

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122718\
 Data File : VN053205.D
 Acq On : 27 Dec 2018 11:56
 Operator : MD\SY
 Sample : VN1227WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBS01

Quant Time: Dec 28 00:47:24 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	833835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1283592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1140420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	524594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	467289	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
35) Dibromofluoromethane	7.59	113	389320	66.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.80%	
50) Toluene-d8	10.09	98	1675831	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.40	95	579758	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	154437	18.300	ug/l	100
3) Chloromethane	2.06	50	201021	19.657	ug/l	100
4) Vinyl Chloride	2.19	62	205739	19.865	ug/l	99
5) Bromomethane	2.57	94	132703	18.494	ug/l	100
6) Chloroethane	2.71	64	122971	20.048	ug/l	97
7) Trichlorofluoromethane	3.02	101	265395	20.570	ug/l	99
8) Diethyl Ether	3.41	74	104455	21.460	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	166830	20.280	ug/l	99
10) Methyl Iodide	3.96	142	221666	19.188	ug/l	100
11) Tert butyl alcohol	4.78	59	54862	106.258	ug/l	99
12) 1,1-Dichloroethene	3.74	96	160894	20.244	ug/l	98
13) Acrolein	3.61	56	47372	101.188	ug/l	95
14) Allyl chloride	4.33	41	272639	22.147	ug/l	95
15) Acrylonitrile	4.99	53	306835	106.973	ug/l	99
16) Acetone	3.82	43	189569	114.260	ug/l	99
17) Carbon Disulfide	4.06	76	428774	16.543	ug/l	100
18) Methyl Acetate	4.32	43	174122	23.656	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	464770	21.853	ug/l	100
20) Methylene Chloride	4.55	84	196568	21.720	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	171642	20.101	ug/l	98
22) Diisopropyl ether	5.95	45	592273	22.540	ug/l	100
23) Vinyl Acetate	5.90	43	1696950	112.306	ug/l	98
24) 1,1-Dichloroethane	5.85	63	340349	21.797	ug/l	99
25) 2-Butanone	6.83	43	326078	117.110	ug/l	100
26) 2,2-Dichloropropane	6.82	77	240718	20.195	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	205151	21.222	ug/l	100
28) Bromochloromethane	7.20	49	146186	21.606	ug/l	97
29) Tetrahydrofuran	7.21	42	229682	110.447	ug/l	100
30) Chloroform	7.37	83	329003	21.449	ug/l	99
31) Cyclohexane	7.65	56	302734	20.042	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	272121	20.825	ug/l	99
36) 1,1-Dichloropropene	7.80	75	246454	20.004	ug/l	100
37) Ethyl Acetate	6.93	43	150651	21.904	ug/l	99
38) Carbon Tetrachloride	7.78	117	234621	20.776	ug/l	98

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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	280077	18.713	ug/l	98
40) Benzene	8.04	78	774400	21.132	ug/l	99
41) Methacrylonitrile	7.17	41	90313	22.726	ug/l	96
42) 1,2-Dichloroethane	8.13	62	230361	21.279	ug/l	99
43) Isopropyl Acetate	8.16	43	281243	20.515	ug/l	99
44) Trichloroethene	8.83	130	209603	19.775	ug/l	98
45) 1,2-Dichloropropane	9.12	63	207910	21.781	ug/l	99
46) Dibromomethane	9.21	93	117614	21.151	ug/l	99
47) Bromodichloromethane	9.40	83	252677	21.377	ug/l	99
48) Methyl methacrylate	9.20	41	138671	20.778	ug/l	99
49) 1,4-Dioxane	9.20	88	33442	396.124	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	752238	112.939	ug/l	99
52) Toluene	10.16	92	479029	21.089	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	250926	20.189	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	299390	20.985	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	174219	21.985	ug/l	99
56) Ethyl methacrylate	10.43	69	220722	21.044	ug/l	98
57) 1,3-Dichloropropane	10.71	76	295207	21.724	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	618423	107.398	ug/l	98
59) 2-Hexanone	10.75	43	499698	110.886	ug/l	99
60) Dibromochloromethane	10.90	129	190228	20.971	ug/l	100
61) 1,2-Dibromoethane	11.01	107	169664	21.081	ug/l	99
64) Tetrachloroethene	10.63	164	225387	18.245	ug/l	99
65) Chlorobenzene	11.43	112	529328	20.939	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	185751	21.130	ug/l	98
67) Ethyl Benzene	11.51	91	898733	20.673	ug/l	99
68) m/p-Xylenes	11.62	106	682310	41.284	ug/l	100
69) o-Xylene	11.95	106	336381	21.210	ug/l	100
70) Styrene	11.96	104	549485	21.248	ug/l	100
71) Bromoform	12.13	173	126523	19.922	ug/l #	98
73) Isopropylbenzene	12.25	105	883916	21.535	ug/l	99
74) N-amyl acetate	12.07	43	241786	21.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	196759	24.435	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	253137	28.665	ug/l #	100
77) Bromobenzene	12.53	156	229502	21.510	ug/l	98
78) n-propylbenzene	12.59	91	980914	20.984	ug/l	100
79) 2-Chlorotoluene	12.68	91	586823	20.252	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	697009	20.834	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	54410	19.858	ug/l	99
82) 4-Chlorotoluene	12.77	91	591309	20.847	ug/l	99
83) tert-Butylbenzene	12.99	119	622441	21.037	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	705157	20.967	ug/l	99
85) sec-Butylbenzene	13.17	105	803788	20.084	ug/l	100
86) p-Isopropyltoluene	13.29	119	694497	20.083	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	386461	20.466	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	384083	20.085	ug/l	99
89) n-Butylbenzene	13.62	91	548668	18.442	ug/l	100
90) Hexachloroethane	13.88	117	106707	20.108	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	376640	21.193	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28809	20.692	ug/l	97

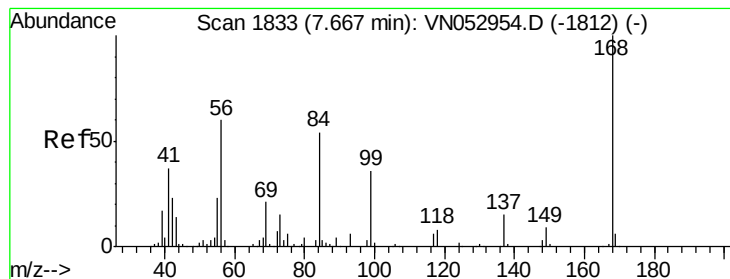
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122718\
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QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	172450	18.693	ug/l	100
94) Hexachlorobutadiene	15.01	225	111855	21.295	ug/l	99
95) Naphthalene	15.13	128	373635	18.846	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	154602	18.556	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: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

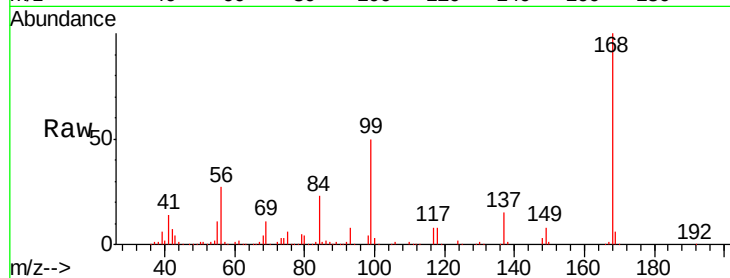
VN1227WBS01

Tgt Ion:168 Resp: 833835

Ion Ratio Lower Upper

168 100

99 49.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

300000

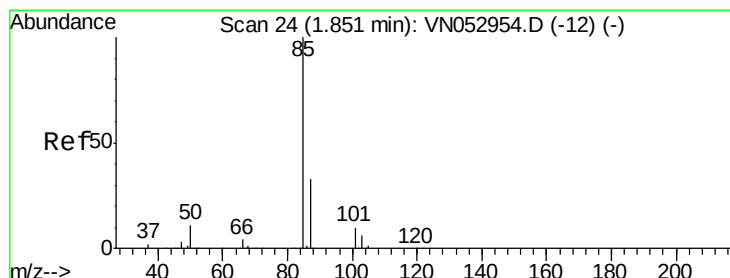
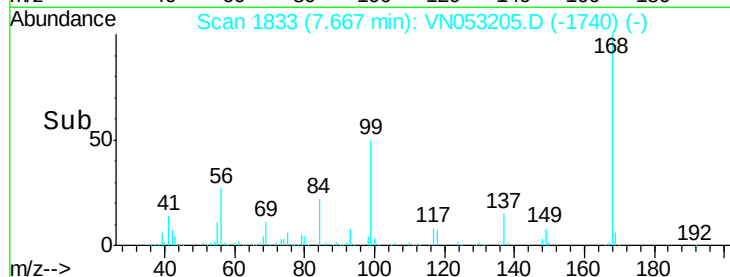
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.300 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053205.D

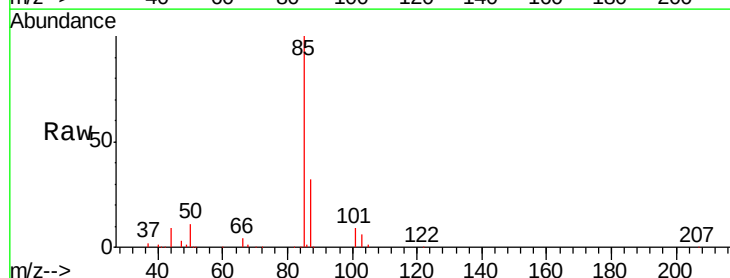
Acq: 27 Dec 2018 11:56

Tgt Ion: 85 Resp: 154437

Ion Ratio Lower Upper

85 100

87 32.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

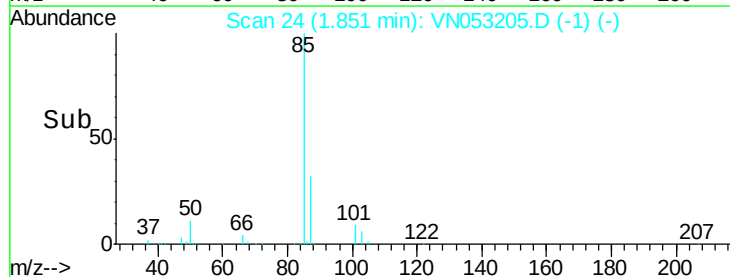
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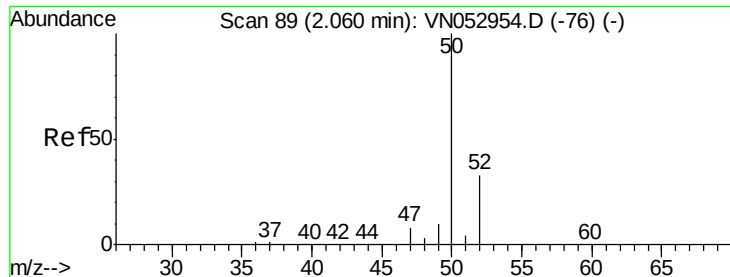
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.657 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampled :

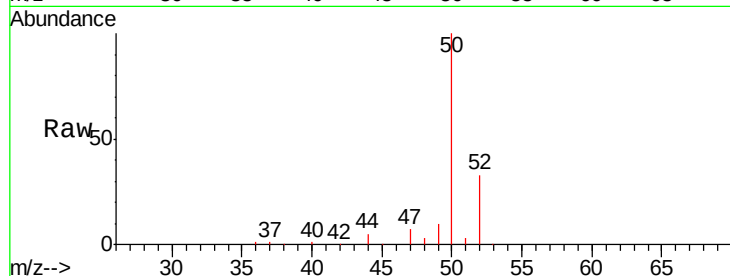
VN1227WBS01

Tgt Ion: 50 Resp: 201021

Ion Ratio Lower Upper

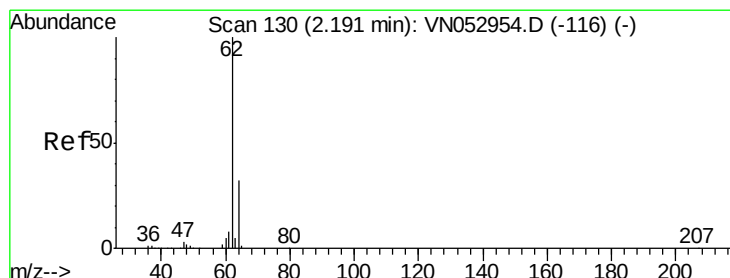
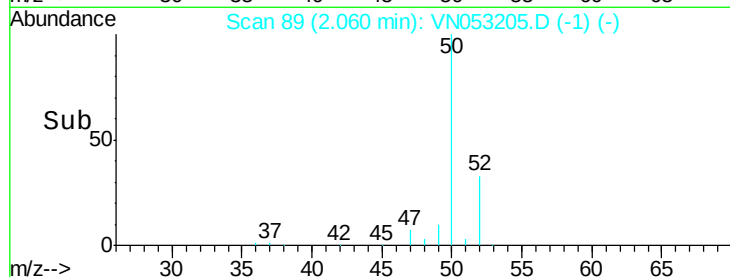
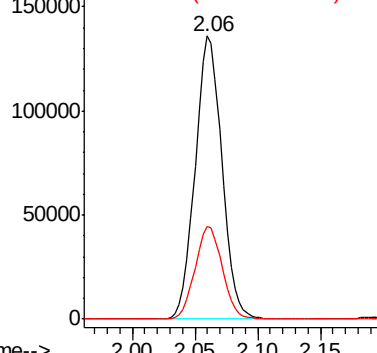
50 100

52 32.7 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.865 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053205.D

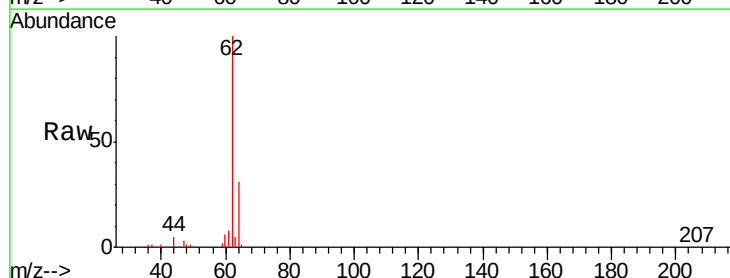
Acq: 27 Dec 2018 11:56

Tgt Ion: 62 Resp: 205739

Ion Ratio Lower Upper

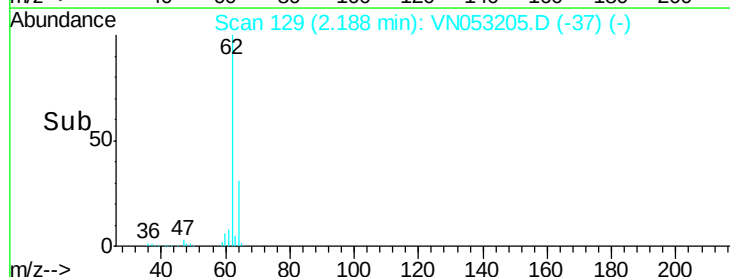
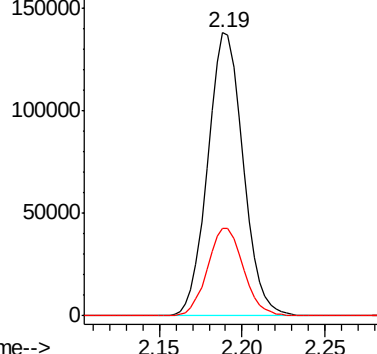
62 100

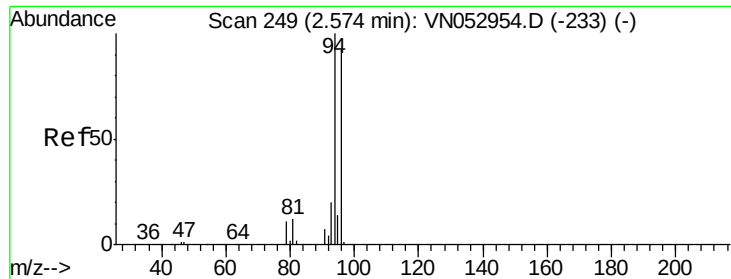
64 31.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.494 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

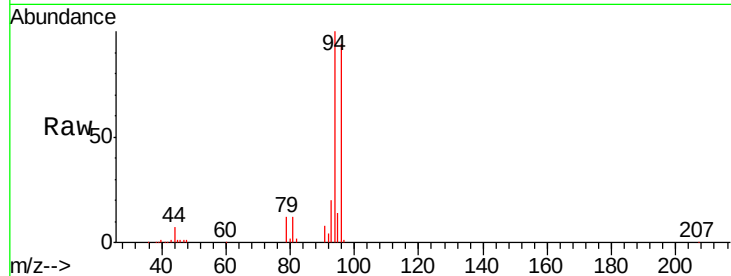
VN1227WBS01

Tgt Ion: 94 Resp: 132703

Ion Ratio Lower Upper

94 100

96 93.9 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN053205.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VN053205.D (-156) (-)

2.57

80000

60000

40000

20000

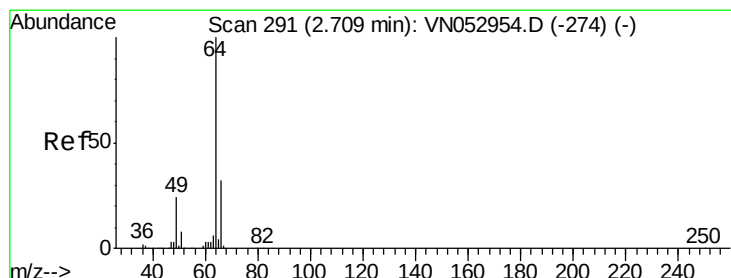
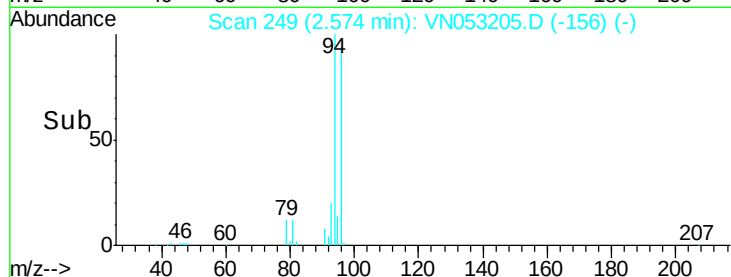
0

Time-->

2.50

2.60

2.70



#6

Chloroethane

Concen: 20.048 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN053205.D

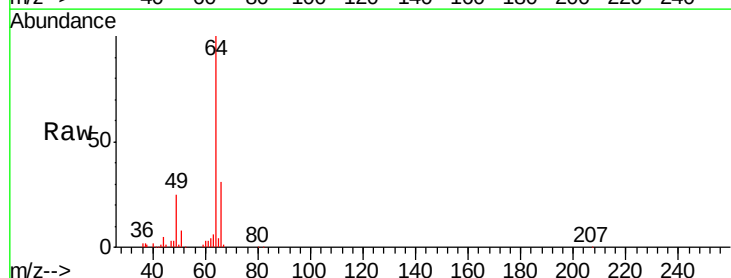
Acq: 27 Dec 2018 11:56

Tgt Ion: 64 Resp: 122971

Ion Ratio Lower Upper

64 100

66 31.0 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN053205.D (-198) (-)

Ion 65.90 (65.60 to 66.60): VN053205.D (-198) (-)

2.71

60000

40000

20000

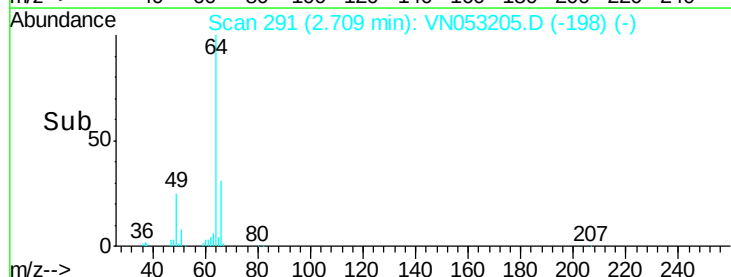
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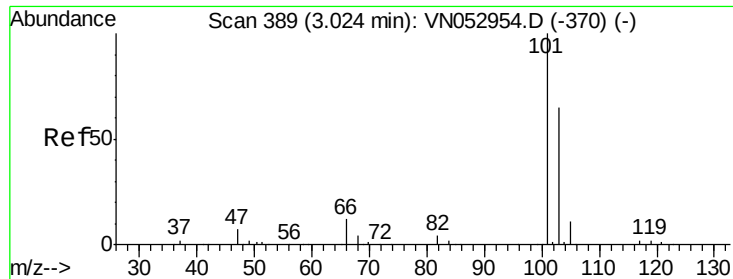
Time-->

2.60

2.70

2.80



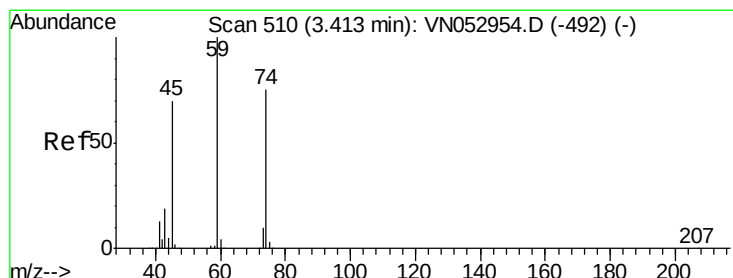
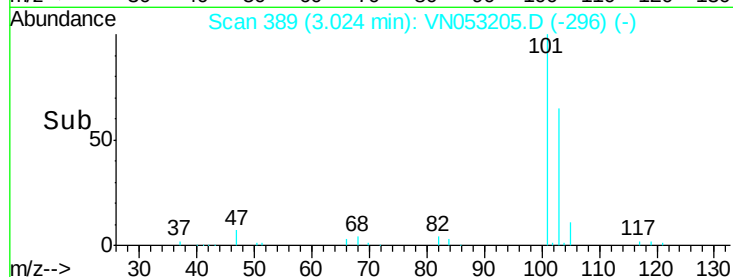
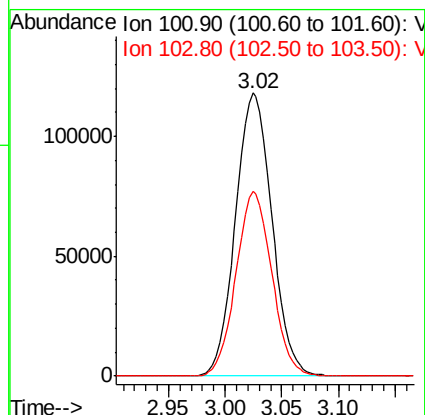
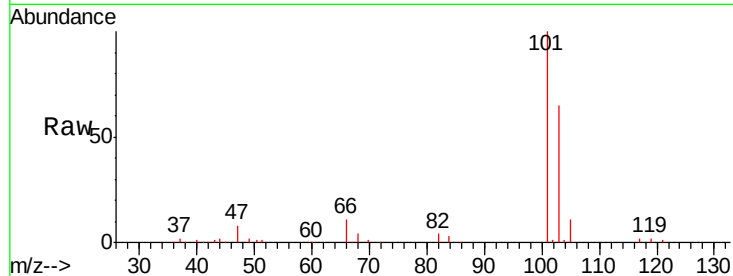


#7

Trichlorofluoromethane
 Concen: 20.570 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Instrument :
 MSVOA_N
 ClientSampled :
 VN1227WBS01

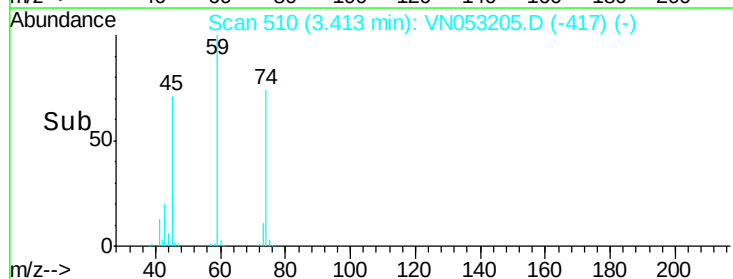
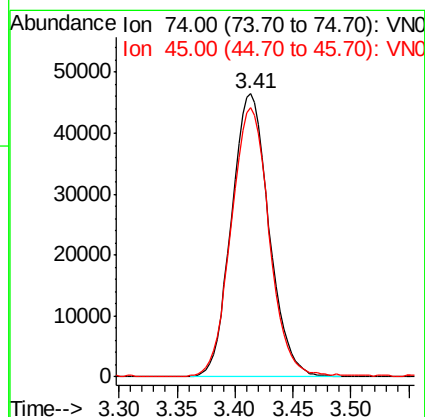
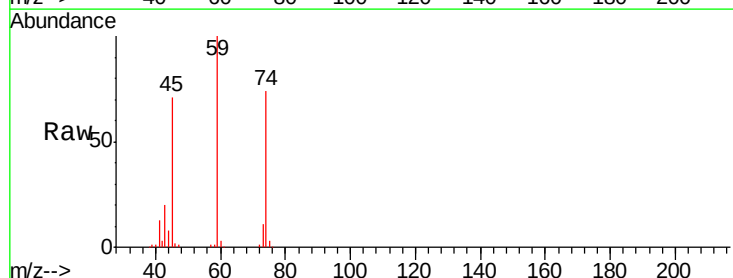
Tgt Ion: 101 Resp: 265395
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.8 77.6

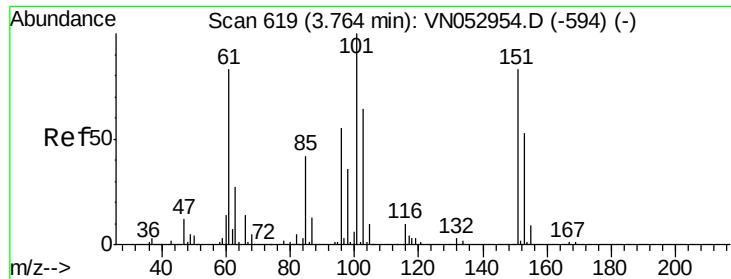


#8

Diethyl Ether
 Concen: 21.460 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Tgt Ion: 74 Resp: 104455
 Ion Ratio Lower Upper
 74 100
 45 96.2 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.280 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

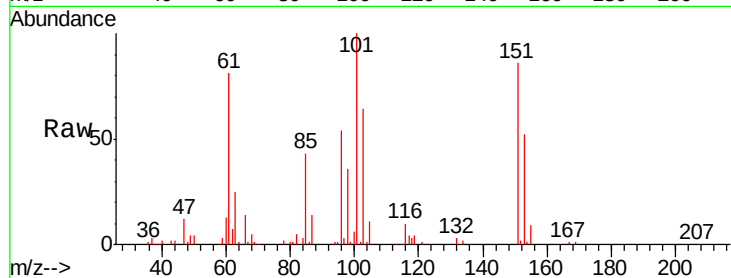
Tgt Ion:101 Resp: 166830

Ion Ratio Lower Upper

101 100

85 41.2 33.6 50.4

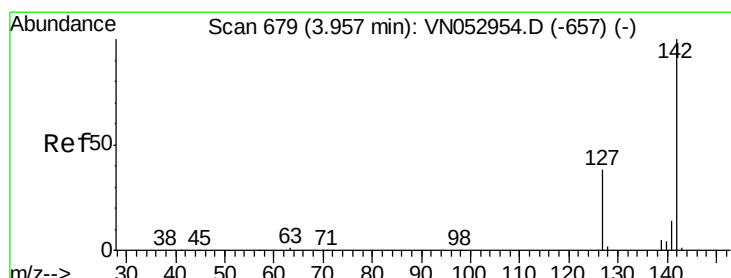
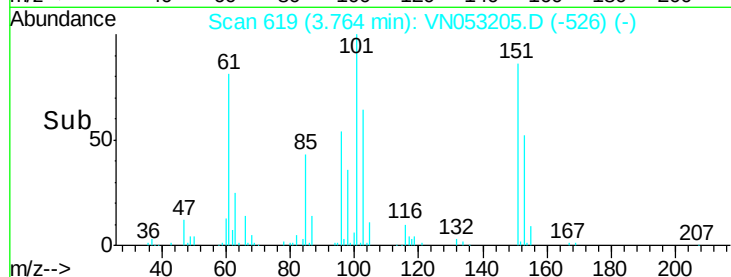
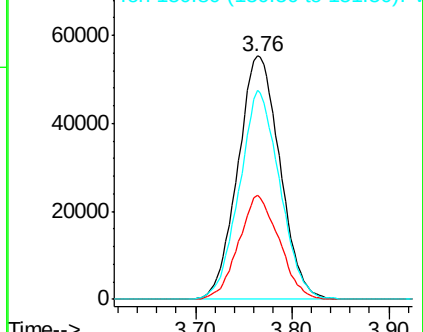
151 82.8 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.188 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

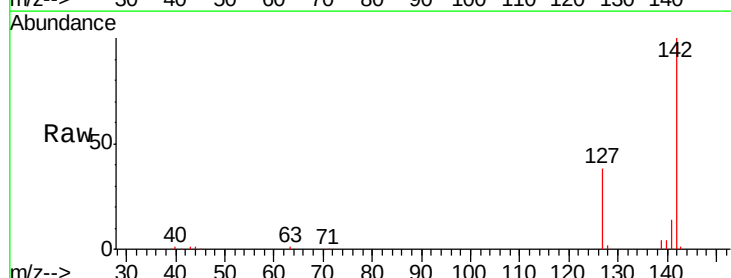
Tgt Ion:142 Resp: 221666

Ion Ratio Lower Upper

142 100

127 38.9 31.0 46.6

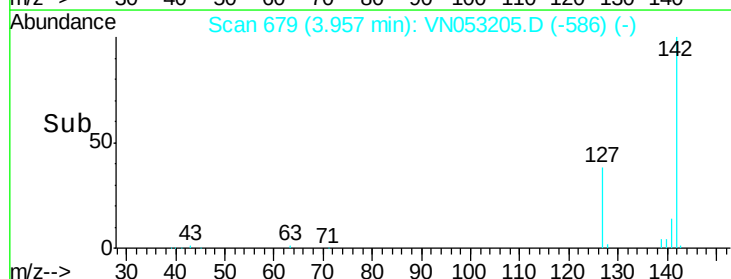
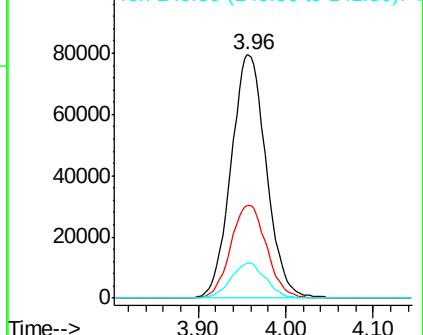
141 14.3 11.2 16.8

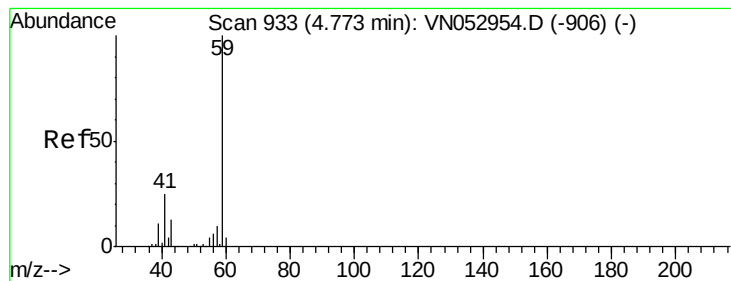


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



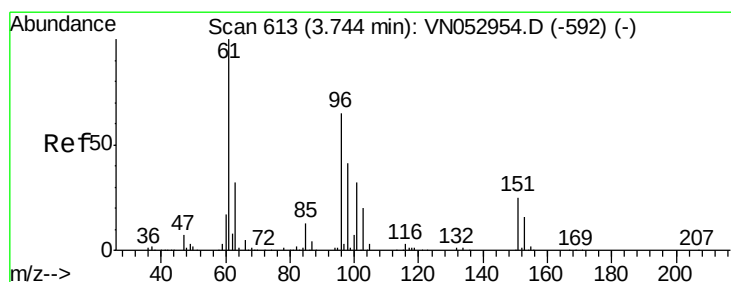
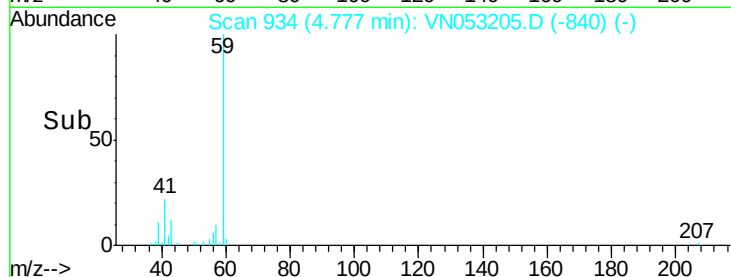
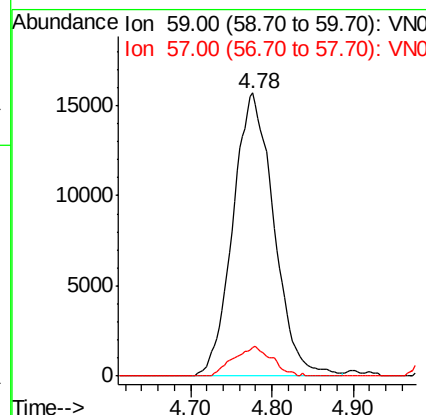
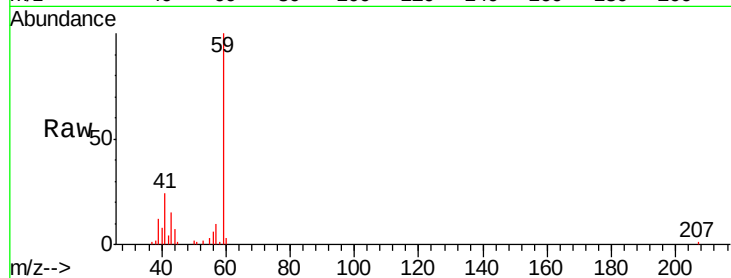


