771 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

Tgt Ion: 95 Resp: 732166
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 178.8
 176 86.9 0.0 173.8

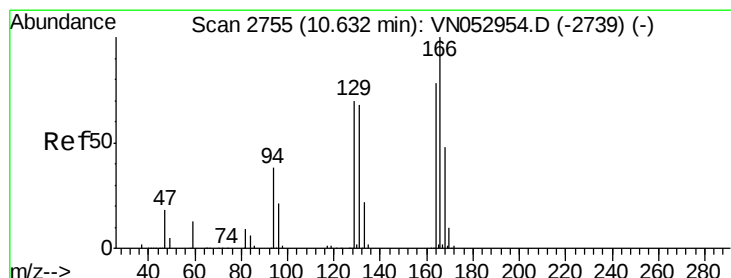
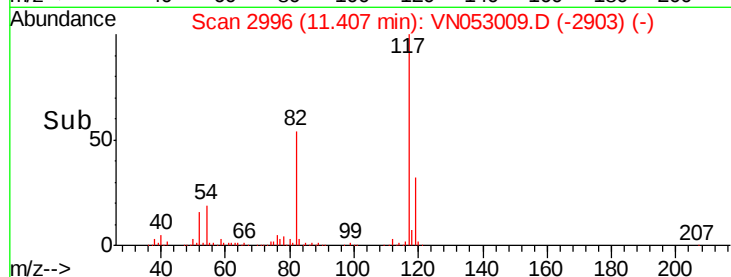
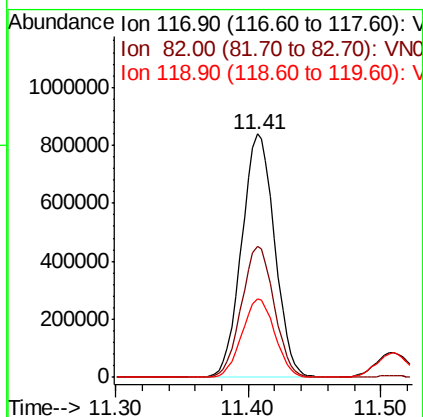
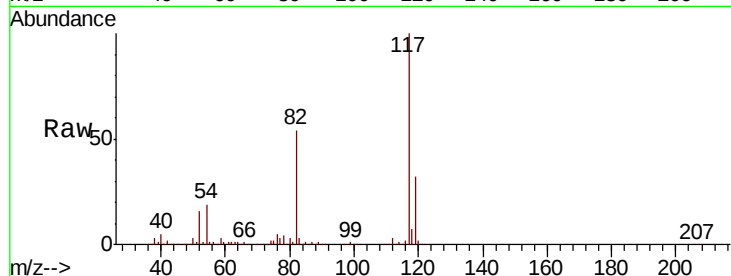




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

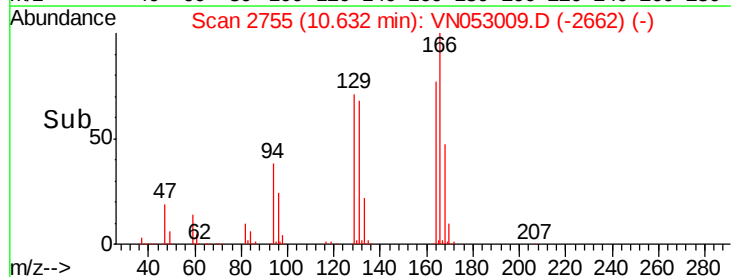
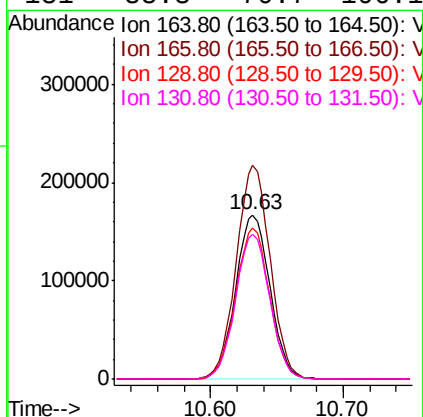
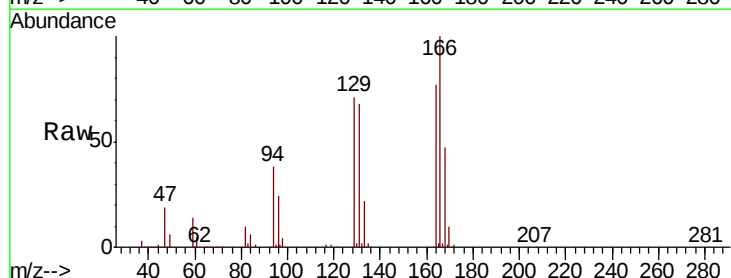
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

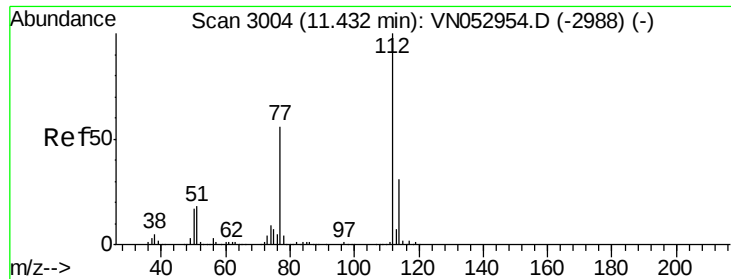
Tot Ion:117 Resp: 1449373
Ion Ratio Lower Upper
117 100
82 54.0 42.8 64.2
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 19.062 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Tgt Ion:164 Resp: 299270
Ion Ratio Lower Upper
164 100
166 130.4 102.9 154.3
129 92.5 73.7 110.5
131 88.3 70.7 106.1





#65

Chlorobenzene

Concen: 19.543 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

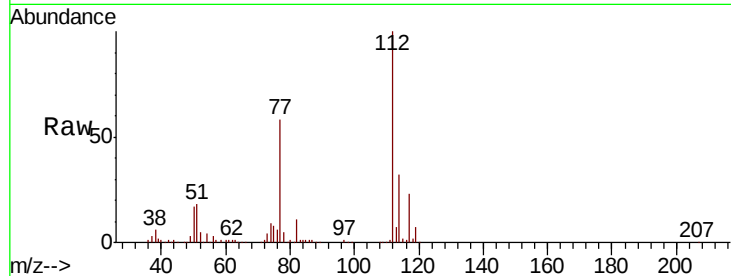
VN1219MBS01

Tot Ion:112 Resp: 627880

Ion Ratio Lower Upper

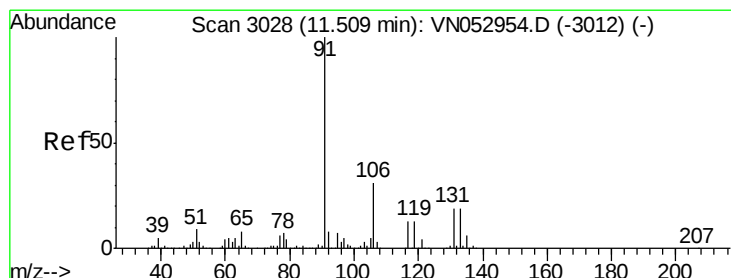
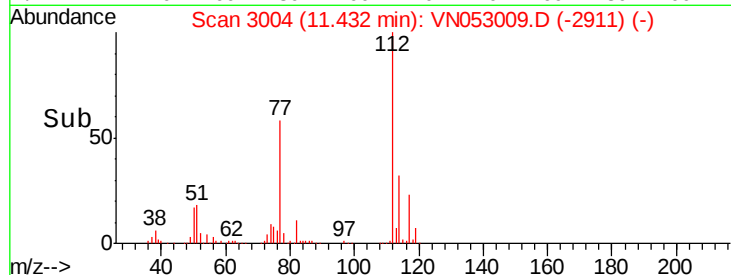
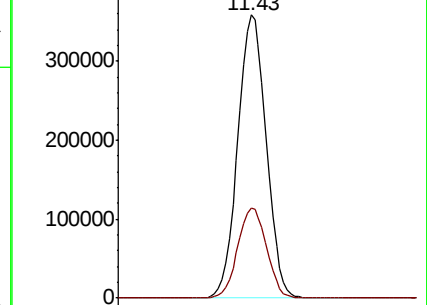
112 100

114 31.8 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.310 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

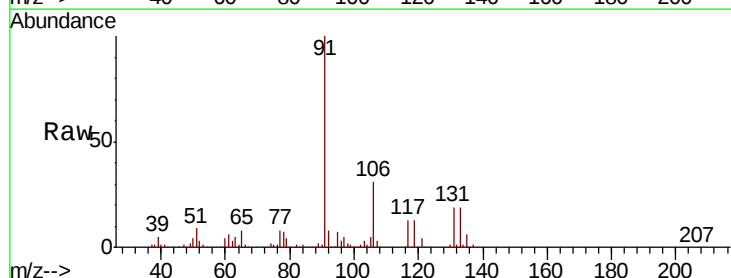
Tgt Ion:131 Resp: 215739

Ion Ratio Lower Upper

131 100

133 96.6 47.6 142.9

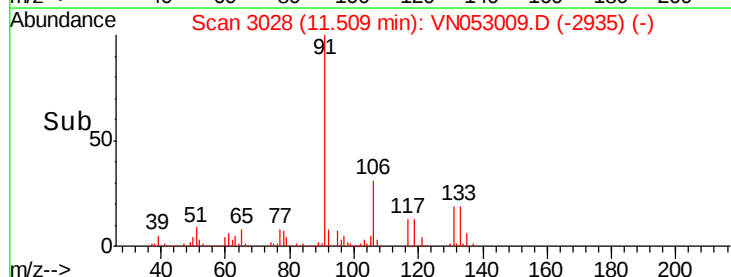
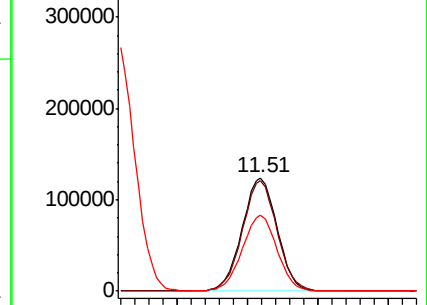
119 66.8 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

