

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053043.D
 Acq On : 20 Dec 2018 9:08
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 00:12:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1080546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1600267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1453014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	718052	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	570369	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
35) Dibromofluoromethane	7.59	113	460937	63.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.12%	
50) Toluene-d8	10.09	98	2147861	54.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.46%	
62) 4-Bromofluorobenzene	12.40	95	770792	55.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.90%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	527461	48.232	ug/l 100
3) Chloromethane	2.06	50	640058	48.299	ug/l 100
4) Vinyl Chloride	2.19	62	641586	47.804	ug/l 100
5) Bromomethane	2.57	94	425515	45.761	ug/l 99
6) Chloroethane	2.71	64	383717	48.274	ug/l 100
7) Trichlorofluoromethane	3.02	101	815312	48.764	ug/l 100
8) Diethyl Ether	3.41	74	310145	49.171	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	531188	49.829	ug/l 99
10) Methyl Iodide	3.96	142	757769	50.618	ug/l 99
11) Tert butyl alcohol	4.78	59	157439	235.310	ug/l 98
12) 1,1-Dichloroethene	3.74	96	496997	48.257	ug/l 97
13) Acrolein	3.61	56	146052	240.742	ug/l 98
14) Allyl chloride	4.33	41	772642	48.433	ug/l 98
15) Acrylonitrile	4.98	53	892176	240.024	ug/l 99
16) Acetone	3.81	43	477680	222.178	ug/l 97
17) Carbon Disulfide	4.06	76	1431599	42.623	ug/l 99
18) Methyl Acetate	4.32	43	451407	46.333	ug/l 99
19) Methyl tert-butyl Ether	5.04	73	1352396	49.069	ug/l 100
20) Methylene Chloride	4.55	84	568000	48.431	ug/l 98
21) trans-1,2-Dichloroethene	5.05	96	529359	47.839	ug/l 98
22) Diisopropyl ether	5.95	45	1707156	50.134	ug/l 98
23) Vinyl Acetate	5.89	43	4974069	254.029	ug/l 98
24) 1,1-Dichloroethane	5.85	63	990574	48.955	ug/l 99
25) 2-Butanone	6.83	43	886699	245.745	ug/l 97
26) 2,2-Dichloropropane	6.83	77	759593	49.177	ug/l 99
27) cis-1,2-Dichloroethene	6.83	96	614506	49.054	ug/l 100
28) Bromochloromethane	7.19	49	443069	50.533	ug/l 94
29) Tetrahydrofuran	7.21	42	657827	244.104	ug/l 98
30) Chloroform	7.37	83	974256	49.014	ug/l 100
31) Cyclohexane	7.65	56	950023	50.062	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	815019	48.132	ug/l 99
36) 1,1-Dichloropropene	7.79	75	776812	50.574	ug/l 100
37) Ethyl Acetate	6.93	43	442447	51.600	ug/l 99
38) Carbon Tetrachloride	7.77	117	705237	50.093	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	945157	50.654	ug/l	99
40) Benzene	8.04	78	2302841	50.404	ug/l	100
41) Methacrylonitrile	7.17	41	249423	50.345	ug/l	97
42) 1,2-Dichloroethane	8.12	62	676853	50.149	ug/l	98
43) Isopropyl Acetate	8.16	43	815788	49.146	ug/l	97
44) Trichloroethene	8.83	130	655516	49.605	ug/l	97
45) 1,2-Dichloropropane	9.12	63	609600	51.226	ug/l	99
46) Dibromomethane	9.21	93	345428	49.828	ug/l	97
47) Bromodichloromethane	9.40	83	742337	50.376	ug/l	99
48) Methyl methacrylate	9.20	41	415313	49.914	ug/l	99
49) 1,4-Dioxane	9.20	88	107777	1023.999	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	2141240	257.862	ug/l	99
52) Toluene	10.16	92	1460763	51.584	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	768814	49.615	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	906470	50.965	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	500987	50.710	ug/l	99
56) Ethyl methacrylate	10.43	69	668438	51.118	ug/l	98
57) 1,3-Dichloropropane	10.71	76	864093	51.005	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1826765	254.465	ug/l	98
59) 2-Hexanone	10.75	43	1482913	263.947	ug/l	98
60) Dibromochloromethane	10.90	129	566641	50.107	ug/l	100
61) 1,2-Dibromoethane	11.01	107	505735	50.404	ug/l	99
64) Tetrachloroethene	10.63	164	745682	47.377	ug/l	98
65) Chlorobenzene	11.43	112	1628816	50.570	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	559744	49.974	ug/l	99
67) Ethyl Benzene	11.51	91	2833110	51.147	ug/l	100
68) m/p-Xylenes	11.62	106	2180756	103.562	ug/l	99
69) o-Xylene	11.95	106	1056697	52.295	ug/l	100
70) Styrene	11.96	104	1748273	53.061	ug/l	99
71) Bromoform	12.13	173	388967	48.071	ug/l #	100
73) Isopropylbenzene	12.25	105	2821009	50.213	ug/l	100
74) N-amyl acetate	12.07	43	763593	48.955	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	559146	50.730	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	785045	64.946	ug/l #	100
77) Bromobenzene	12.53	156	725605	49.686	ug/l	97
78) n-propylbenzene	12.59	91	3262087	50.982	ug/l	99
79) 2-Chlorotoluene	12.67	91	1898499	47.868	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2310241	50.450	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	177976	47.456	ug/l	97
82) 4-Chlorotoluene	12.77	91	1952810	50.298	ug/l	99
83) tert-Butylbenzene	12.99	119	2011759	49.674	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2348694	51.020	ug/l	100
85) sec-Butylbenzene	13.17	105	2714265	49.549	ug/l	100
86) p-Isopropyltoluene	13.29	119	2385070	50.388	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1292914	50.021	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1285977	49.130	ug/l	100
89) n-Butylbenzene	13.62	91	2002120	49.166	ug/l	99
90) Hexachloroethane	13.88	117	354704	48.832	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1219508	50.132	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	88920	46.659	ug/l	98

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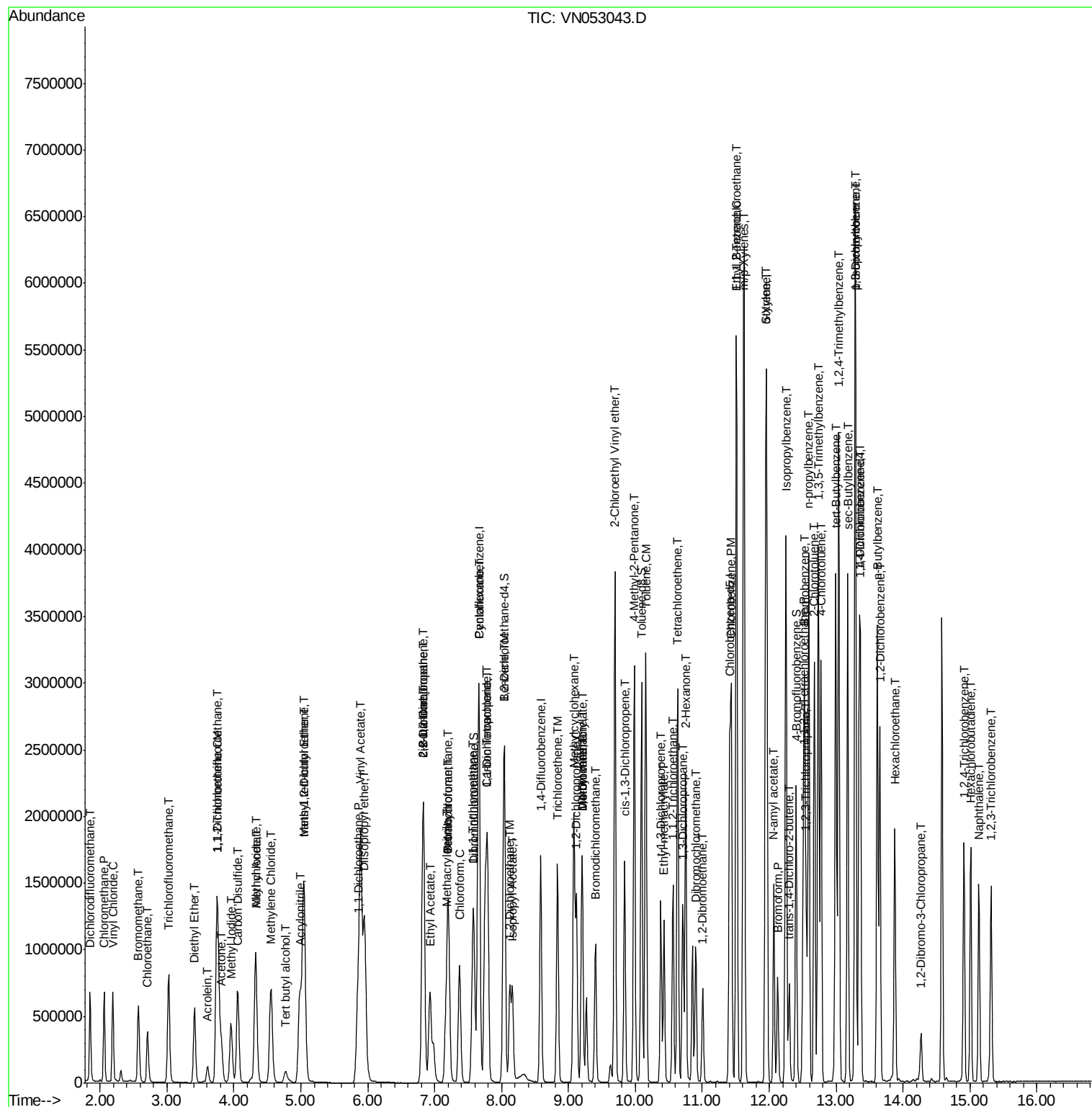
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	641161	49.751	ug/l	99
94) Hexachlorobutadiene	15.01	225	383451	57.917	ug/l	99
95) Naphthalene	15.13	128	1309629	46.471	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	559610	48.236	ug/l	99

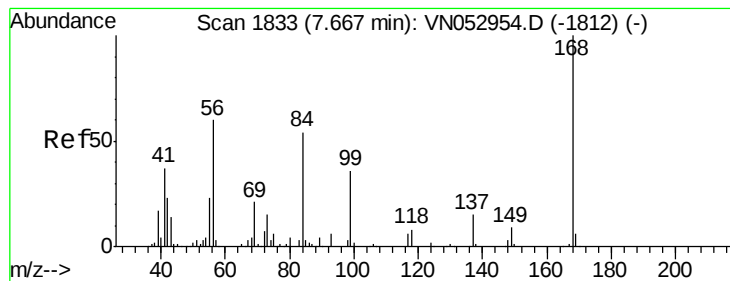
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

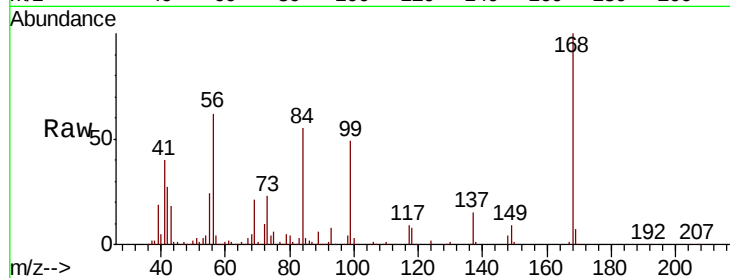
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1080546

Ion Ratio Lower Upper

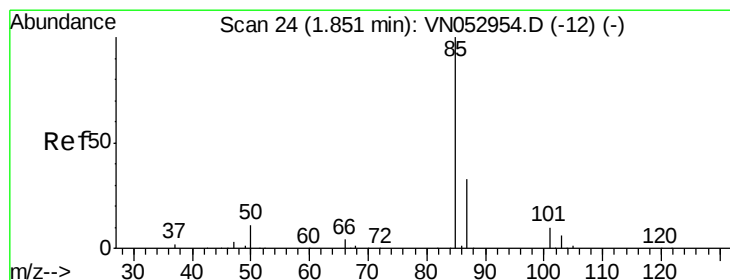
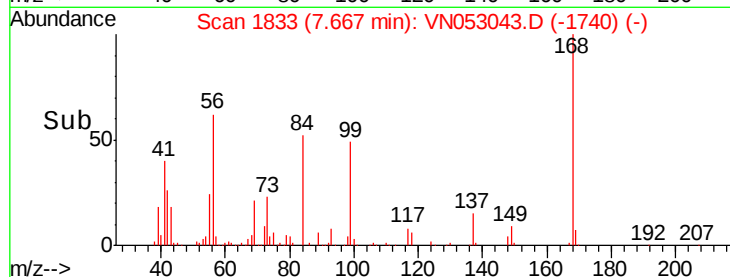
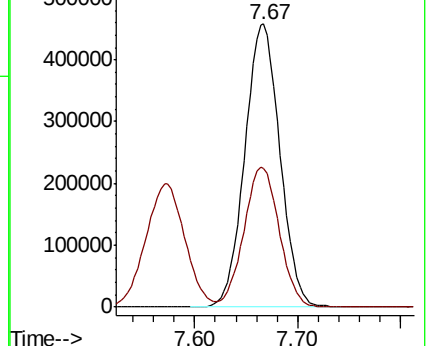
168 100

99 49.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.232 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN053043.D