#11

Tert butyl alcohol
 Concen: 106.258 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Instrument :
 MSVOA_N
 ClientSampled :
 VN1227WBS01

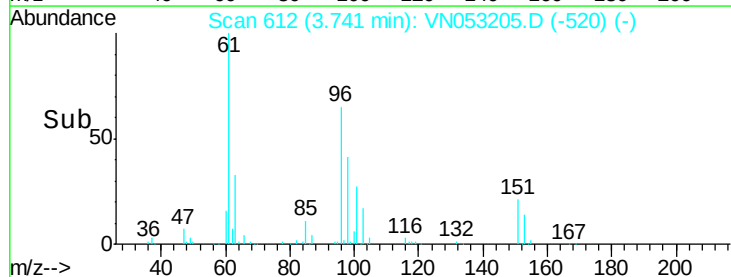
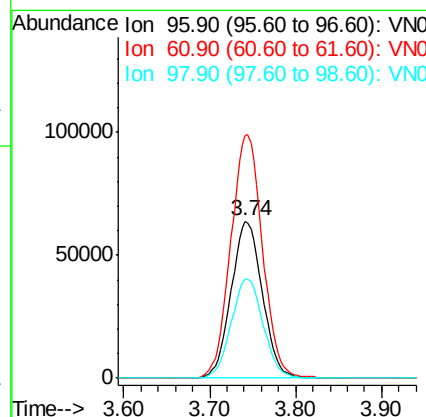
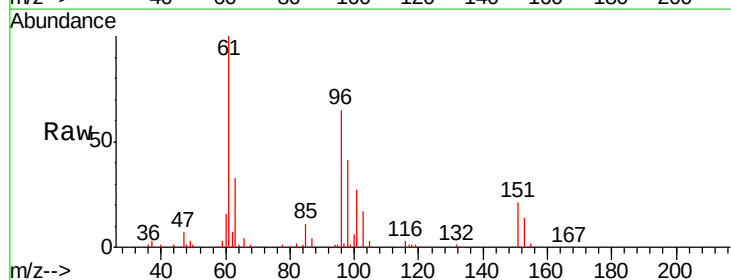
Tgt Ion: 59 Resp: 54862
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.7 11.5

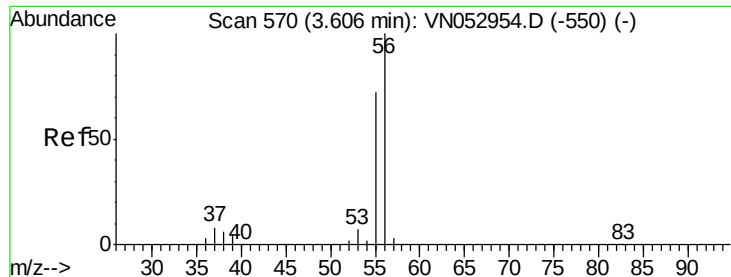


#12

1,1-Dichloroethene
 Concen: 20.244 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Tgt Ion: 96 Resp: 160894
 Ion Ratio Lower Upper
 96 100
 61 154.5 125.6 188.4
 98 62.9 50.6 75.8





#13

Acrolein

Concen: 101.188 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

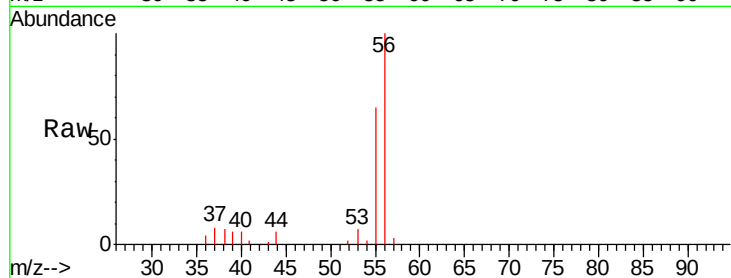
VN1227WBS01

Tgt Ion: 56 Resp: 47372

Ion Ratio Lower Upper

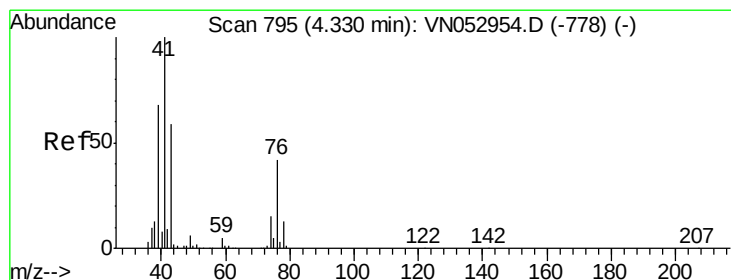
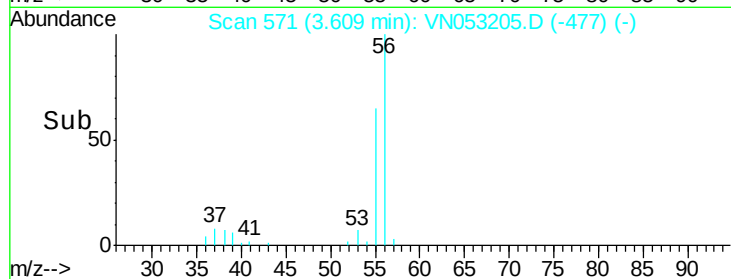
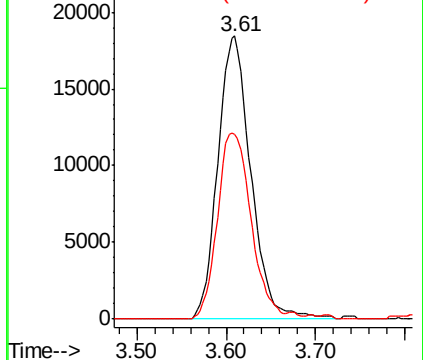
56 100

55 66.4 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 22.147 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

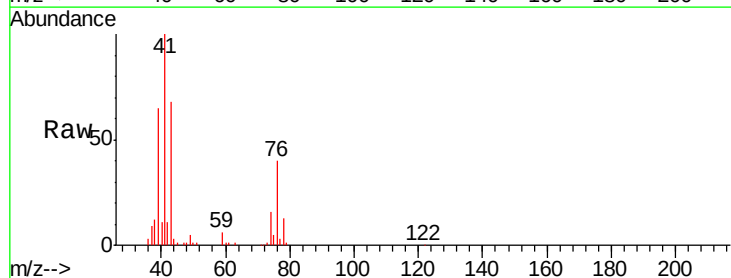
Tgt Ion: 41 Resp: 272639

Ion Ratio Lower Upper

41 100

39 61.8 54.1 81.1

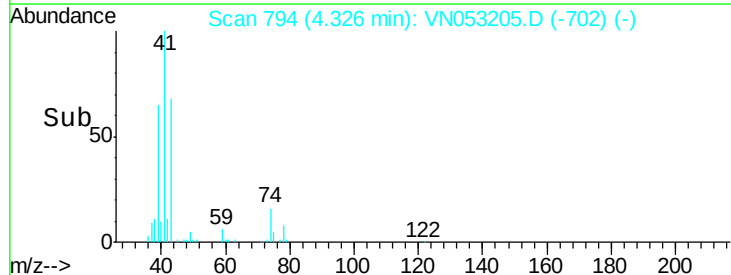
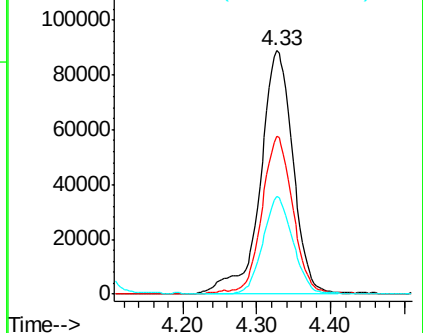
76 36.7 30.3 45.5

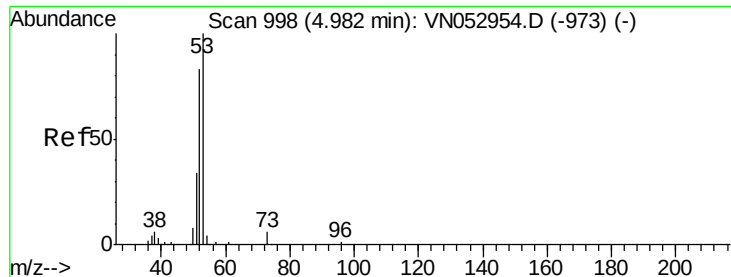


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 106.973 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

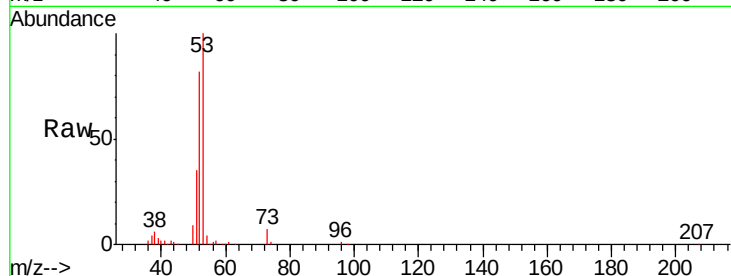
Tgt Ion: 53 Resp: 306835

Ion Ratio Lower Upper

53 100

52 82.3 65.1 97.7

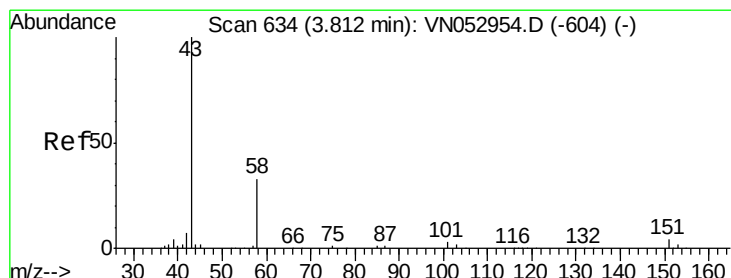
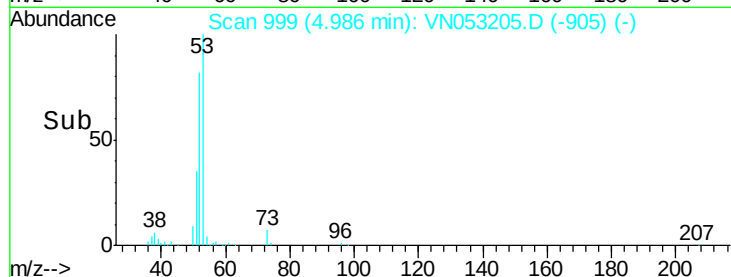
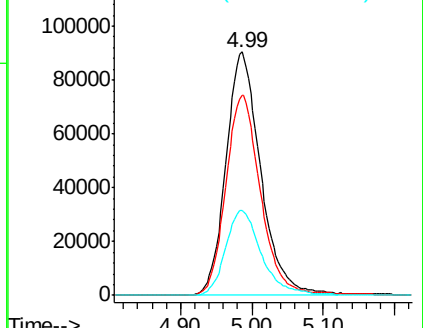
51 36.2 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN053205.D (-905) (-)

Ion 52.00 (51.70 to 52.70): VN053205.D (-905) (-)

Ion 51.00 (50.70 to 51.70): VN053205.D (-905) (-)



#16

Acetone

Concen: 114.260 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053205.D

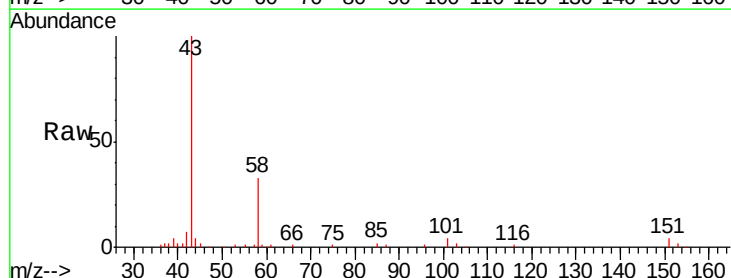
Acq: 27 Dec 2018 11:56

Tgt Ion: 43 Resp: 189569

Ion Ratio Lower Upper

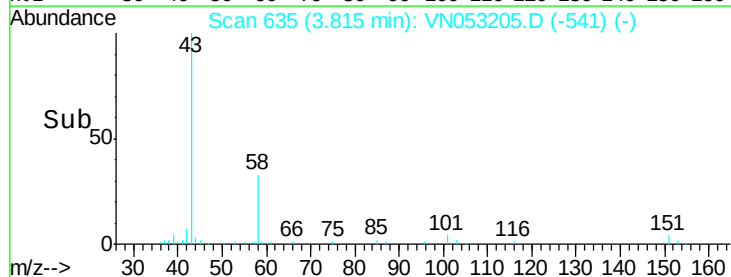
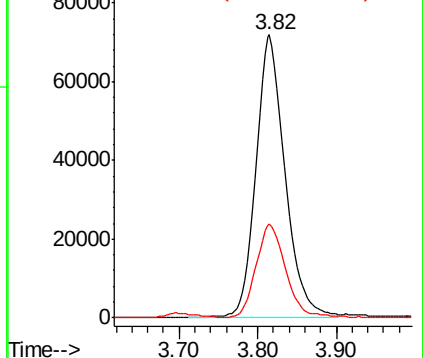
43 100

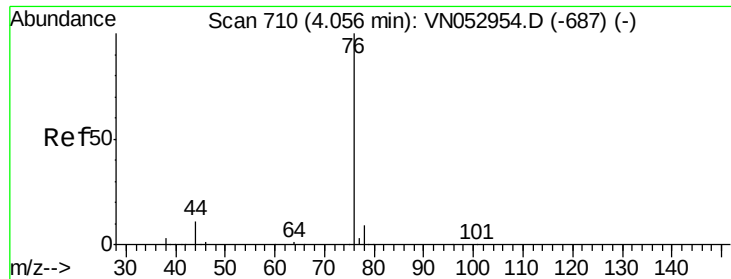
58 32.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053205.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053205.D (-541) (-)

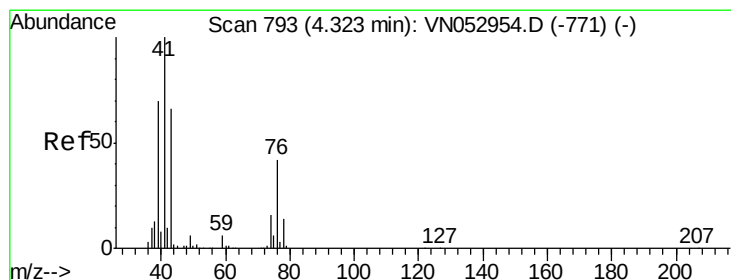
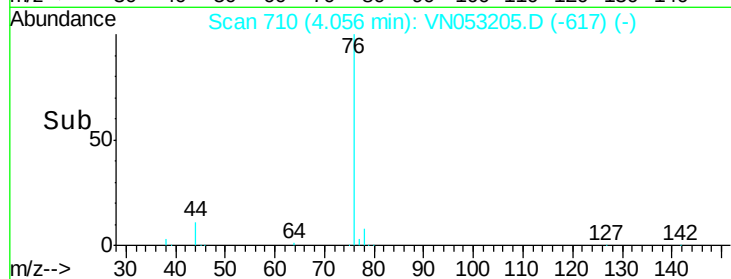
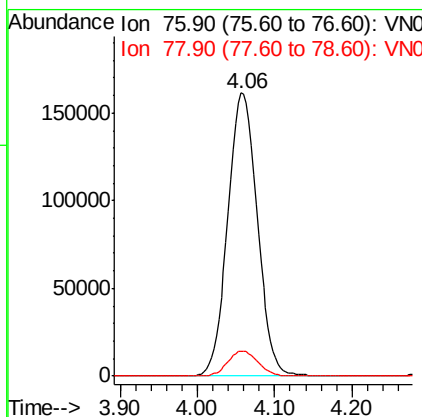
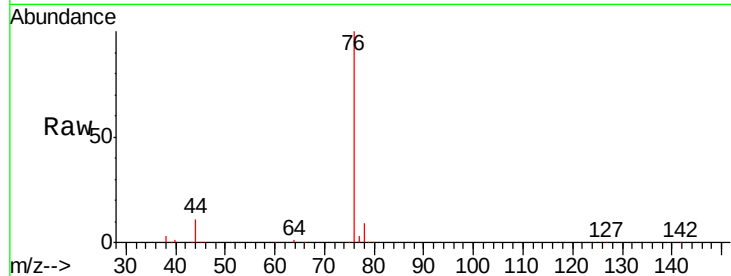




#17
Carbon Disulfide
Concen: 16.543 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

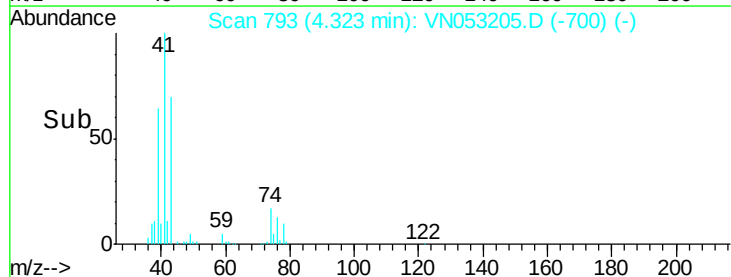
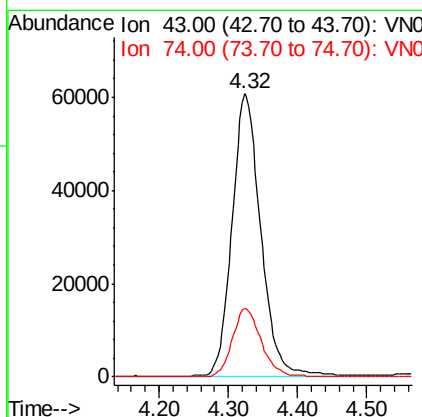
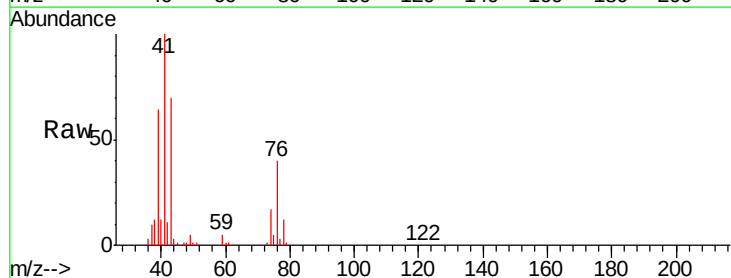
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

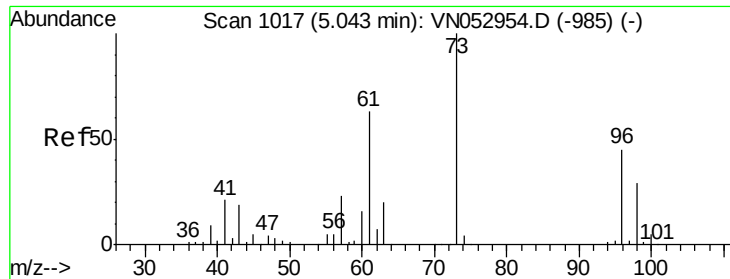
Tgt Ion: 76 Resp: 428774
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 23.656 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

Tgt Ion: 43 Resp: 174122
Ion Ratio Lower Upper
43 100
74 24.6 19.2 28.8

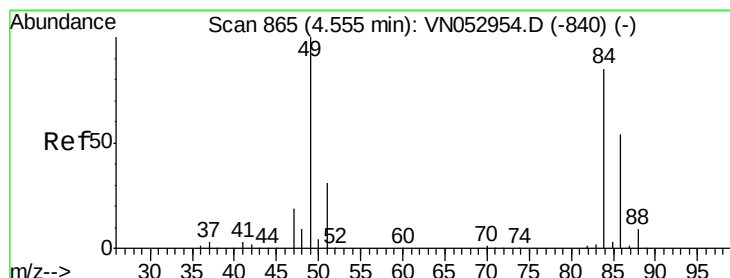
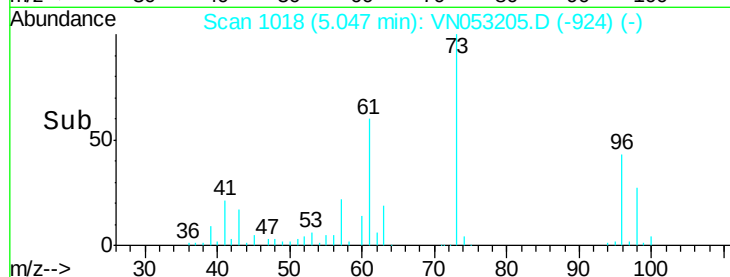
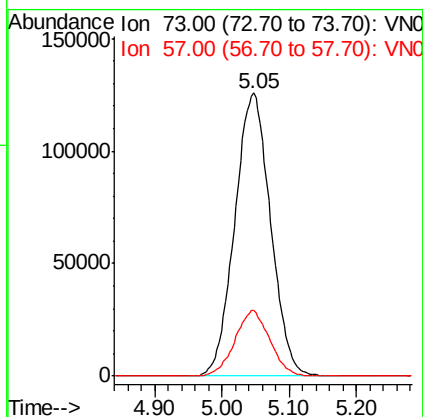
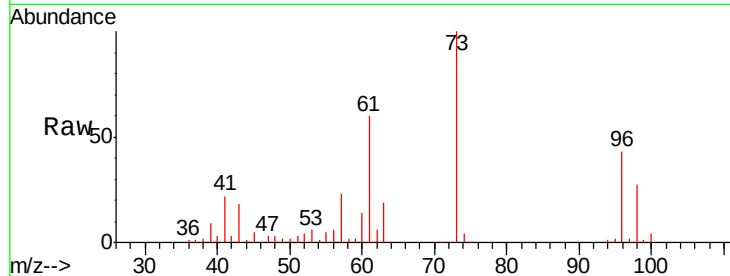




#19
Methyl tert-butyl Ether
Concen: 21.853 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

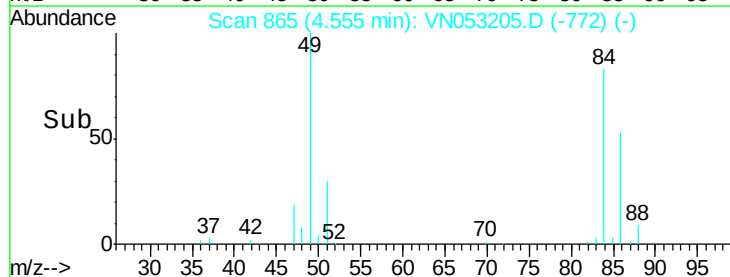
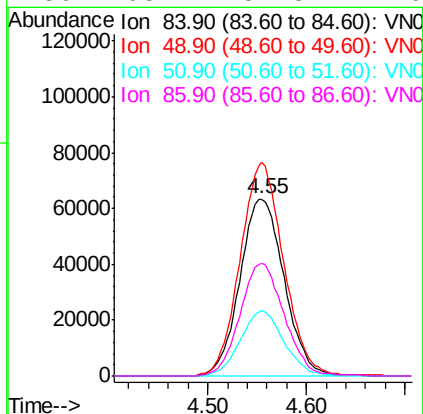
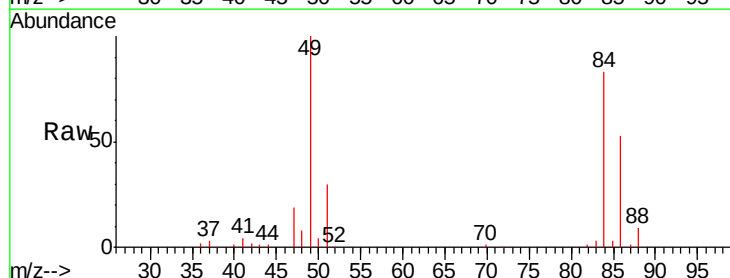
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

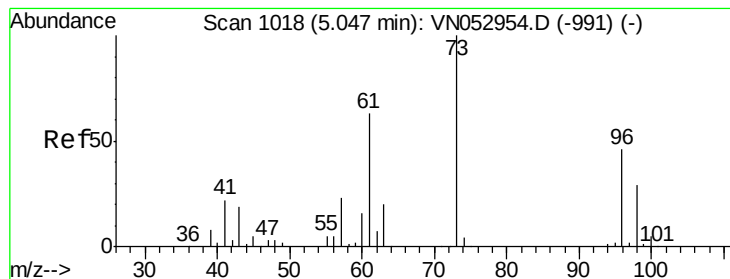
Tgt Ion: 73 Resp: 464770
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6



#20
Methylene Chloride
Concen: 21.720 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

Tgt Ion: 84 Resp: 196568
Ion Ratio Lower Upper
84 100
49 120.8 96.8 145.2
51 36.7 29.9 44.9
86 63.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 20.101 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

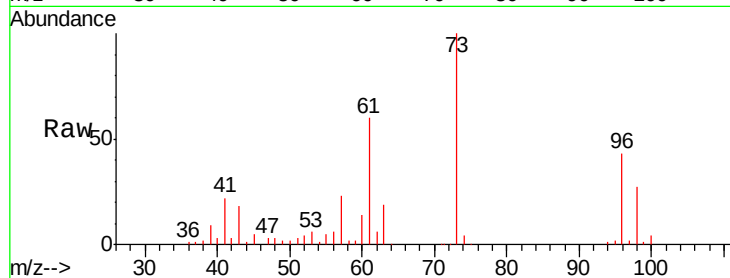
Tgt Ion: 96 Resp: 171642

Ion Ratio Lower Upper

96 100

61 140.6 110.8 166.2

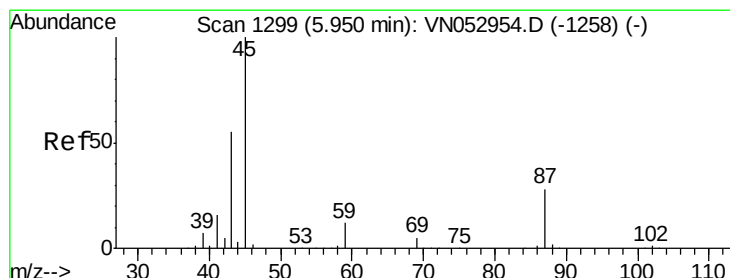
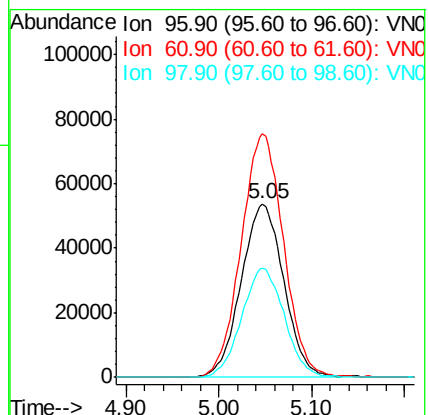
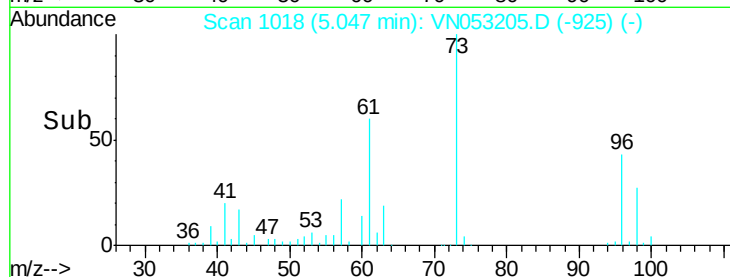
98 63.2 51.4 77.2



Abundance Ion 95.90 (95.60 to 96.60): VN053205.D (-1206) (-)

Ion 60.90 (60.60 to 61.60): VN053205.D (-1206) (-)

Ion 97.90 (97.60 to 98.60): VN053205.D (-1206) (-)



#22

Diisopropyl ether

Concen: 22.540 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Tgt Ion: 45 Resp: 592273

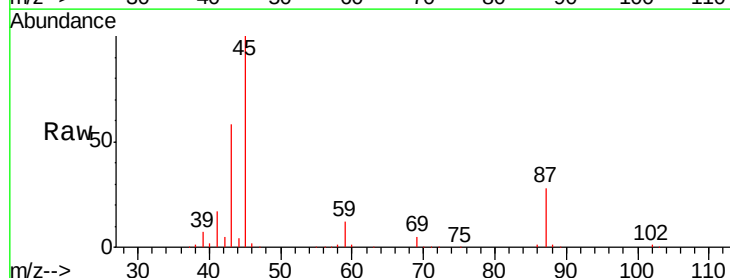
Ion Ratio Lower Upper

45 100

43 56.4 45.5 68.3

87 27.6 22.0 33.0

59 11.7 9.4 14.0

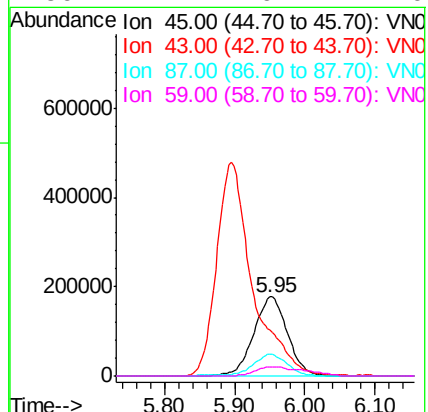
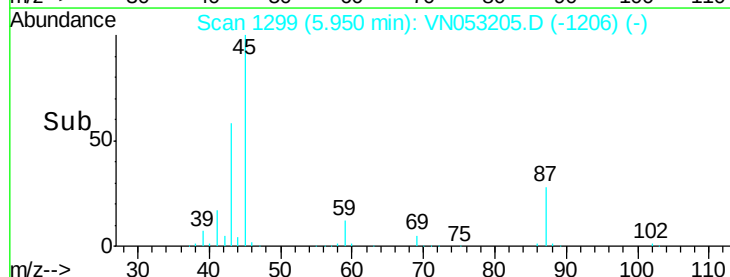


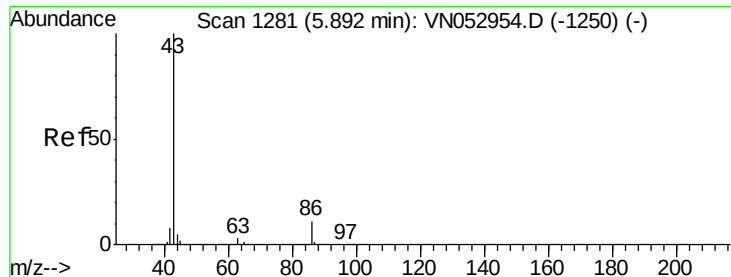
Abundance Ion 45.00 (44.70 to 45.70): VN053205.D (-1206) (-)

Ion 43.00 (42.70 to 43.70): VN053205.D (-1206) (-)

Ion 87.00 (86.70 to 87.70): VN053205.D (-1206) (-)

Ion 59.00 (58.70 to 59.70): VN053205.D (-1206) (-)