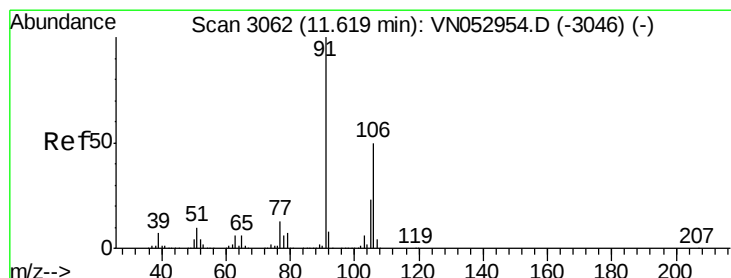
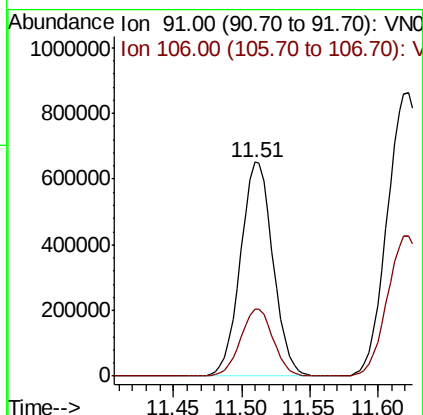
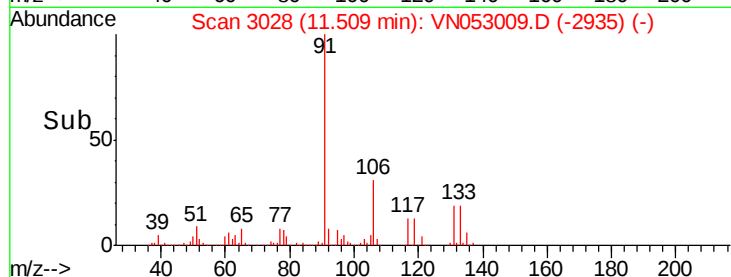
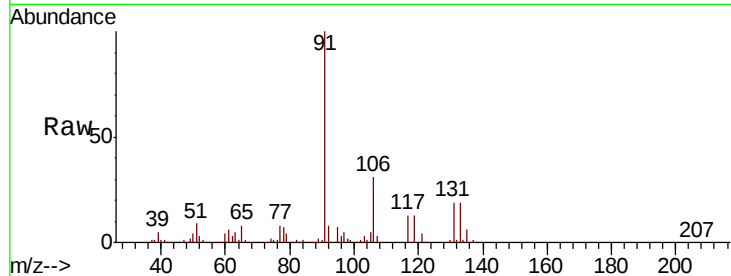




#67
Ethyl Benzene
Concen: 19.516 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

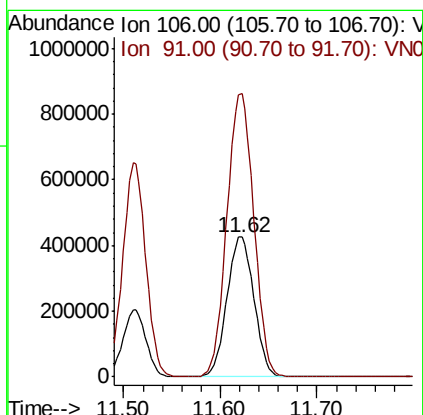
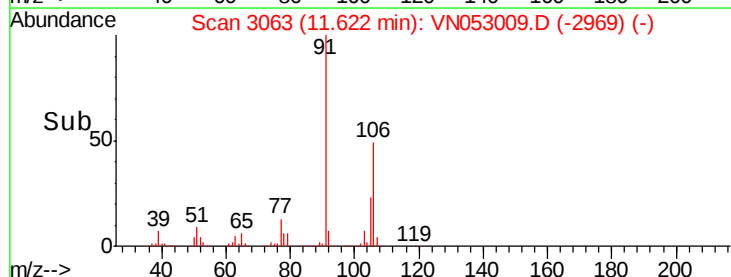
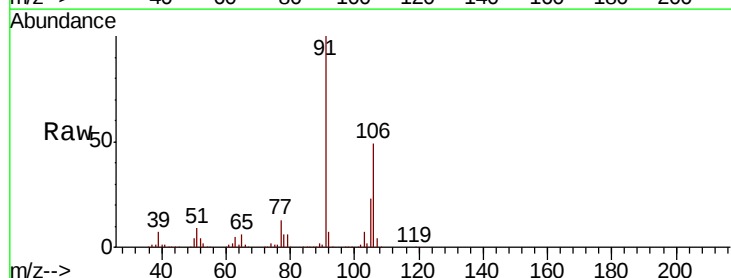
Instrument :
MSVOA_N
ClientSampled :
VN1219MBS01

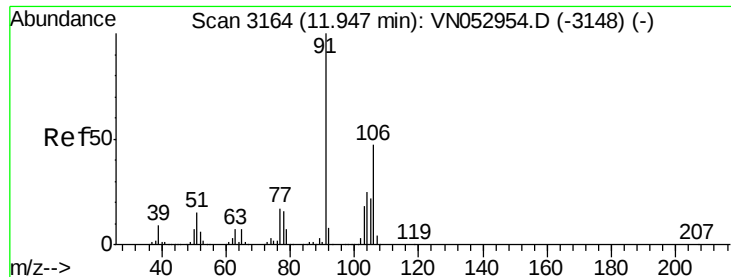
Tot Ion: 91 Resp: 1078304
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 39.162 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Tgt Ion: 106 Resp: 822585
Ion Ratio Lower Upper
106 100
91 202.8 162.2 243.4

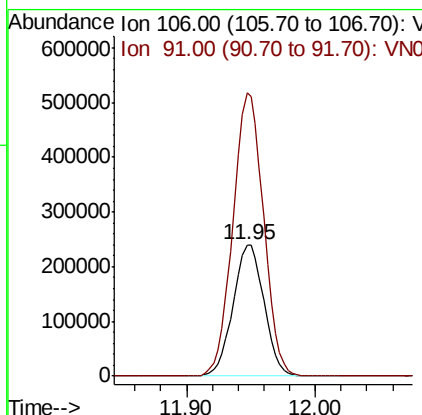
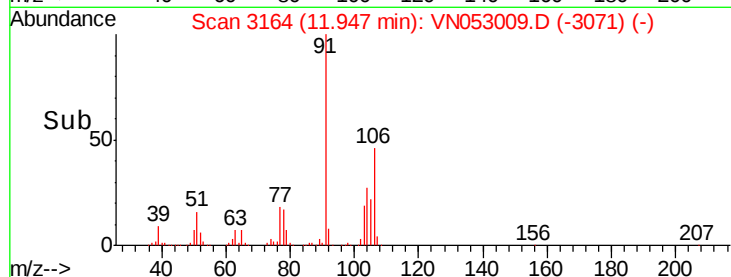
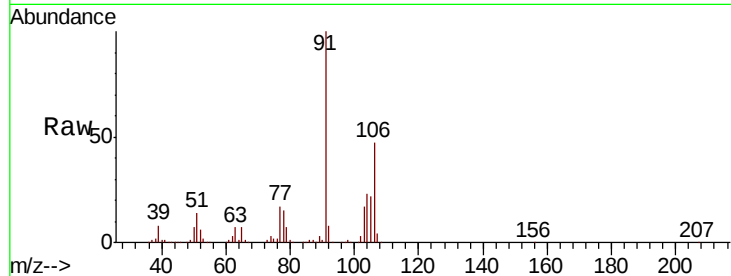




#69
o-Xylene
Concen: 19.838 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

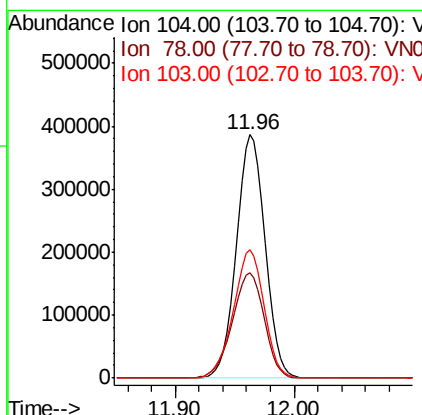
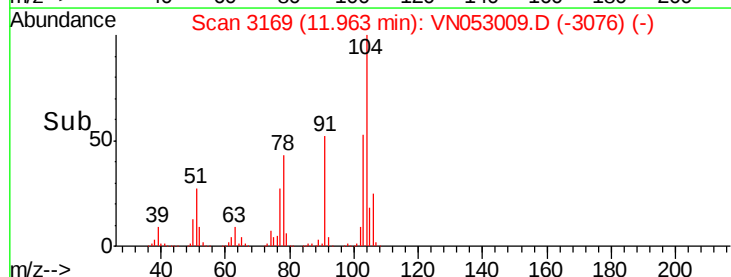
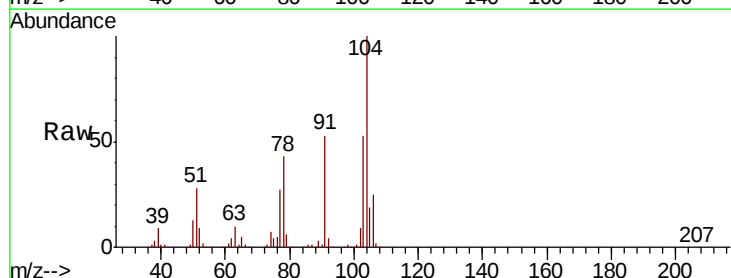
Instrument :
MSVOA_N
ClientSampled :
VN1219MBS01

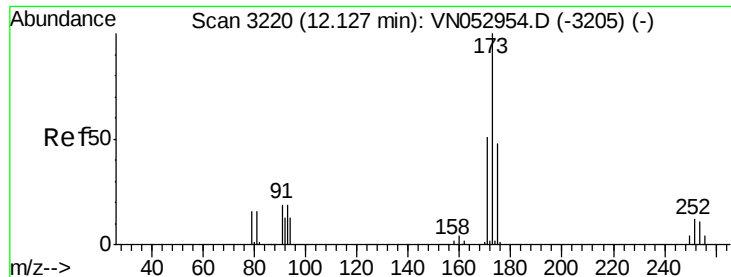
Tot Ion:106 Resp: 399857
Ion Ratio Lower Upper
106 100
91 213.6 106.6 319.8



#70
Styrene
Concen: 19.663 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Tgt Ion:104 Resp: 646229
Ion Ratio Lower Upper
104 100
78 48.1 38.9 58.3
103 56.4 44.3 66.5