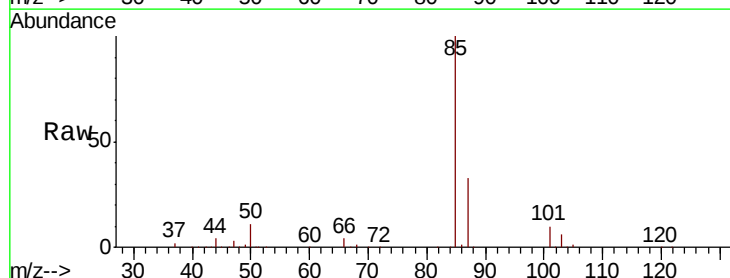
Acq: 20 Dec 2018 9:08

Tgt Ion: 85 Resp: 527461

Ion Ratio Lower Upper

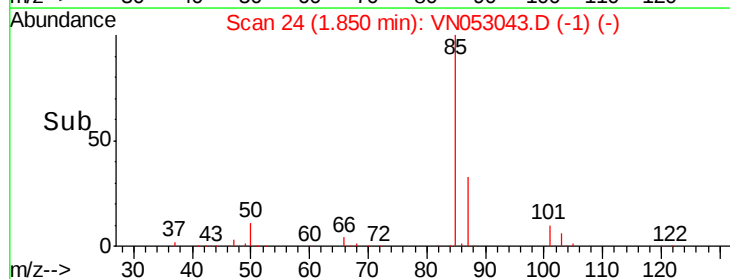
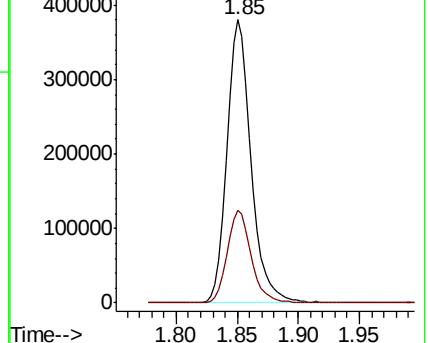
85 100

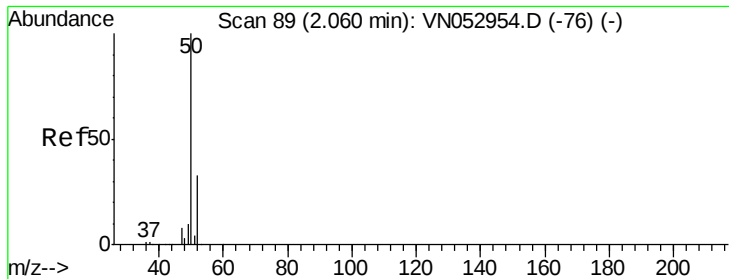
87 32.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 48.299 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Instrument :

MSVOA_N

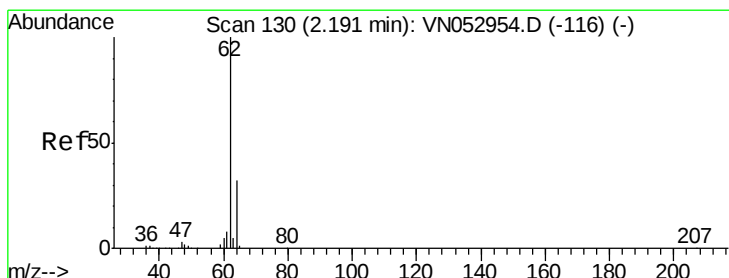
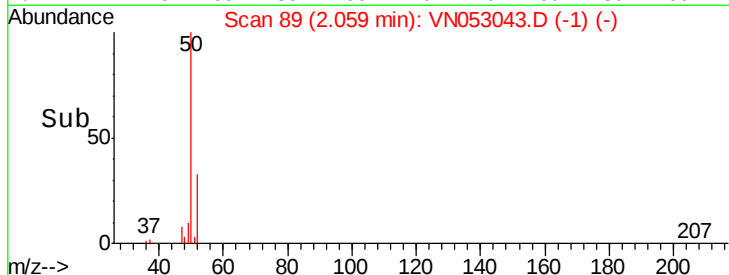
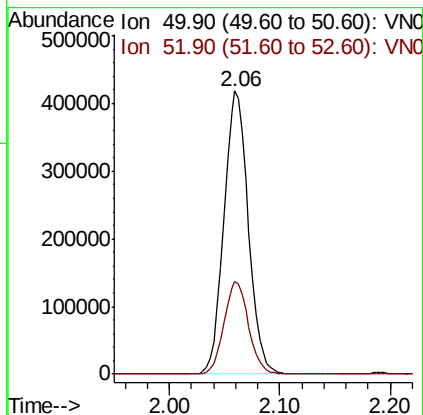
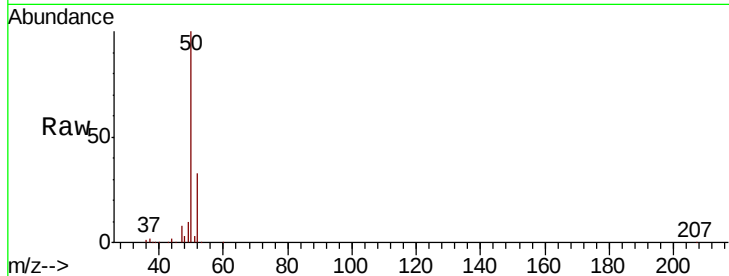
ClientSampleId :

Tot Ion: 50 Resp: 640058

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.4



#4

Vinyl Chloride

Concen: 47.804 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN053043.D

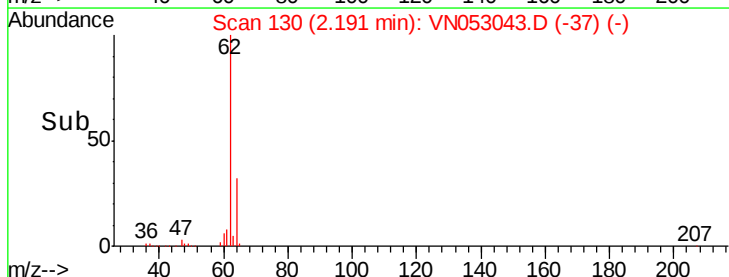
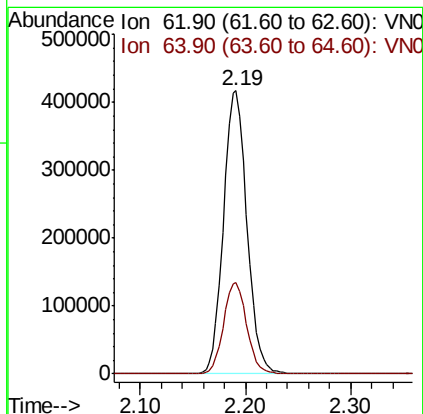
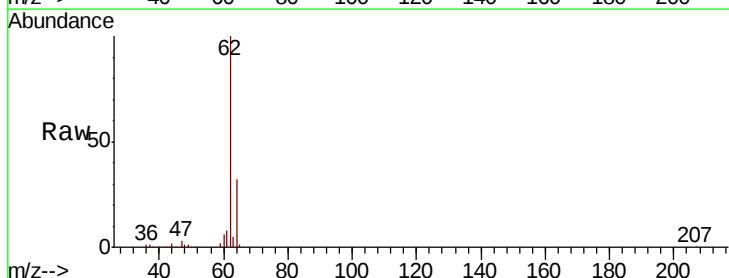
Acq: 20 Dec 2018 9:08

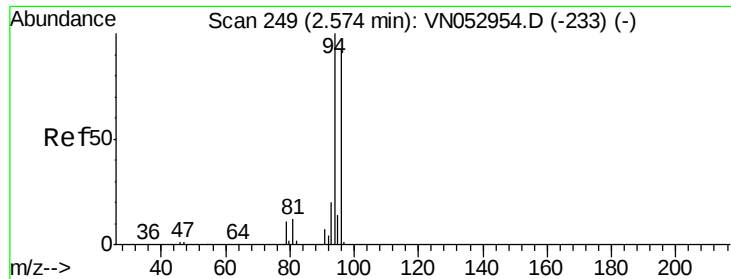
Tgt Ion: 62 Resp: 641586

Ion Ratio Lower Upper

62 100

64 32.1 25.5 38.3





#5

Bromomethane

Concen: 45.761 ug/l

RT: 2.57 min Scan# 249

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Instrument :

MSVOA_N

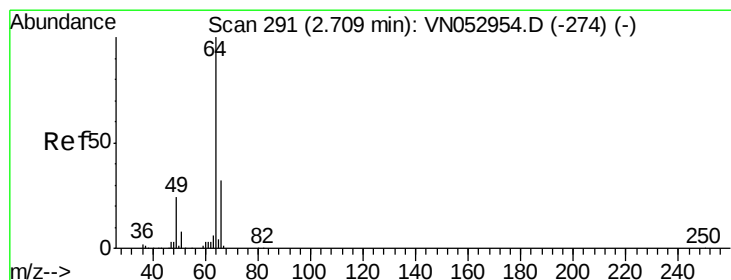
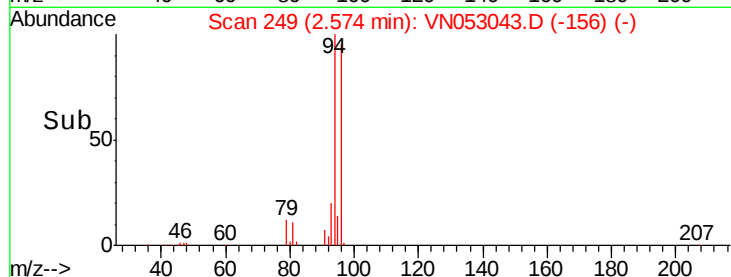
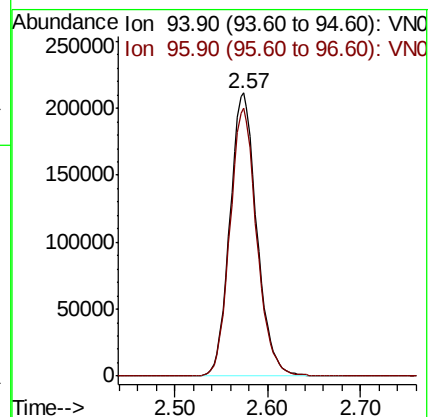
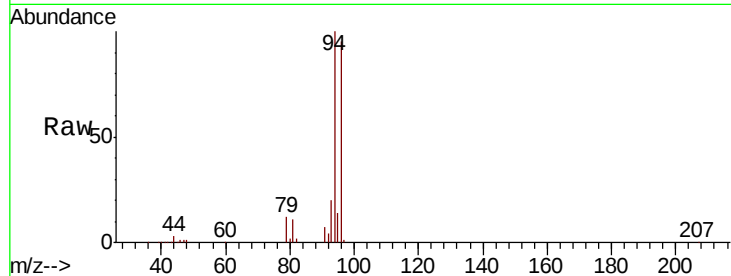
ClientSampleId :

Tot Ion: 94 Resp: 425515

Ion Ratio Lower Upper

94 100

96 94.6 75.0 112.4



#6

Chloroethane

Concen: 48.274 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN053043.D

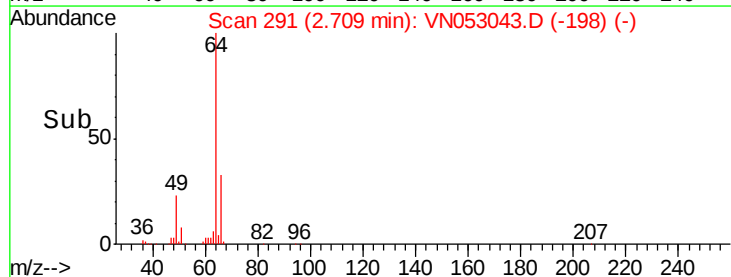
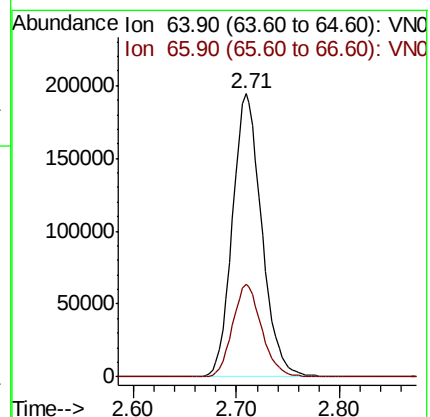
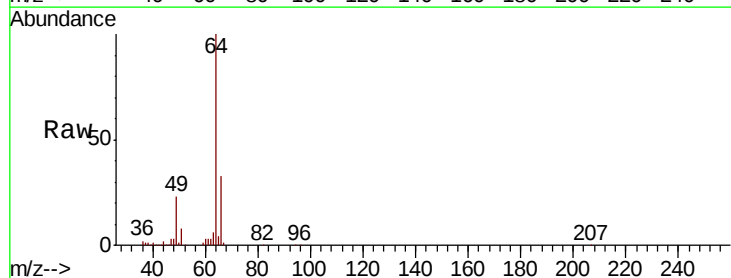
Acq: 20 Dec 2018 9:08