#23

Vinyl Acetate

Concen: 112.306 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

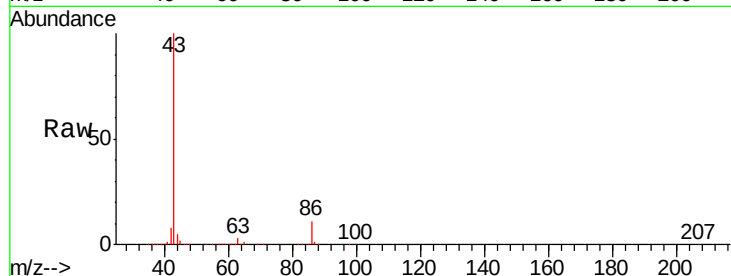
VN1227WBS01

Tgt Ion: 43 Resp: 1696950

Ion Ratio Lower Upper

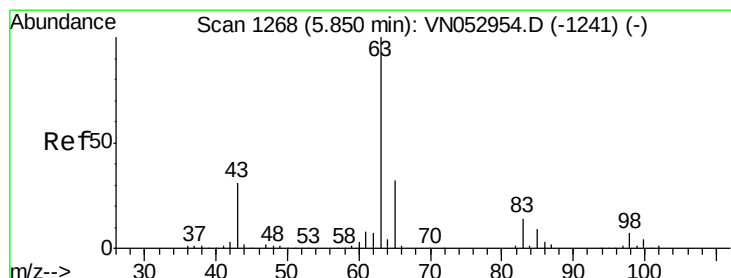
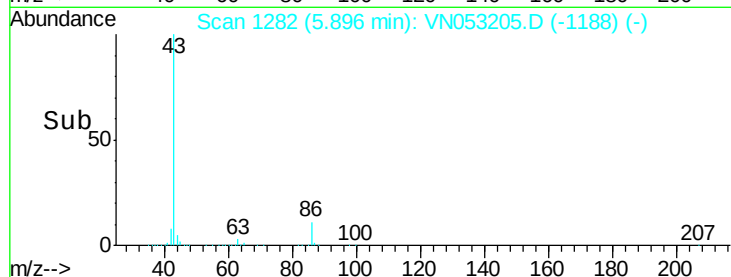
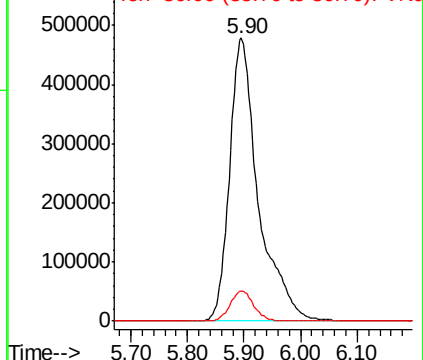
43 100

86 10.8 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 21.797 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

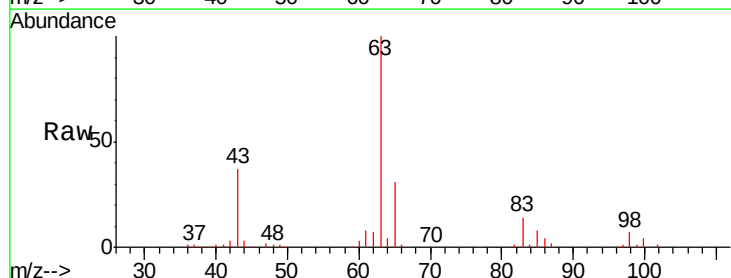
Tgt Ion: 63 Resp: 340349

Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.4

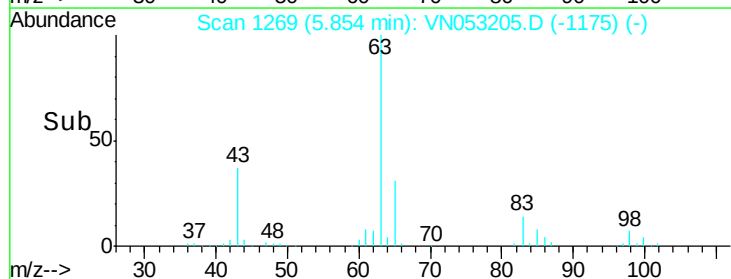
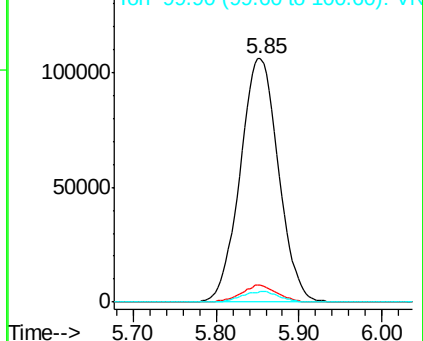
100 4.2 2.0 5.8

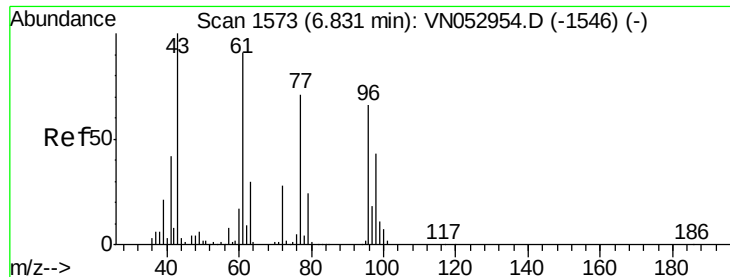


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 117.110 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

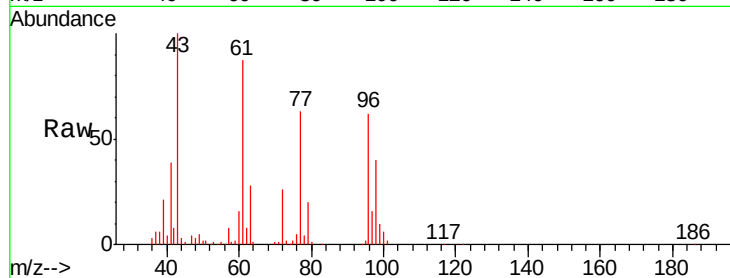
VN1227WBS01

Tgt Ion: 43 Resp: 326078

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.83

120000

100000

80000

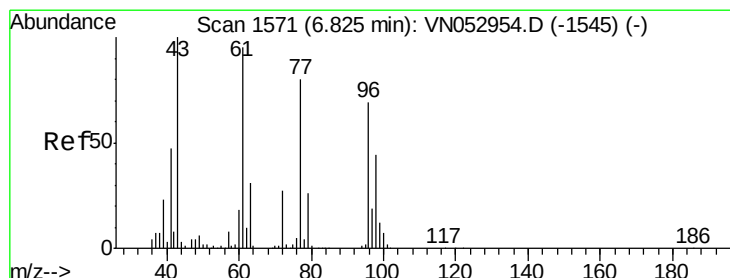
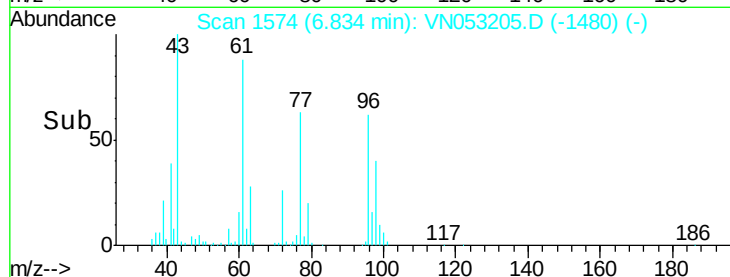
60000

40000

20000

0

Time--> 6.70 6.75 6.80 6.85 6.90



#26

2,2-Dichloropropane

Concen: 20.195 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN053205.D

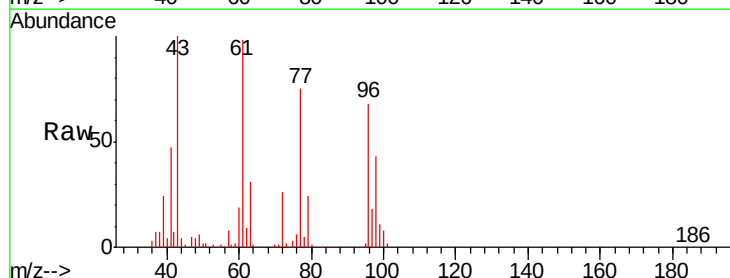
Acq: 27 Dec 2018 11:56

Tgt Ion: 77 Resp: 240718

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

80000

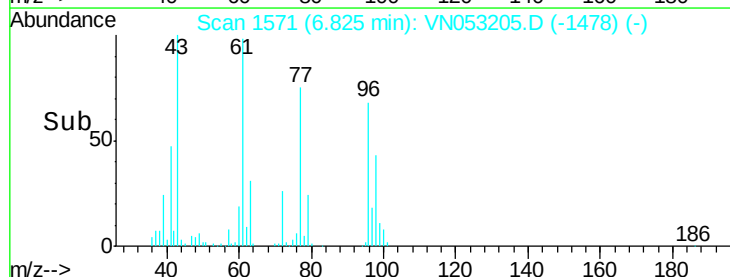
60000

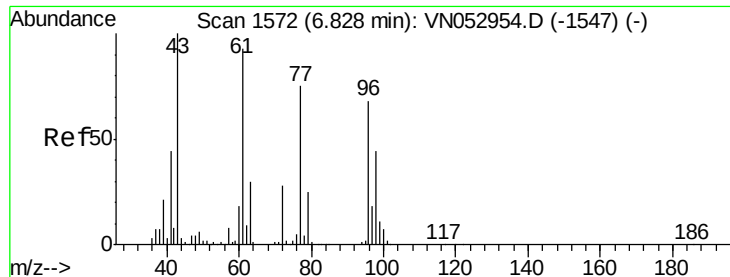
40000

20000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 21.222 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

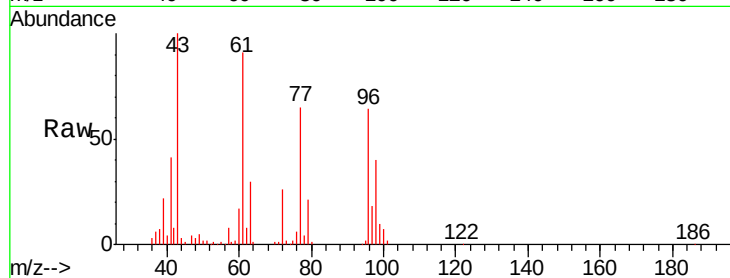
Tgt Ion: 96 Resp: 205151

Ion Ratio Lower Upper

96 100

61 142.1 0.0 284.2

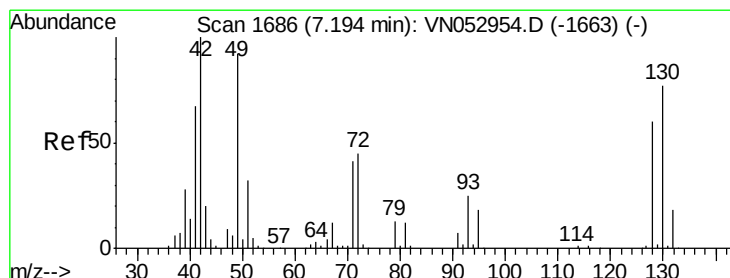
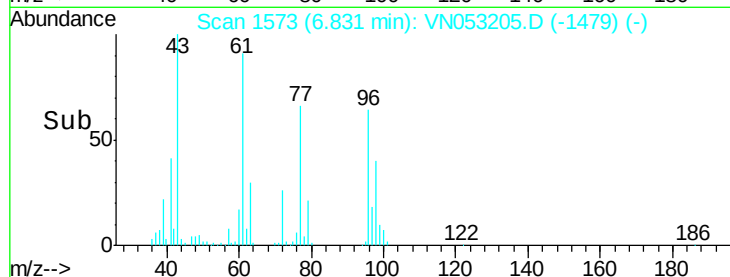
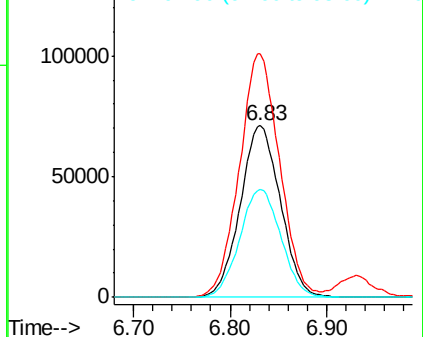
98 64.7 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN053205.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN053205.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN053205.D (-1479) (-)



#28

Bromochloromethane

Concen: 21.606 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

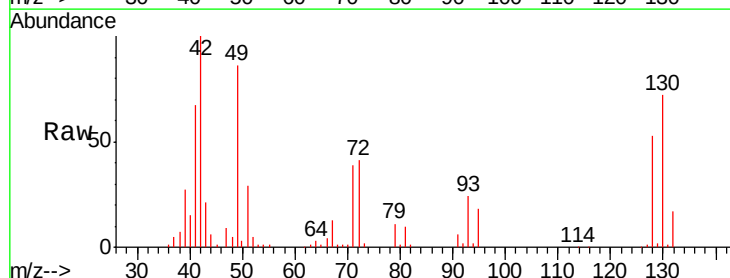
Tgt Ion: 49 Resp: 146186

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

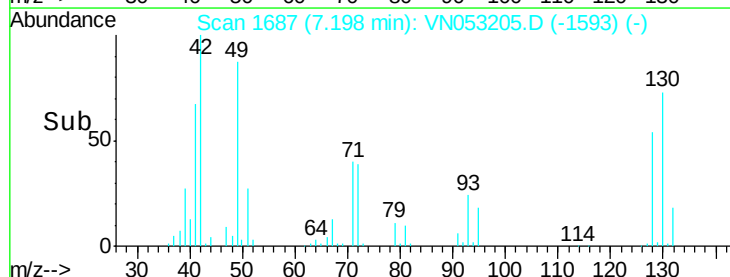
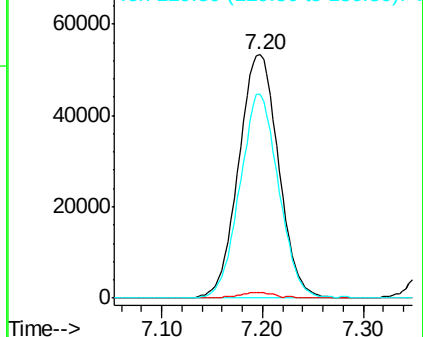
130 81.4 63.3 94.9

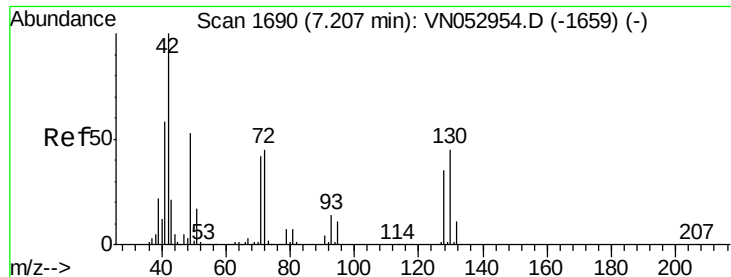


Abundance Ion 48.90 (48.60 to 49.60): VN053205.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN053205.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN053205.D (-1593) (-)

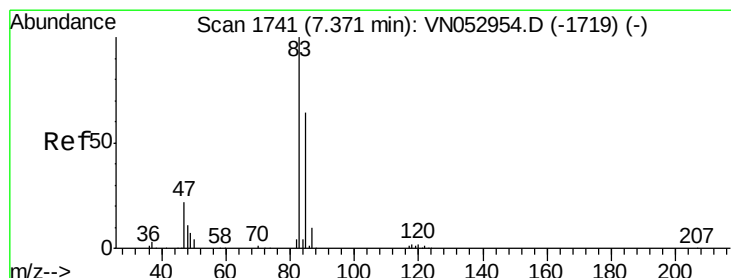
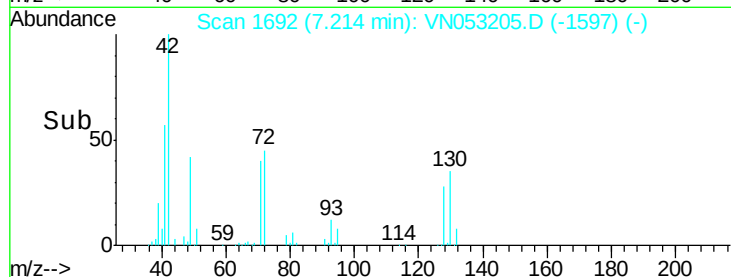
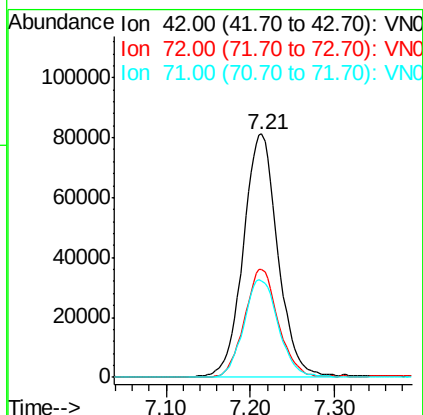
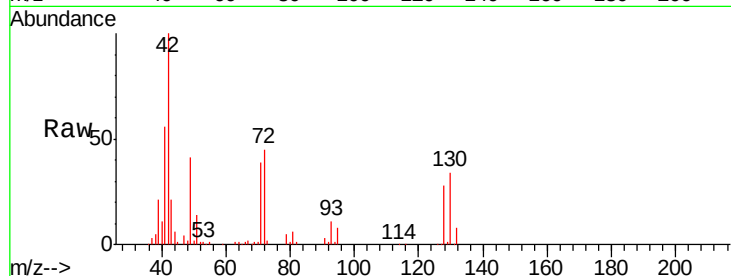




#29
Tetrahydrofuran
Concen: 110.447 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

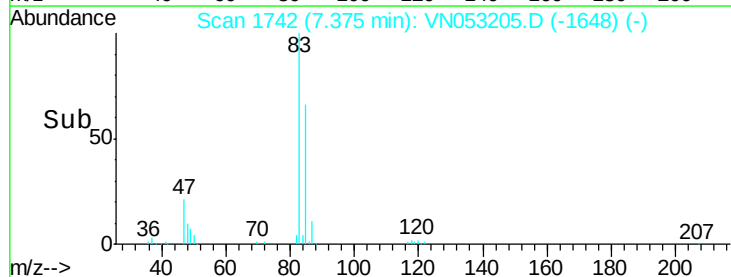
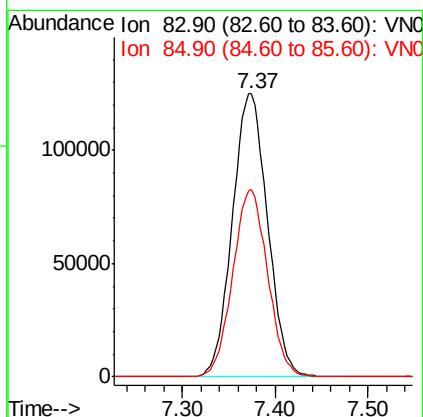
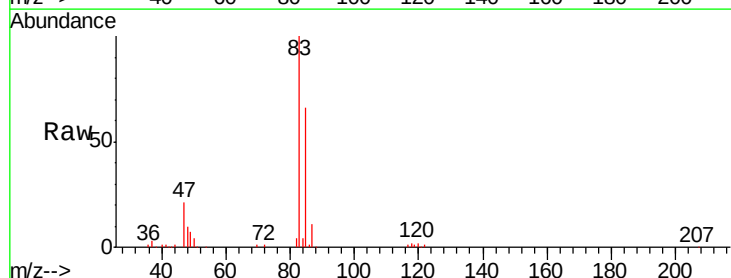
Instrument :
MSVOA_N
ClientSampled :
VN1227WBS01

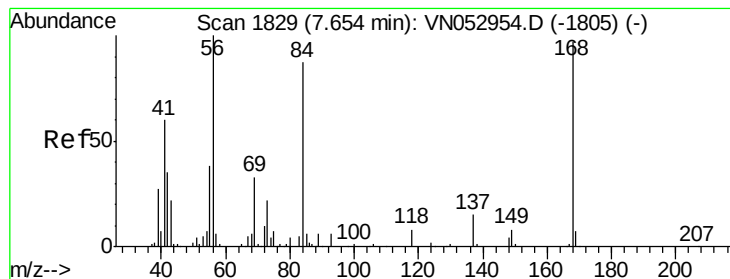
Tgt Ion: 42 Resp: 229682
Ion Ratio Lower Upper
42 100
72 43.7 34.7 52.1
71 40.7 32.3 48.5



#30
Chloroform
Concen: 21.449 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

Tgt Ion: 83 Resp: 329003
Ion Ratio Lower Upper
83 100
85 66.1 52.1 78.1





#31

Cyclohexane

Concen: 20.042 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampled :

VN1227WBS01

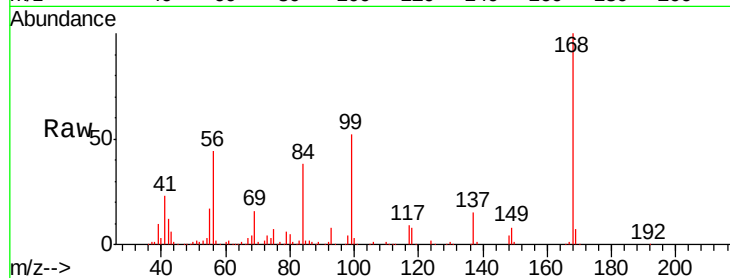
Tgt Ion: 56 Resp: 302734

Ion Ratio Lower Upper

56 100

69 36.9 26.6 39.8

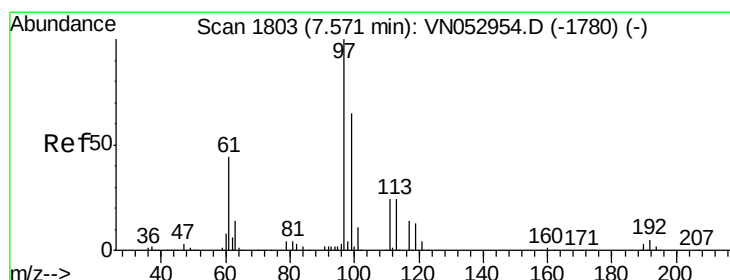
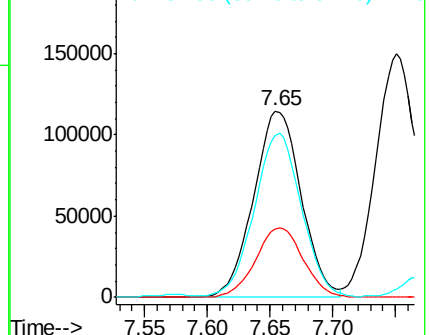
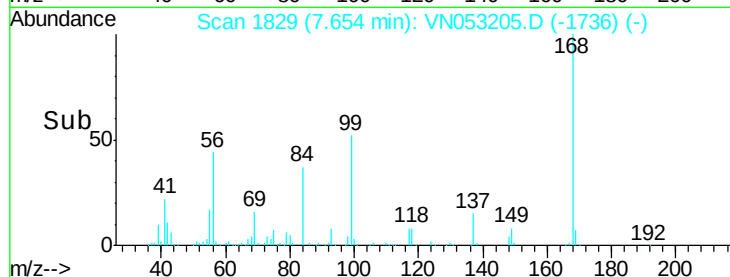
84 86.0 68.4 102.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.825 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

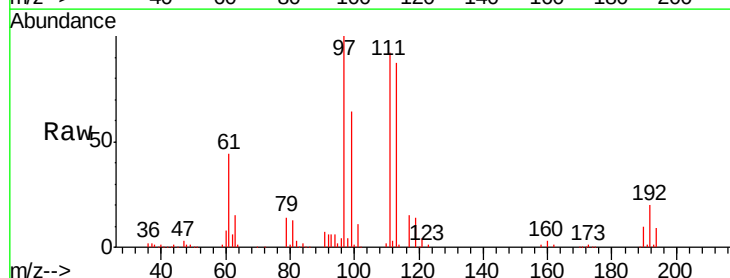
Tgt Ion: 97 Resp: 272121

Ion Ratio Lower Upper

97 100

99 64.4 51.1 76.7

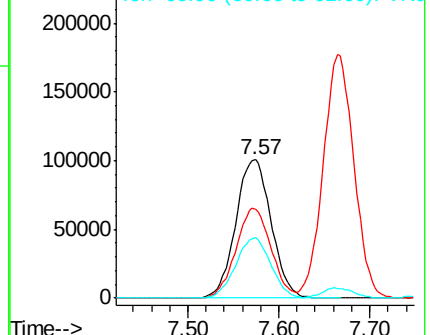
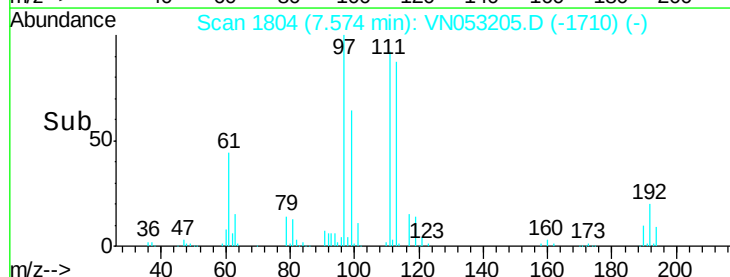
61 43.5 35.0 52.6

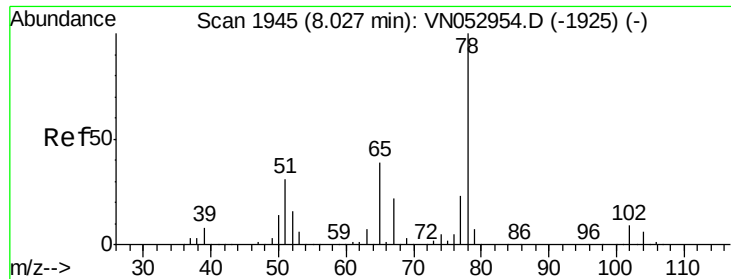


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

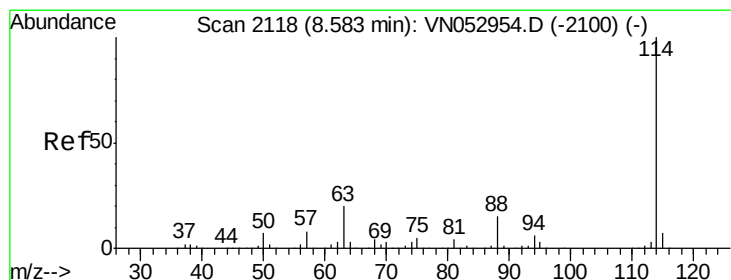
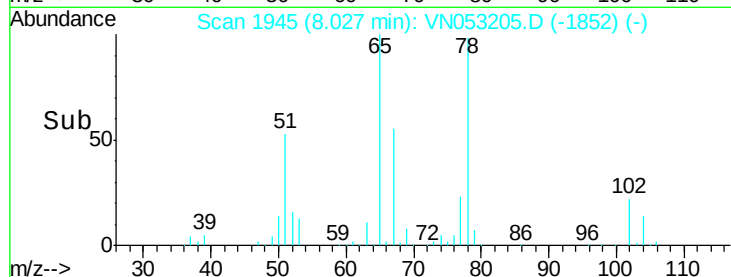
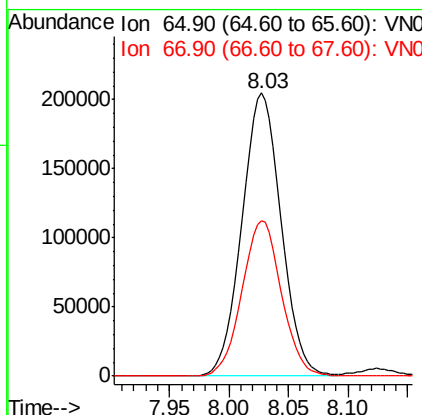
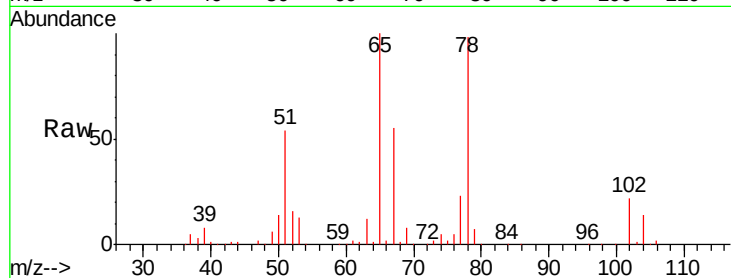




#33
 1,2-Dichloroethane-d4
 Concen: 20.825 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

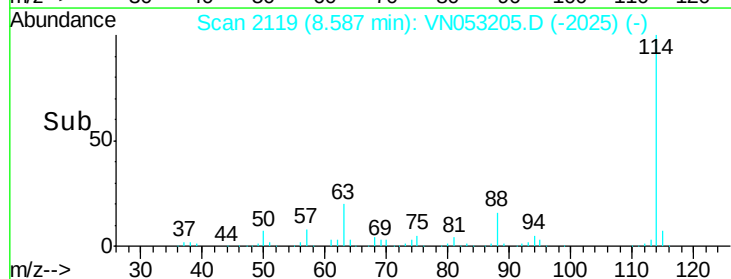
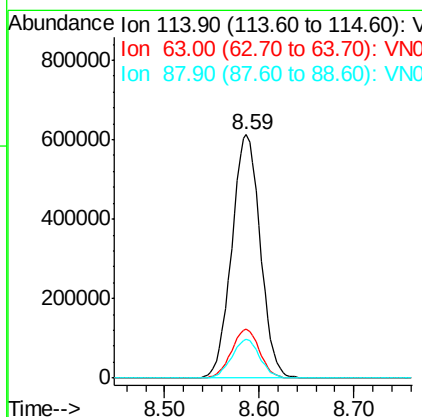
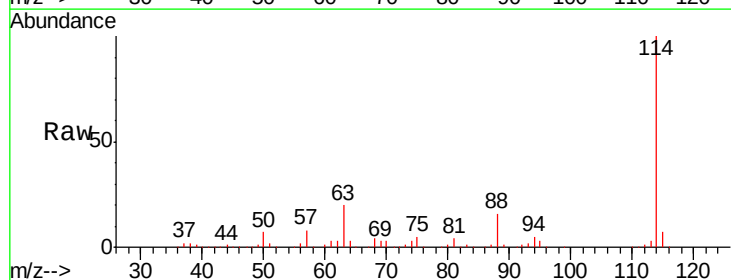
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBS01

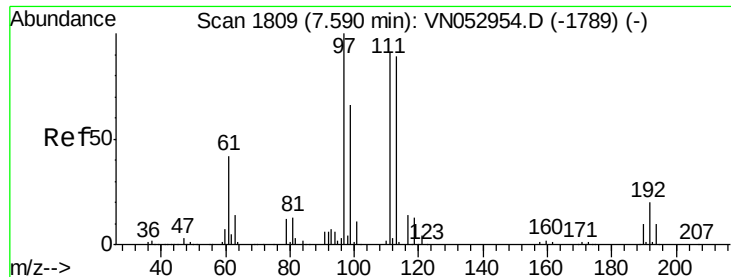
Tgt Ion: 65 Resp: 467289
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Tgt Ion: 114 Resp: 1283592
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.8 0.0 31.0

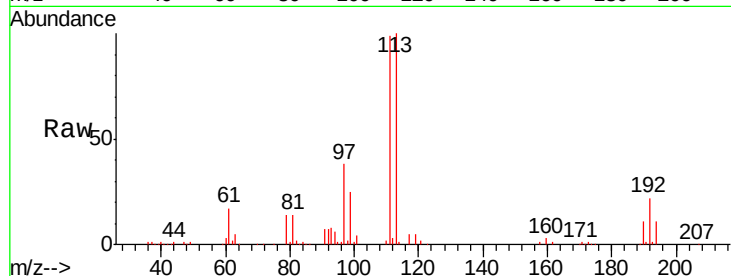




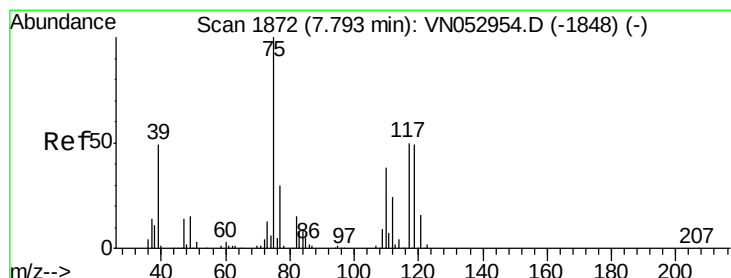
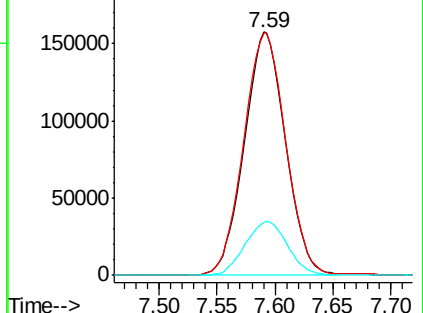
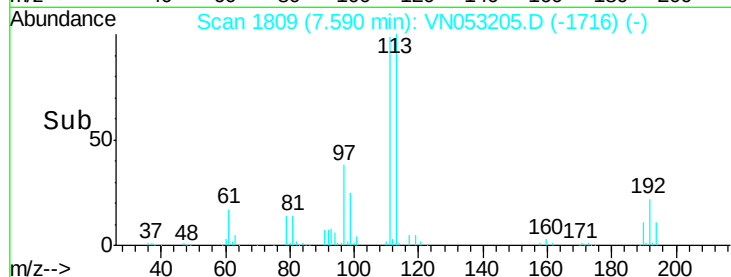
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBS01