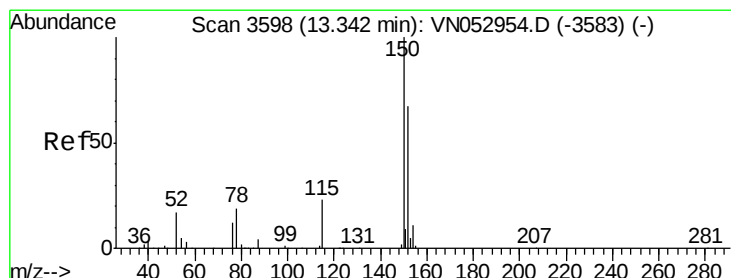
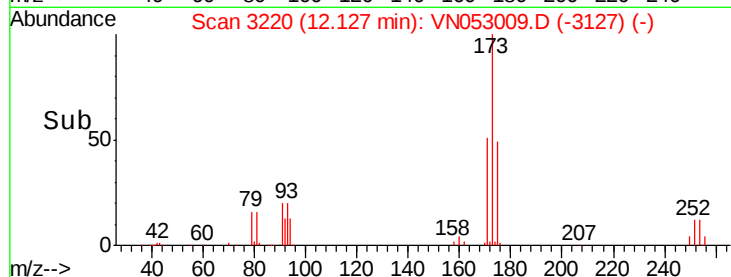
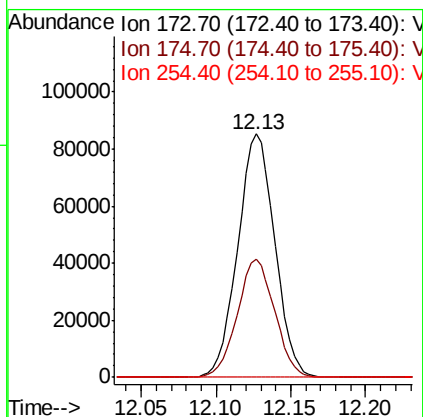
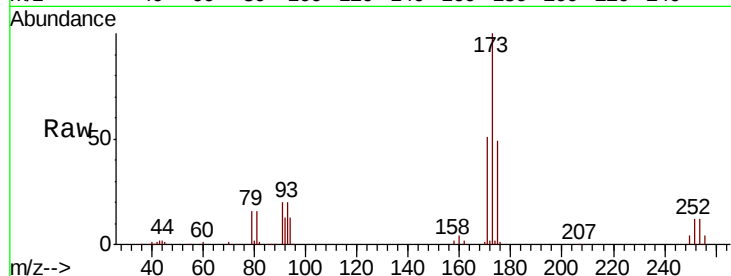




#71
Bromoform
Concen: 18.200 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

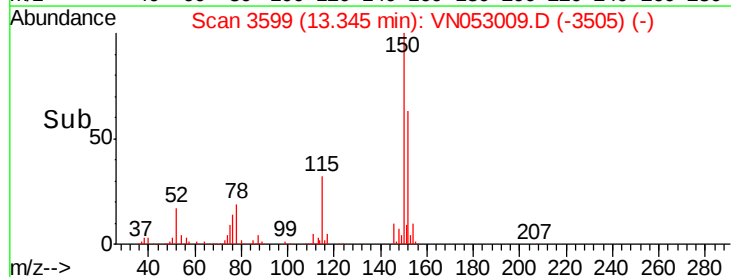
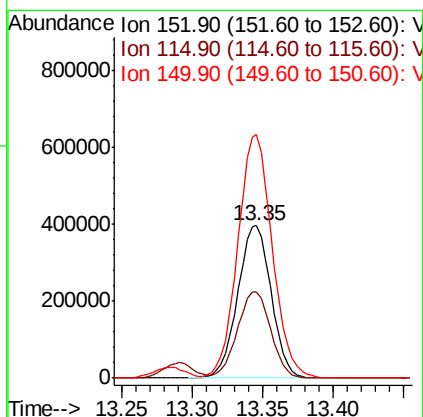
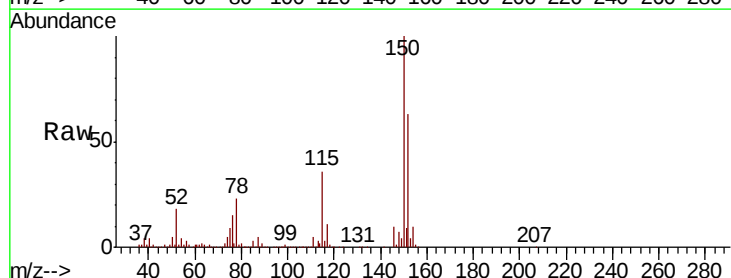
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

Tot Ion:173 Resp: 146894
Ion Ratio Lower Upper
173 100
175 48.8 24.3 72.9
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Tgt Ion:152 Resp: 657531
Ion Ratio Lower Upper
152 100
115 56.9 28.3 85.0
150 164.8 0.0 347.8





#73

Isopropylbenzene

Concen: 20.501 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

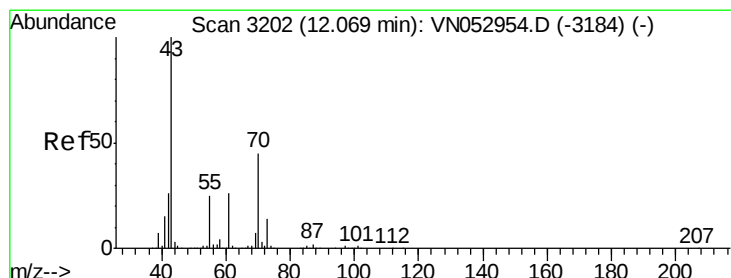
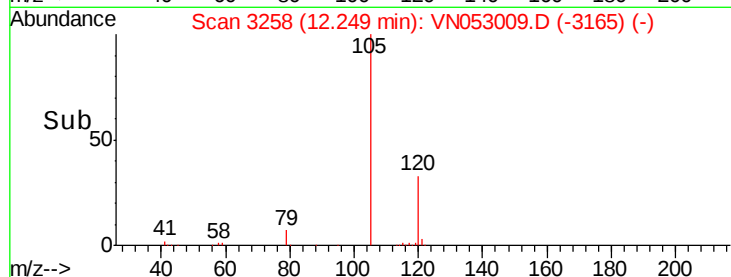
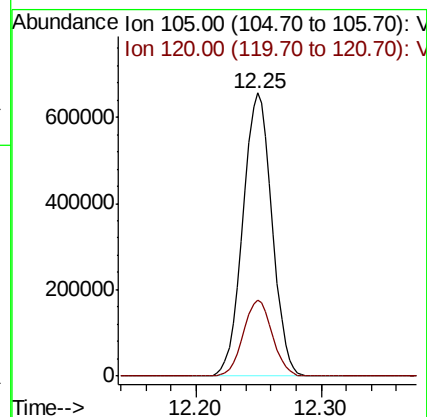
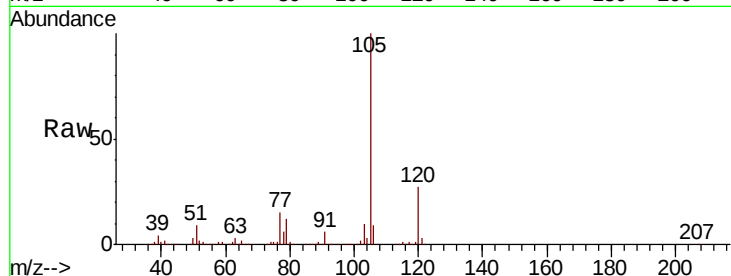
VN1219MBS01

Tot Ion:105 Resp: 1054701

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 20.763 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Tgt Ion: 43 Resp: 296570

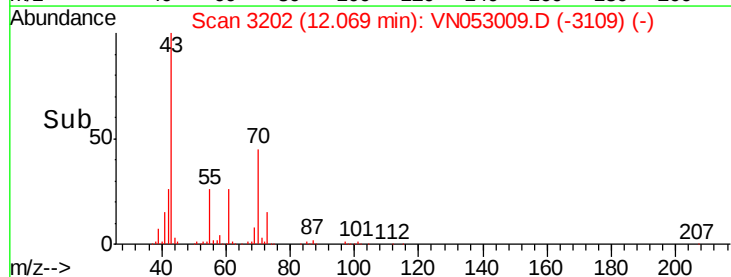
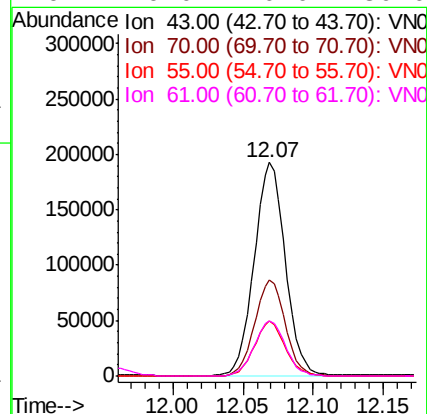
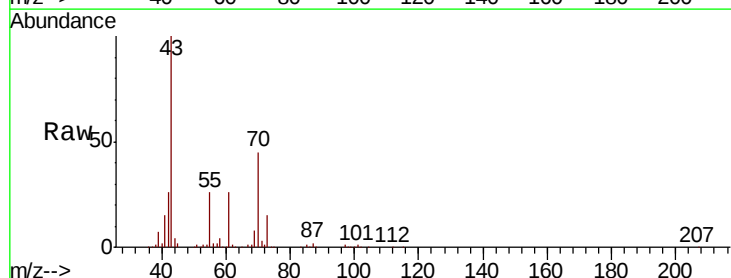
Ion Ratio Lower Upper

43 100

70 44.8 34.2 51.4

55 25.4 20.3 30.5

61 26.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.682 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

VN1219MBS01

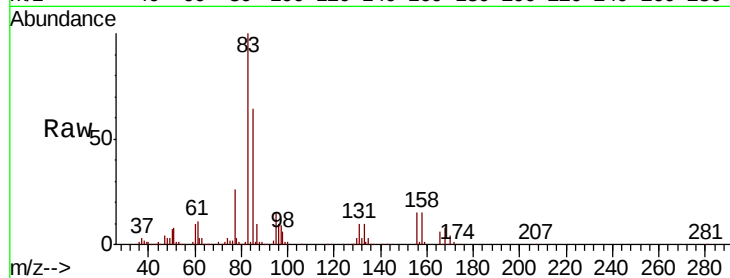
Tot Ion: 83 Resp: 218831

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

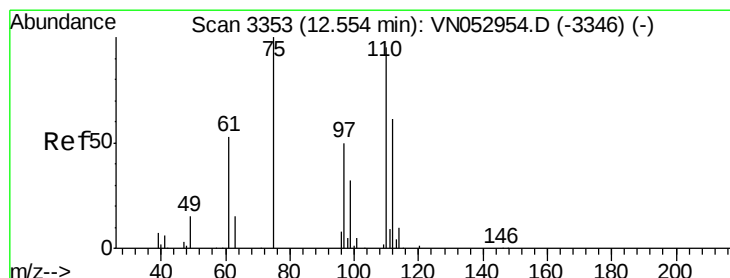
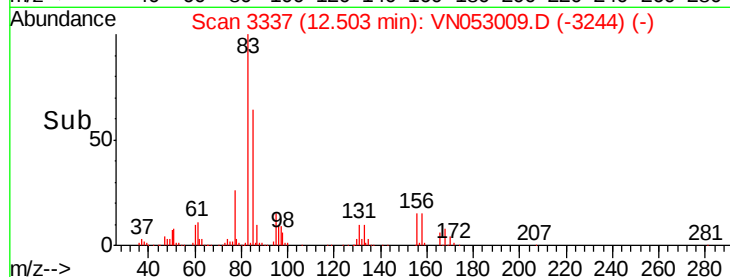
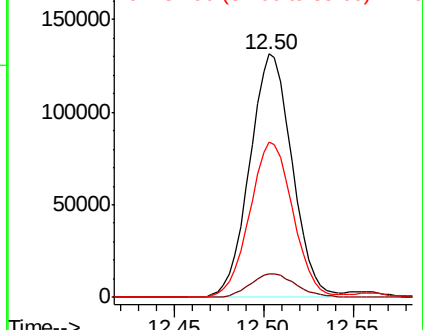
85 65.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN053009.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN053009.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN053009.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 27.001 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053009.D