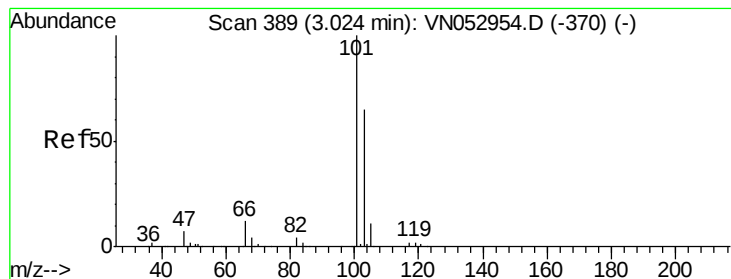
Tgt Ion: 64 Resp: 383717

Ion Ratio Lower Upper

64 100

66 32.8 26.2 39.2



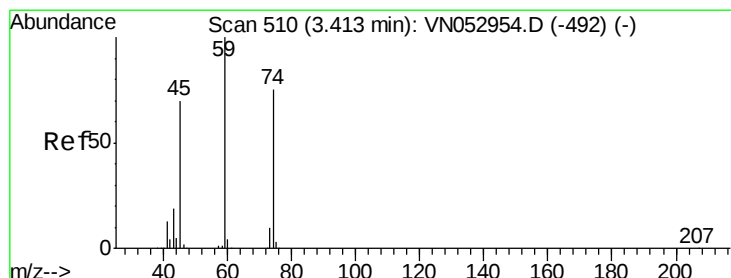
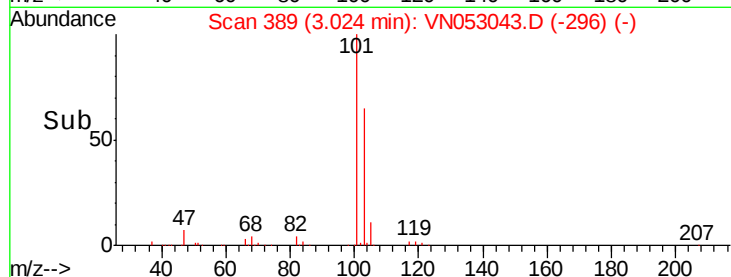
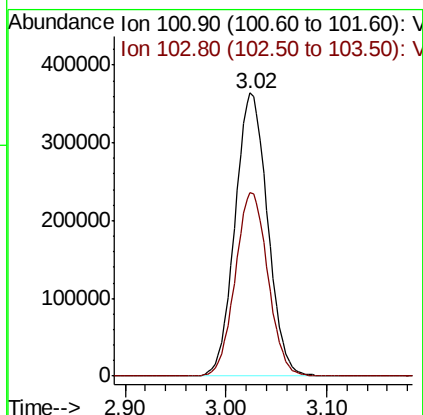
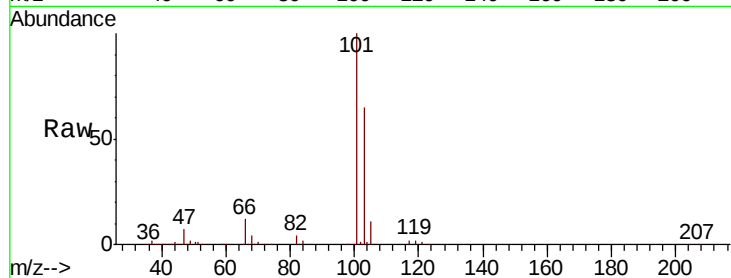


#7

Trichlorofluoromethane
 Concen: 48.764 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

Instrument :
 MSVOA_N
 ClientSampled :

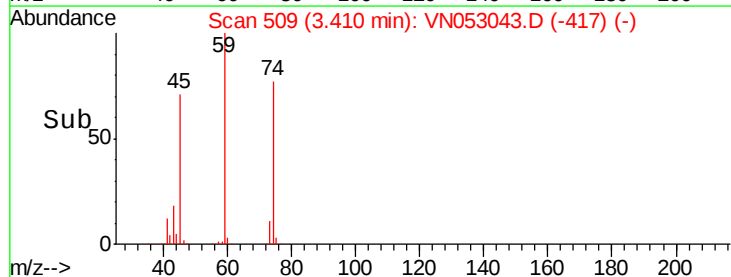
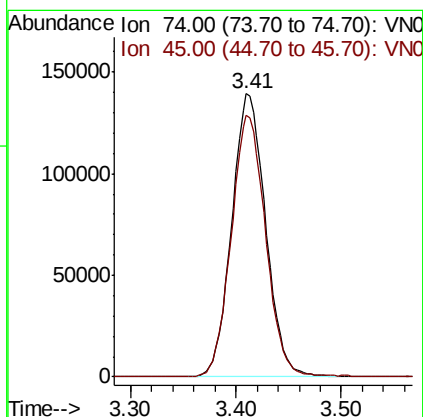
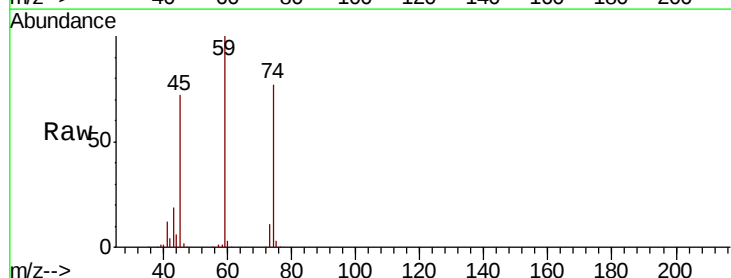
Tot Ion:101 Resp: 815312
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.8 77.6

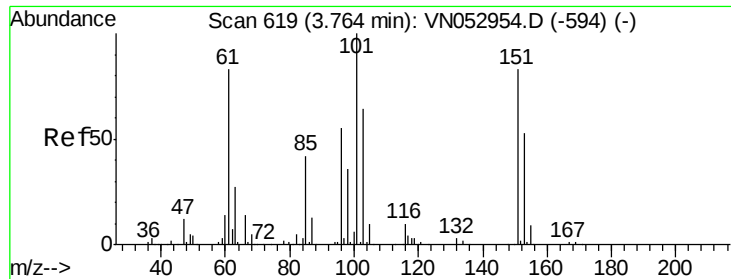


#8

Diethyl Ether
 Concen: 49.171 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

Tgt Ion: 74 Resp: 310145
 Ion Ratio Lower Upper
 74 100
 45 93.4 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.829 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Instrument :

MSVOA_N

ClientSampleId :

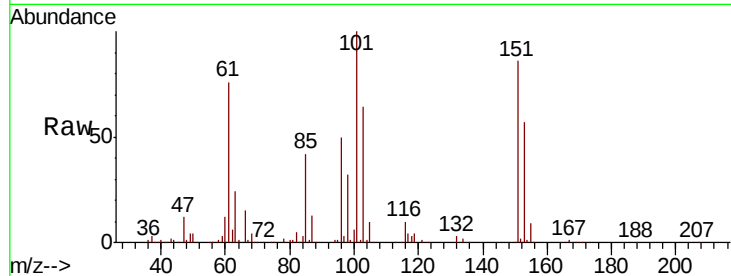
Tot Ion:101 Resp: 531188

Ion Ratio Lower Upper

101 100

85 41.7 33.6 50.4

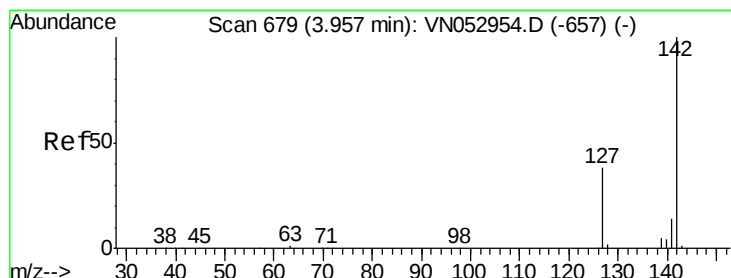
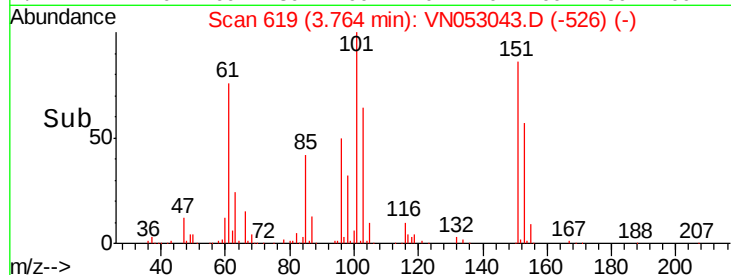
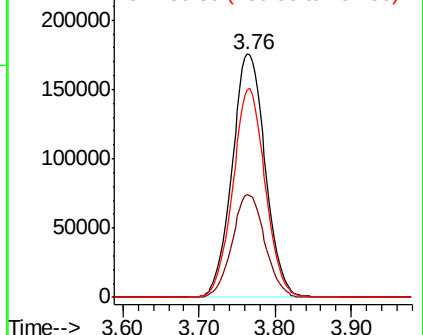
151 83.7 65.5 98.3



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: 50.618 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

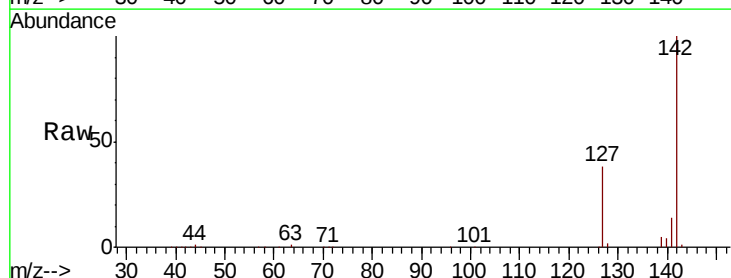
Tgt Ion:142 Resp: 757769

Ion Ratio Lower Upper

142 100

127 38.4 31.0 46.6

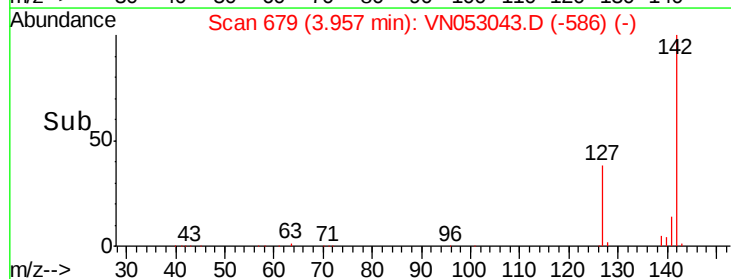
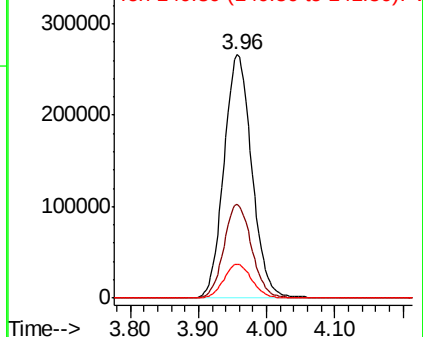
141 14.0 11.2 16.8

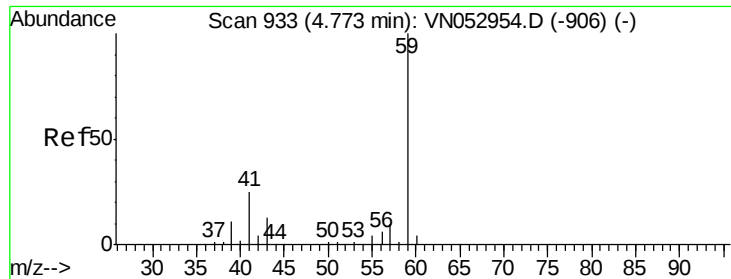


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

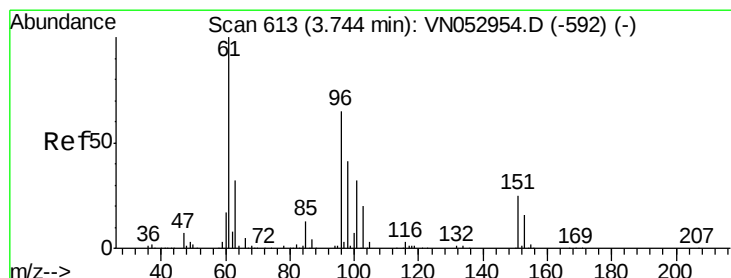
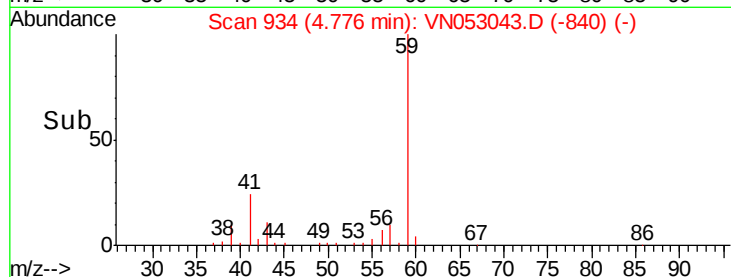
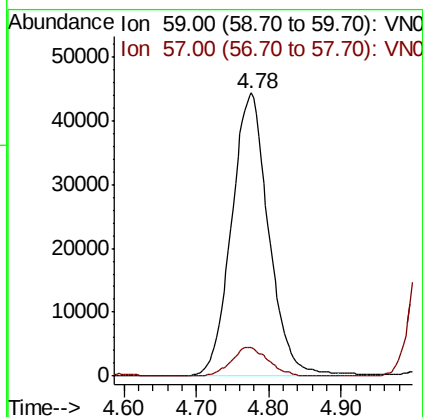
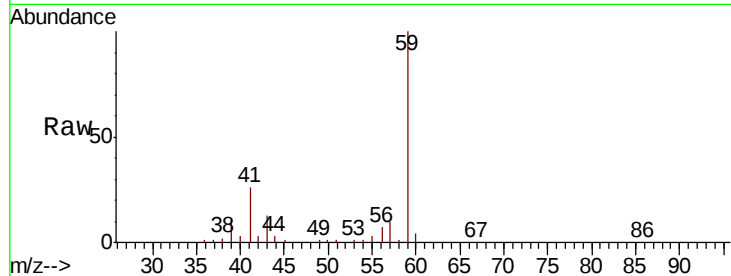