Tgt Ion: 113 Resp: 389320
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.0 124.4
 192 22.8 17.5 26.3

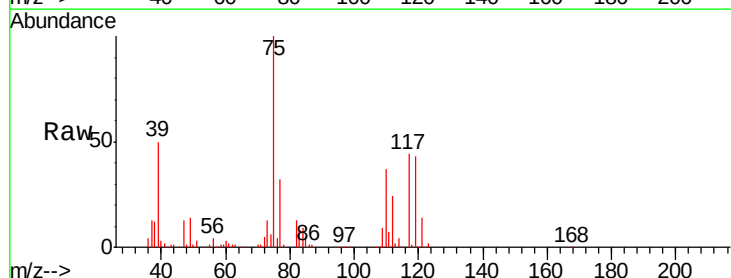


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

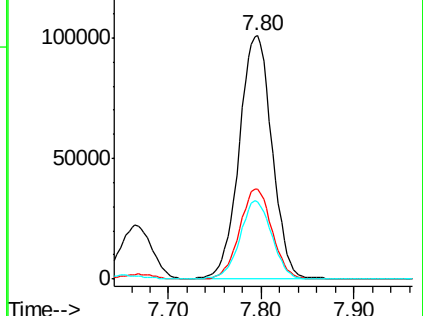
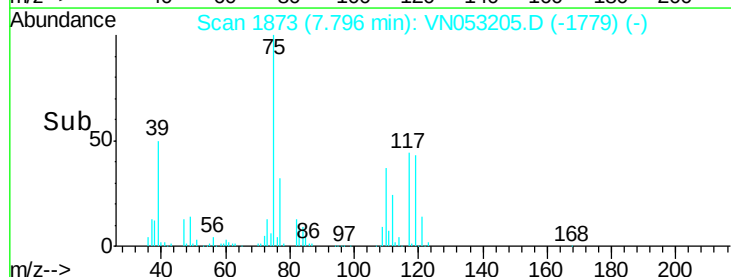


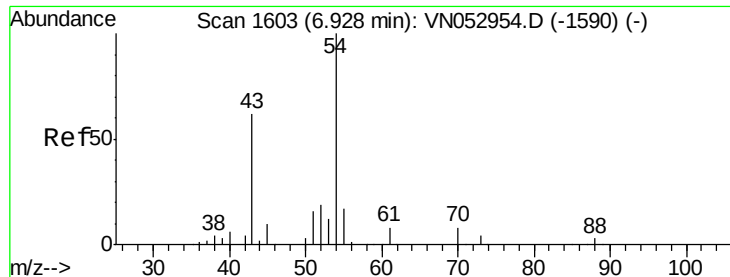
#36
 1,1-Dichloropropene
 Concen: 20.004 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Tgt Ion: 75 Resp: 246454
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.2 54.6
 77 31.3 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

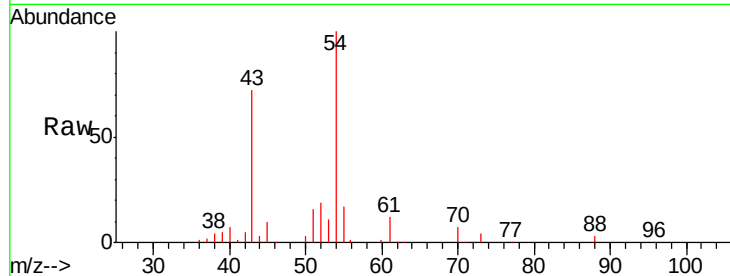




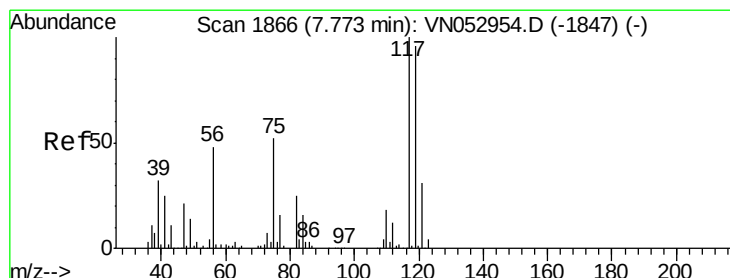
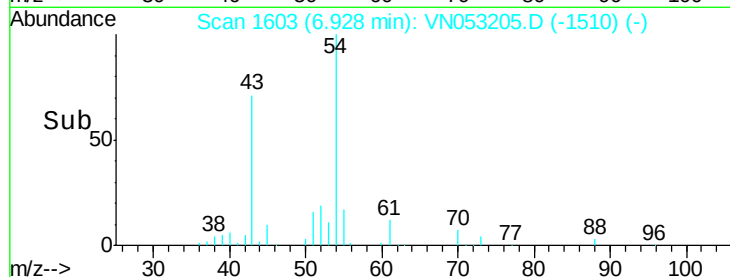
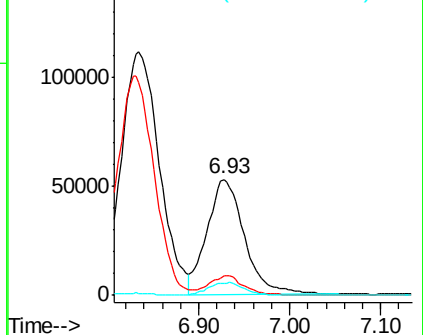
#37
 Ethyl Acetate
 Concen: 21.904 ug/l
 RT: 6.93 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Instrument :
 MSVOA_N
 ClientSampled :
 VN1227WBS01

Tgt Ion: 43 Resp: 150651
 Ion Ratio Lower Upper
 43 100
 61 15.1 11.8 17.6
 70 10.6 8.4 12.6

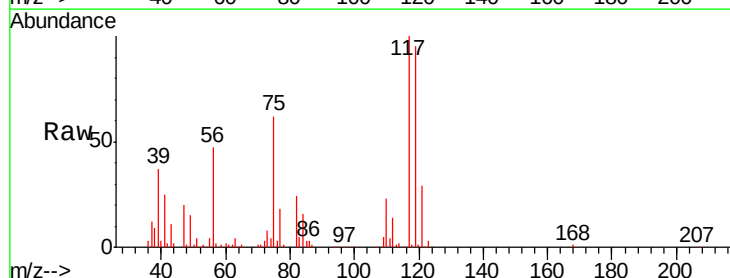


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

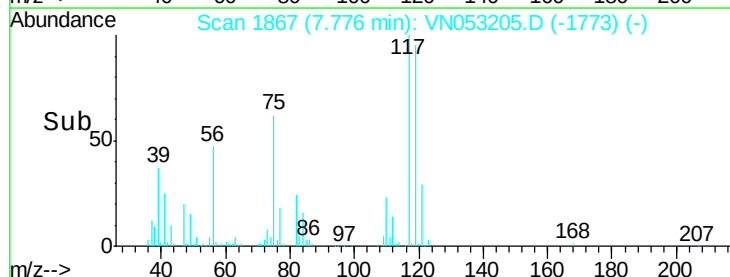
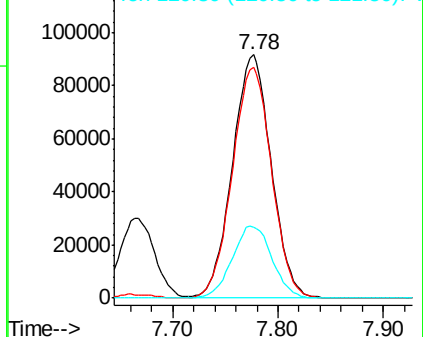


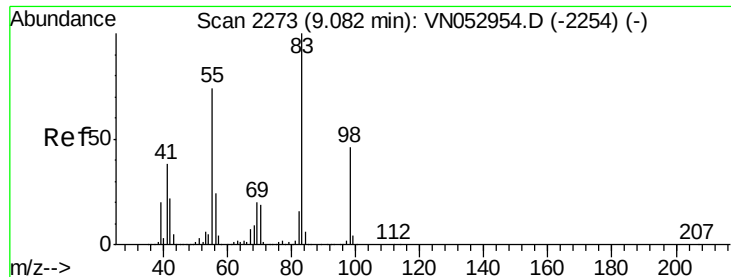
#38
 Carbon Tetrachloride
 Concen: 20.776 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Tgt Ion: 117 Resp: 234621
 Ion Ratio Lower Upper
 117 100
 119 94.6 77.1 115.7
 121 29.1 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

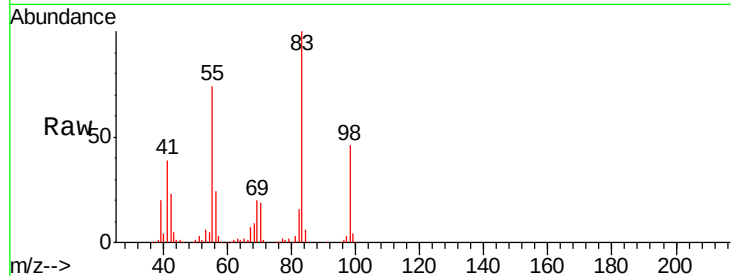




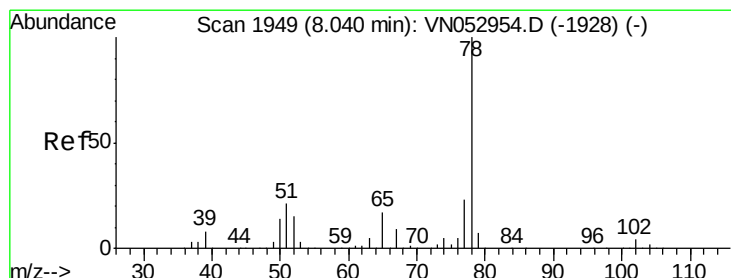
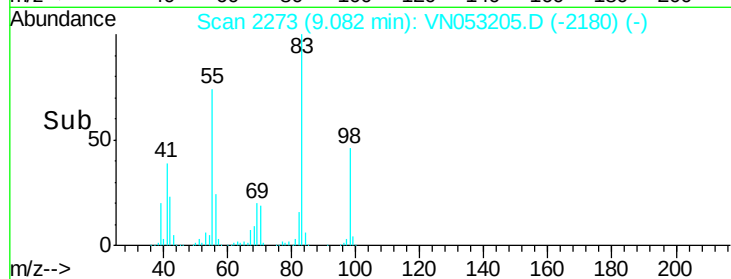
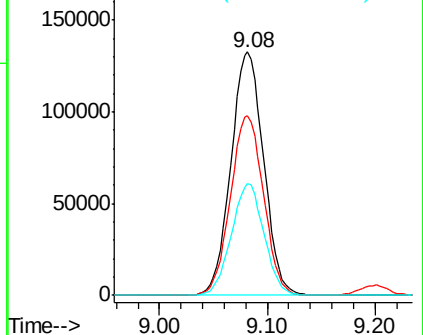
#39
Methylcyclohexane
Concen: 18.713 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion: 83 Resp: 280077
Ion Ratio Lower Upper
83 100
55 73.8 61.3 91.9
98 46.1 37.0 55.4

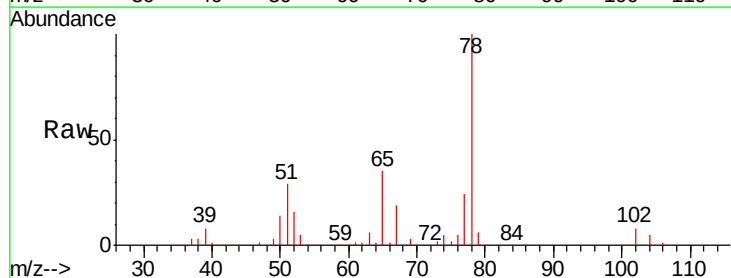


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

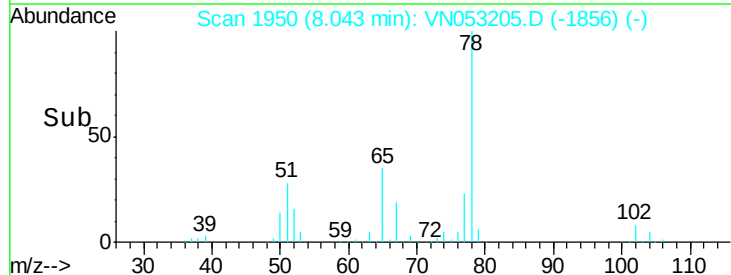
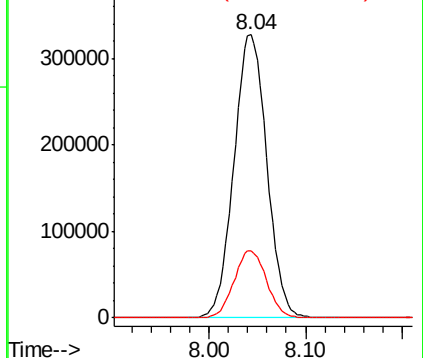


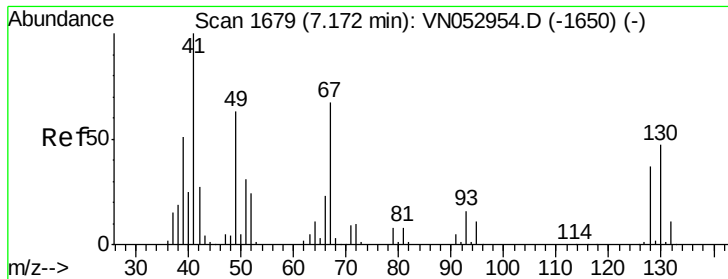
#40
Benzene
Concen: 21.132 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

Tgt Ion: 78 Resp: 774400
Ion Ratio Lower Upper
78 100
77 23.6 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

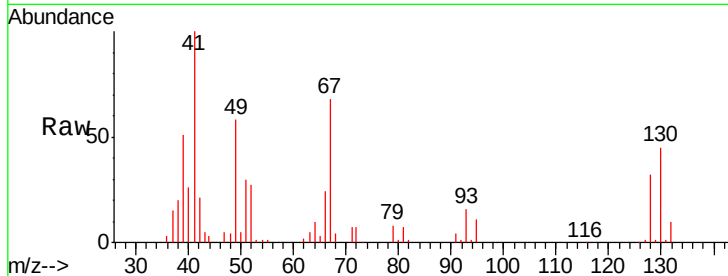




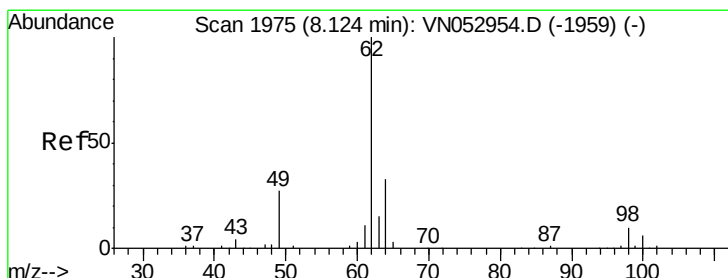
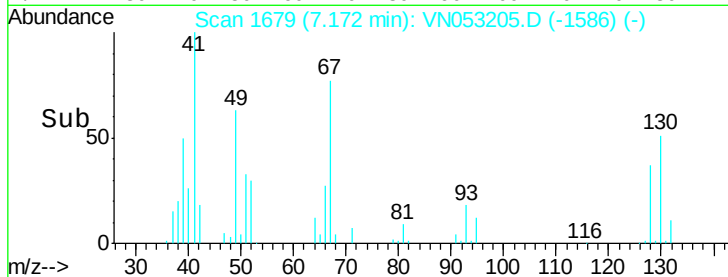
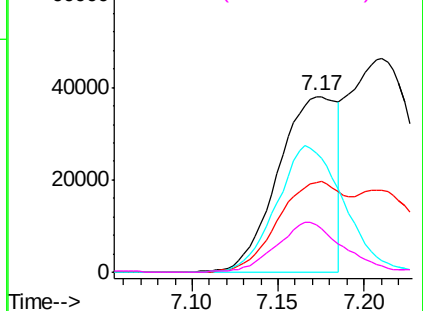
#41
Methacrylonitrile
Concen: 22.726 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

Instrument :
MSVOA_N
ClientSampled :
VN1227WBS01

Tgt Ion: 41 Resp: 90313
Ion Ratio Lower Upper
41 100
39 58.0 48.0 72.0
67 82.9 70.3 105.5
52 32.6 26.9 40.3

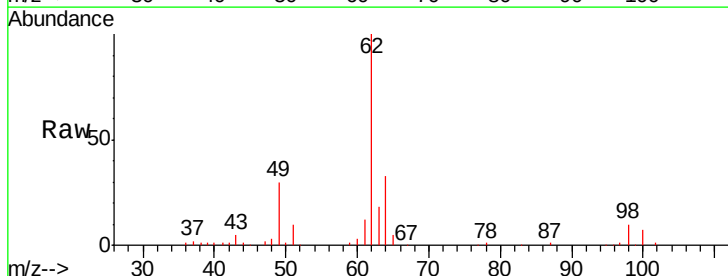


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

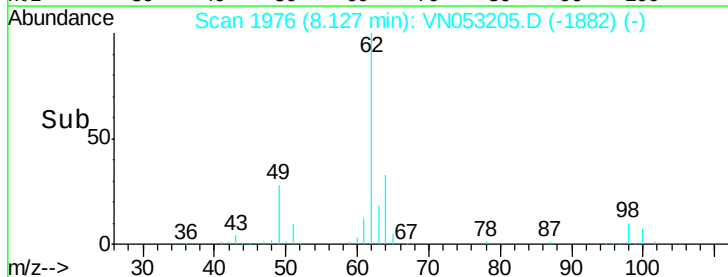
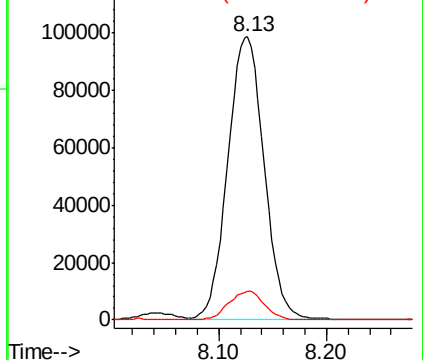


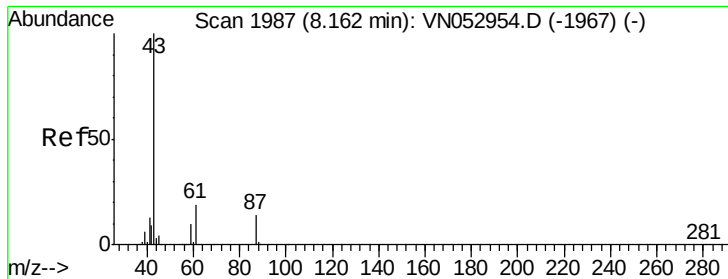
#42
1,2-Dichloroethane
Concen: 21.279 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

Tgt Ion: 62 Resp: 230361
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



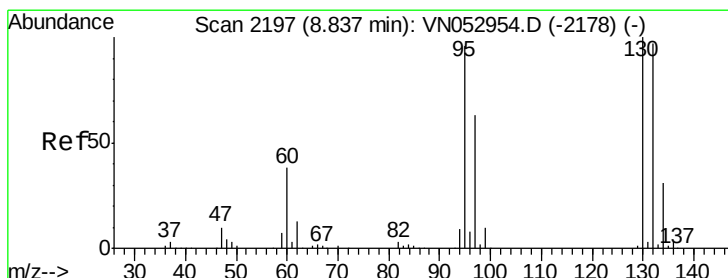
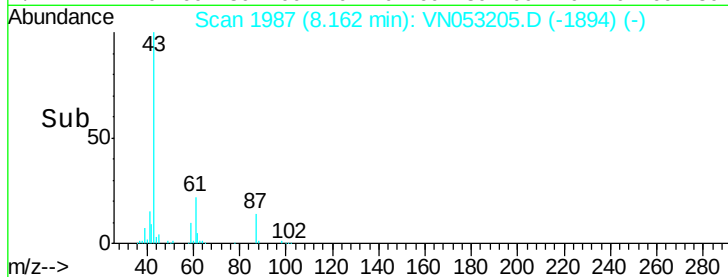
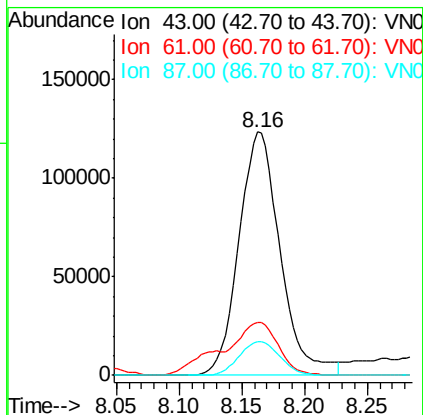
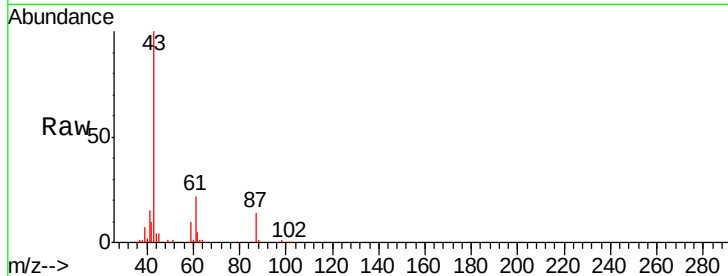


#43

Isopropyl Acetate
 Concen: 20.515 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBS01

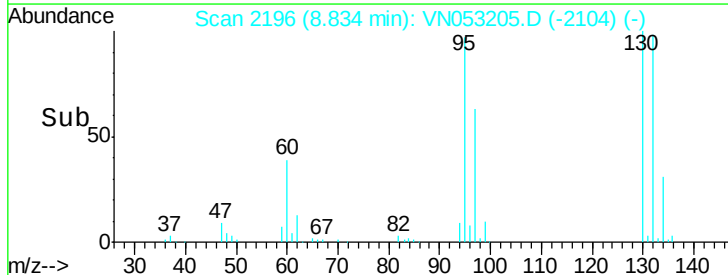
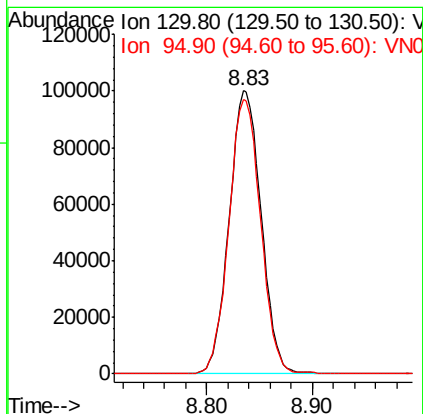
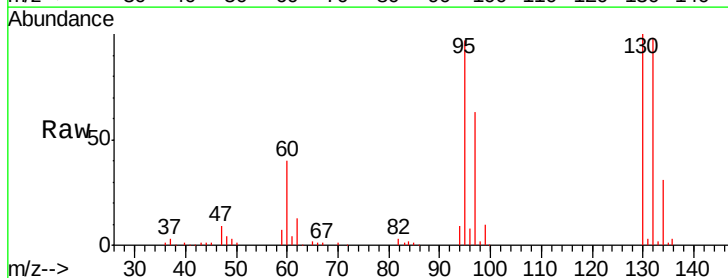
Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.2	22.9	34.3
87	13.8	10.6	15.8

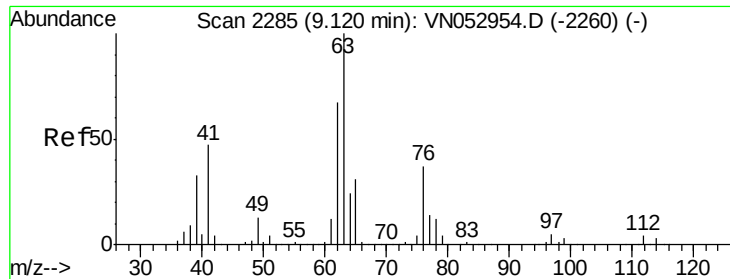


#44

Trichloroethene
 Concen: 19.775 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	197.8

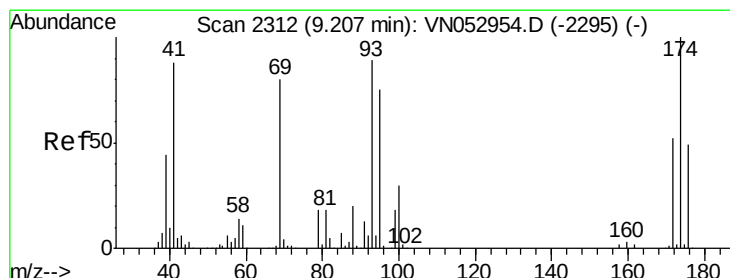
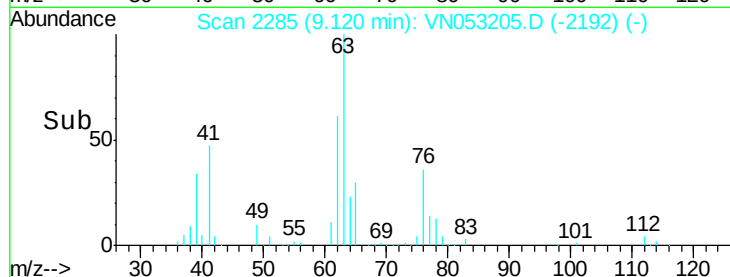
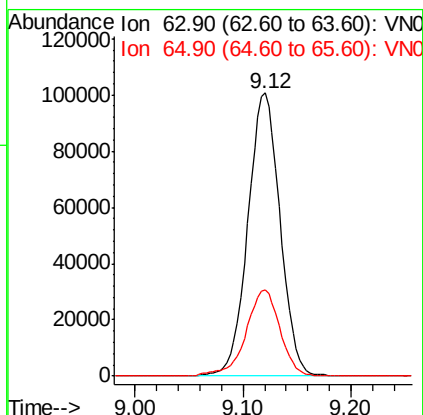
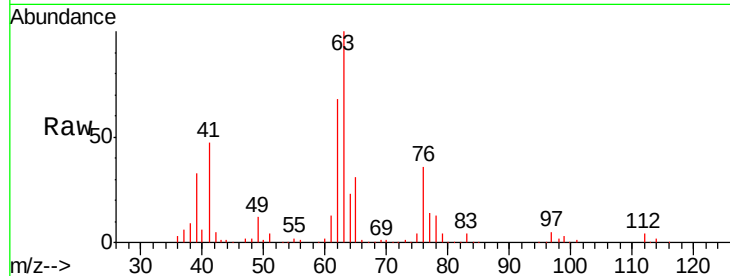




#45
 1,2-Dichloropropane
 Concen: 21.781 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

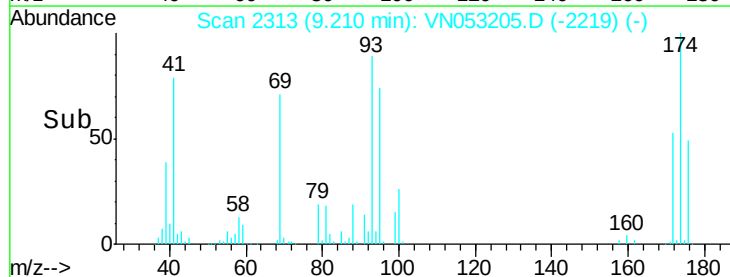
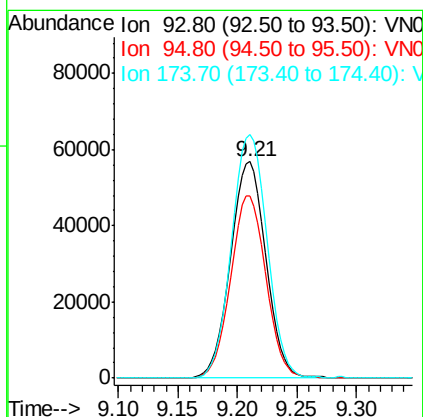
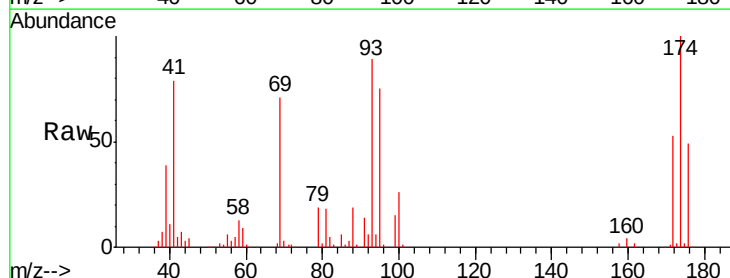
Instrument :
 MSVOA_N
 ClientSampled :
 VN1227WBS01

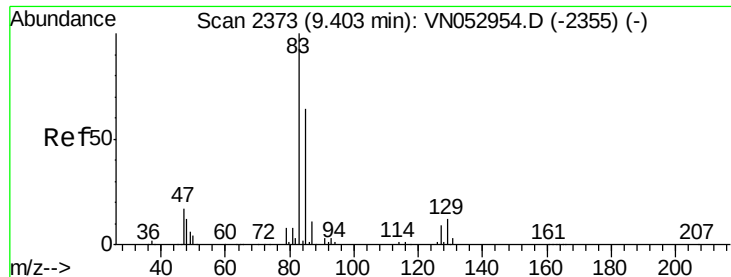
Tgt Ion: 63 Resp: 207910
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.6 37.0



#46
 Dibromomethane
 Concen: 21.151 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Tgt Ion: 93 Resp: 117614
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.8 101.6
 174 113.1 89.0 133.4

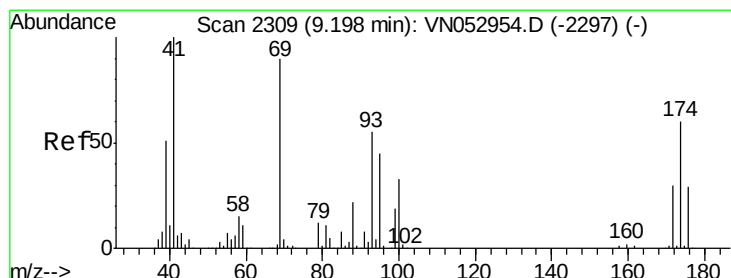
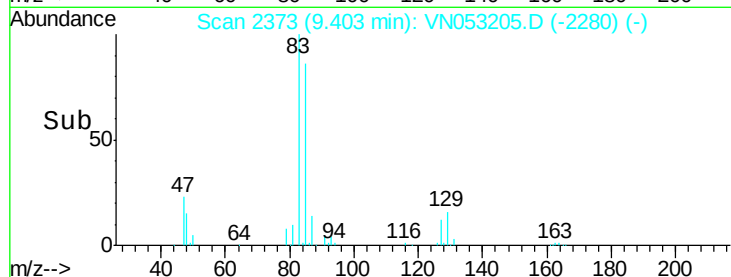
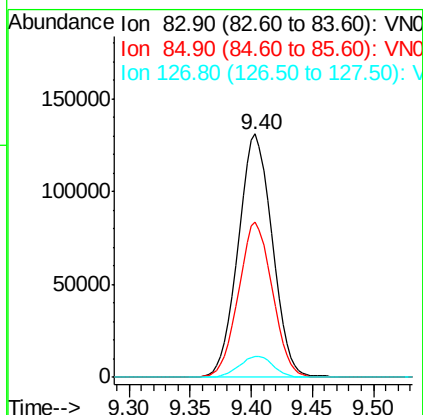
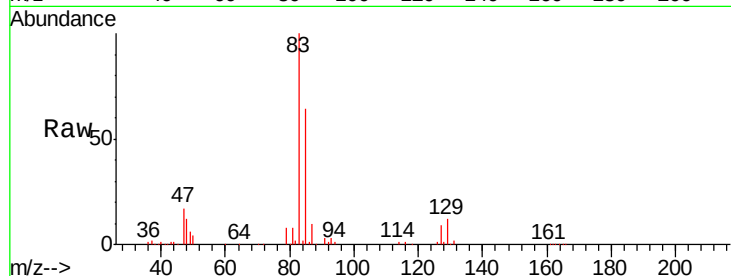