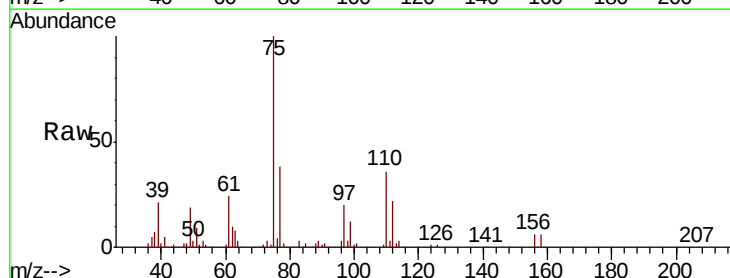
Acq: 19 Dec 2018 14:23

Tgt Ion: 75 Resp: 298873

Ion Ratio Lower Upper

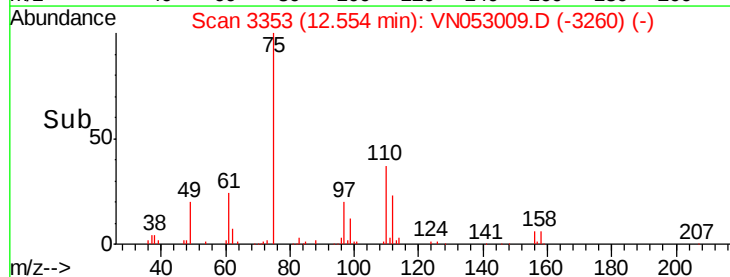
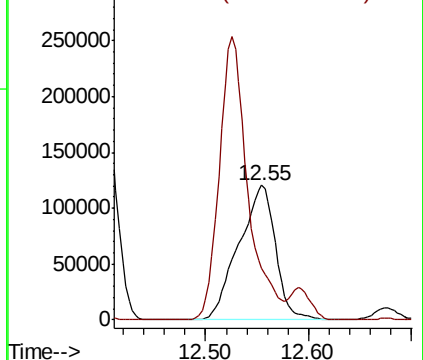
75 100

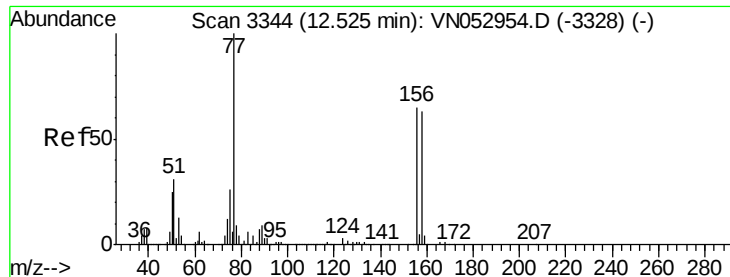
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053009.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053009.D (-3260) (-)





#77

Bromobenzene

Concen: 20.535 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

VN1219MBS01

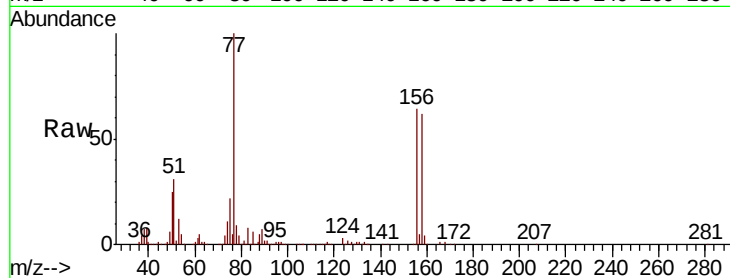
Tot Ion:156 Resp: 274613

Ion Ratio Lower Upper

156 100

77 178.2 91.3 273.8

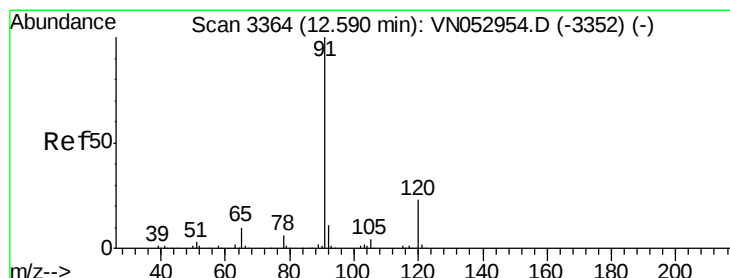
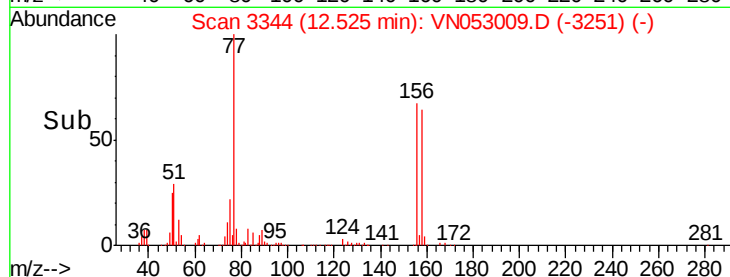
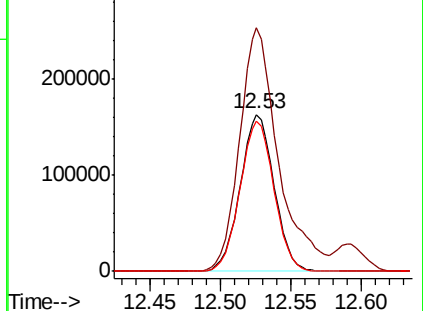
158 96.3 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.086 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053009.D

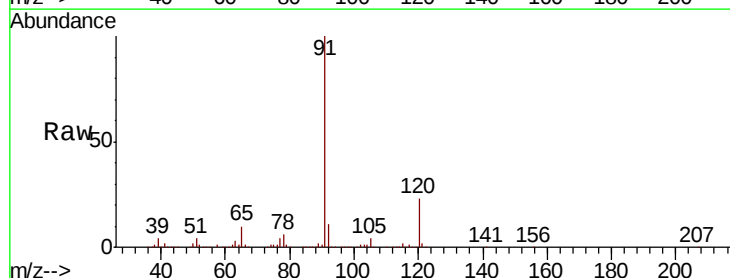
Acq: 19 Dec 2018 14:23

Tgt Ion: 91 Resp: 1176871

Ion Ratio Lower Upper

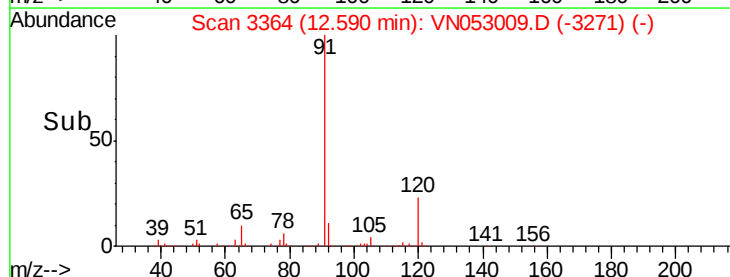
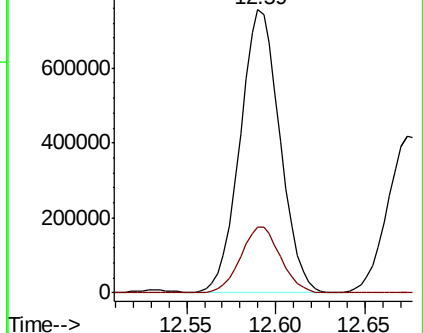
91 100

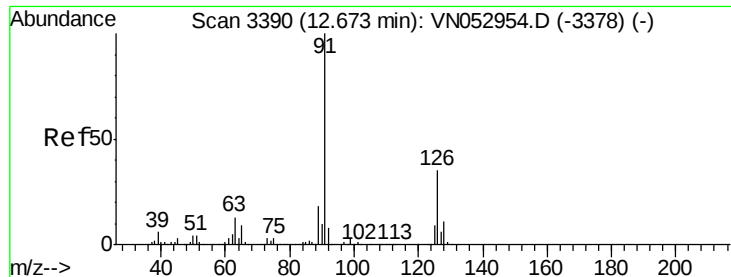
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

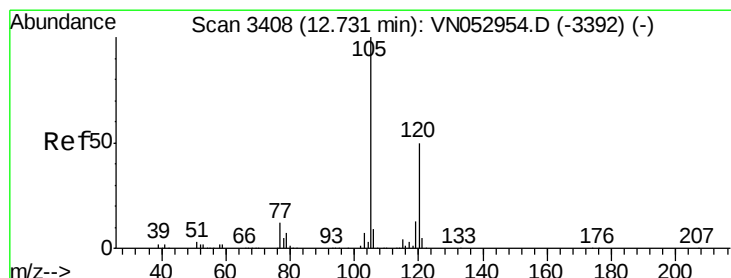
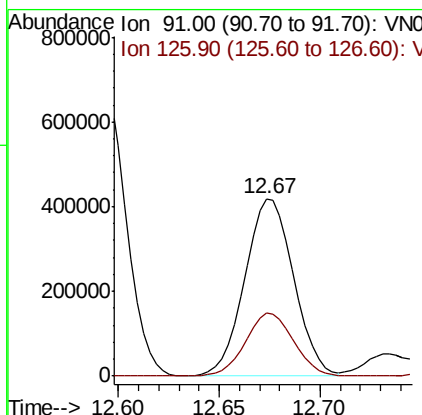
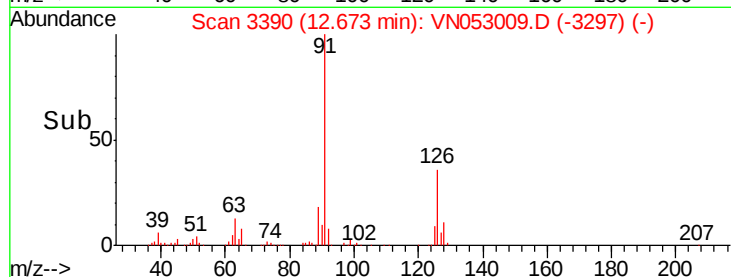
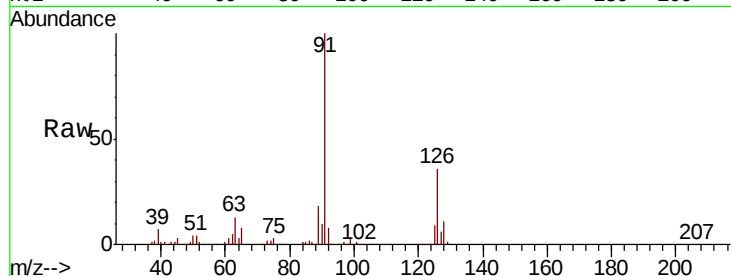