#11
Tert butyl alcohol
Concen: 235.310 ug/l
RT: 4.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

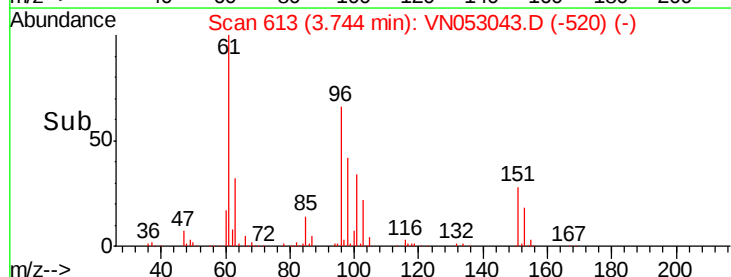
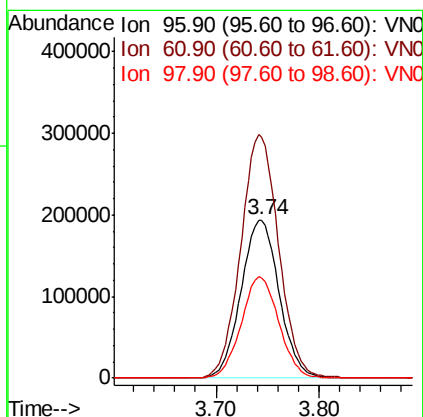
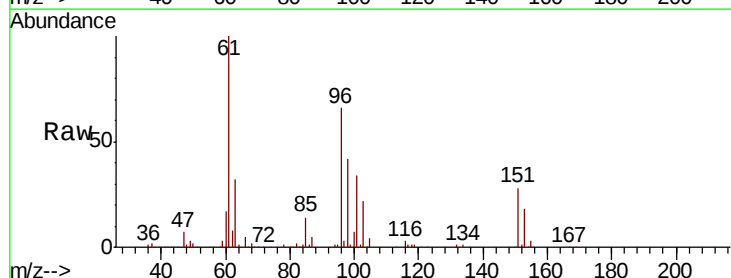
Instrument :
MSVOA_N
ClientSampleId :

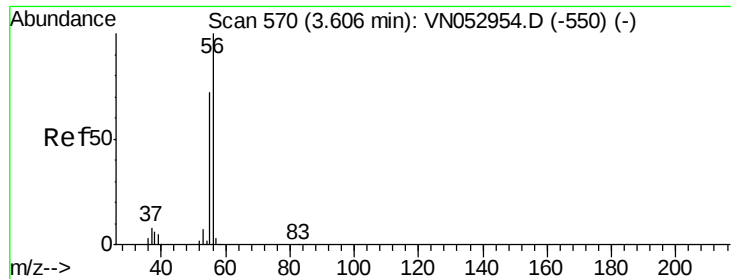
Tot Ion: 59 Resp: 157439
Ion Ratio Lower Upper
59 100
57 10.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 48.257 ug/l
RT: 3.74 min Scan# 613
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Tgt Ion: 96 Resp: 496997
Ion Ratio Lower Upper
96 100
61 152.5 125.6 188.4
98 63.5 50.6 75.8

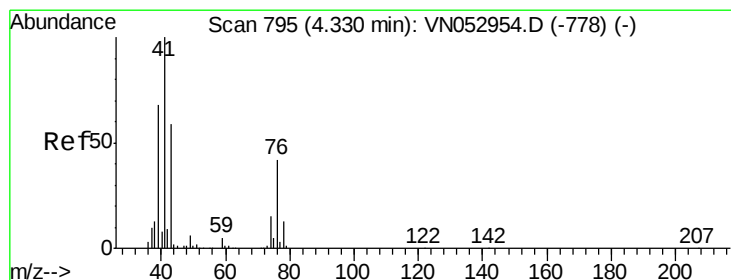
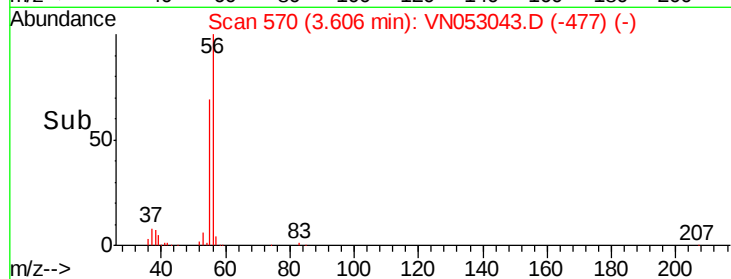
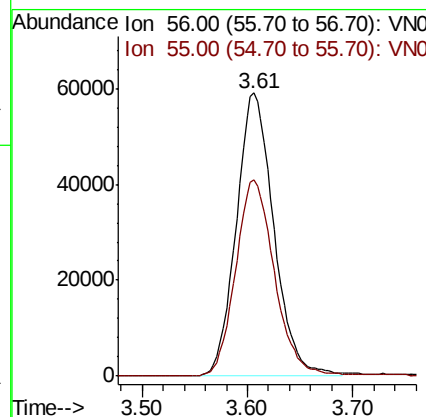
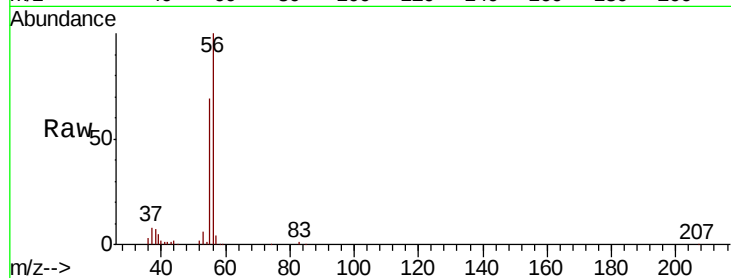




#13
Acrolein
Concen: 240.742 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

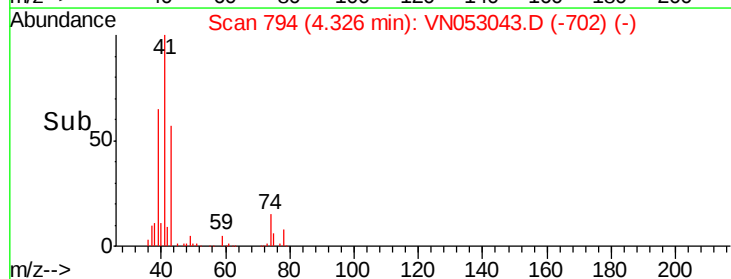
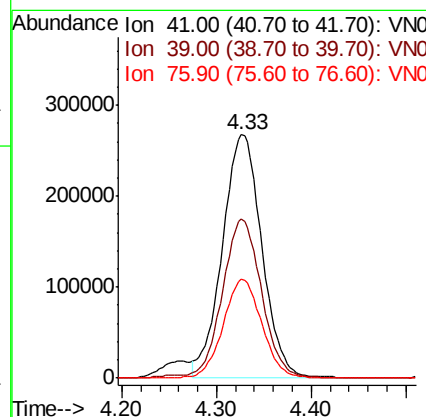
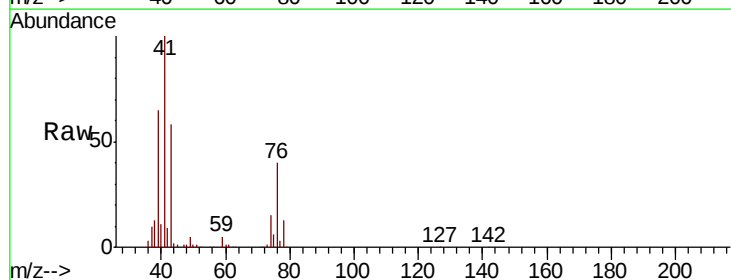
Instrument :
MSVOA_N
ClientSampleId :

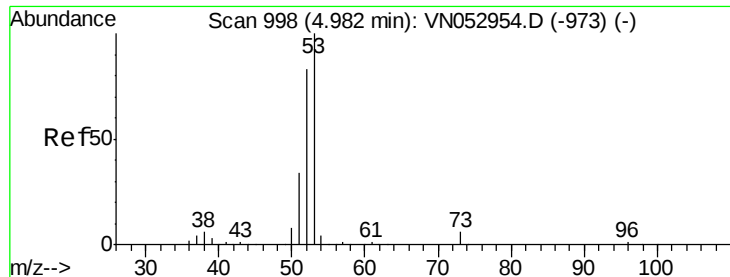
Tot Ion: 56 Resp: 146052
Ion Ratio Lower Upper
56 100
55 72.1 56.6 85.0



#14
Allyl chloride
Concen: 48.433 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Tgt Ion: 41 Resp: 772642
Ion Ratio Lower Upper
41 100
39 65.9 54.1 81.1
76 39.2 30.3 45.5





#15

Acrylonitrile

Concen: 240.024 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Instrument :

MSVOA_N

ClientSampleId :

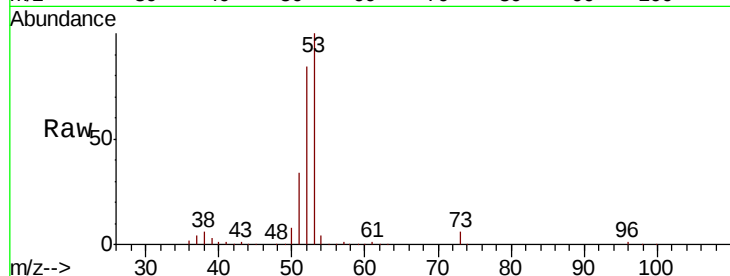
Tot Ion: 53 Resp: 892176

Ion Ratio Lower Upper

53 100

52 81.9 65.1 97.7

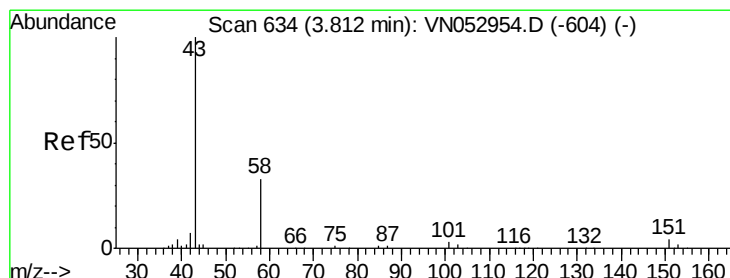
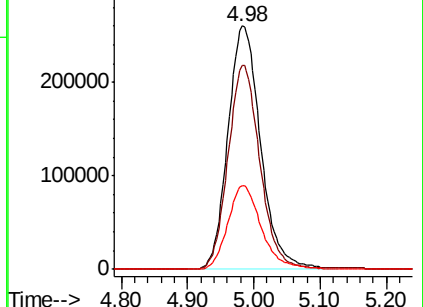
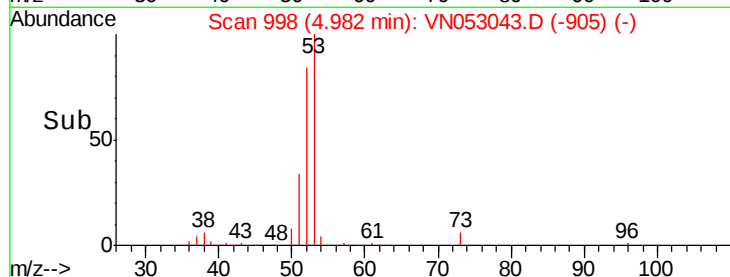
51 35.4 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN053043.D (-905) (-)

Ion 52.00 (51.70 to 52.70): VN053043.D (-905) (-)

Ion 51.00 (50.70 to 51.70): VN053043.D (-905) (-)



#16

Acetone

Concen: 222.178 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN053043.D

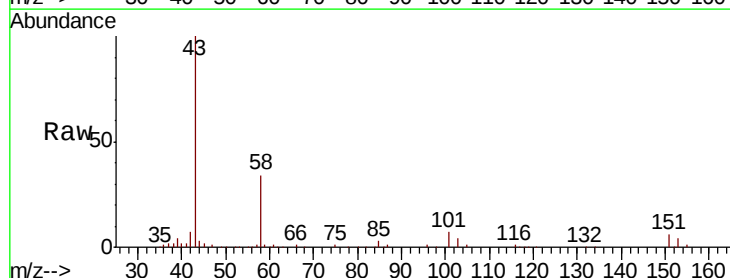
Acq: 20 Dec 2018 9:08

Tgt Ion: 43 Resp: 477680

Ion Ratio Lower Upper

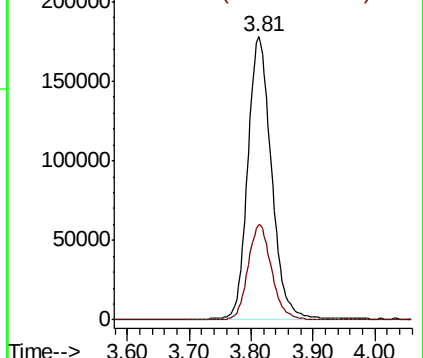
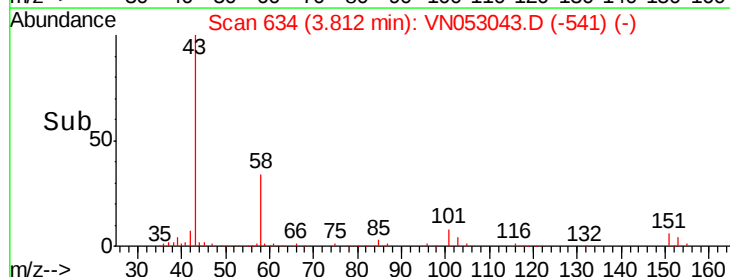
43 100