#47
Bromodichloromethane
Concen: 21.377 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

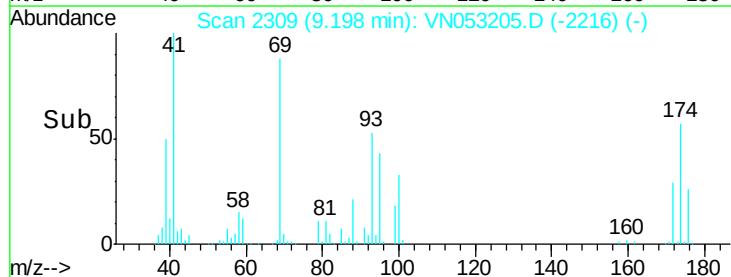
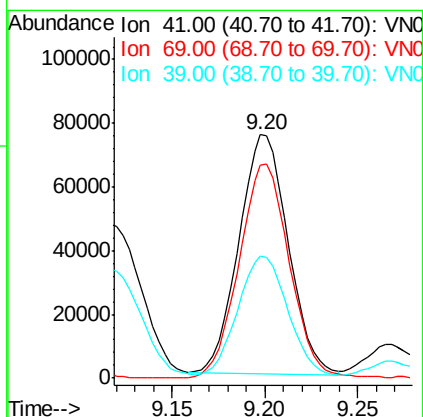
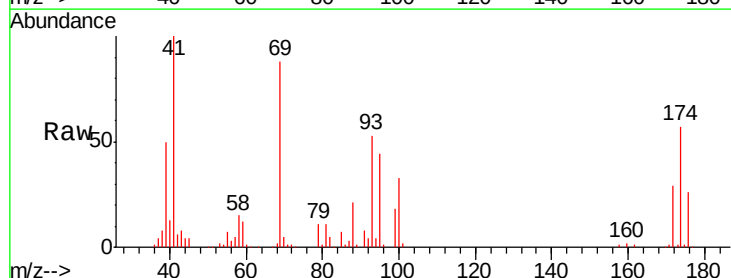
Instrument :
MSVOA_N
ClientSampled :
VN1227WBS01

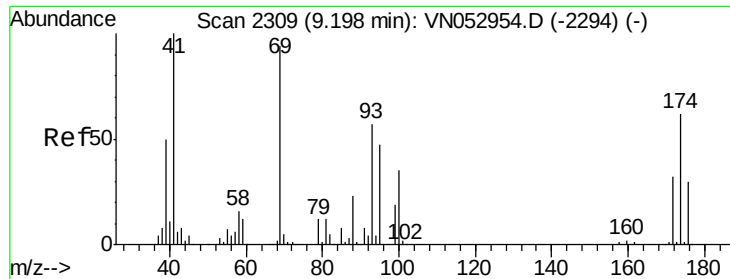
Tgt Ion: 83 Resp: 252677
Ion Ratio Lower Upper
83 100
85 63.7 51.6 77.4
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 20.778 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

Tgt Ion: 41 Resp: 138671
Ion Ratio Lower Upper
41 100
69 91.8 72.2 108.2
39 52.7 41.9 62.9

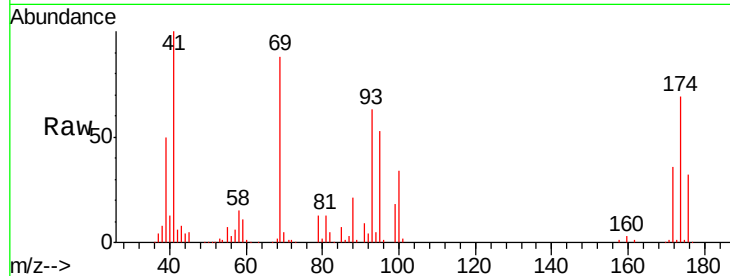




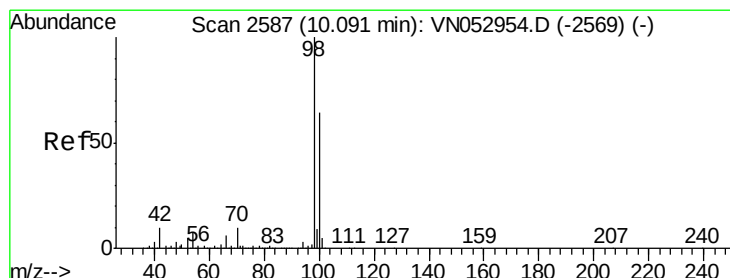
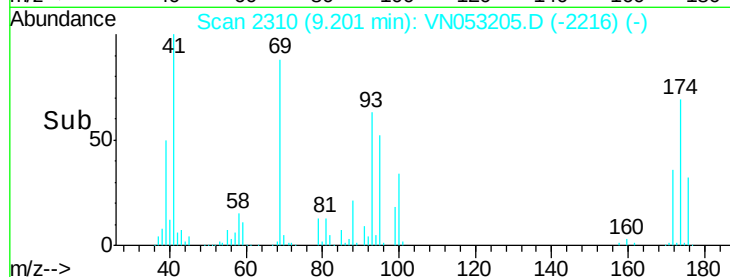
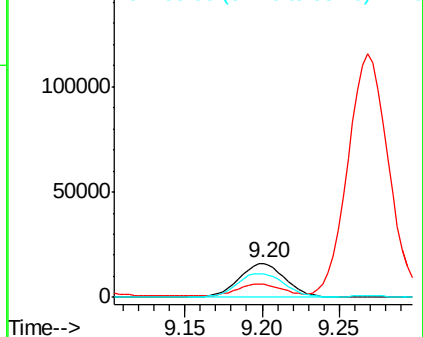
#49
1,4-Dioxane
Concen: 396.124 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion: 88 Resp: 33442
Ion Ratio Lower Upper
88 100
43 32.9 26.6 40.0
58 73.4 58.4 87.6

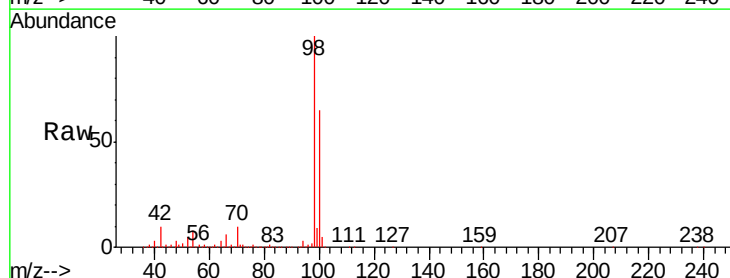


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

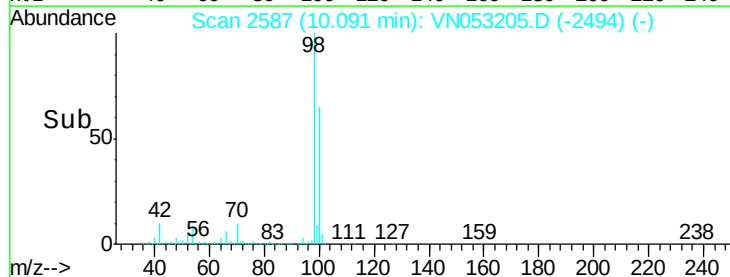
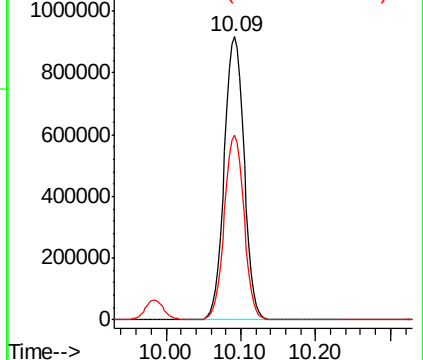


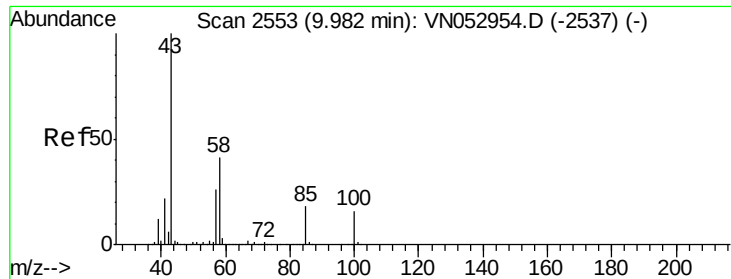
#50
Toluene-d8
Concen: 396.124 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

Tgt Ion: 98 Resp: 1675831
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



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

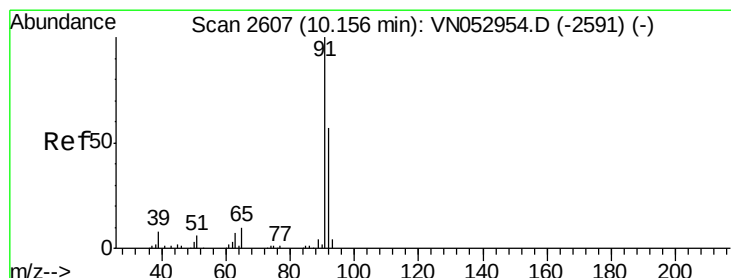
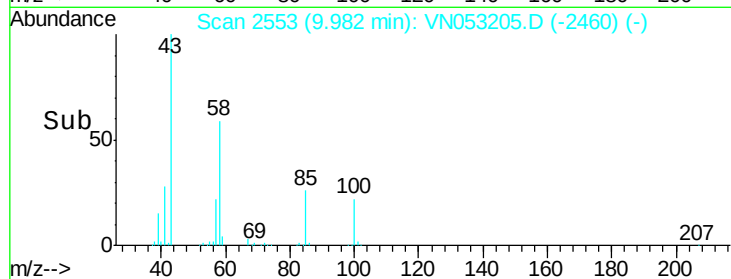
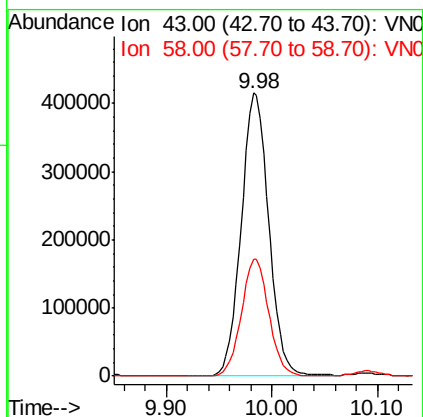
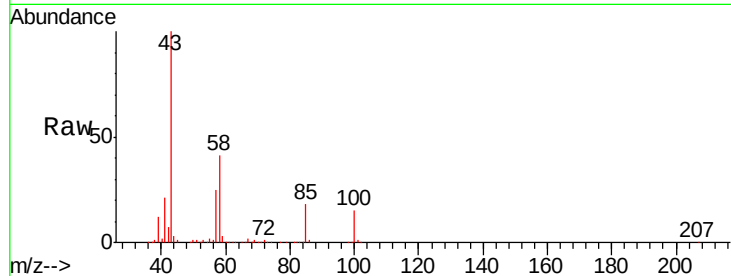




#51
 4-Methyl-2-Pentanone
 Concen: 112.939 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

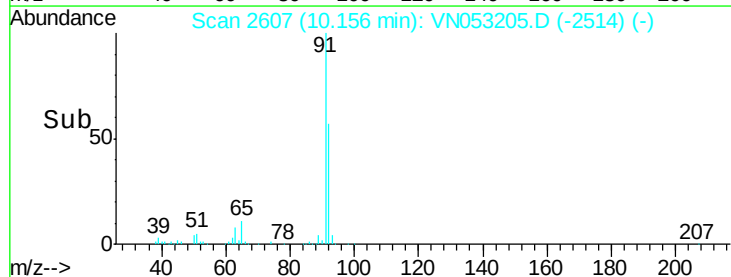
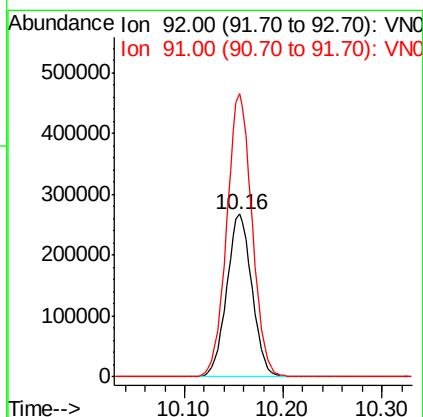
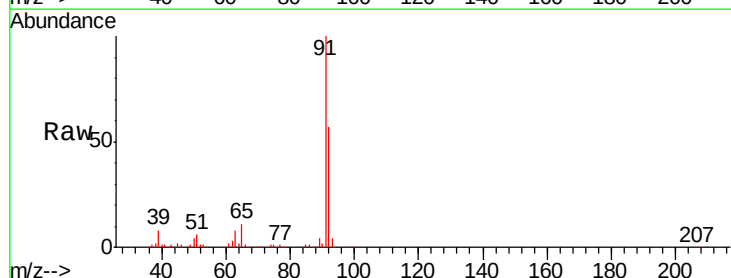
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBS01

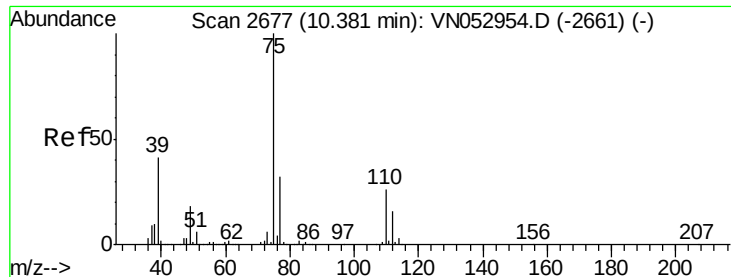
Tgt Ion: 43 Resp: 752238
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.2 48.4



#52
 Toluene
 Concen: 21.089 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Tgt Ion: 92 Resp: 479029
 Ion Ratio Lower Upper
 92 100
 91 174.2 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 20.189 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

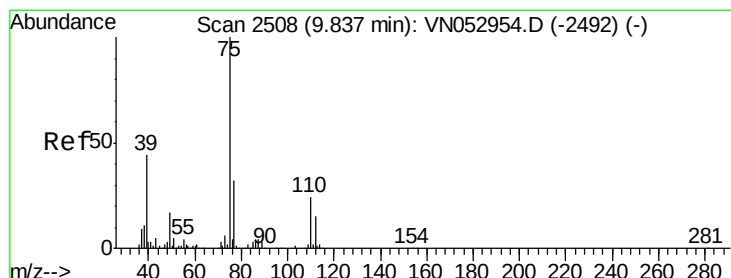
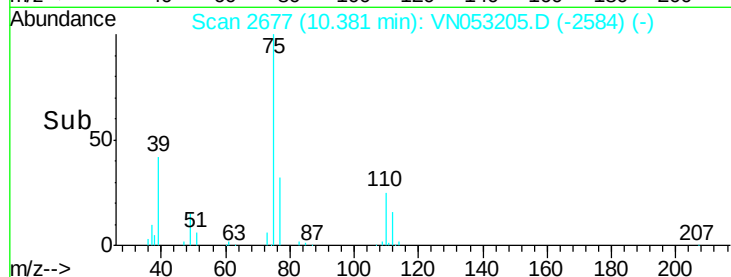
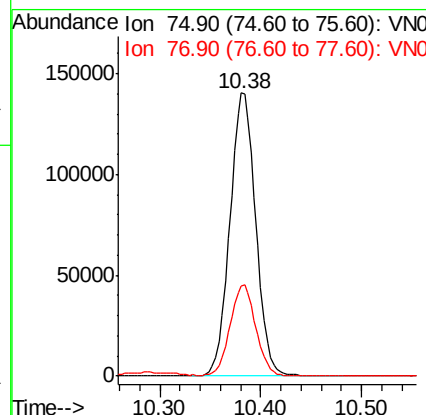
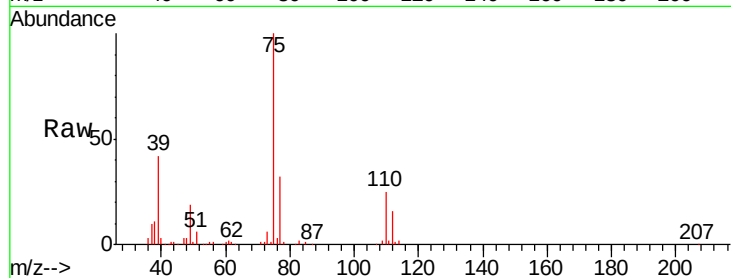
VN1227WBS01

Tgt Ion: 75 Resp: 250926

Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 20.985 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

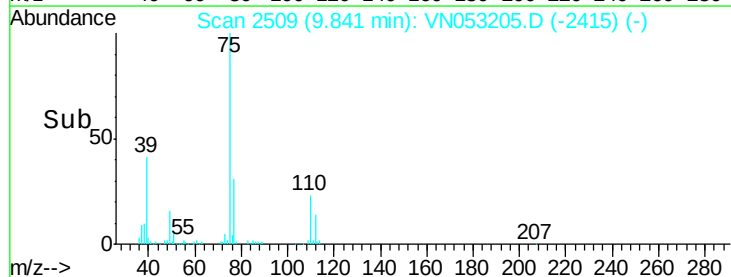
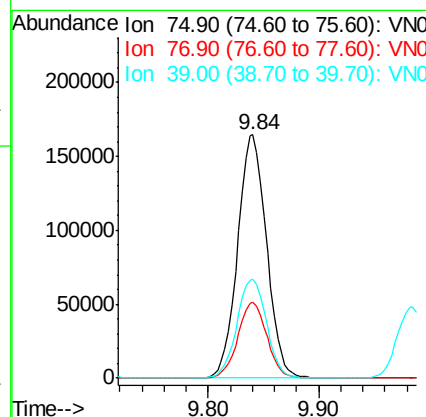
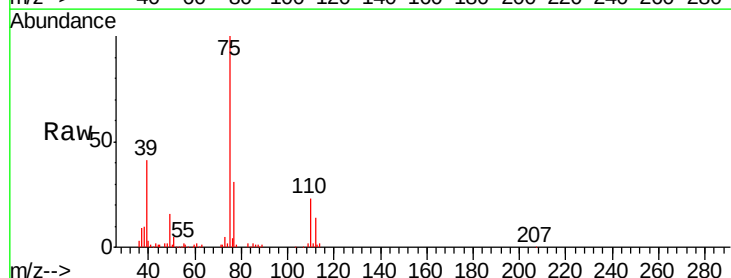
Tgt Ion: 75 Resp: 299390

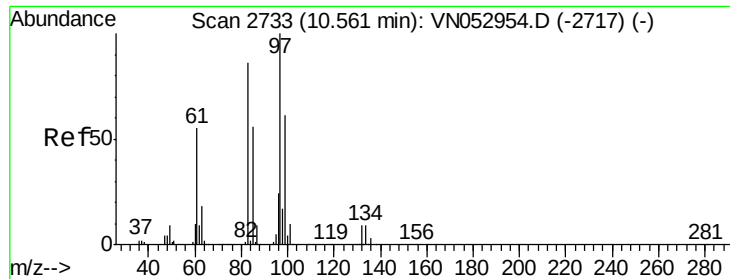
Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.8

39 40.7 34.8 52.2

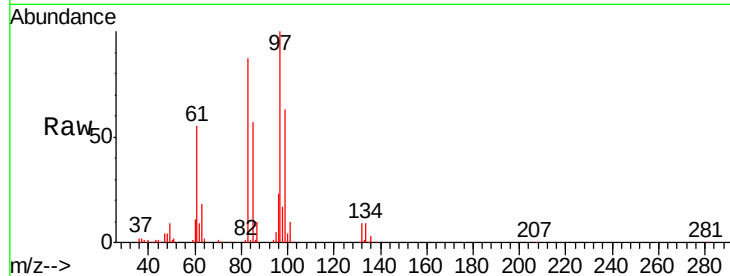




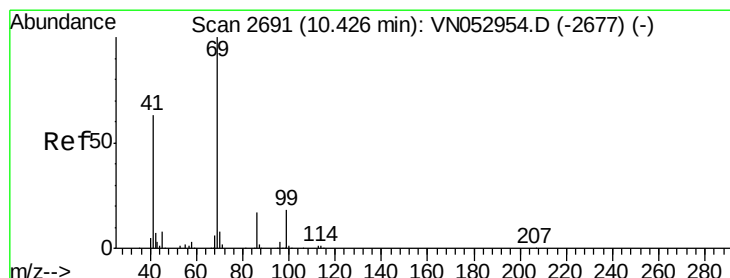
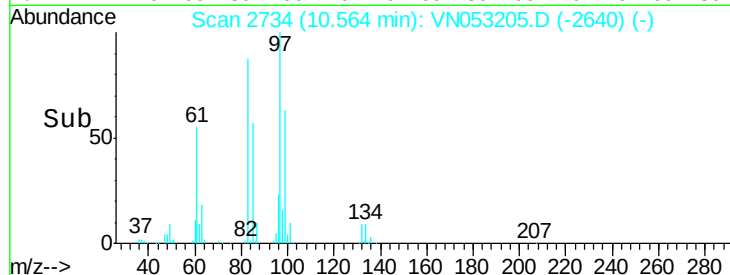
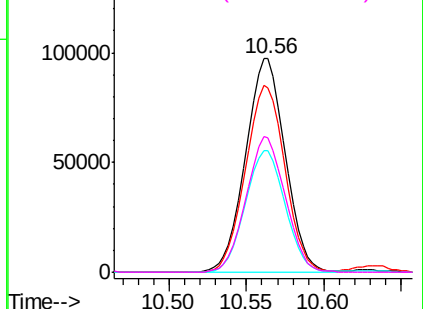
#55
 1,1,2-Trichloroethane
 Concen: 21.985 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Instrument :
 MSVOA_N
 ClientSampled :
 VN1227WBS01

Tgt Ion: 97 Resp: 174219
 Ion Ratio Lower Upper
 97 100
 83 86.5 70.9 106.3
 85 56.7 45.4 68.2
 99 62.9 50.4 75.6

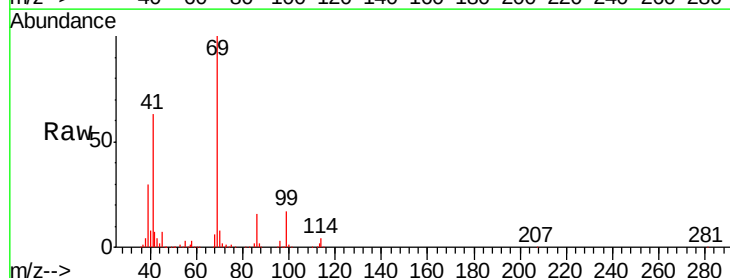


Abundance Ion 96.90 (96.60 to 97.60): VN0
 150000 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

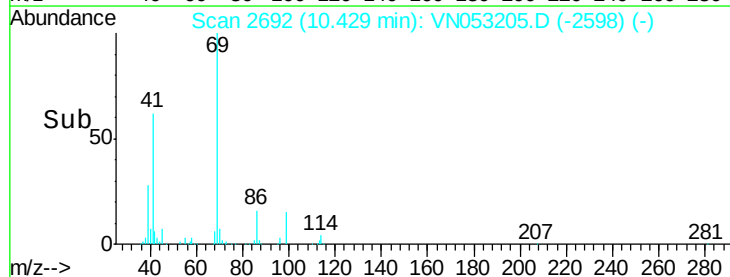
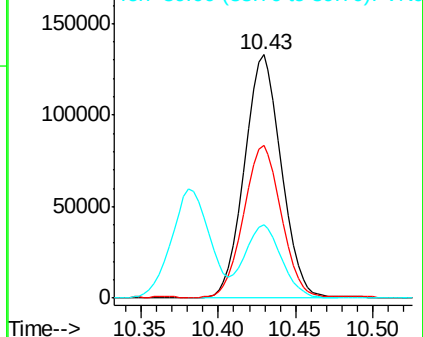


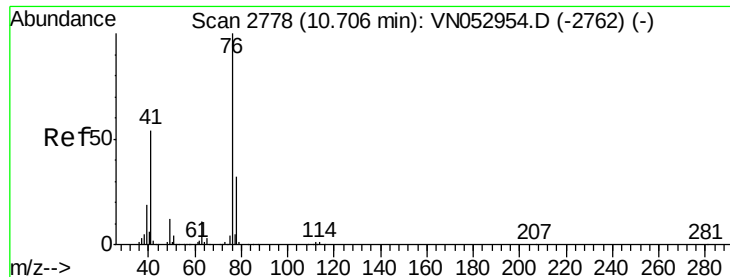
#56
 Ethyl methacrylate
 Concen: 21.044 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Tgt Ion: 69 Resp: 220722
 Ion Ratio Lower Upper
 69 100
 41 63.4 51.7 77.5
 39 29.9 24.6 37.0



Abundance Ion 69.00 (68.70 to 69.70): VN0
 150000 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 21.724 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

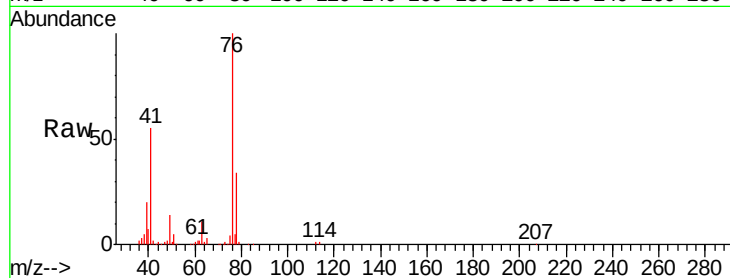
VN1227WBS01

Tgt Ion: 76 Resp: 295207

Ion Ratio Lower Upper

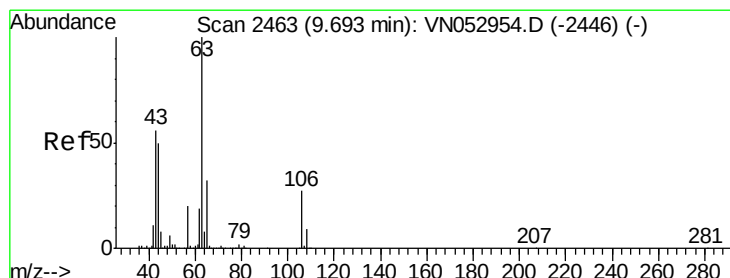
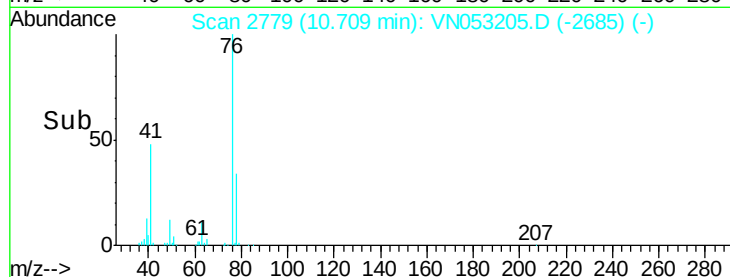
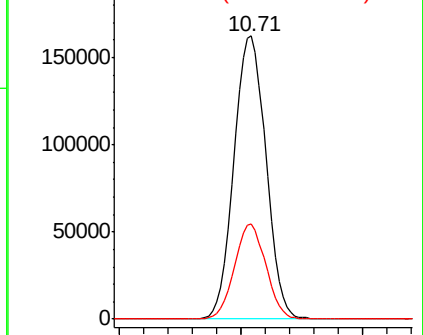
76 100

78 33.0 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 107.398 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053205.D

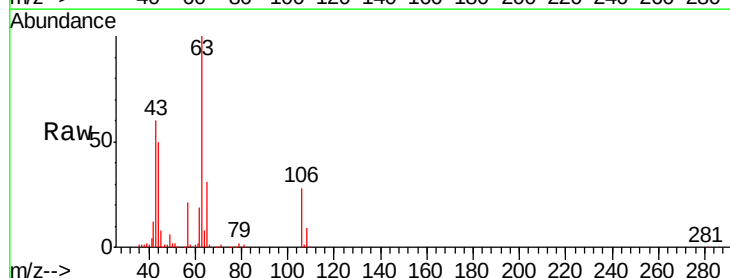
Acq: 27 Dec 2018 11:56

Tgt Ion: 63 Resp: 618423

Ion Ratio Lower Upper

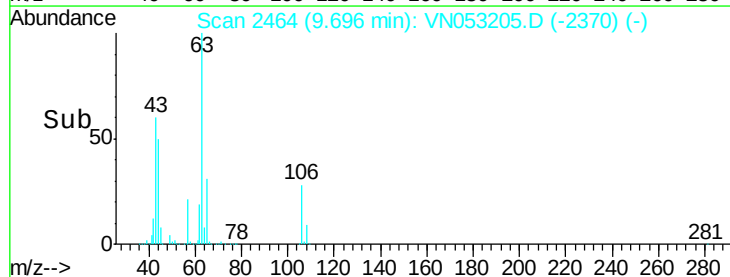
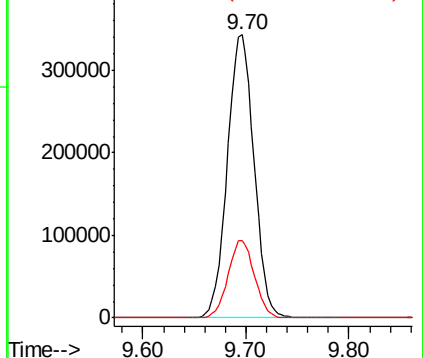
63 100

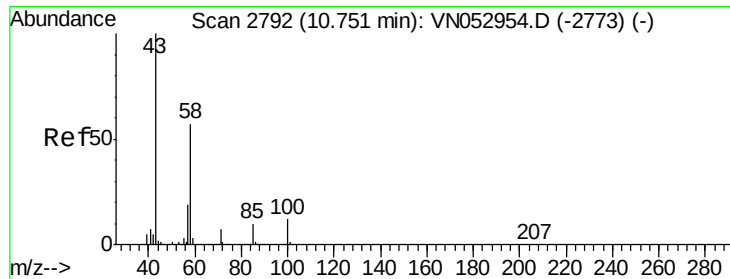
106 27.2 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

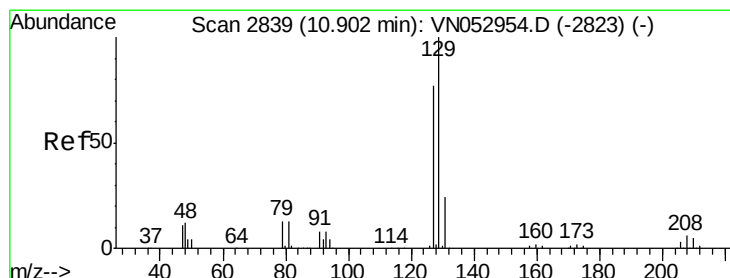
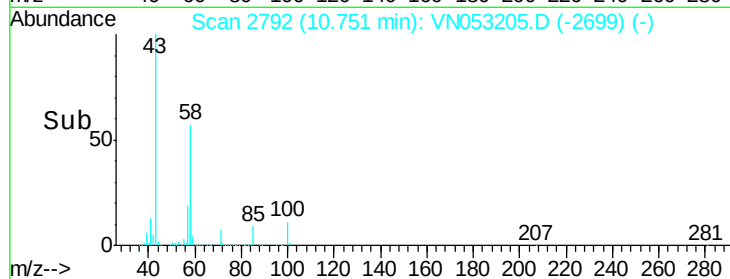
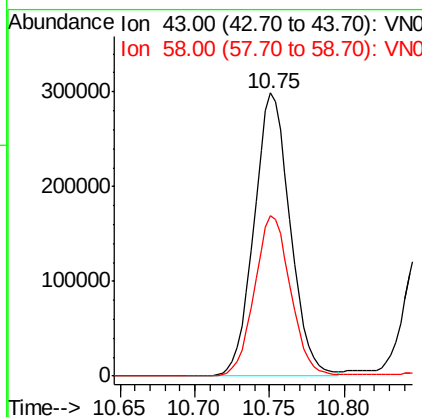
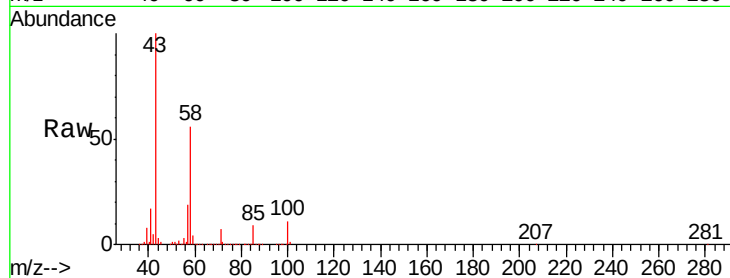