#79
 2-Chlorotoluene
 Concen: 19.443 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

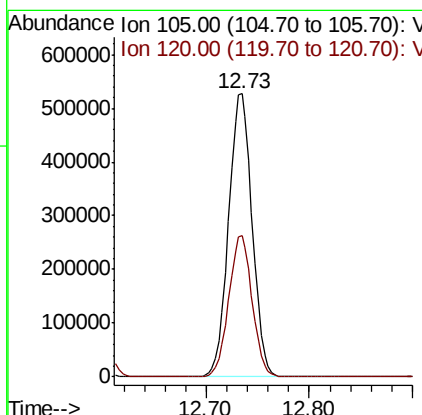
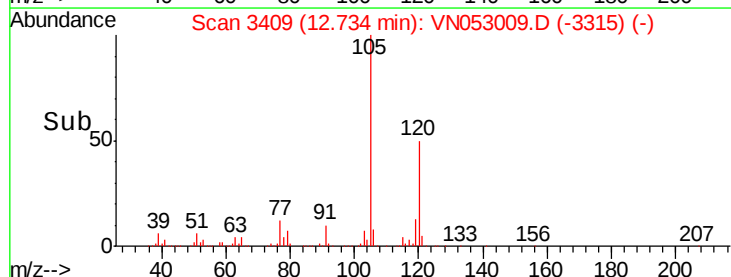
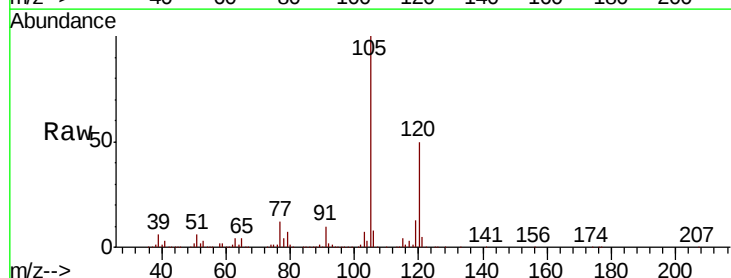
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01

Tot Ion: 91 Resp: 706139
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.996 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

Tgt Ion: 105 Resp: 838487
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.256 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

VN1219MBS01

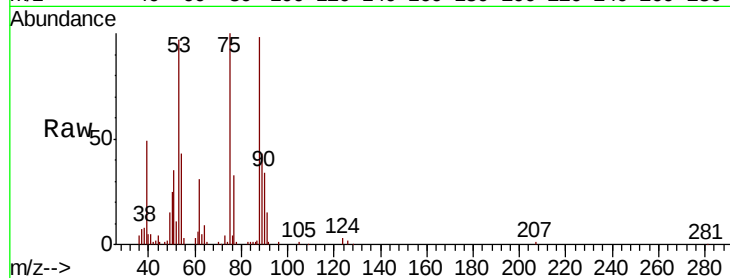
Tot Ion: 75 Resp: 62695

Ion Ratio Lower Upper

75 100

53 97.1 74.7 112.1

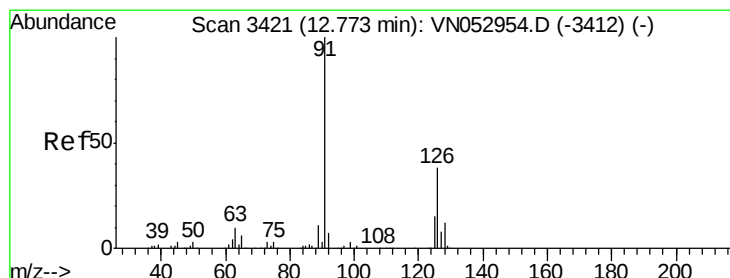
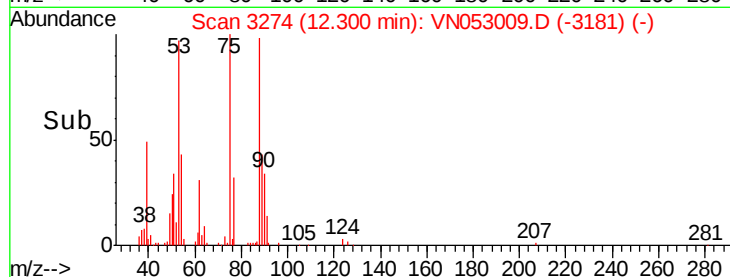
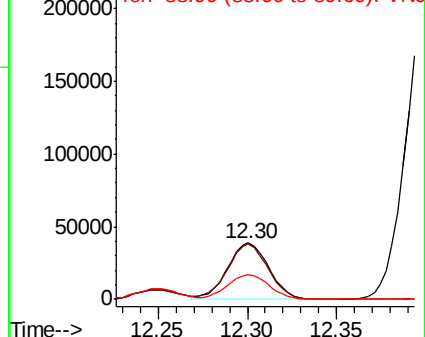
89 44.1 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.817 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053009.D

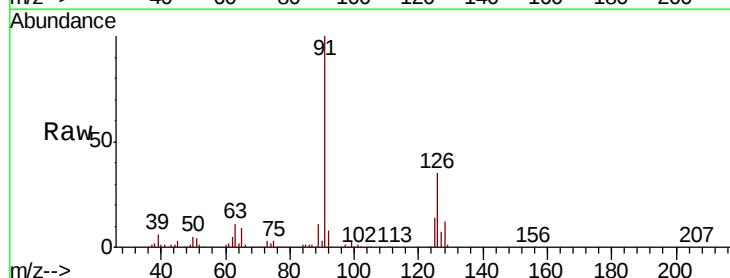
Acq: 19 Dec 2018 14:23

Tgt Ion: 91 Resp: 704537

Ion Ratio Lower Upper

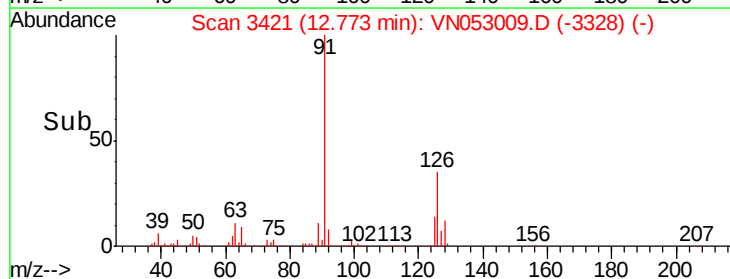
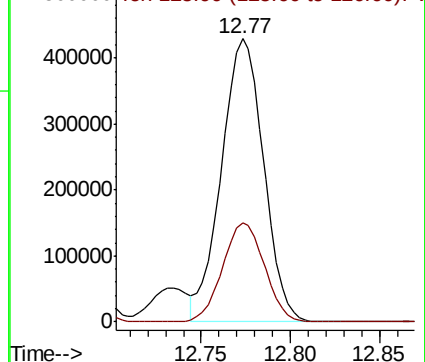
91 100

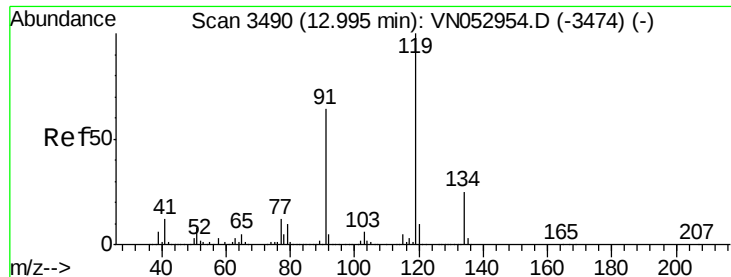
126 34.9 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

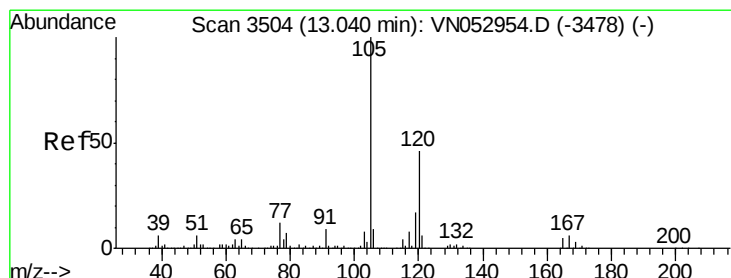
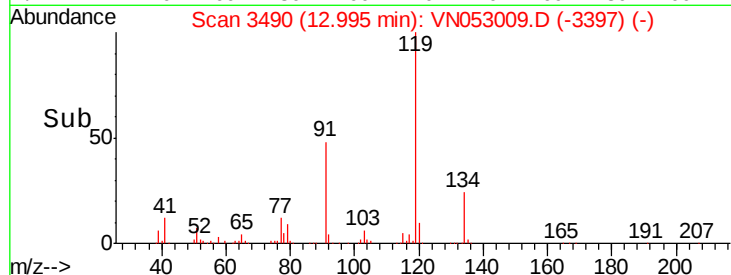
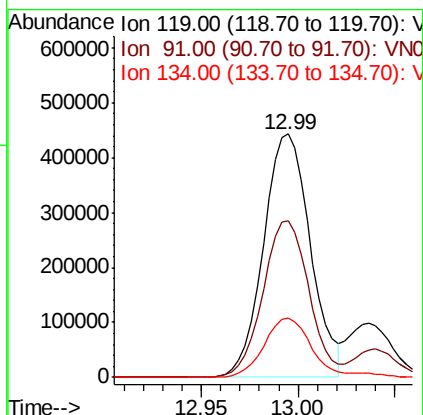
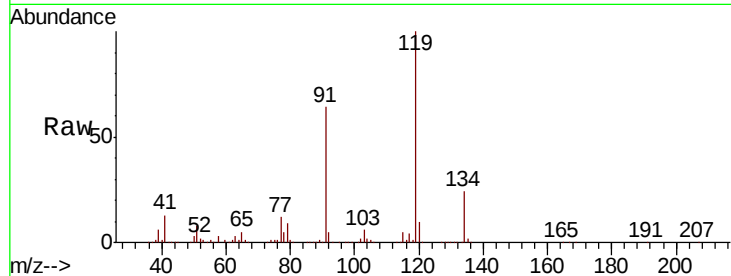




#83
tert-Butylbenzene
Concen: 20.120 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