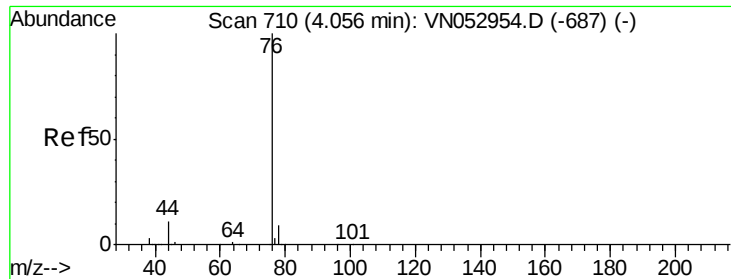
58 33.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053043.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053043.D (-541) (-)

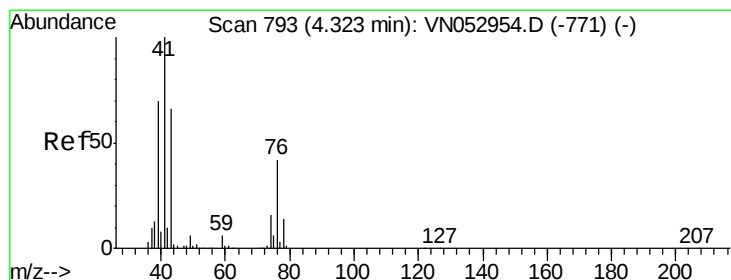
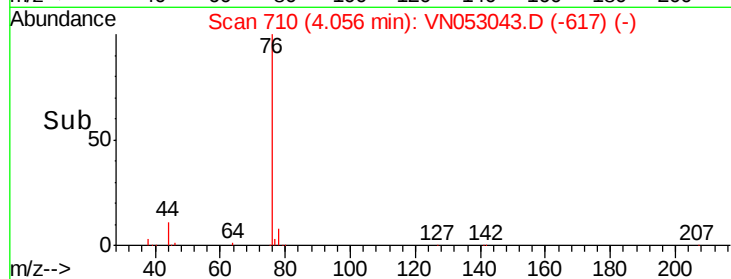
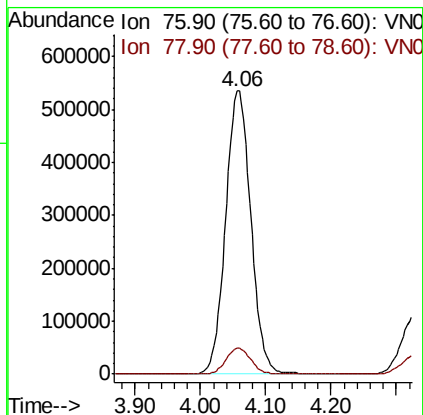
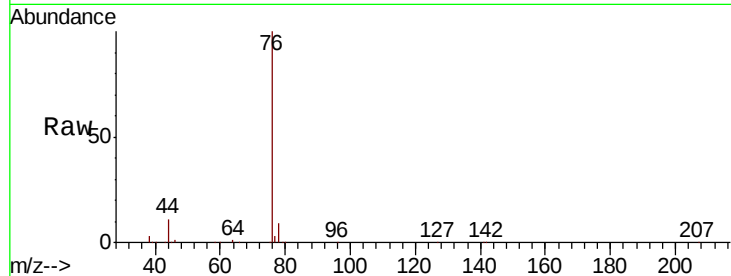




#17
Carbon Disulfide
Concen: 42.623 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

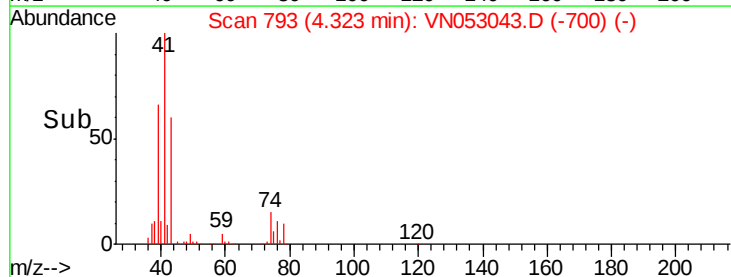
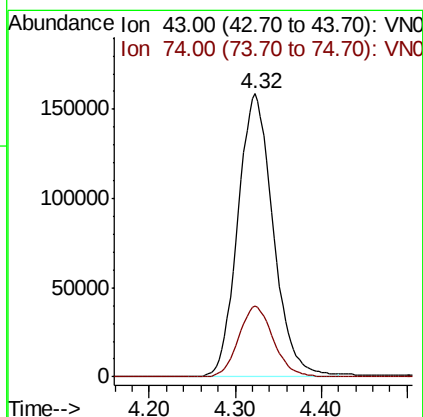
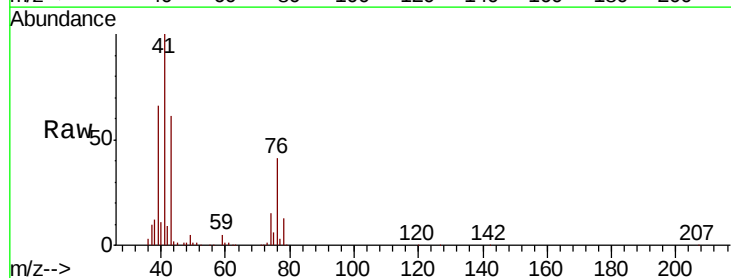
Instrument :
MSVOA_N
ClientSampled :

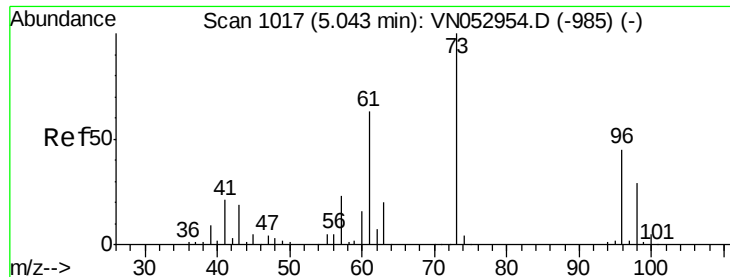
Tot Ion: 76 Resp: 1431599
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 46.333 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Tgt Ion: 43 Resp: 451407
Ion Ratio Lower Upper
43 100
74 24.7 19.2 28.8



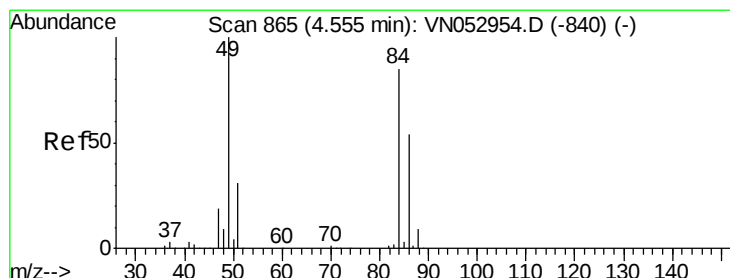
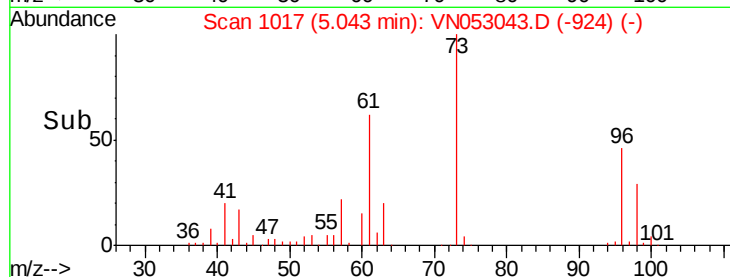
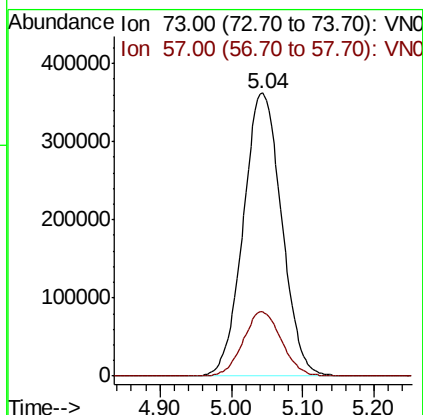
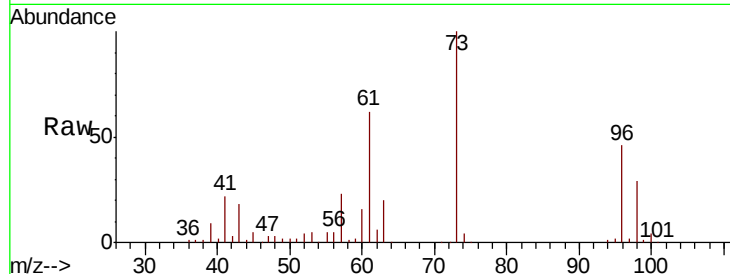


#19

Methyl tert-butyl Ether
 Concen: 49.069 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

Instrument :
 MSVOA_N
 ClientSampled :

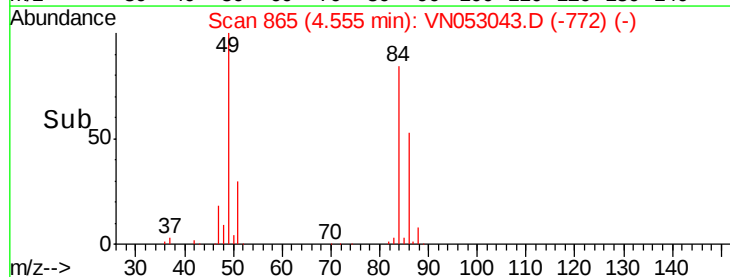
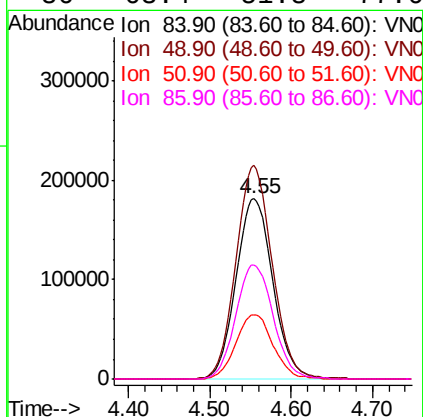
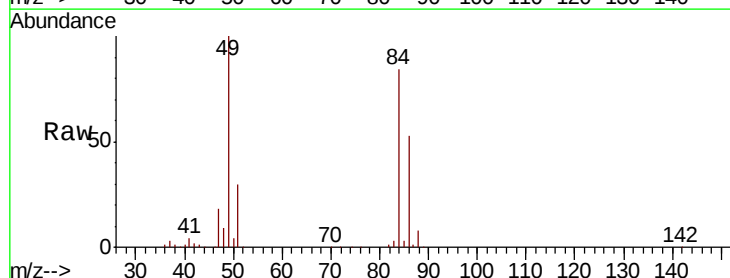
Tot Ion: 73 Resp: 1352396
 Ion Ratio Lower Upper
 73 100
 57 22.8 18.4 27.6

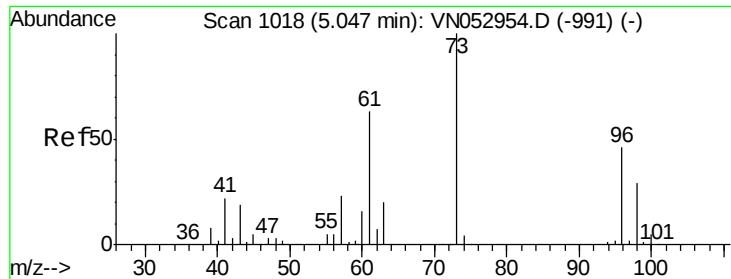


#20

Methylene Chloride
 Concen: 48.431 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

Tgt Ion: 84 Resp: 568000
 Ion Ratio Lower Upper
 84 100
 49 118.6 96.8 145.2
 51 35.7 29.9 44.9
 86 63.4 51.8 77.6

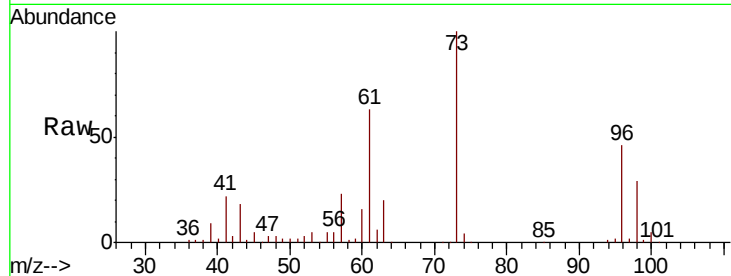




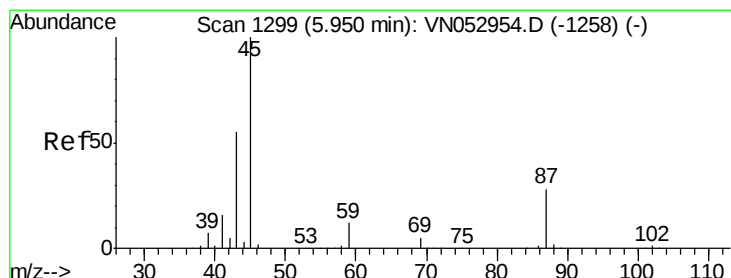
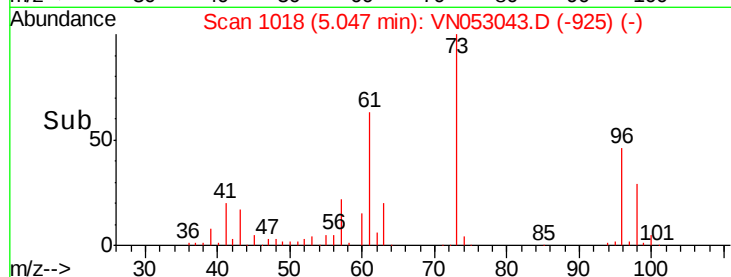
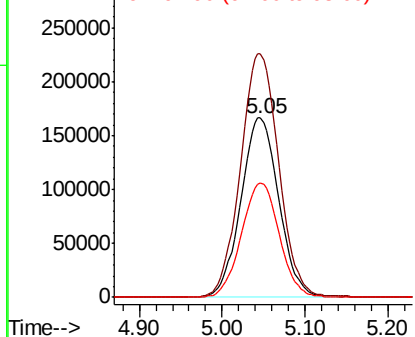
#21
trans-1,2-Dichloroethene
Concen: 47.839 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 529359
Ion Ratio Lower Upper
96 100
61 135.6 110.8 166.2
98 63.6 51.4 77.2