#59
2-Hexanone
Concen: 110.886 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

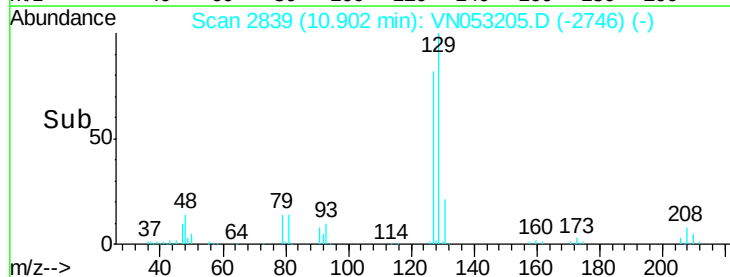
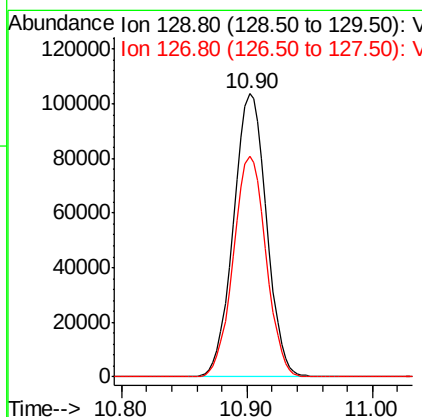
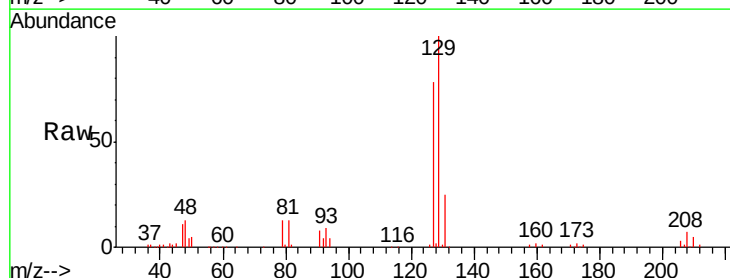
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

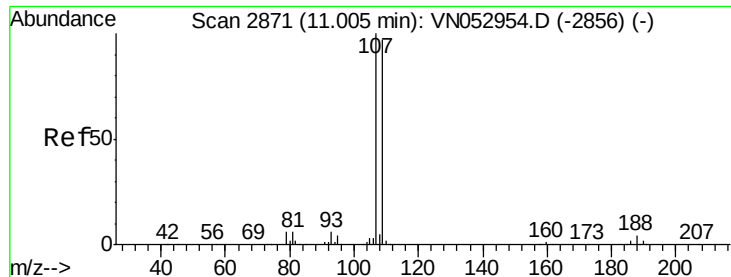
Tgt Ion: 43 Resp: 499698
Ion Ratio Lower Upper
43 100
58 56.8 28.1 84.3



#60
Dibromochloromethane
Concen: 20.971 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

Tgt Ion: 129 Resp: 190228
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.081 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampled :

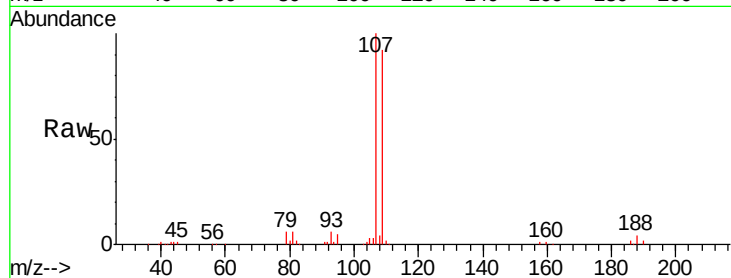
VN1227WBS01

Tgt Ion: 107 Resp: 169664

Ion Ratio Lower Upper

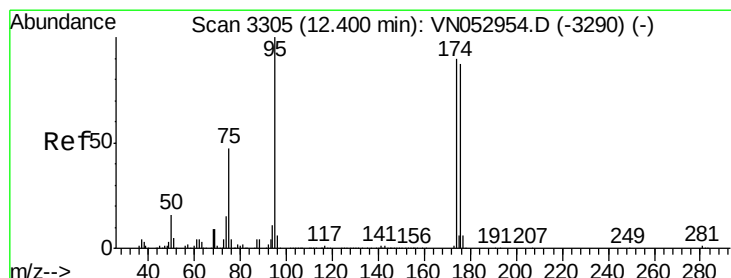
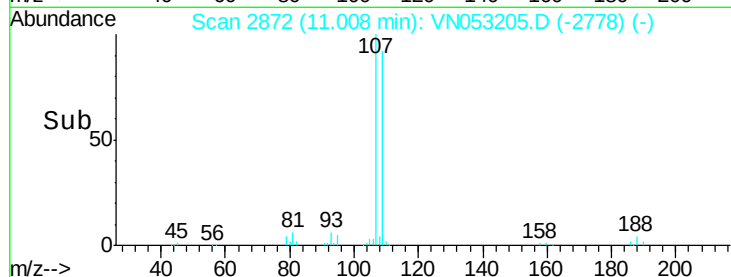
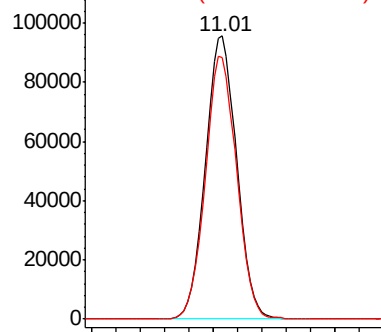
107 100

109 93.1 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 21.081 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

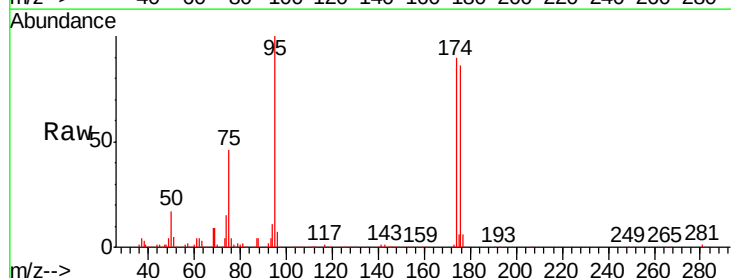
Tgt Ion: 95 Resp: 579758

Ion Ratio Lower Upper

95 100

174 90.1 0.0 178.8

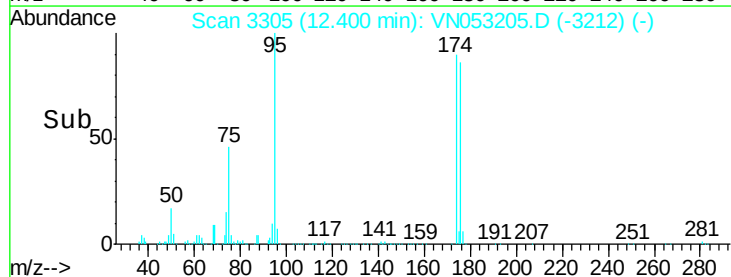
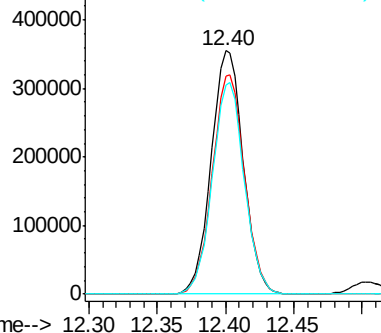
176 86.3 0.0 173.8

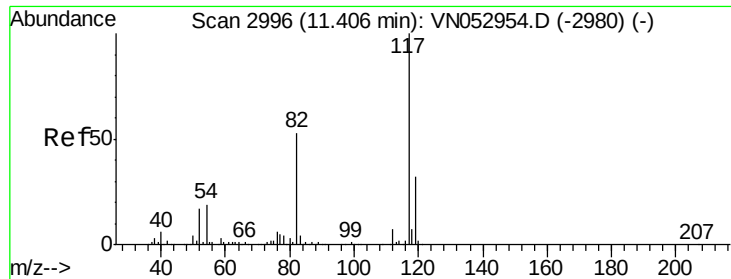


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

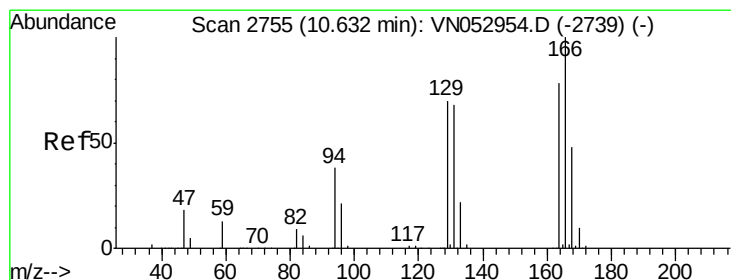
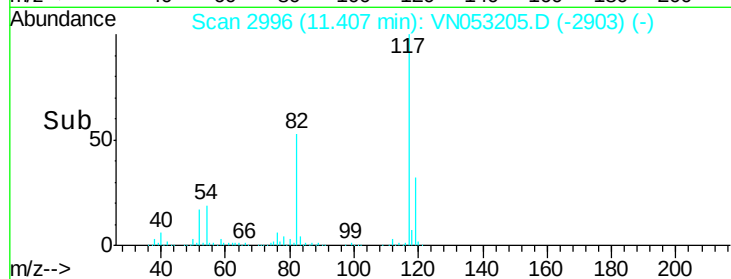
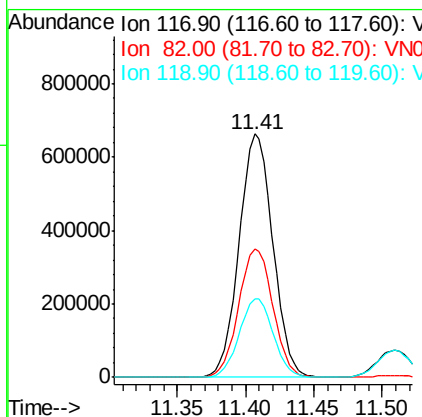
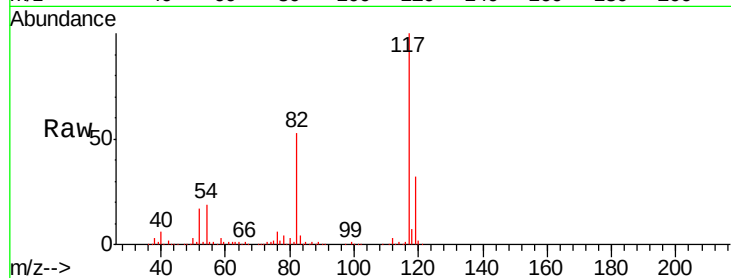




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

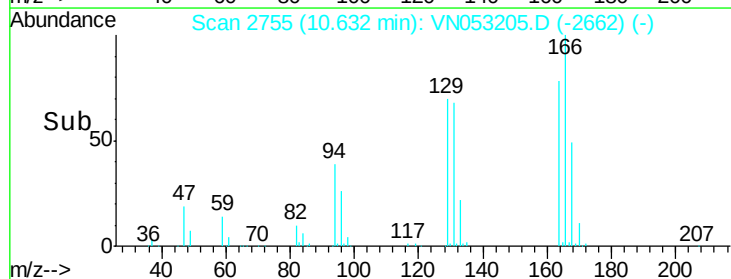
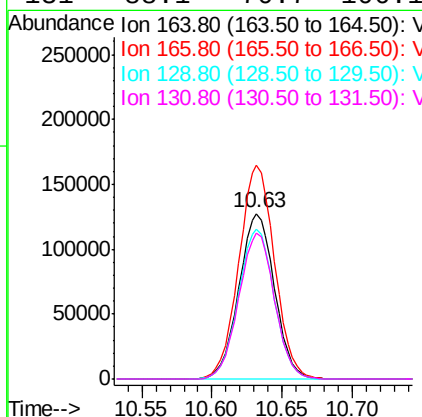
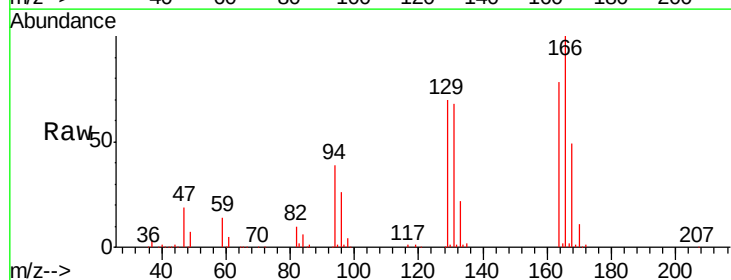
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

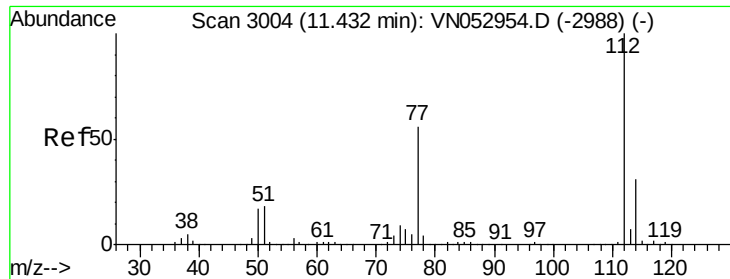
Tgt Ion:117 Resp: 1140420
Ion Ratio Lower Upper
117 100
82 52.9 42.8 64.2
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 18.245 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

Tgt Ion:164 Resp: 225387
Ion Ratio Lower Upper
164 100
166 129.0 102.9 154.3
129 90.2 73.7 110.5
131 88.1 70.7 106.1

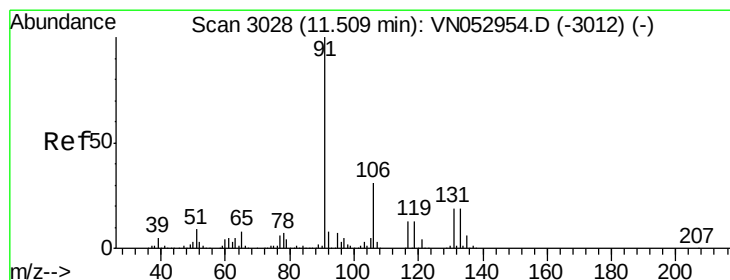
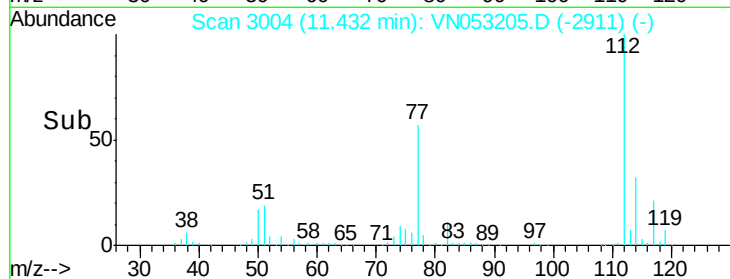
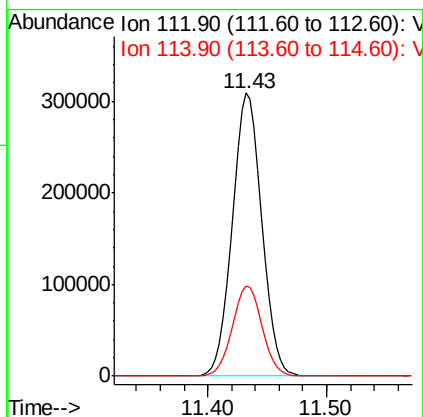
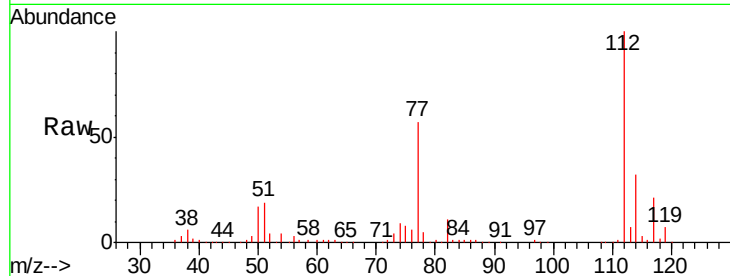




#65
Chlorobenzene
Concen: 20.939 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

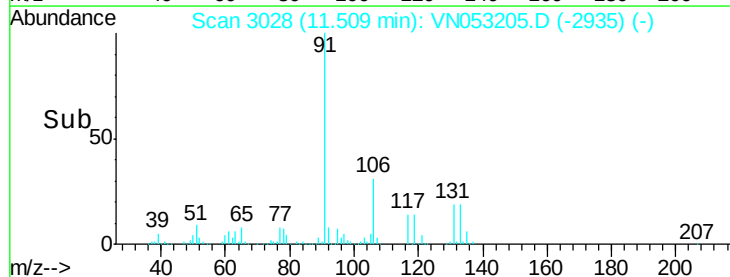
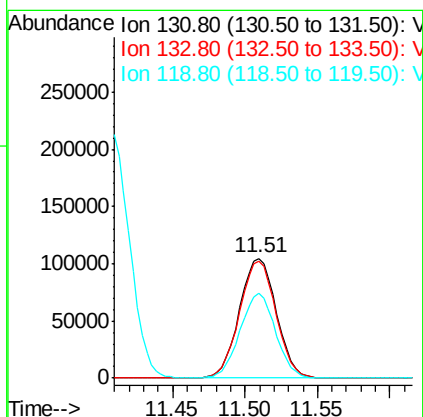
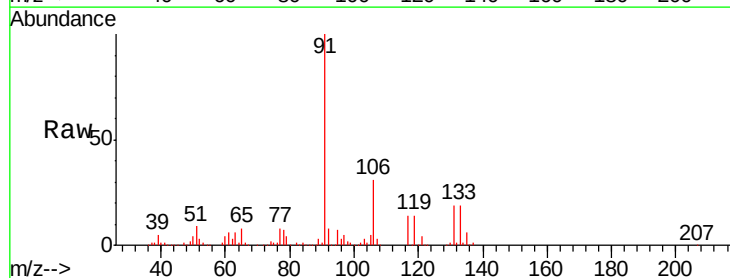
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

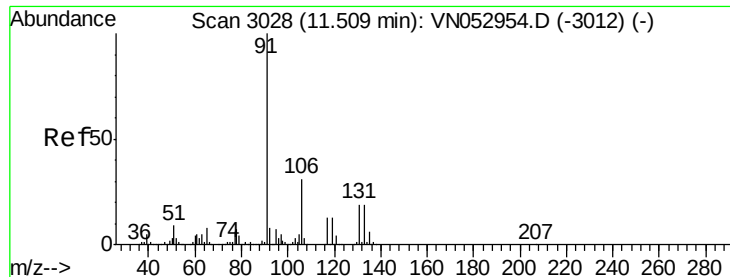
Tgt Ion:112 Resp: 529328
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.130 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

Tgt Ion:131 Resp: 185751
Ion Ratio Lower Upper
131 100
133 96.6 47.6 142.9
119 68.2 33.3 99.8

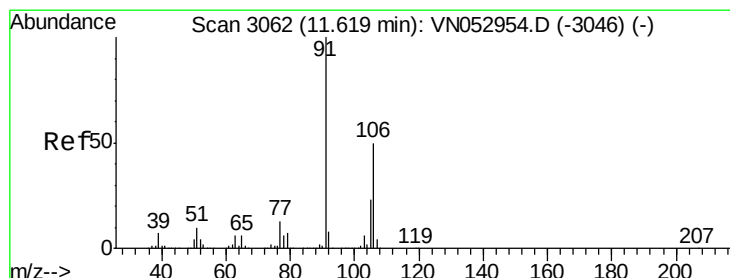
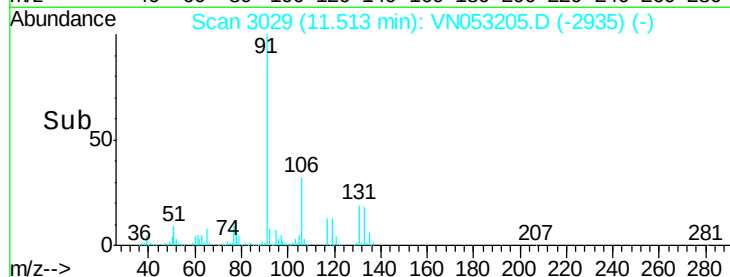
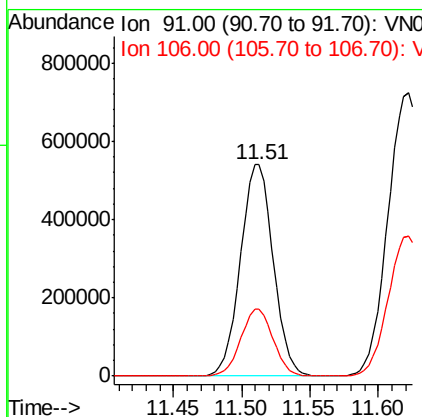
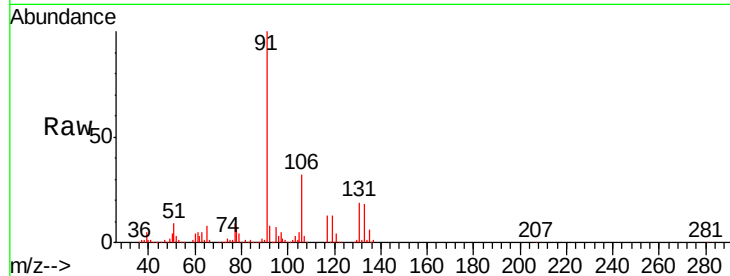




#67
Ethyl Benzene
Concen: 20.673 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

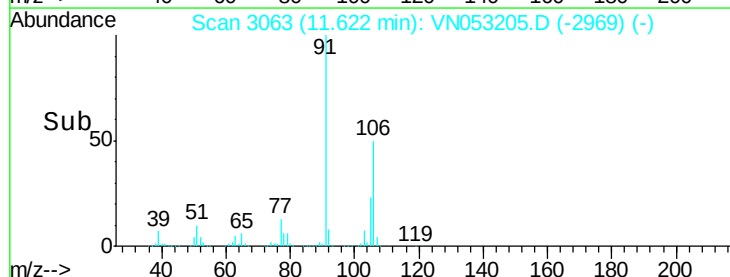
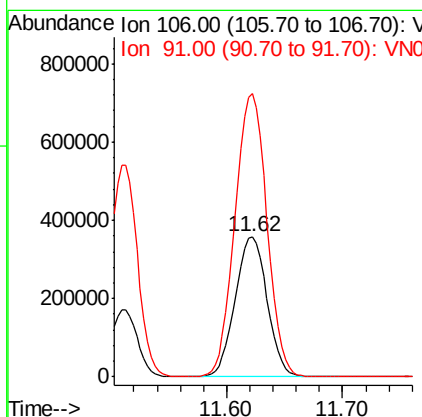
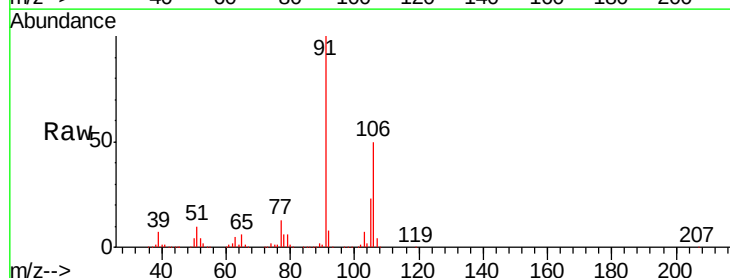
Instrument :
MSVOA_N
ClientSampled :
VN1227WBS01

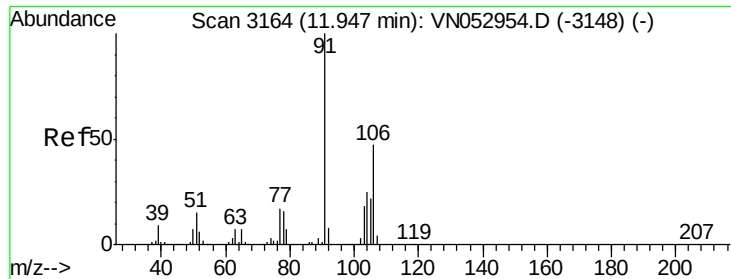
Tgt Ion: 91 Resp: 898733
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 41.284 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

Tgt Ion: 106 Resp: 682310
Ion Ratio Lower Upper
106 100
91 202.3 162.2 243.4

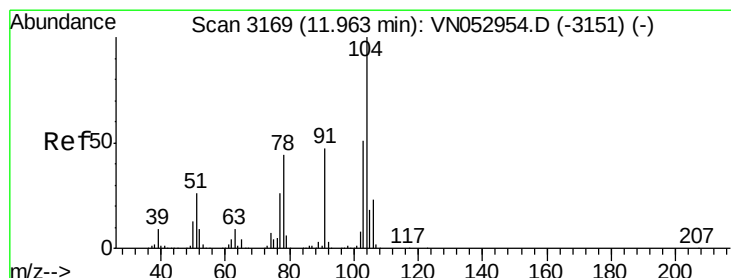
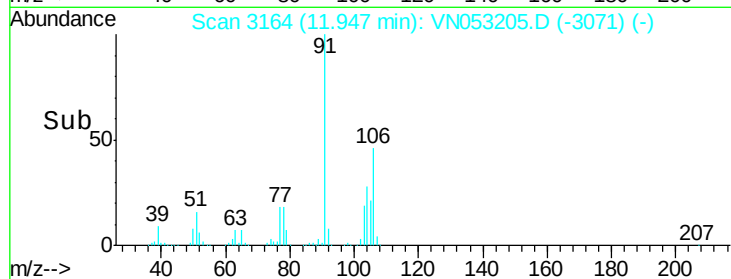
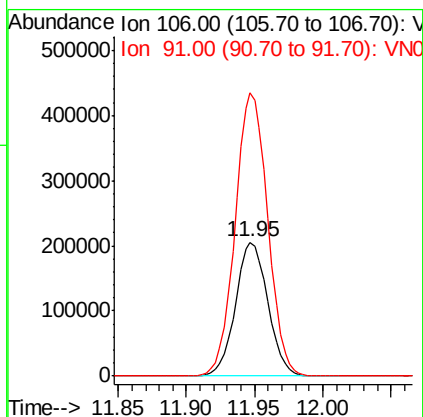
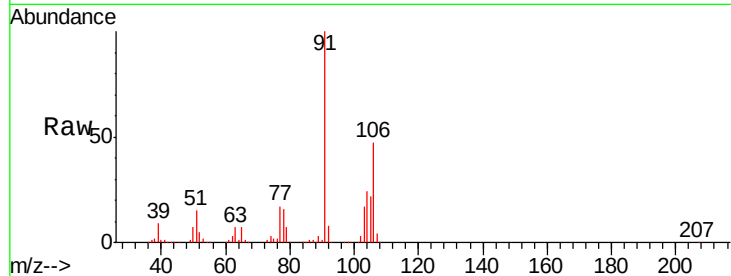




#69
o-Xylene
Concen: 21.210 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

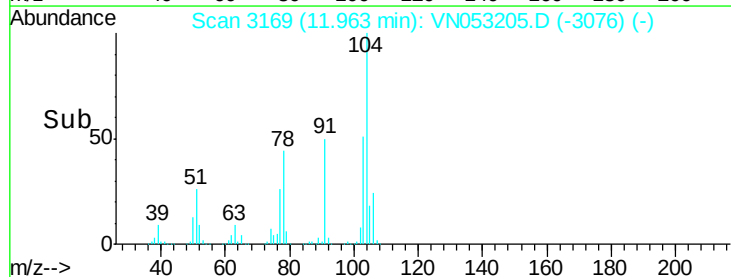
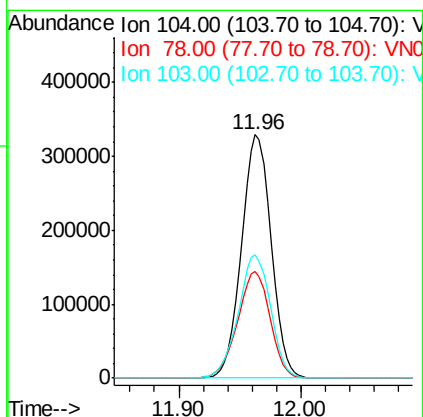
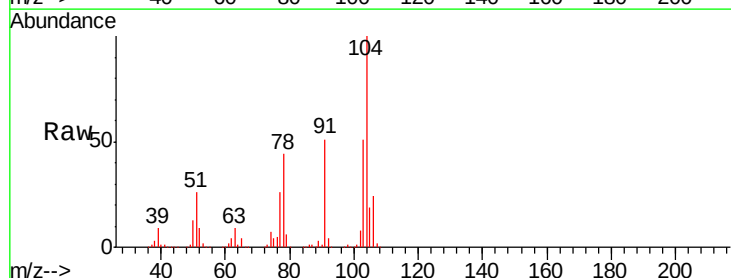
Instrument :
MSVOA_N
ClientSampled :
VN1227WBS01

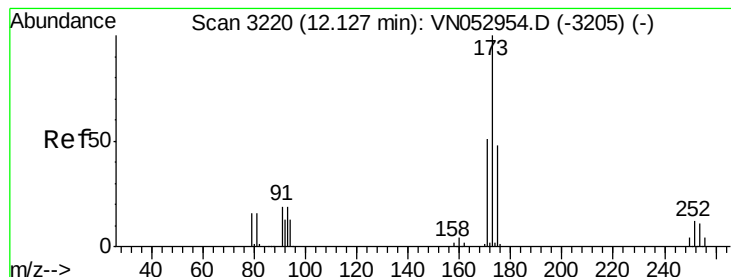
Tgt Ion:106 Resp: 336381
Ion Ratio Lower Upper
106 100
91 213.4 106.6 319.8



#70
Styrene
Concen: 21.248 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

Tgt Ion:104 Resp: 549485
Ion Ratio Lower Upper
104 100
78 48.1 38.9 58.3
103 55.6 44.3 66.5





#71

Bromoform

Concen: 19.922 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

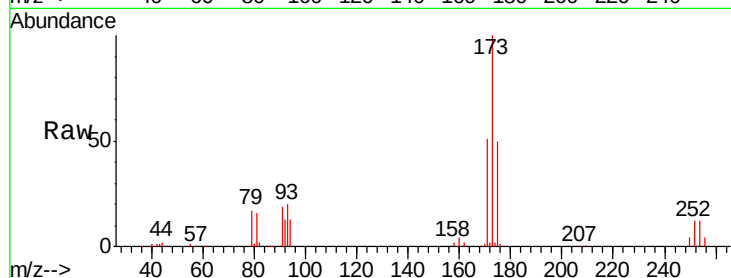
Tgt Ion:173 Resp: 126523

Ion Ratio Lower Upper

173 100

175 50.0 24.3 72.9

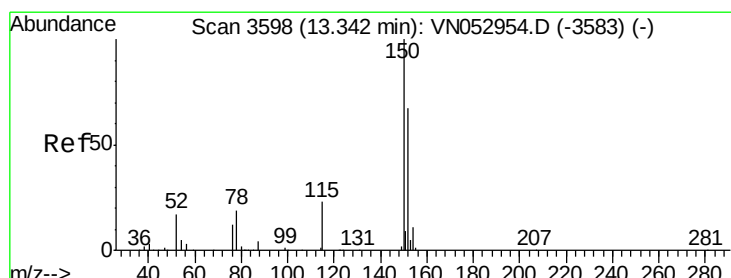
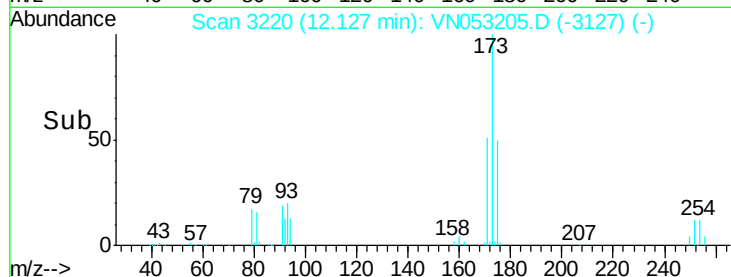
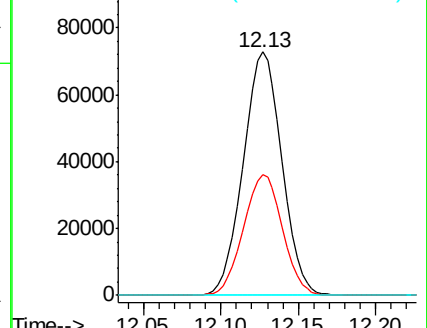
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