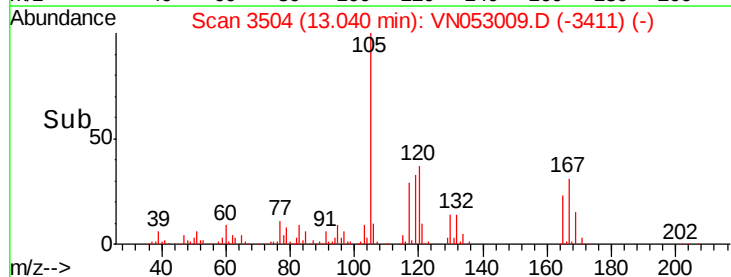
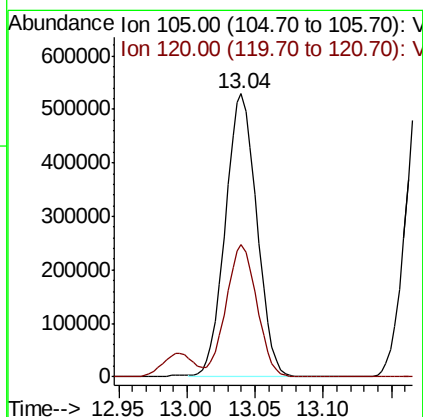
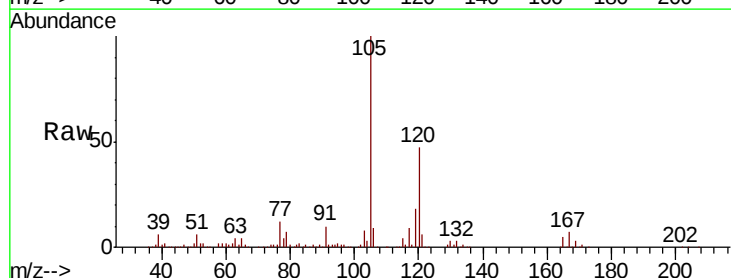
Instrument :
MSVOA_N
ClientSampleId :
VN1219MBS01

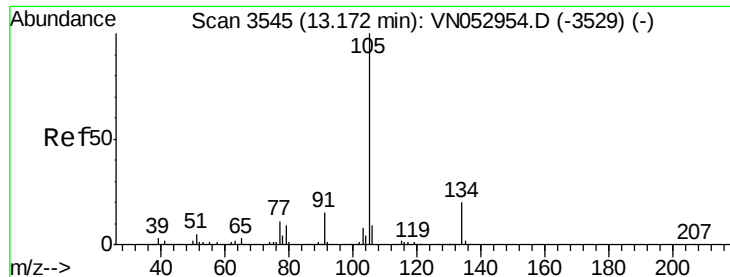
Tot Ion:119 Resp: 746170
Ion Ratio Lower Upper
119 100
91 62.7 31.9 95.5
134 25.3 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 20.122 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053009.D
Acq: 19 Dec 2018 14:23

Tgt Ion:105 Resp: 848222
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.8

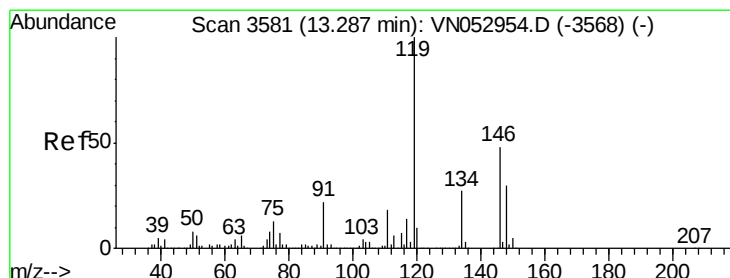
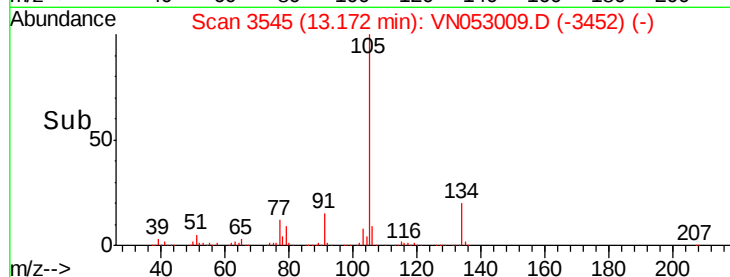
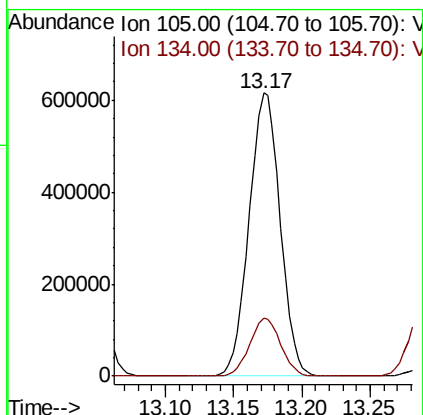
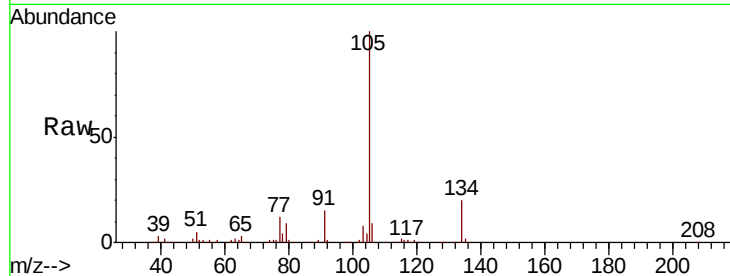




#85
 sec-Butylbenzene
 Concen: 19.377 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

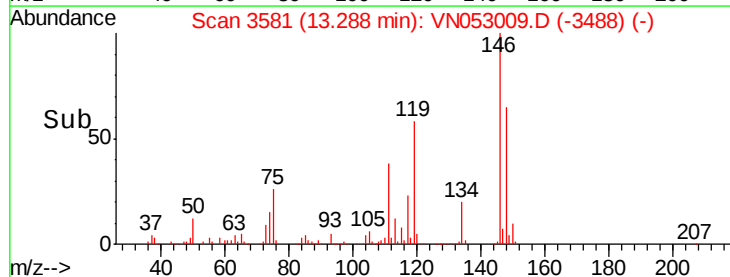
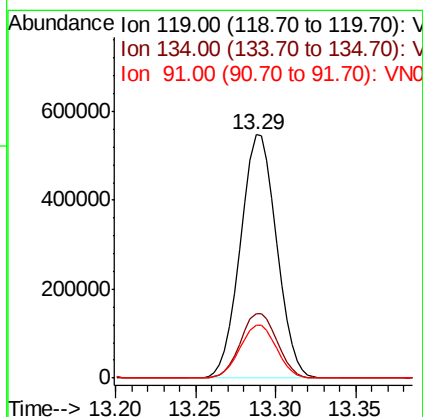
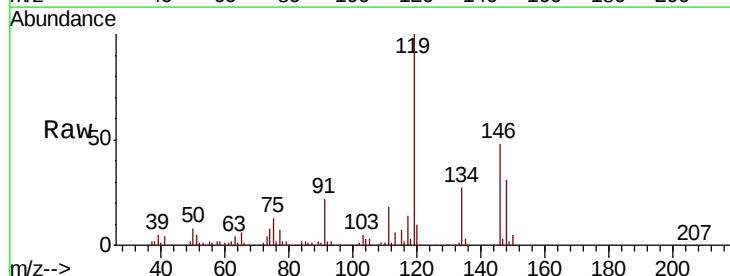
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01

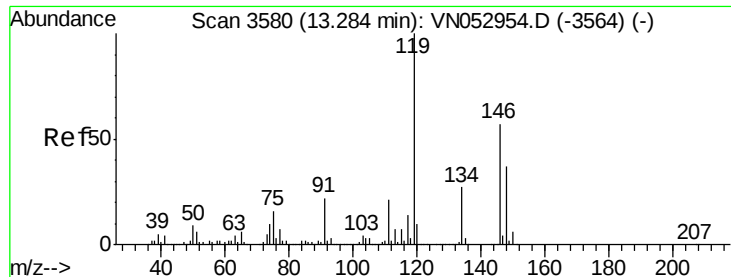
Tot Ion:105 Resp: 971981
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.434 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

Tgt Ion:119 Resp: 842359
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.2
 91 21.9 11.1 33.3

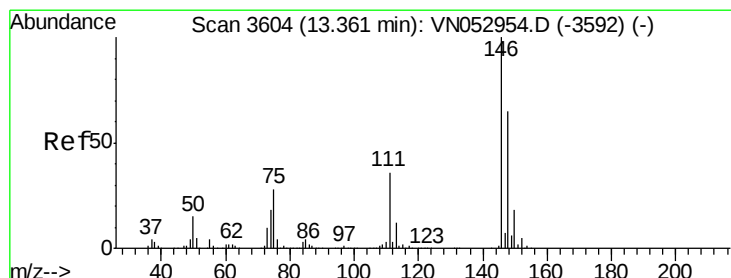
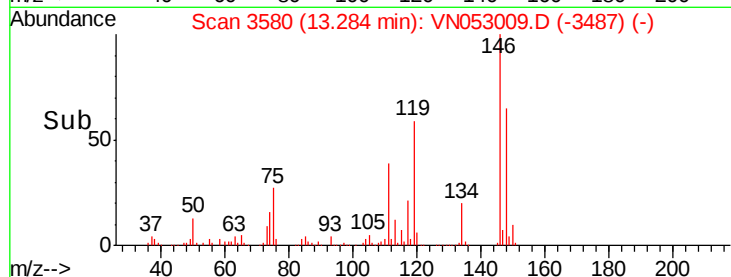
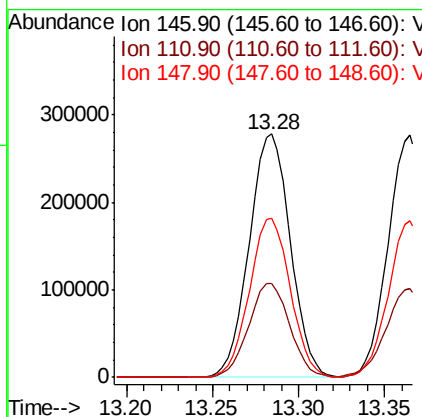
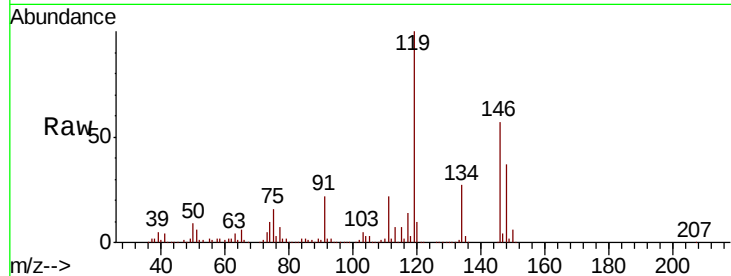




#87
 1,3-Dichlorobenzene
 Concen: 19.541 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