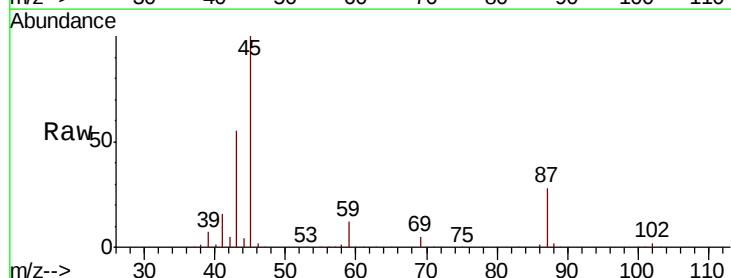


Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO

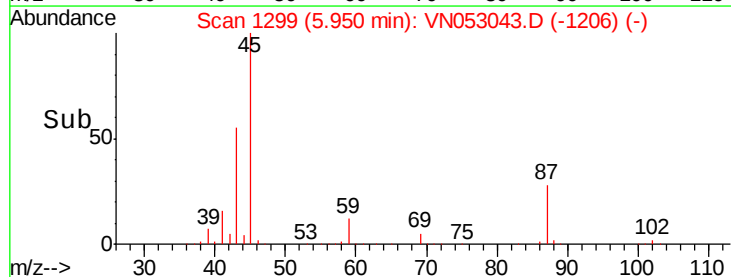
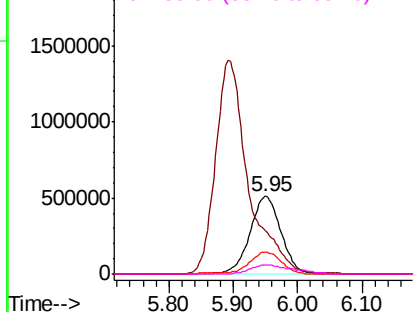


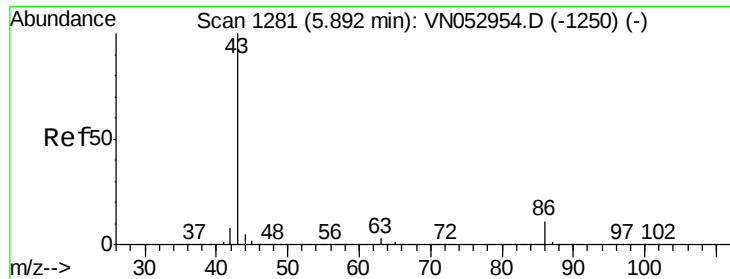
#22
Diisopropyl ether
Concen: 50.134 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Tgt Ion: 45 Resp: 1707156
Ion Ratio Lower Upper
45 100
43 54.5 45.5 68.3
87 28.1 22.0 33.0
59 11.5 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 87.00 (86.70 to 87.70): VNO
Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 254.029 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

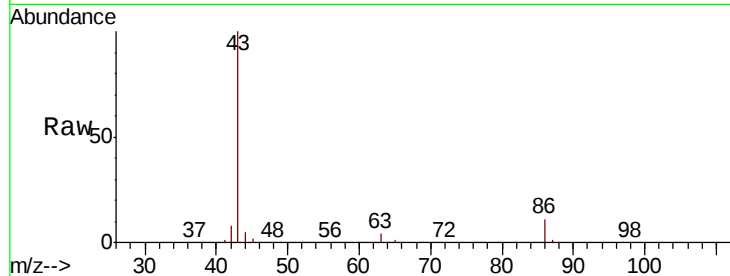
Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Instrument :
MSVOA_N
ClientSampleId :

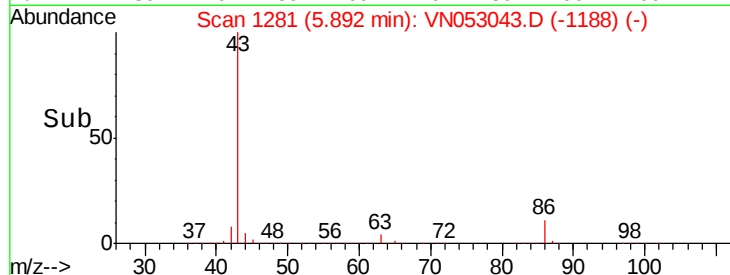
Tot Ion: 43 Resp: 4974069

Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.1	12.1

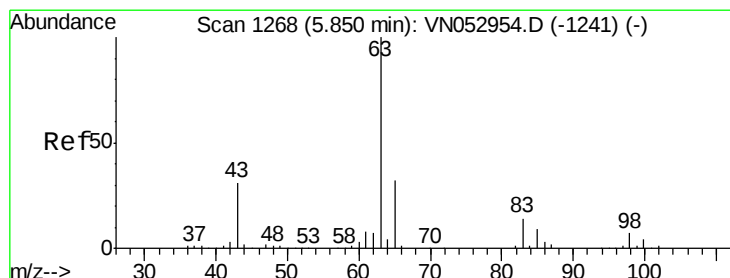


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 48.955 ug/l

RT: 5.85 min Scan# 1268

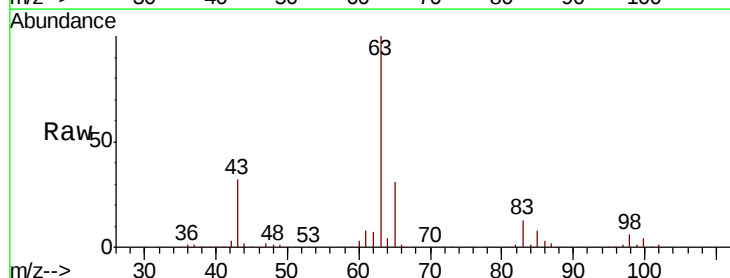
Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Tgt Ion: 63 Resp: 990574

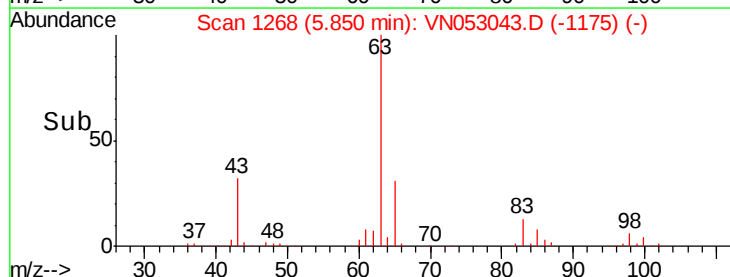
Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.1	9.4
100	4.1	2.0	5.8



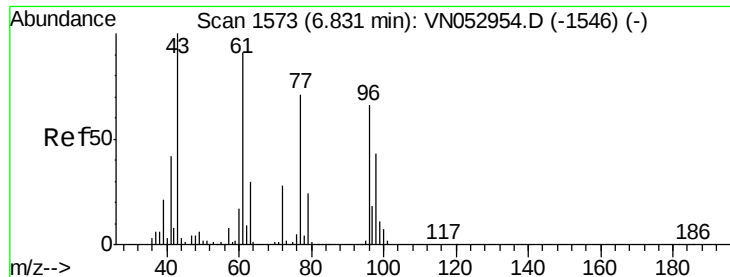
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



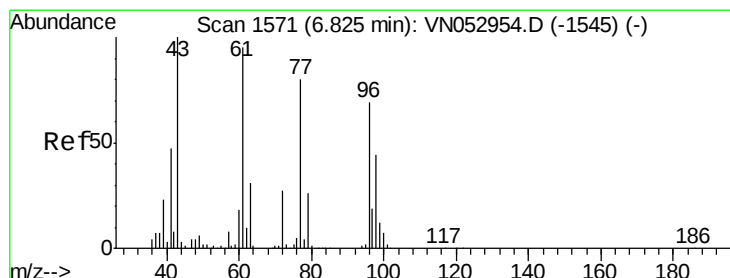
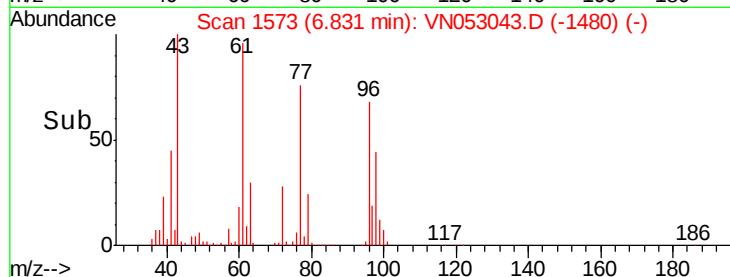
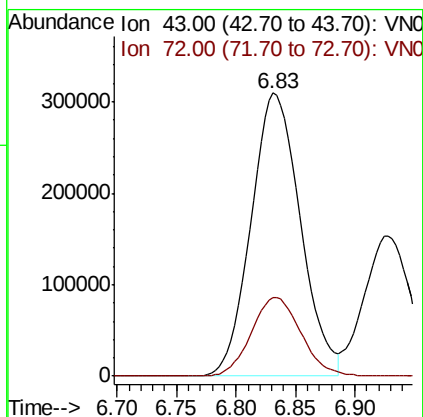
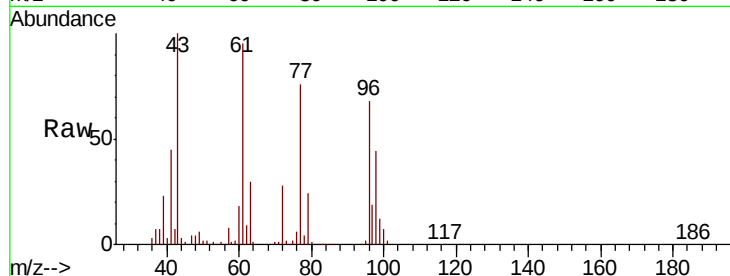
Time-->



#25
2-Butanone
Concen: 245.745 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

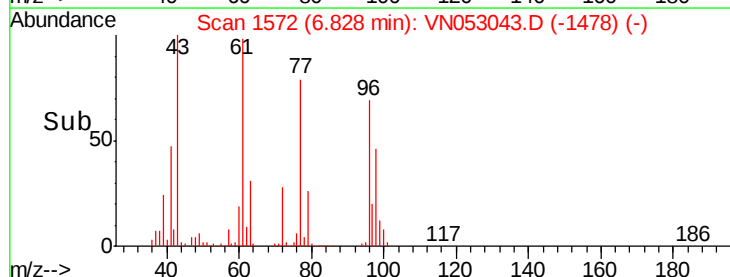
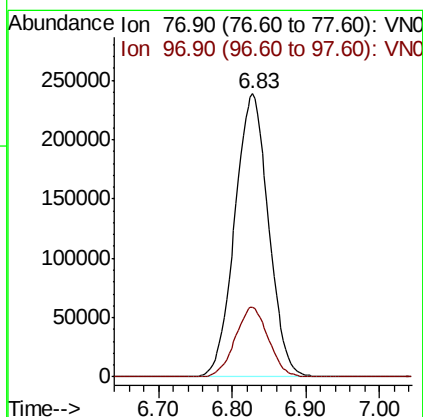
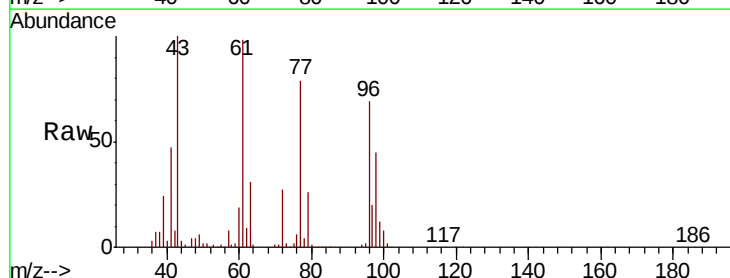
Instrument :
MSVOA_N
ClientSampled :

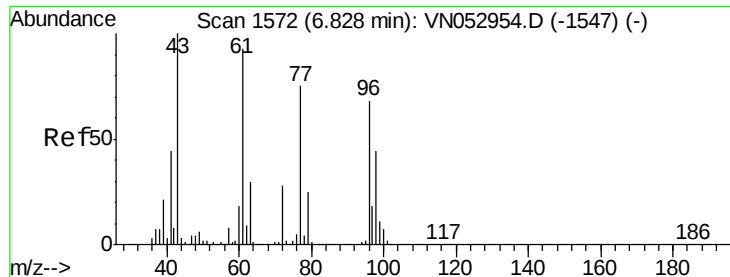
Tot Ion: 43 Resp: 886699
Ion Ratio Lower Upper
43 100
72 27.7 21.0 31.6