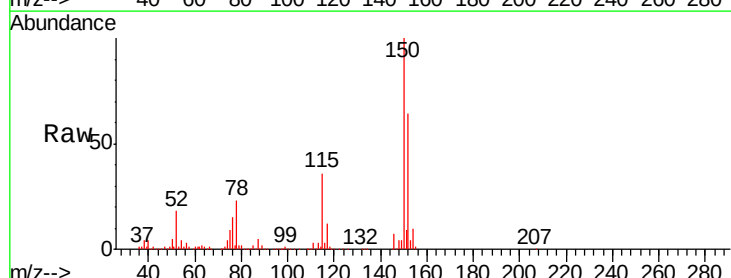
Tgt Ion:152 Resp: 524594

Ion Ratio Lower Upper

152 100

115 56.3 28.3 85.0

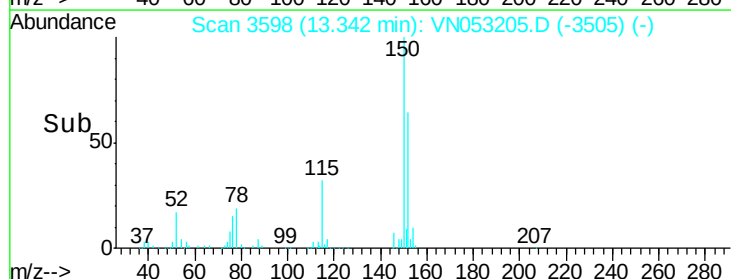
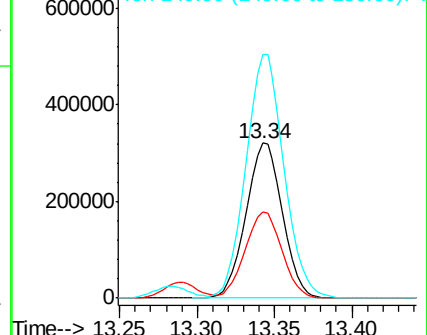
150 164.5 0.0 347.8

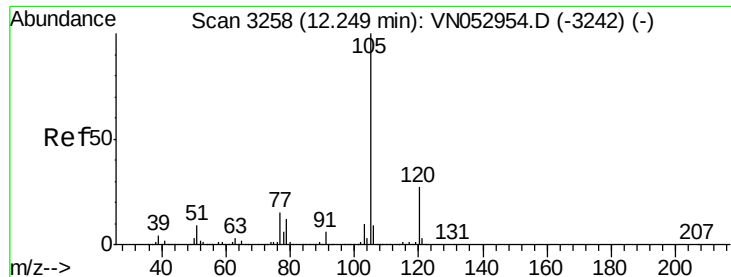


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.535 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

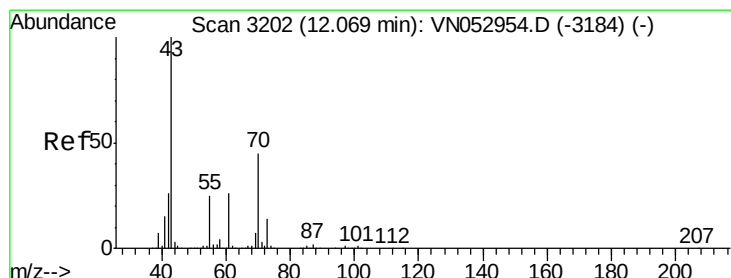
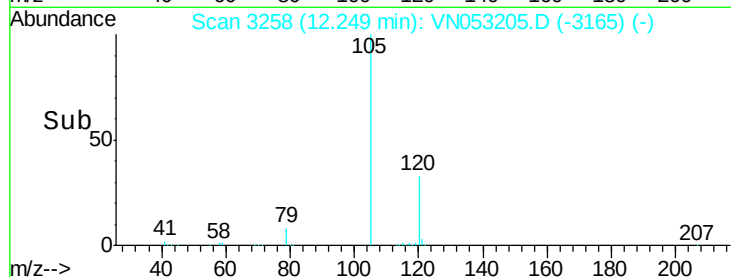
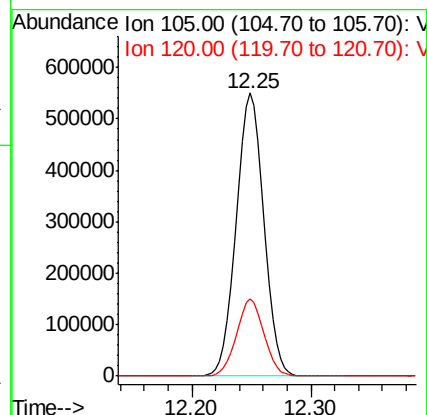
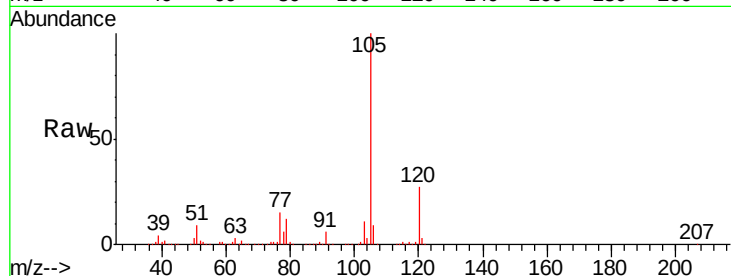
VN1227WBS01

Tgt Ion: 105 Resp: 883916

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 21.218 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Tgt Ion: 43 Resp: 241786

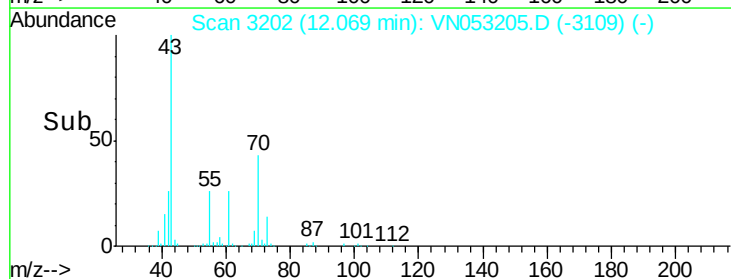
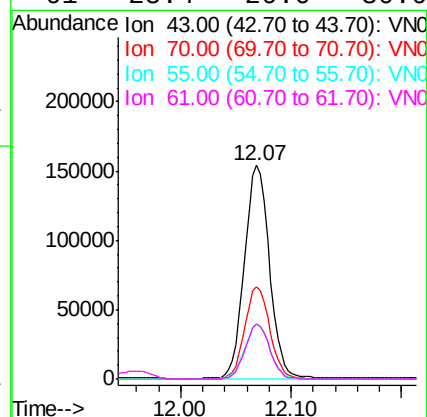
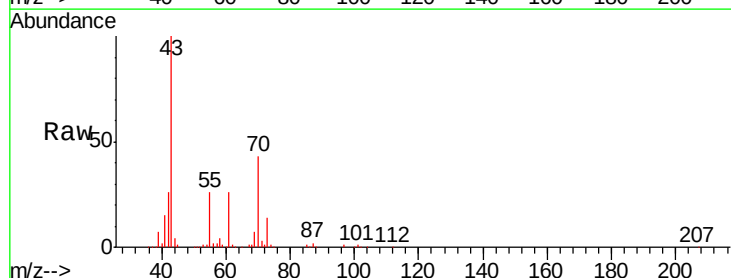
Ion Ratio Lower Upper

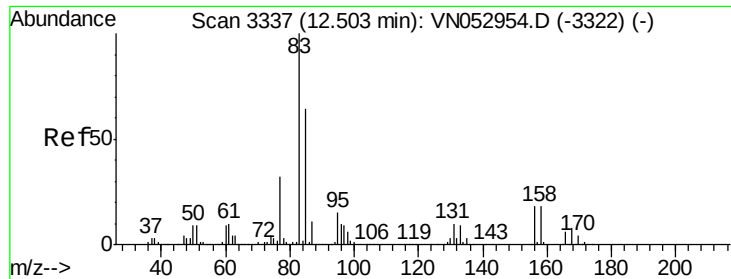
43 100

70 43.4 34.2 51.4

55 26.0 20.3 30.5

61 25.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 24.435 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

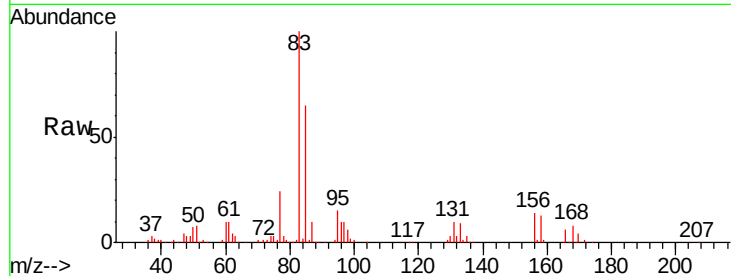
Tgt Ion: 83 Resp: 196759

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

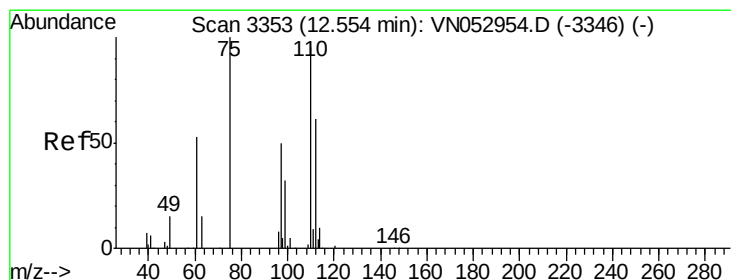
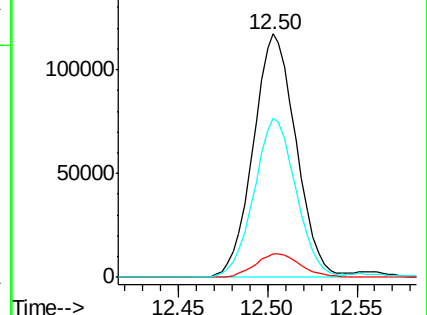
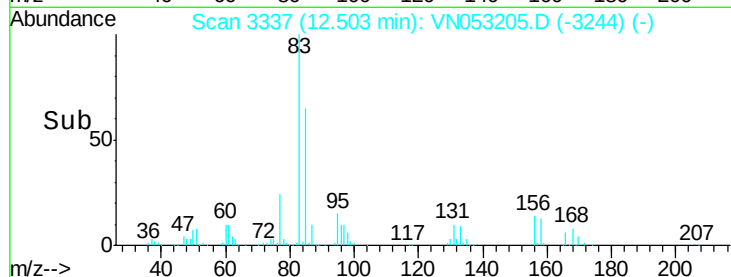
85 63.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN053205.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN053205.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN053205.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 28.665 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053205.D

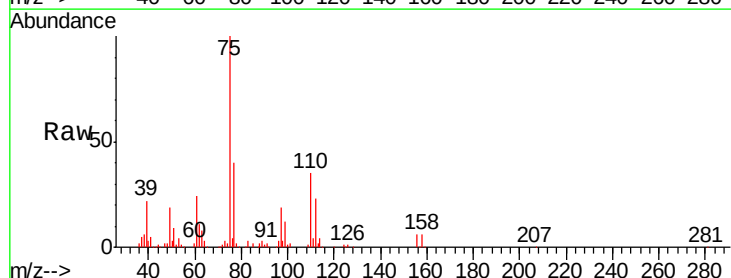
Acq: 27 Dec 2018 11:56

Tgt Ion: 75 Resp: 253137

Ion Ratio Lower Upper

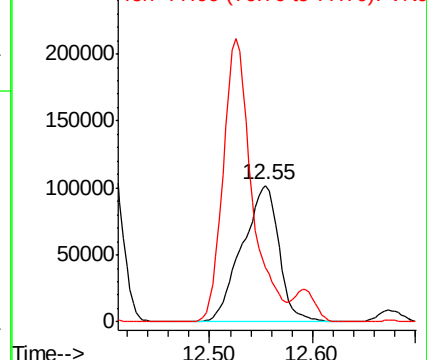
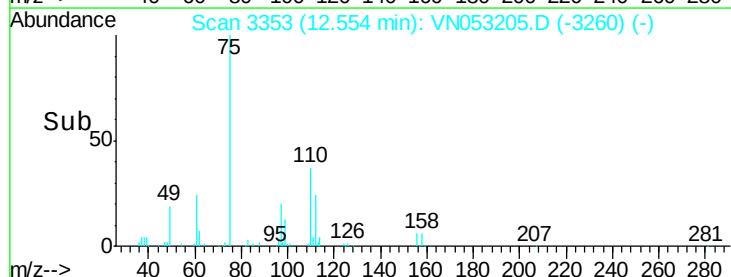
75 100

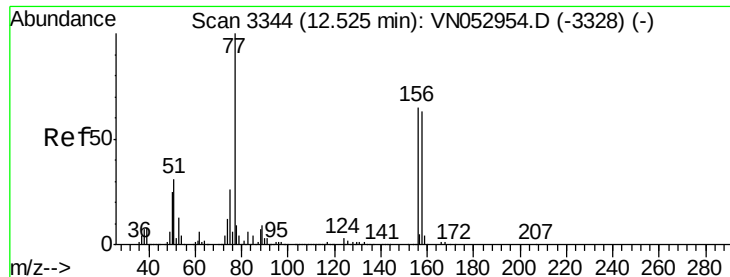
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053205.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN053205.D (-3346) (-)





#77

Bromobenzene

Concen: 21.510 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampled :

VN1227WBS01

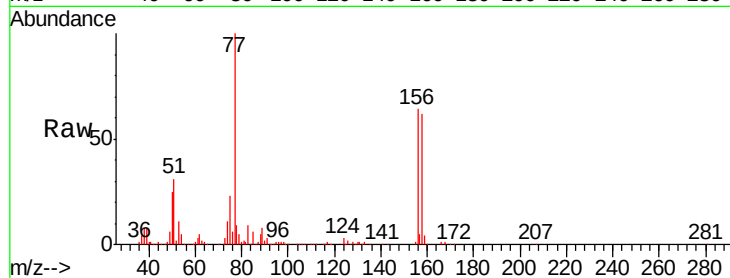
Tgt Ion:156 Resp: 229502

Ion Ratio Lower Upper

156 100

77 179.5 91.3 273.8

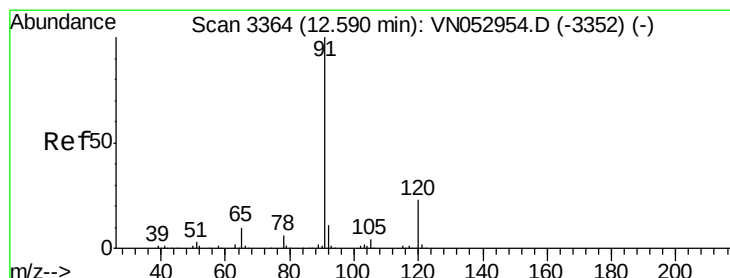
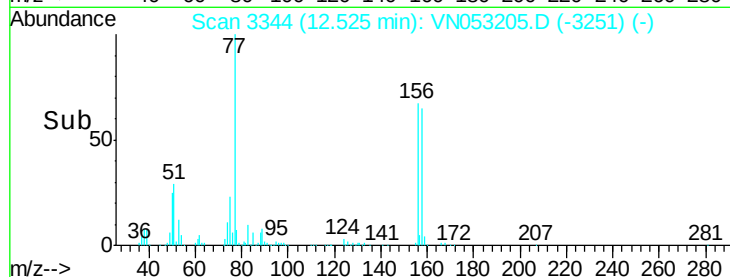
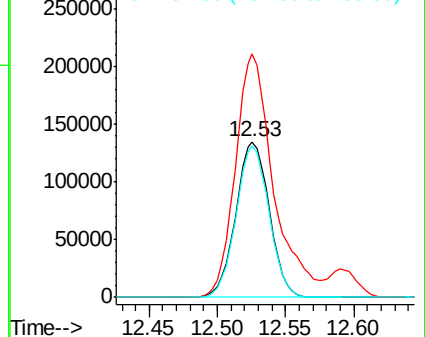
158 96.1 49.0 147.2



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: 20.984 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053205.D

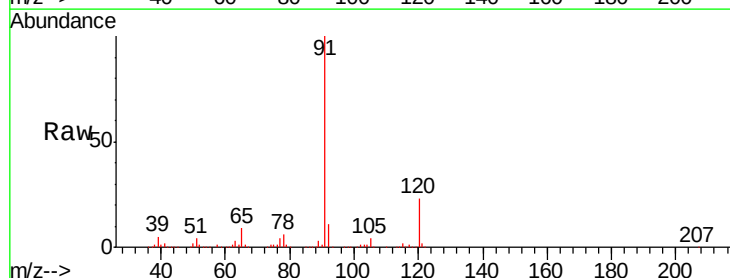
Acq: 27 Dec 2018 11:56

Tgt Ion: 91 Resp: 980914

Ion Ratio Lower Upper

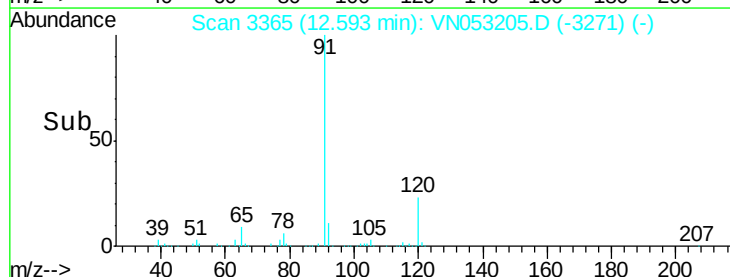
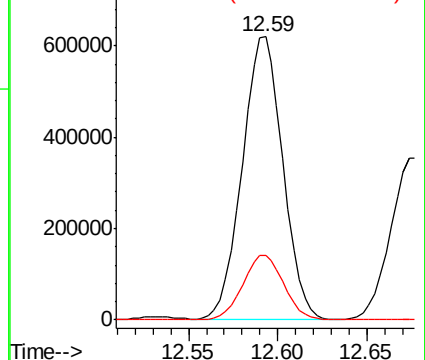
91 100

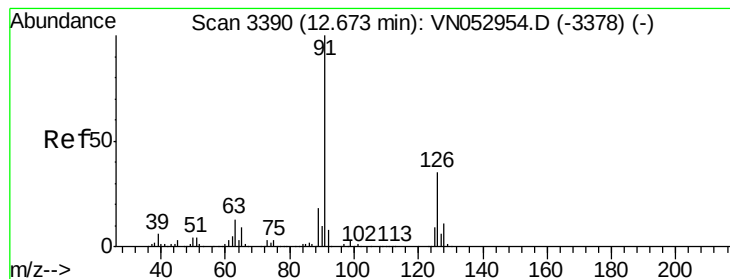
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.252 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampled :

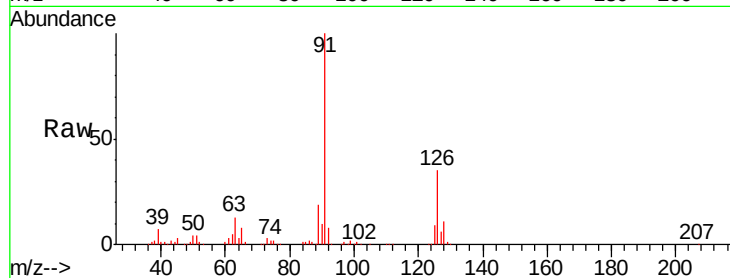
VN1227WBS01

Tgt Ion: 91 Resp: 586823

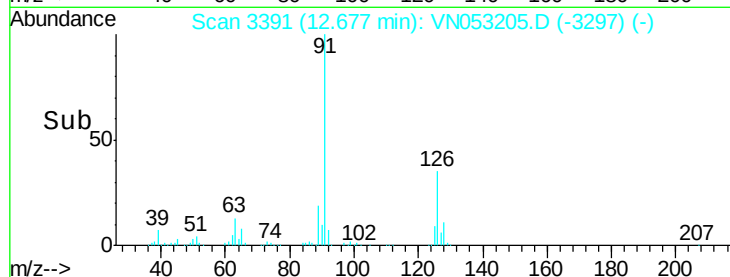
Ion Ratio Lower Upper

91 100

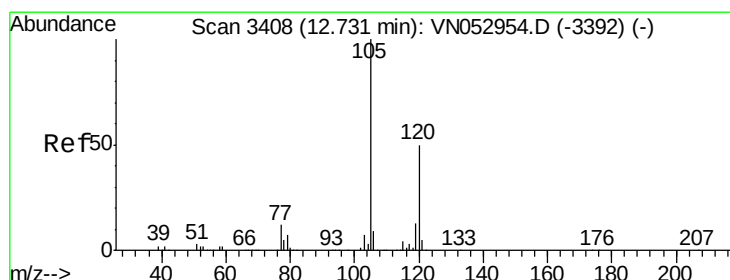
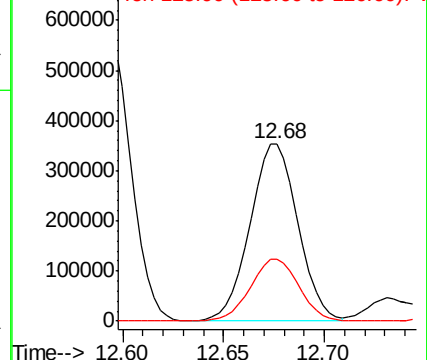
126 35.6 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VN053205.D (-3297) (-)



Ion 125.90 (125.60 to 126.60): VN053205.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.834 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053205.D

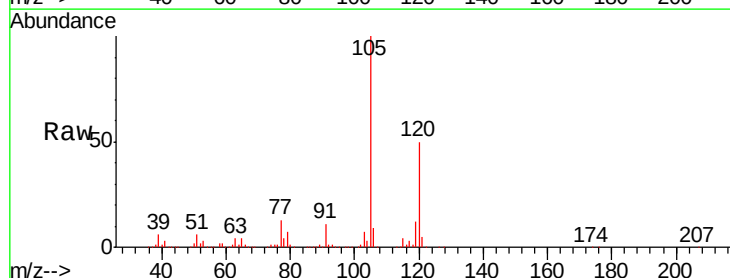
Acq: 27 Dec 2018 11:56

Tgt Ion: 105 Resp: 697009

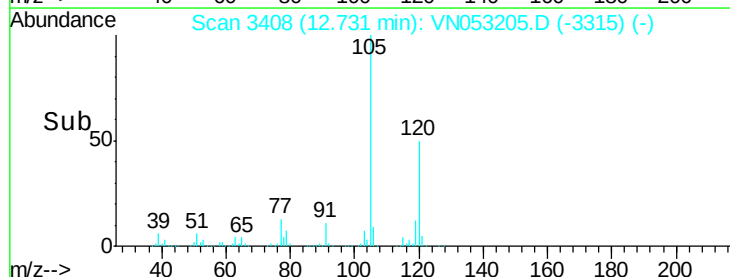
Ion Ratio Lower Upper

105 100

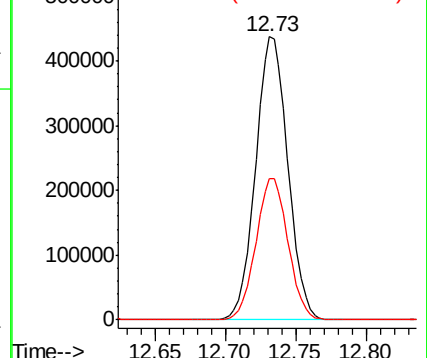
120 50.0 24.4 73.2

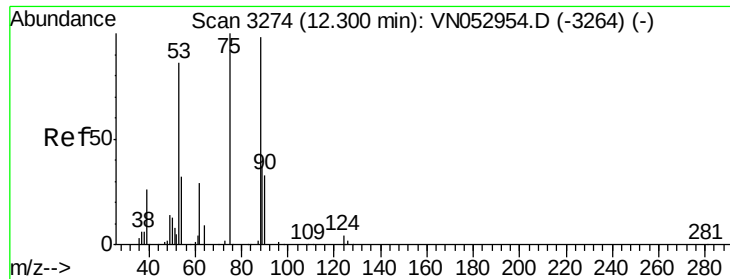


Abundance Ion 105.00 (104.70 to 105.70): VN053205.D (-3315) (-)



Ion 120.00 (119.70 to 120.70): VN053205.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.858 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

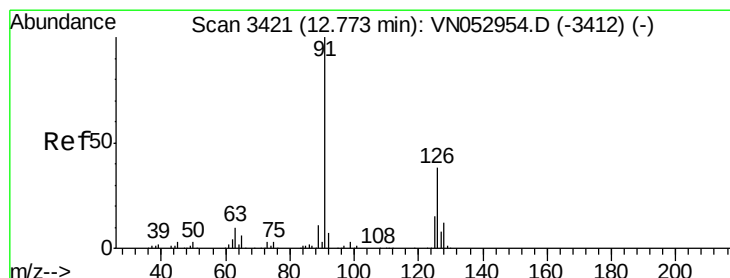
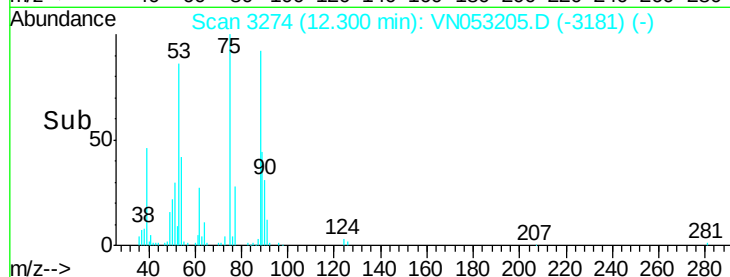
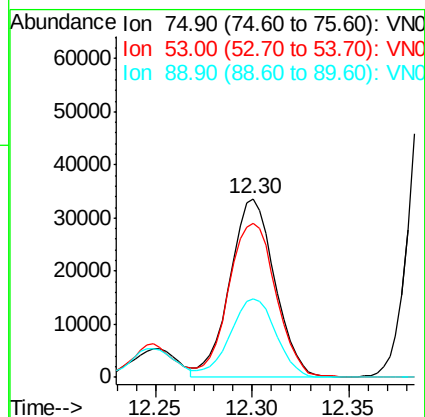
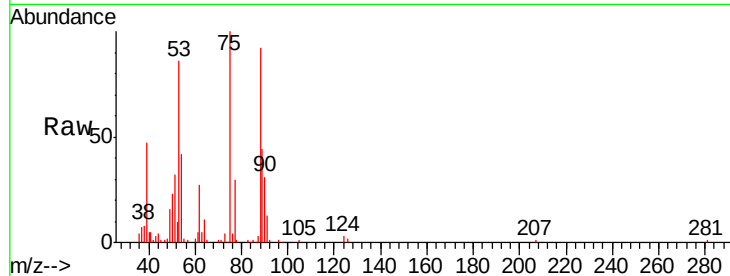
Tgt Ion: 75 Resp: 54410

Ion Ratio Lower Upper

75 100

53 91.5 74.7 112.1

89 44.8 36.1 54.1



#82

4-Chlorotoluene

Concen: 20.847 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053205.D

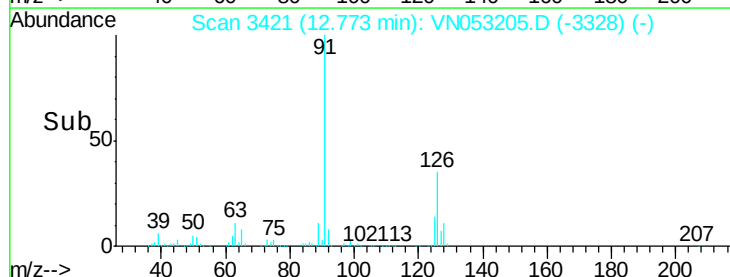
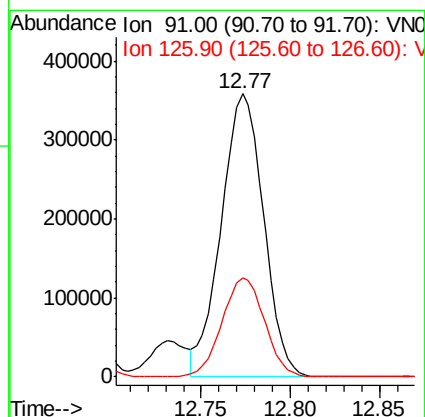
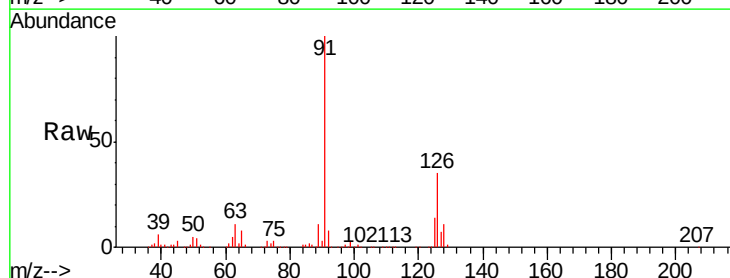
Acq: 27 Dec 2018 11:56

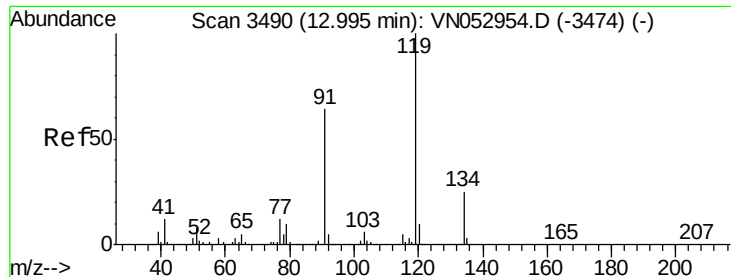
Tgt Ion: 91 Resp: 591309

Ion Ratio Lower Upper

91 100

126 35.2 17.3 51.7

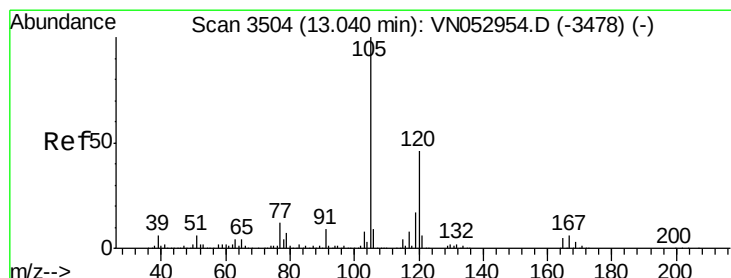
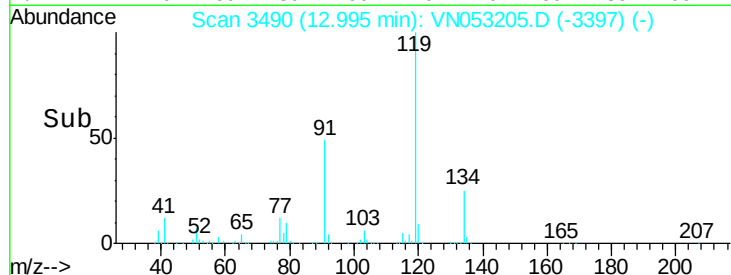
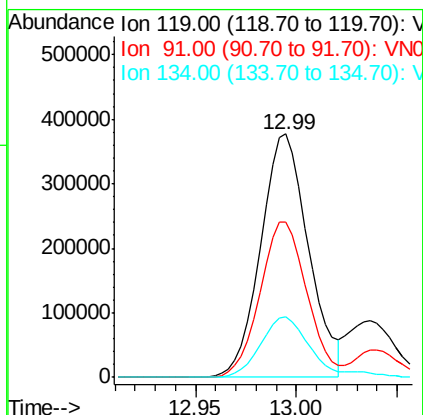
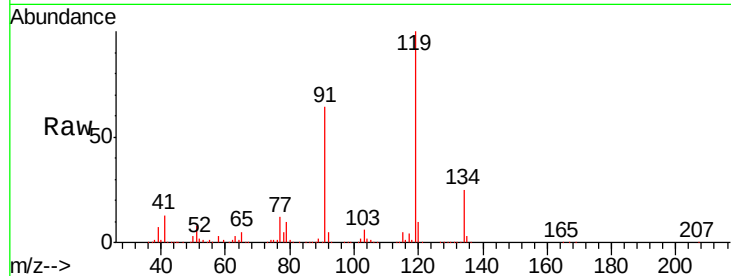




#83
 tert-Butylbenzene
 Concen: 21.037 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