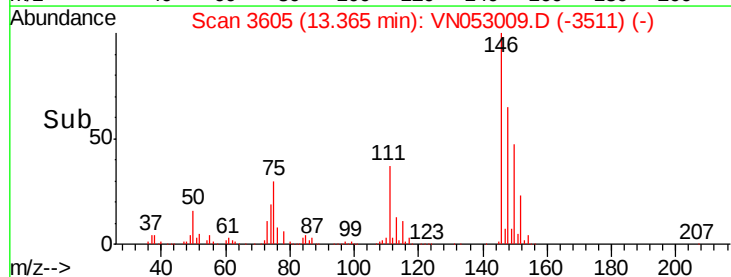
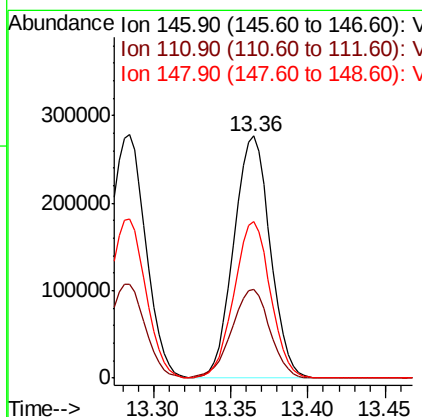
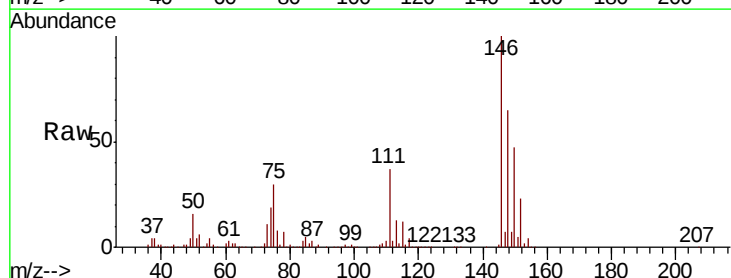
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01

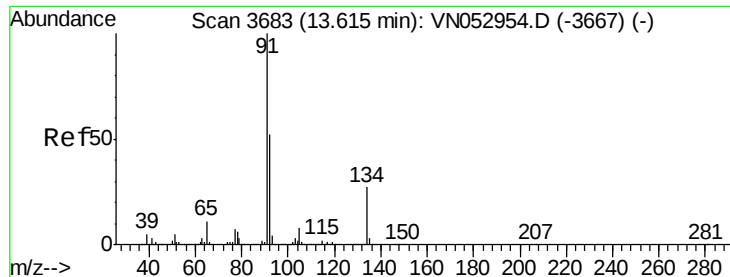
Tot Ion:146 Resp: 462508
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.1 57.1
 148 64.8 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.847 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

Tgt Ion:146 Resp: 451734
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.6 55.8
 148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 17.972 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

VN1219MBS01

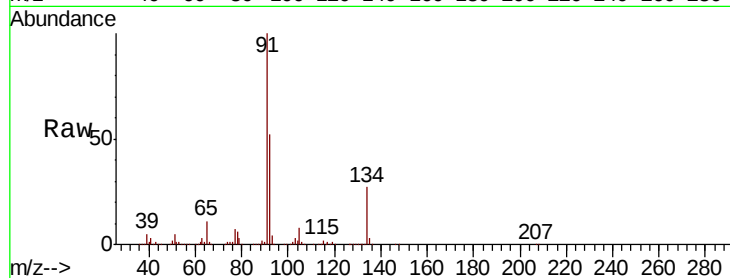
Tot Ion: 91 Resp: 670167

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.9

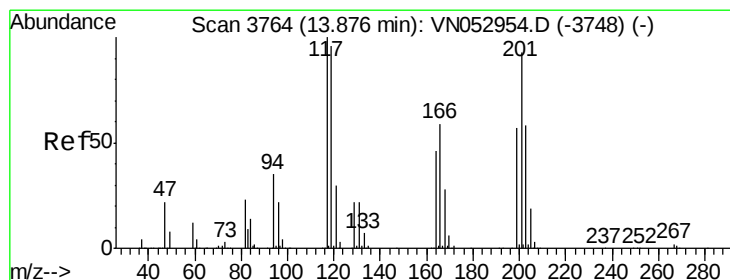
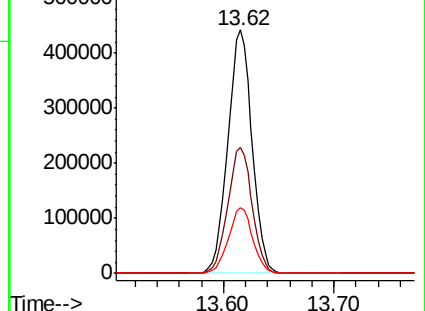
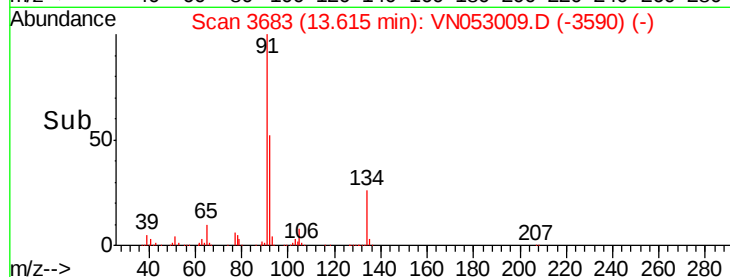
134 26.9 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052954.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052954.D (-3667) (-)



#90

Hexachloroethane

Concen: 17.775 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053009.D

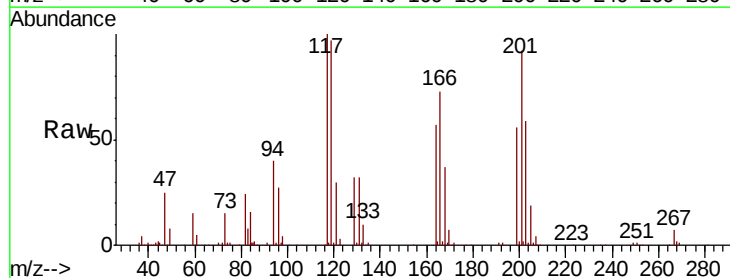
Acq: 19 Dec 2018 14:23

Tgt Ion: 117 Resp: 118233

Ion Ratio Lower Upper

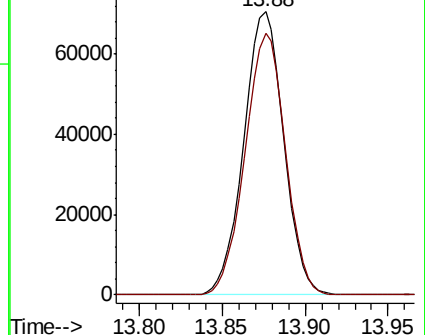
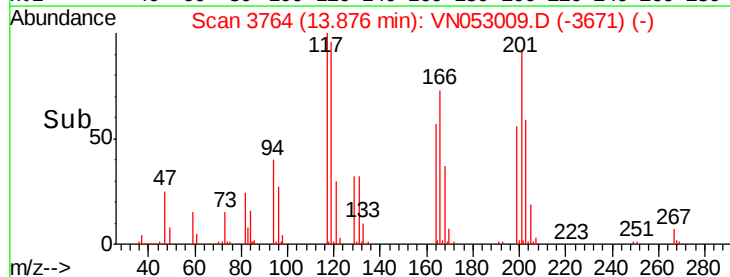
117 100

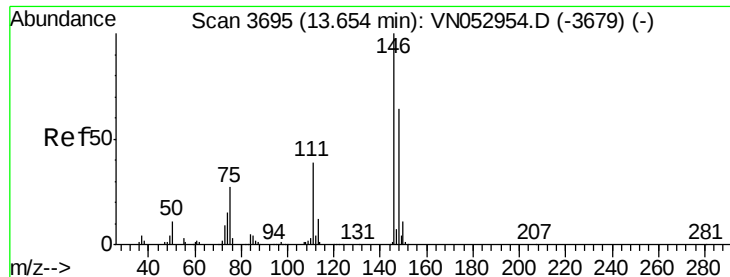
201 93.0 45.7 137.1



Abundance Ion 116.80 (116.50 to 117.50): VN052954.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN052954.D (-3748) (-)

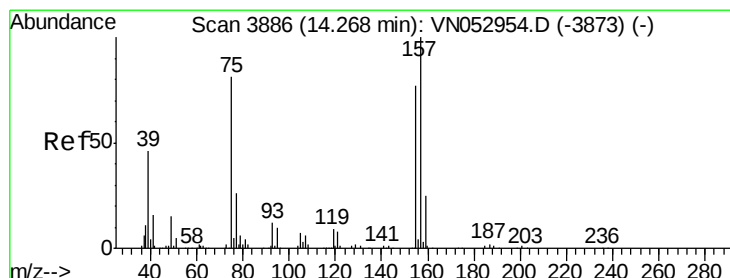
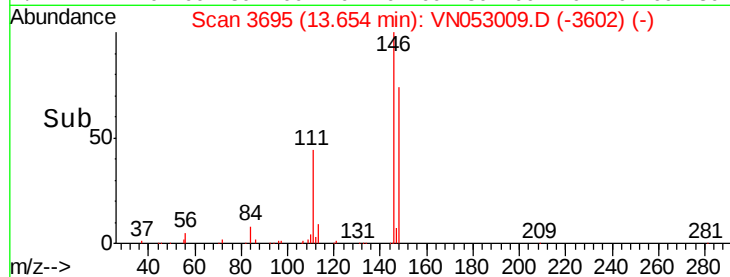
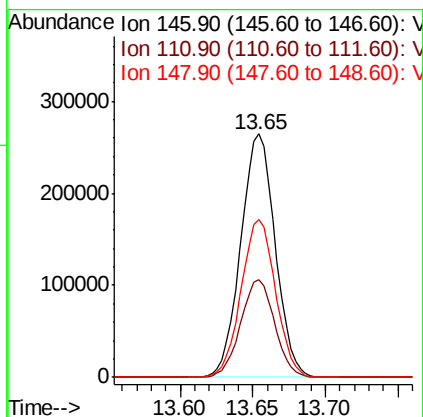
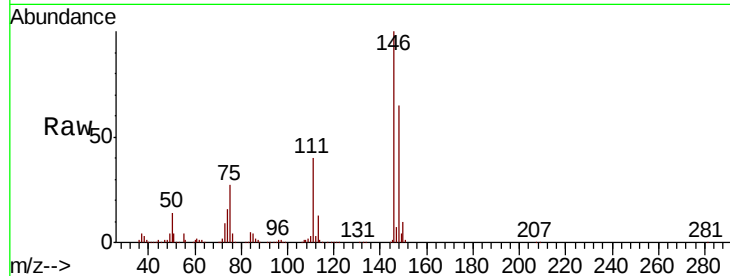