#26
2,2-Dichloropropane
Concen: 49.177 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Tgt Ion: 77 Resp: 759593
Ion Ratio Lower Upper
77 100
97 24.2 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 49.054 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Instrument :
MSVOA_N
ClientSampled :

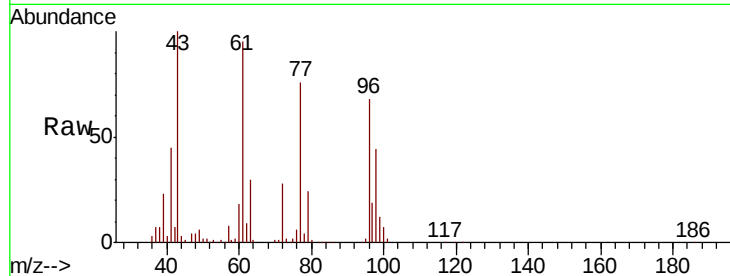
Tot Ion: 96 Resp: 614506

Ion Ratio Lower Upper

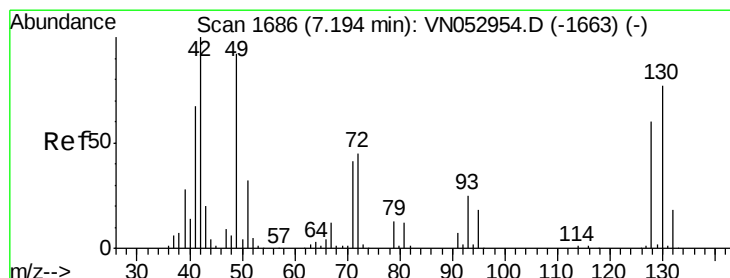
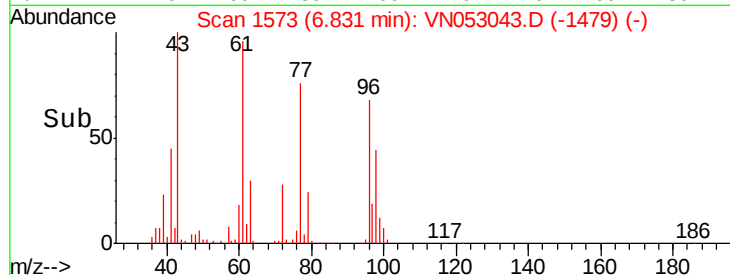
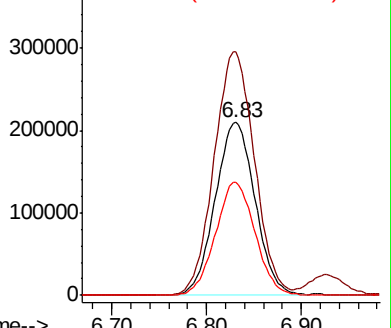
96 100

61 142.5 0.0 284.2

98 65.0 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 50.533 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

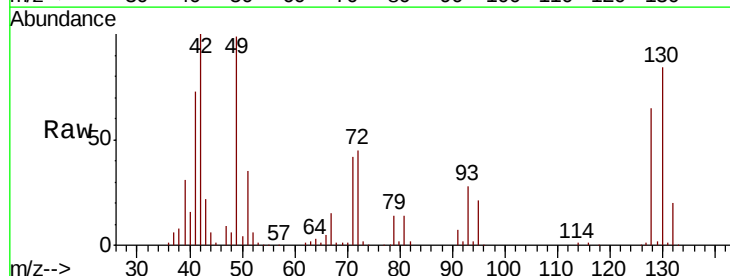
Tgt Ion: 49 Resp: 443069

Ion Ratio Lower Upper

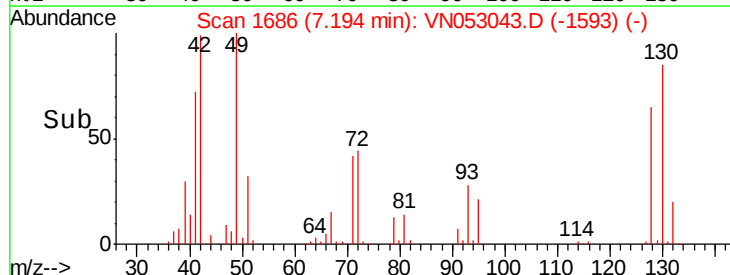
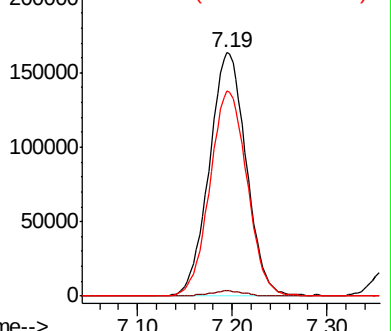
49 100

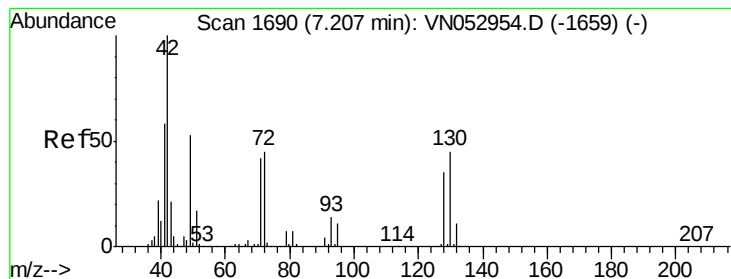
129 1.9 0.0 4.0

130 84.9 63.3 94.9



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 244.104 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

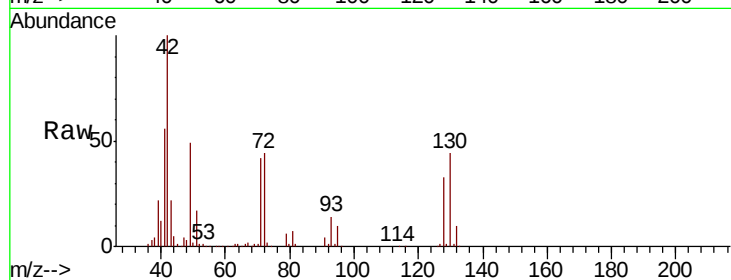
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 42 Resp: 657827

Ion	Ratio	Lower	Upper
42	100		
72	44.2	34.7	52.1
71	41.6	32.3	48.5

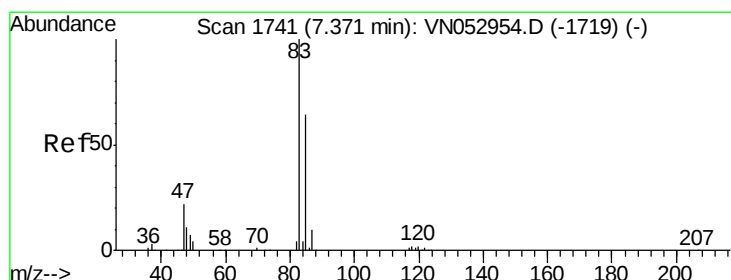
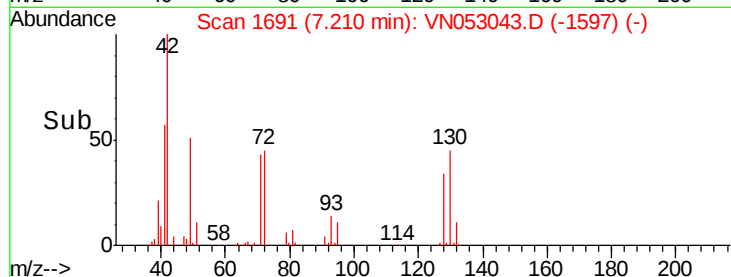
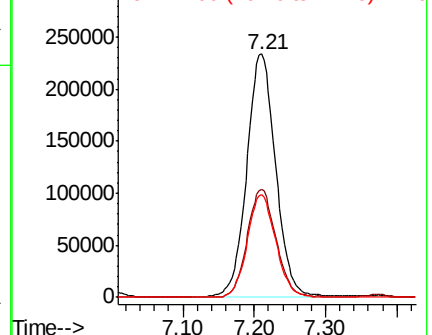


Abundance

Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 49.014 ug/l

RT: 7.37 min Scan# 1741

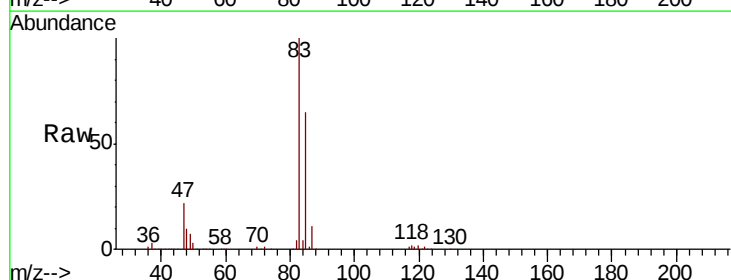
Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Tgt Ion: 83 Resp: 974256

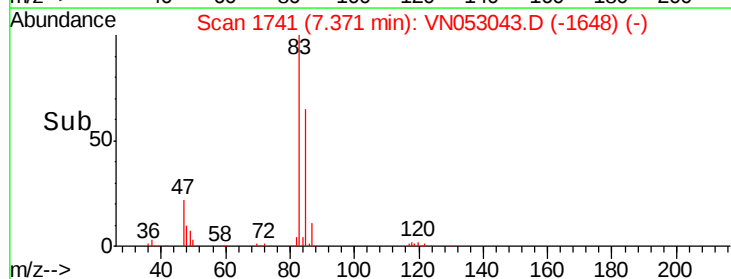
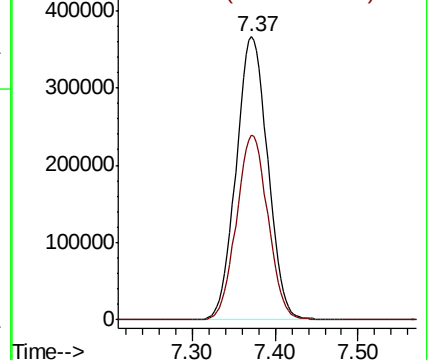
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.1	78.1

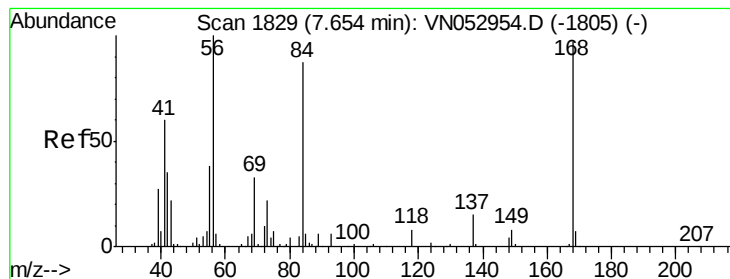


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 50.062 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Instrument :

MSVOA_N

ClientSampleId :

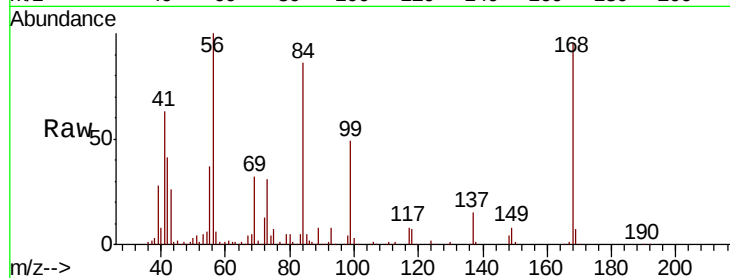
Tot Ion: 56 Resp: 950023

Ion Ratio Lower Upper

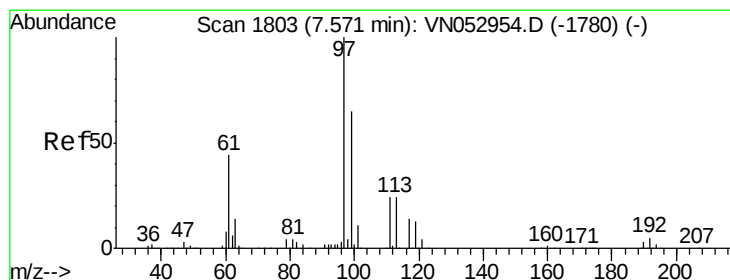
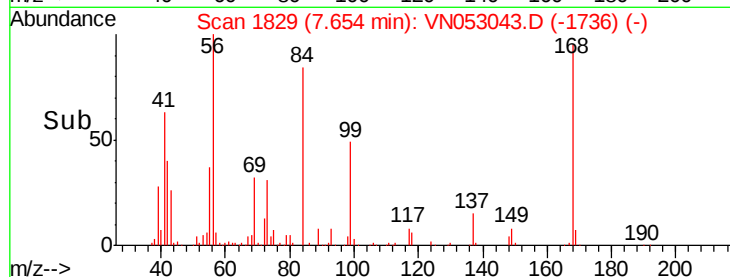
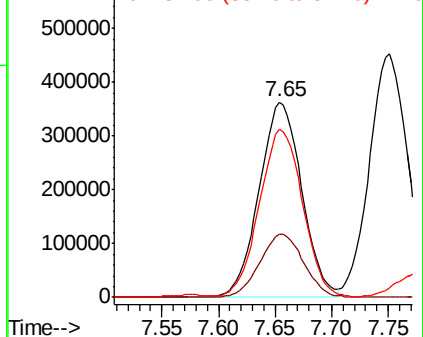
56 100