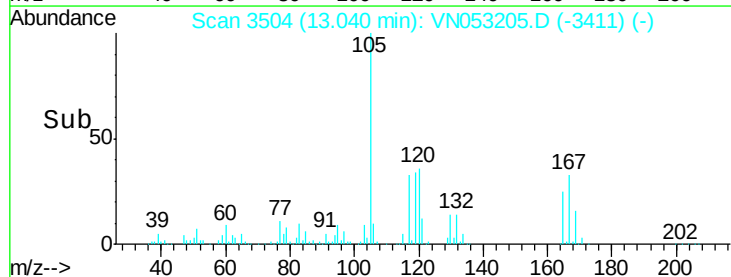
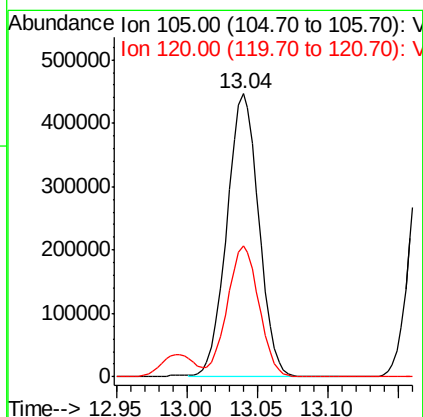
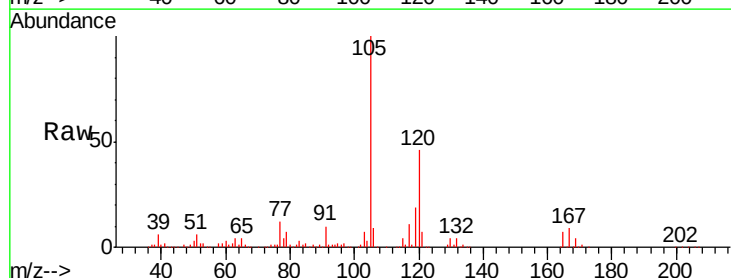
Instrument :
 MSVOA_N
 ClientSampled :
 VN1227WBS01

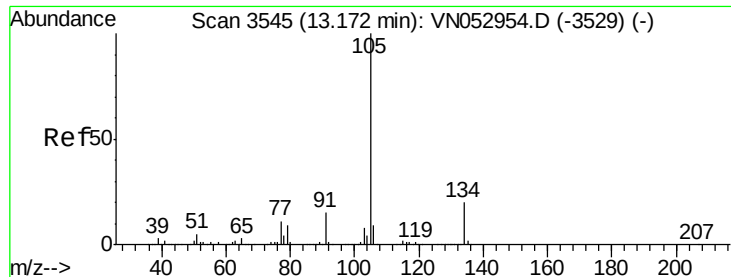
Tgt Ion:119 Resp: 622441
 Ion Ratio Lower Upper
 119 100
 91 63.0 31.9 95.5
 134 26.2 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.967 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Tgt Ion:105 Resp: 705157
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.9 68.8





#85

sec-Butylbenzene

Concen: 20.084 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

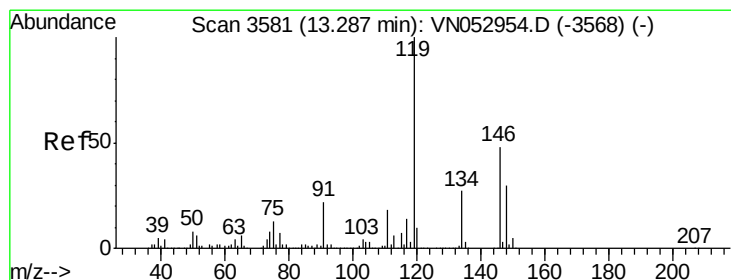
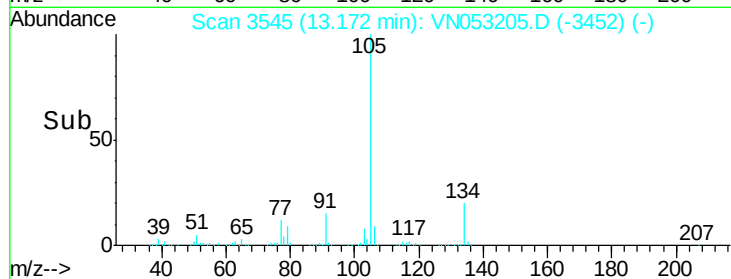
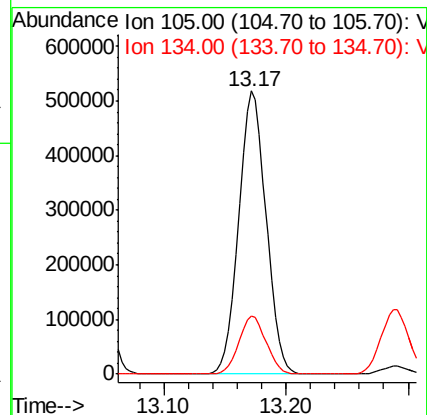
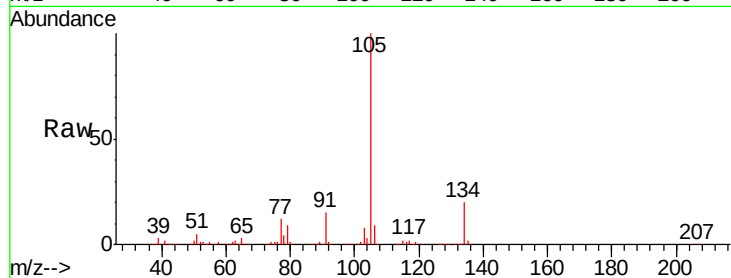
VN1227WBS01

Tgt Ion:105 Resp: 803788

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.3



#86

p-Isopropyltoluene

Concen: 20.083 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

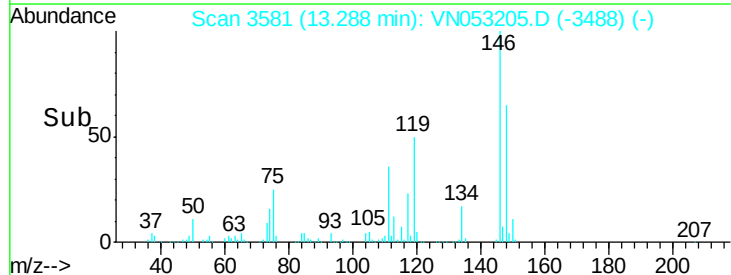
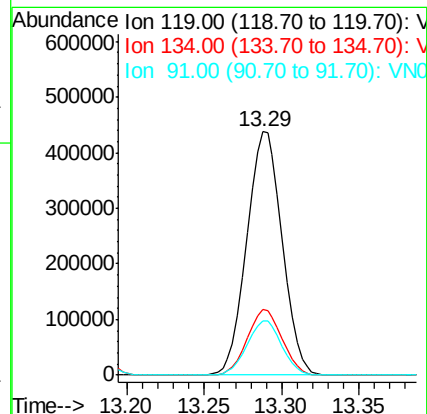
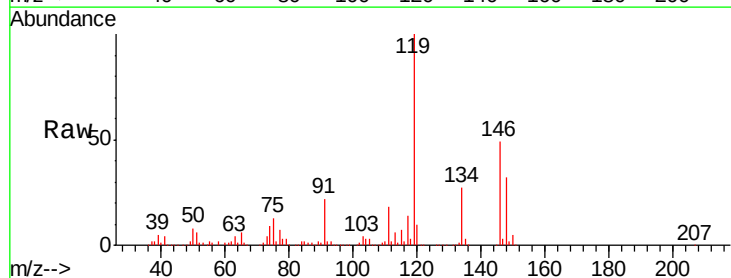
Tgt Ion:119 Resp: 694497

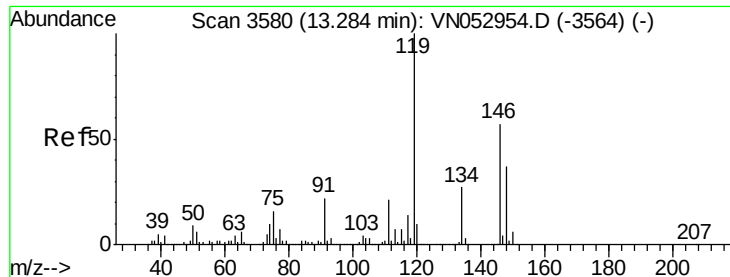
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.1 11.1 33.3

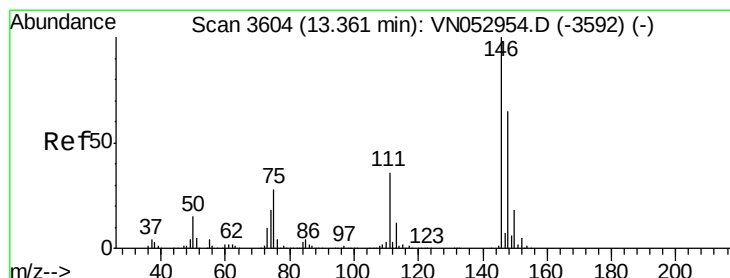
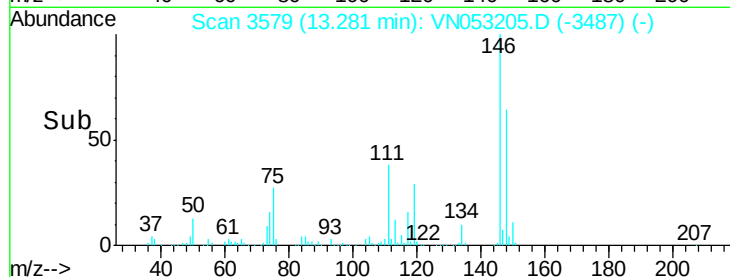
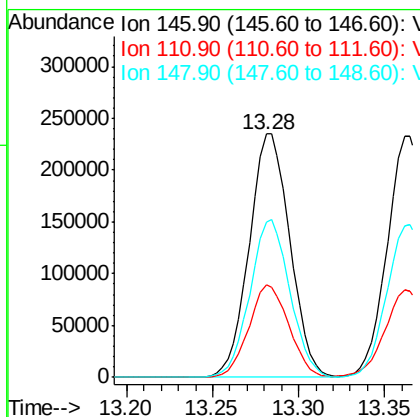
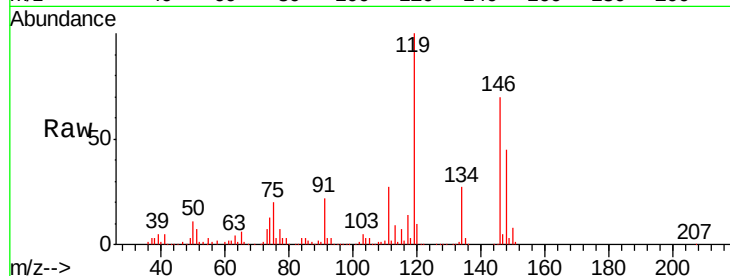




#87
 1,3-Dichlorobenzene
 Concen: 20.466 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

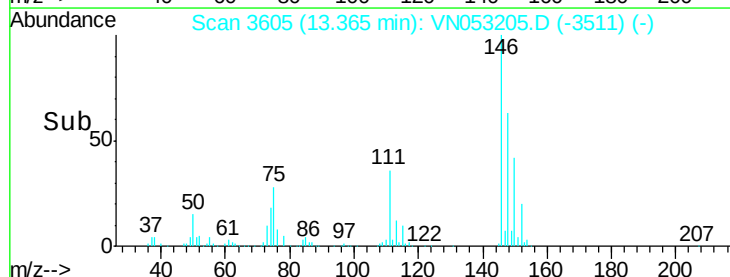
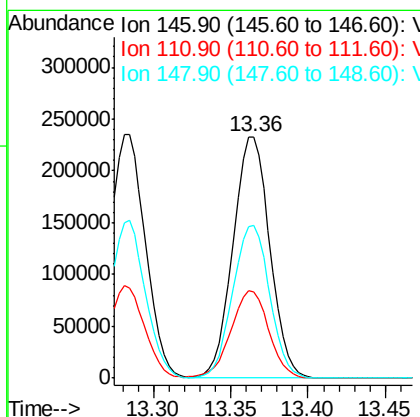
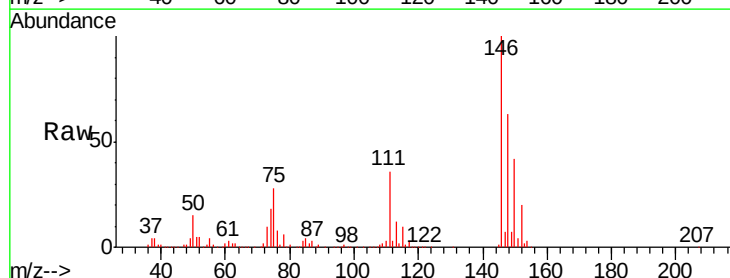
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBS01

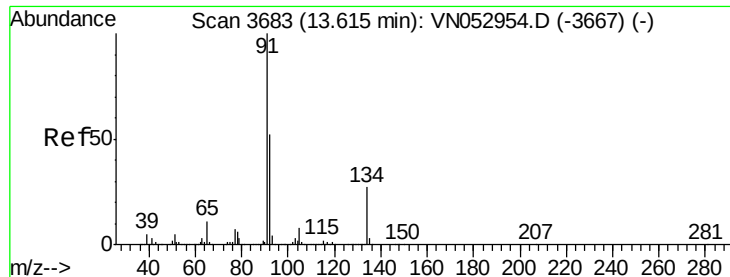
Tgt Ion:146 Resp: 386461
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.1 57.1
 148 63.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.085 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Tgt Ion:146 Resp: 384083
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 55.8
 148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 18.442 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053205.D

Acq: 27 Dec 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBS01

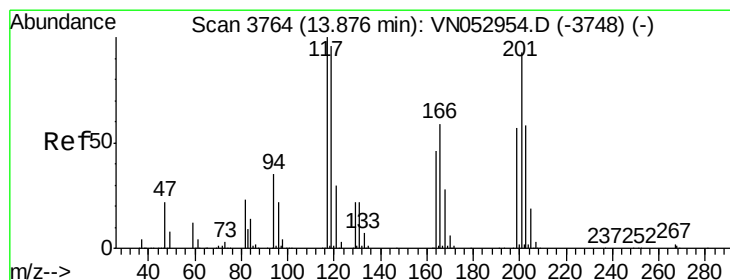
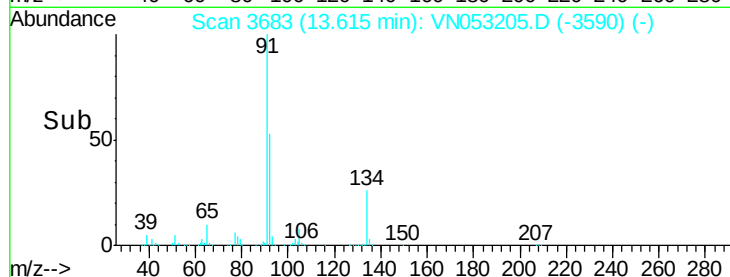
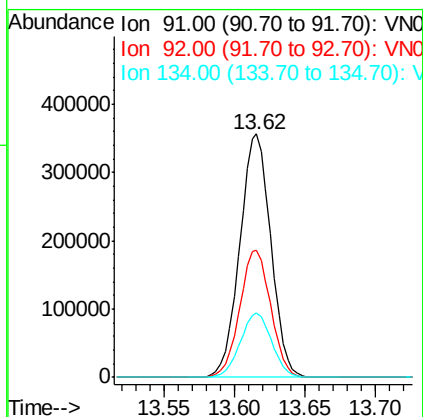
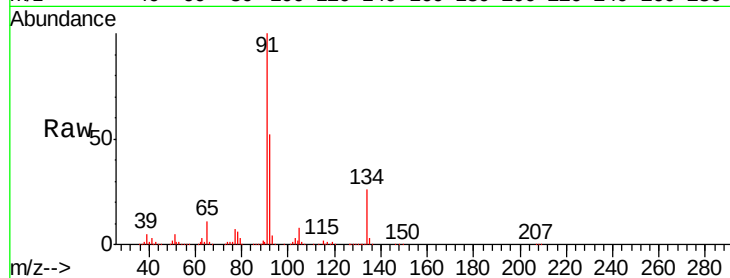
Tgt Ion: 91 Resp: 548668

Ion Ratio Lower Upper

91 100

92 52.2 26.3 78.9

134 26.6 13.3 39.8



#90

Hexachloroethane

Concen: 20.108 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053205.D

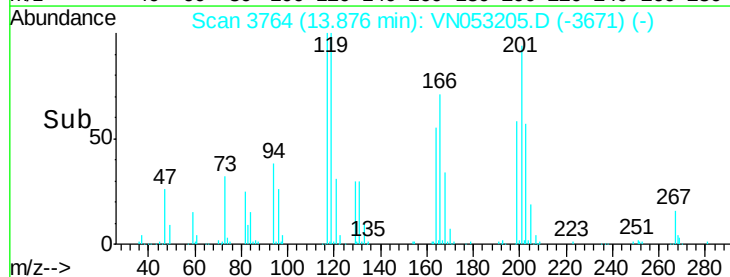
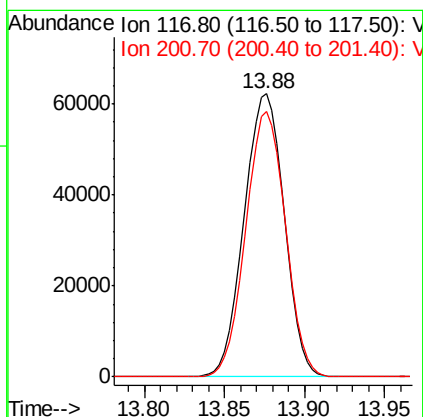
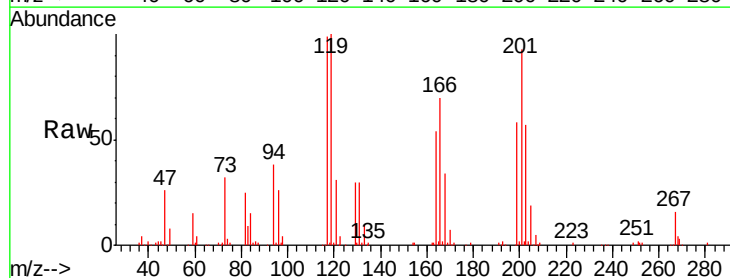
Acq: 27 Dec 2018 11:56

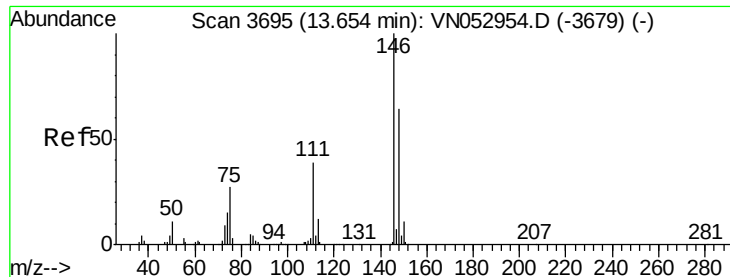
Tgt Ion: 117 Resp: 106707

Ion Ratio Lower Upper

117 100

201 92.8 45.7 137.1

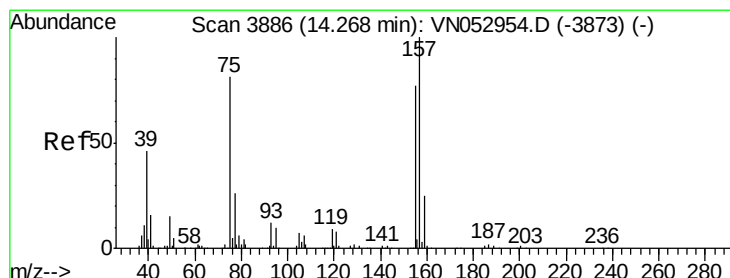
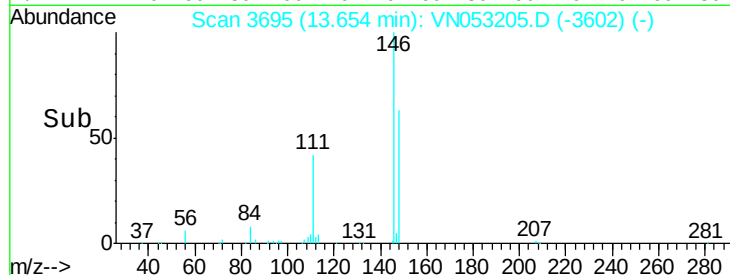
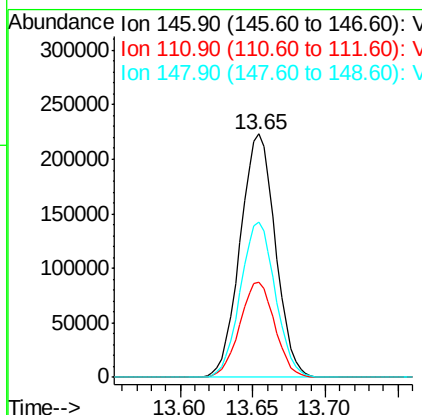
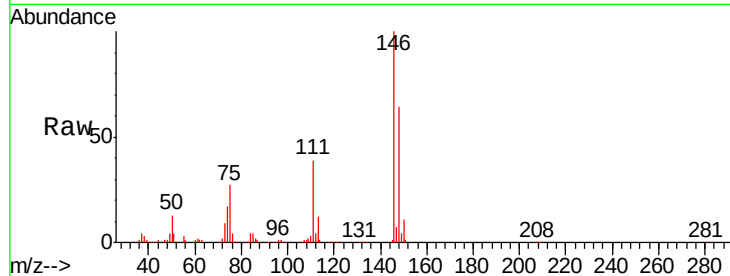




#91
 1,2-Dichlorobenzene
 Concen: 21.193 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

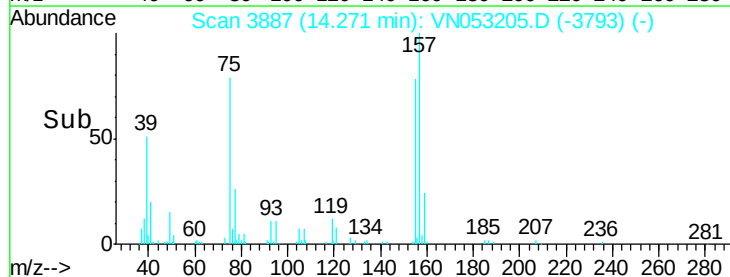
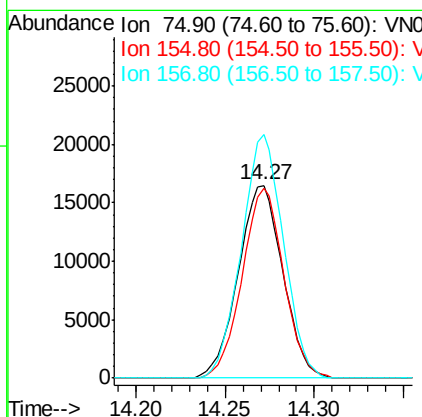
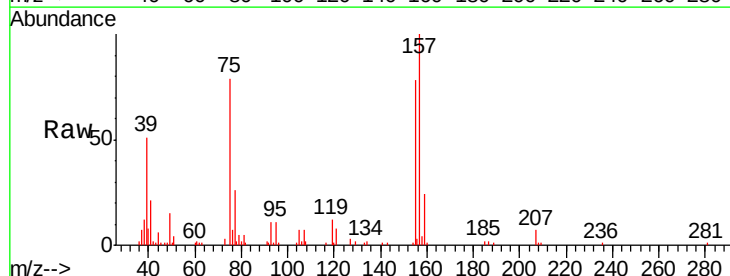
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBS01

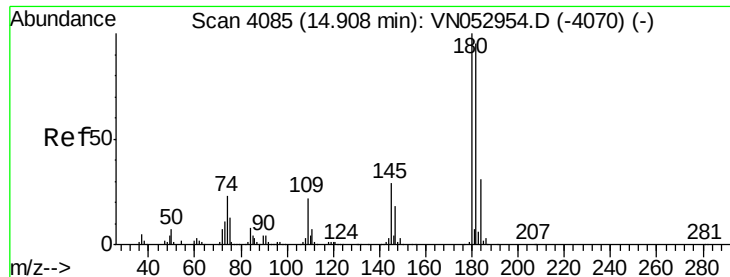
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.0
148	63.3	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.692 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	48.2	144.6
157	119.5	61.2	183.5

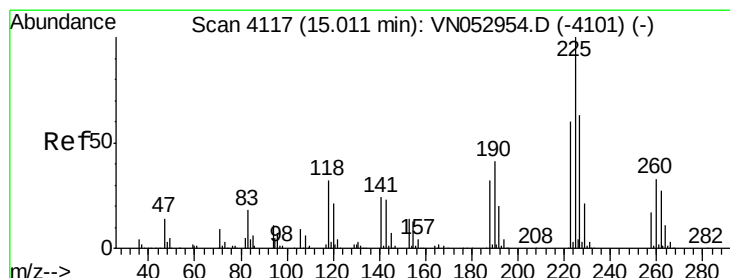
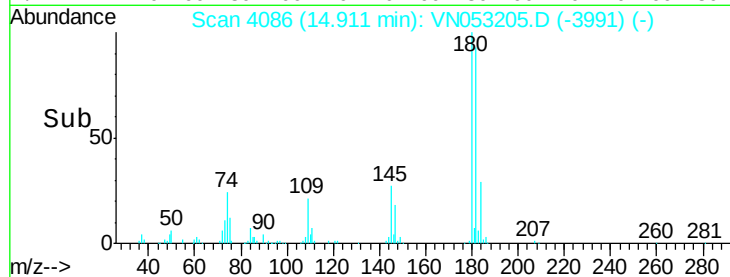
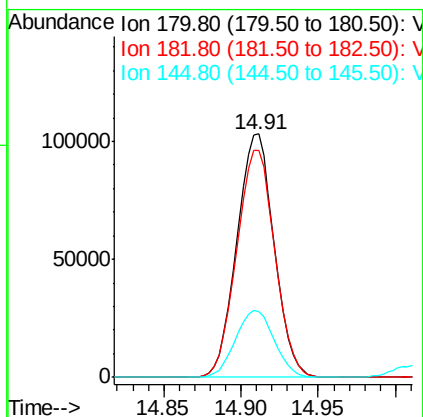
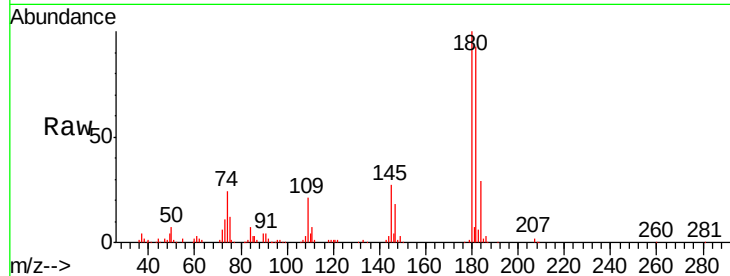




#93
 1,2,4-Trichlorobenzene
 Concen: 18.693 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

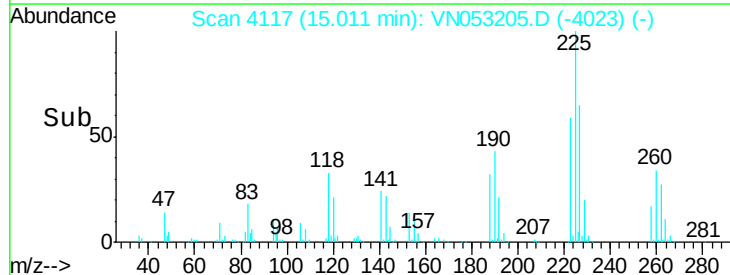
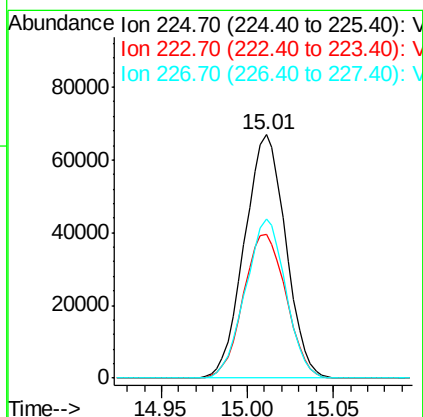
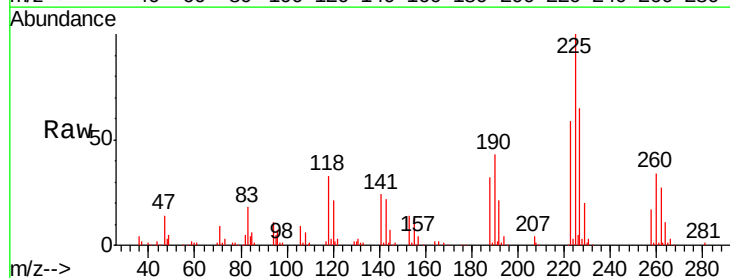
Instrument :
 MSVOA_N
 ClientSampled :
 VN1227WBS01

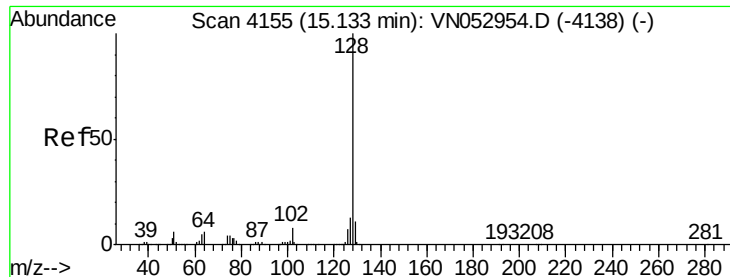
Tgt Ion:180 Resp: 172450
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.8 143.3
 145 28.6 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 21.295 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053205.D
 Acq: 27 Dec 2018 11:56

Tgt Ion:225 Resp: 111855
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.5 94.5
 227 63.8 31.9 95.7

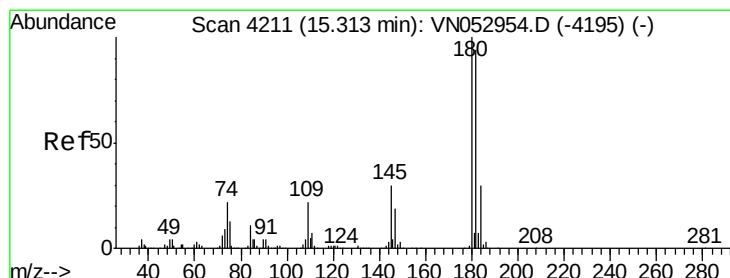
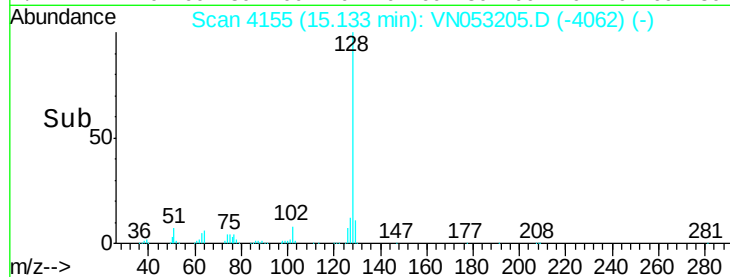
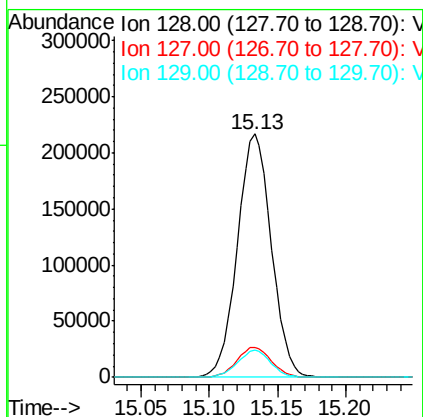
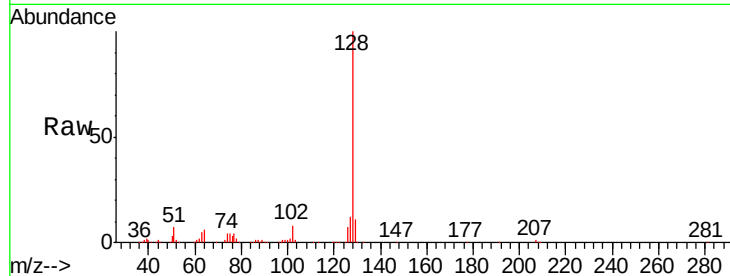




#95
Naphthalene
Concen: 18.846 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBS01

Tgt Ion:128 Resp: 373635
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.556 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053205.D
Acq: 27 Dec 2018 11:56

Tgt Ion:180 Resp: 154602
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.7
145 29.8 15.0 45.0