#91
 1,2-Dichlorobenzene
 Concen: 19.646 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

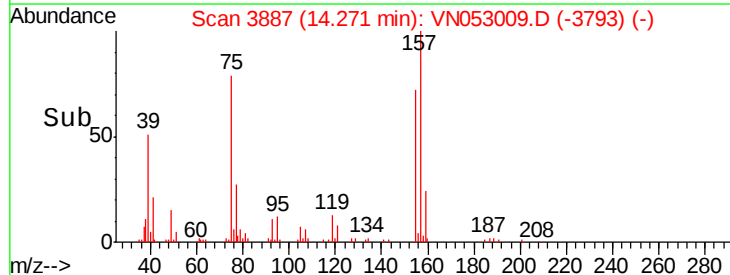
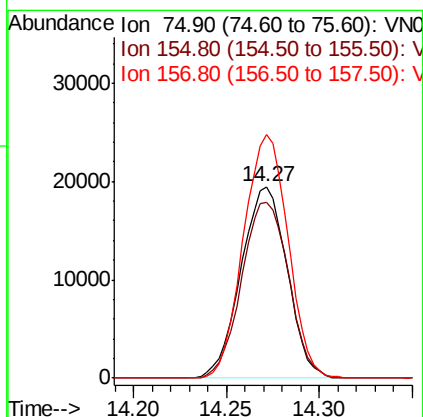
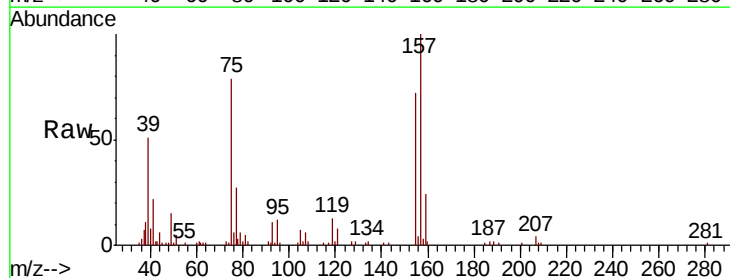
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.0
148	64.8	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.277 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.6	48.2	144.6
157	123.2	61.2	183.5

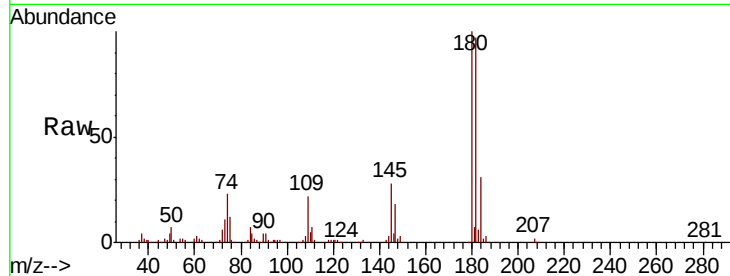




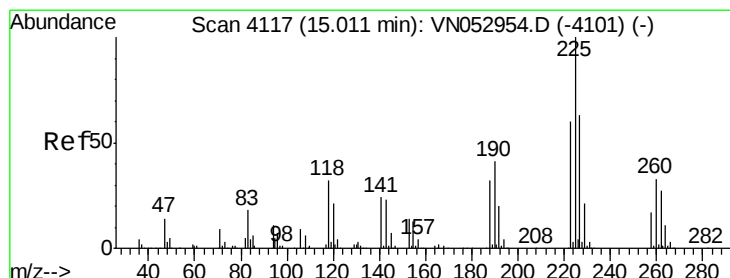
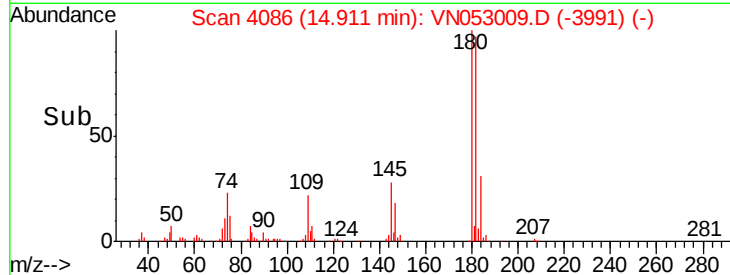
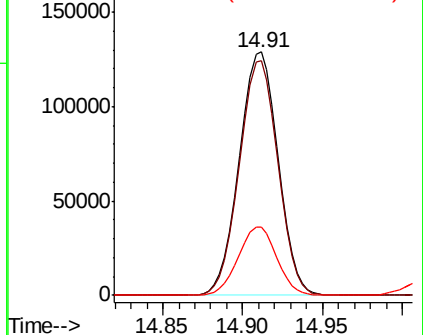
#93
 1,2,4-Trichlorobenzene
 Concen: 18.450 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01

Tot Ion:180 Resp: 213249
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.8 143.3
 145 27.9 14.2 42.6

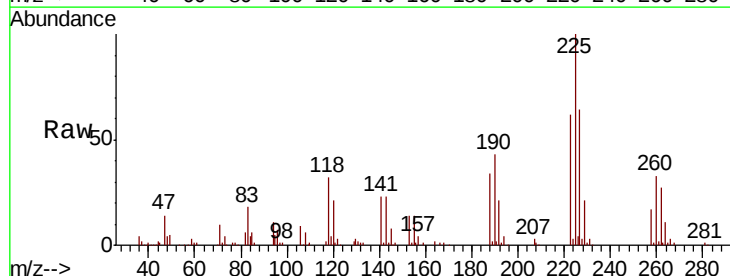


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

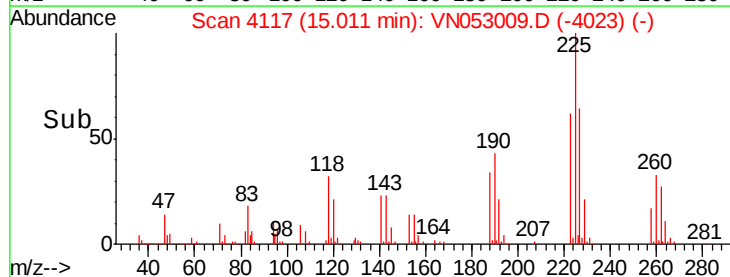
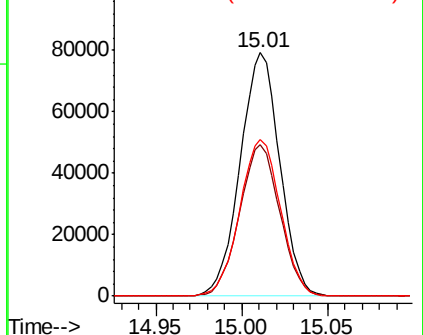


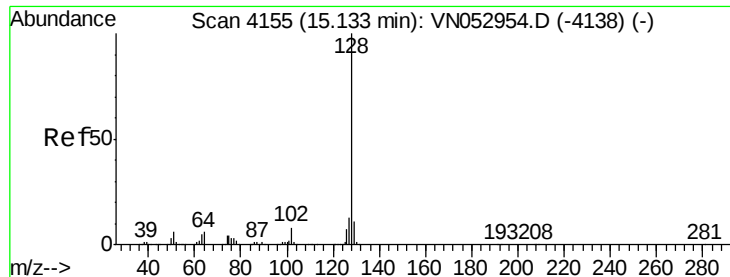
#94
 Hexachlorobutadiene
 Concen: 18.979 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053009.D
 Acq: 19 Dec 2018 14:23

Tgt Ion:225 Resp: 126861
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.5 94.5
 227 66.3 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.741 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

VN1219MBS01

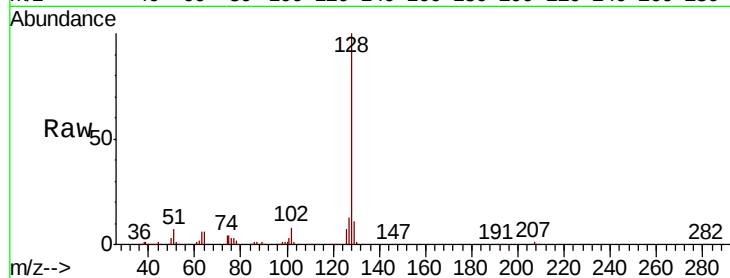
Tot Ion:128 Resp: 465526

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

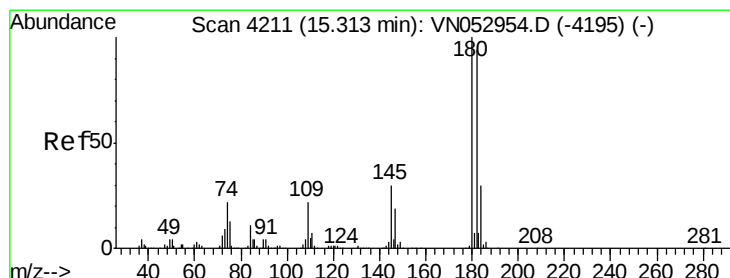
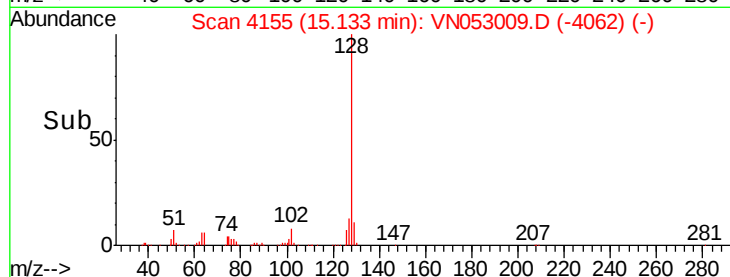
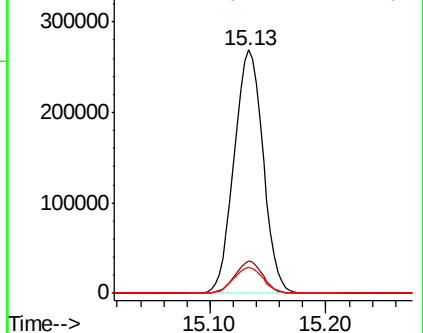
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.804 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053009.D

Acq: 19 Dec 2018 14:23

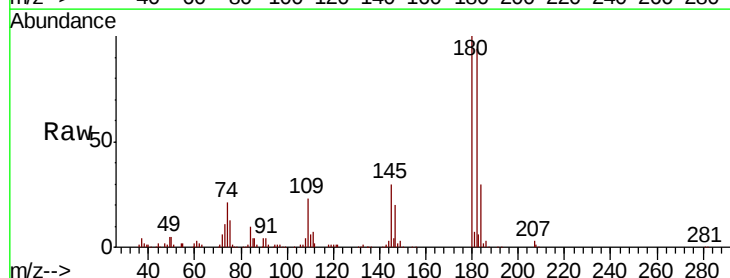
Tgt Ion:180 Resp: 196444

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 30.4 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