69 32.4 26.6 39.8

84 84.9 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: 48.132 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

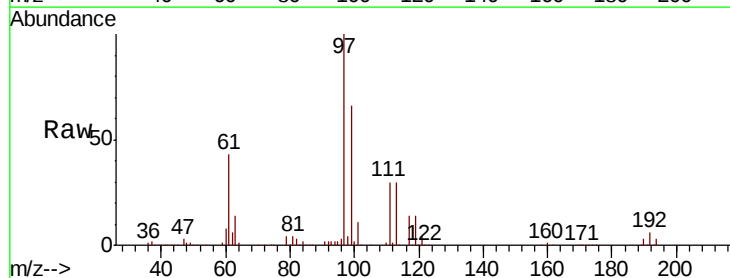
Tgt Ion: 97 Resp: 815019

Ion Ratio Lower Upper

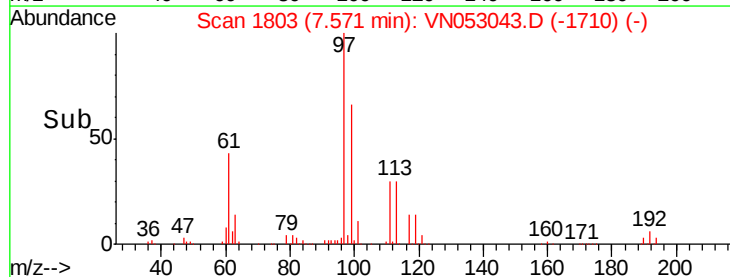
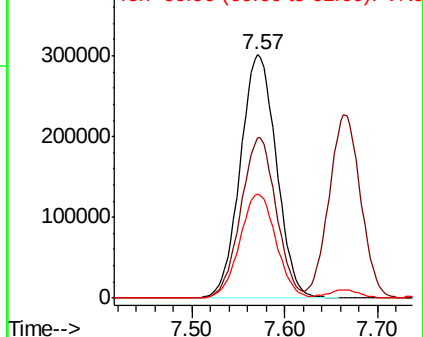
97 100

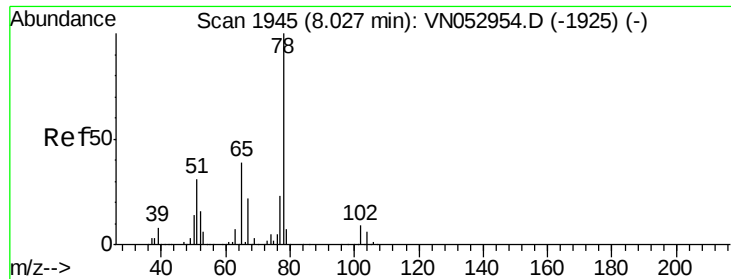
99 64.6 51.1 76.7

61 42.9 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

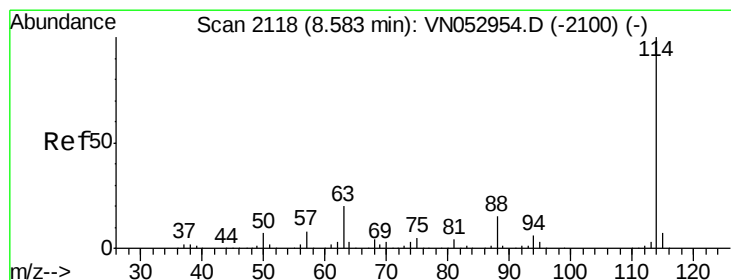
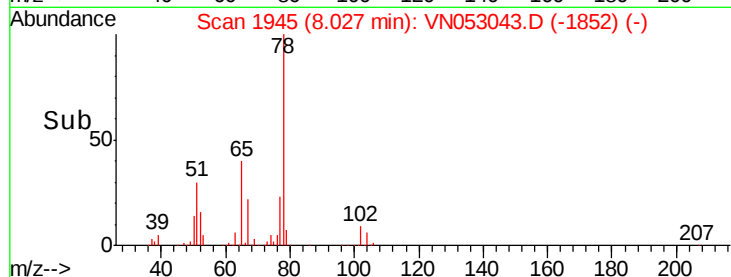
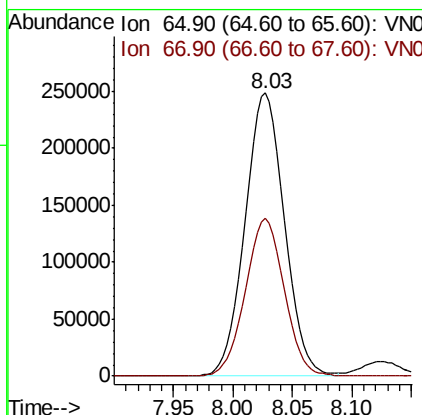
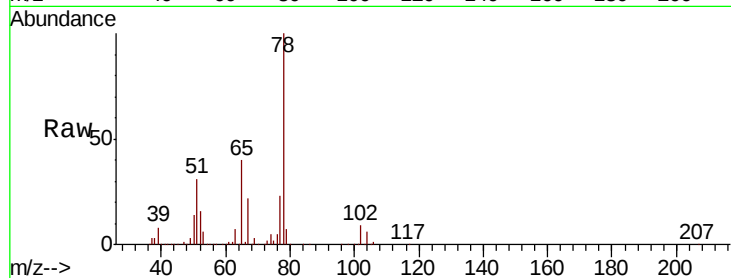




#33
 1,2-Dichloroethane-d4
 Concen: 48.132 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

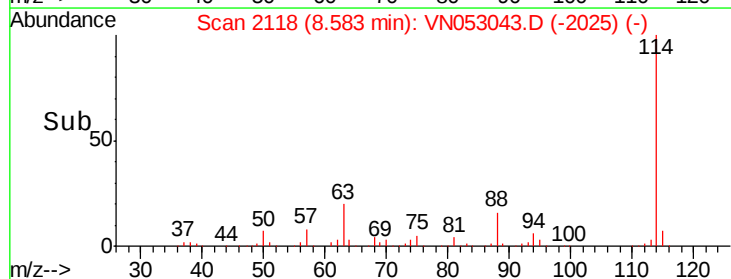
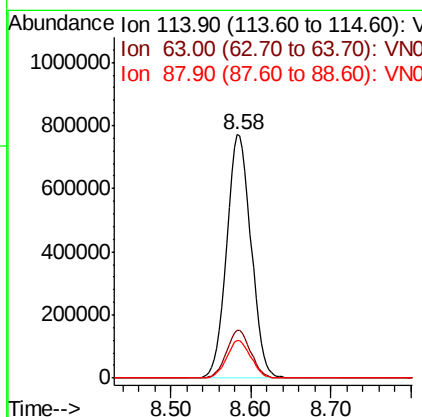
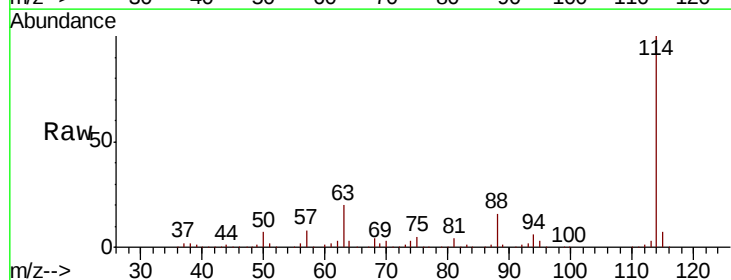
Instrument :
 MSVOA_N
 ClientSampled :

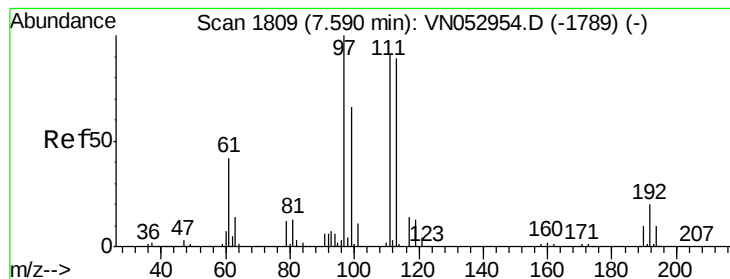
Tot Ion: 65 Resp: 570369
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

Tgt Ion: 114 Resp: 1600267
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Instrument :

MSVOA_N

ClientSampleId :

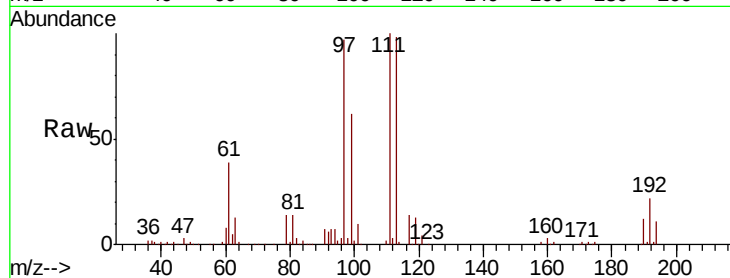
Tot Ion:113 Resp: 460937

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.4

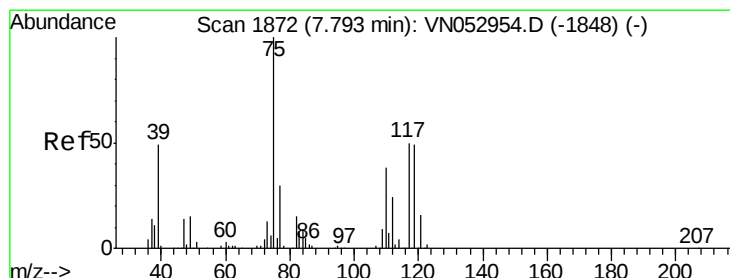
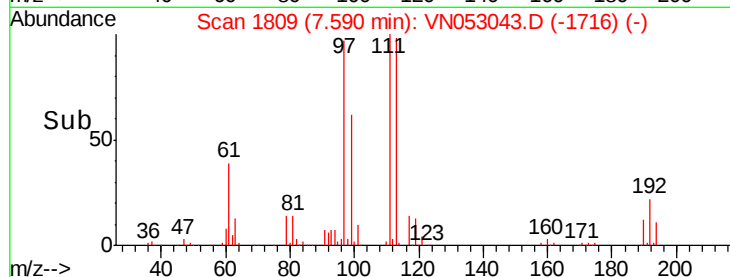
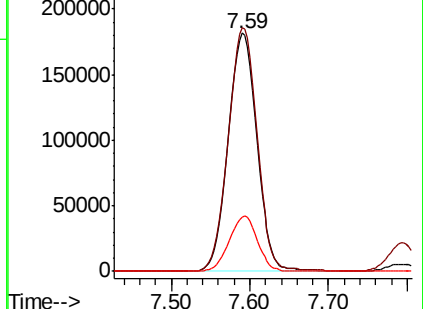
192 22.7 17.5 26.3



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: 50.574 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

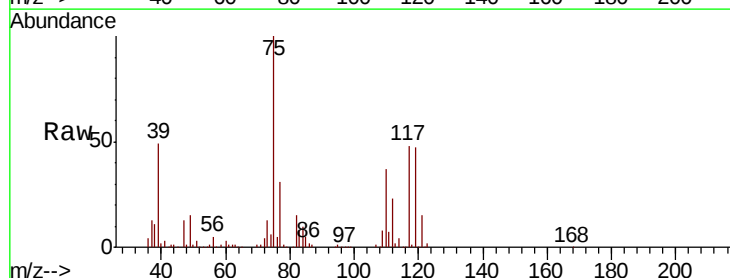
Tgt Ion: 75 Resp: 776812

Ion Ratio Lower Upper

75 100

110 36.6 18.2 54.6

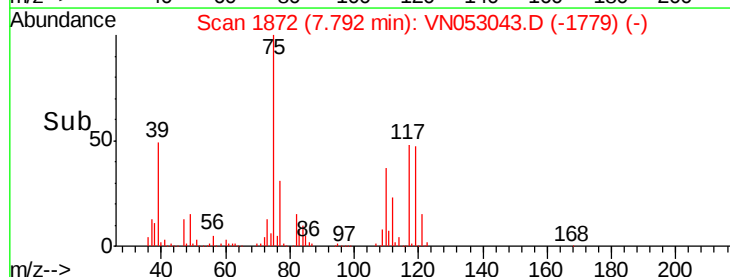
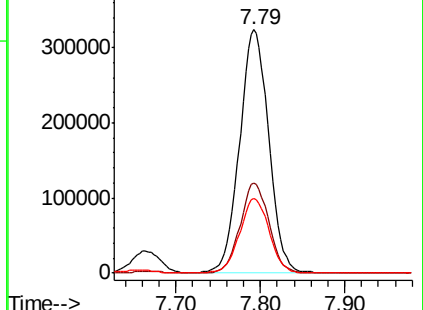
77 31.4 24.9 37.3

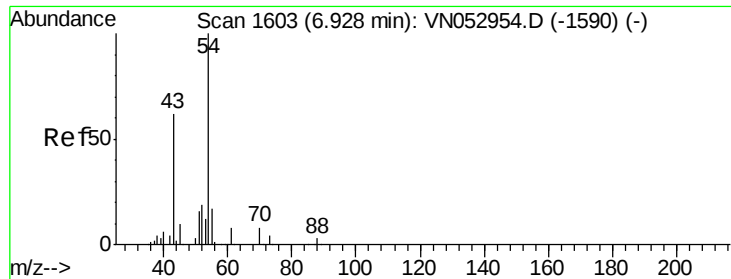


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

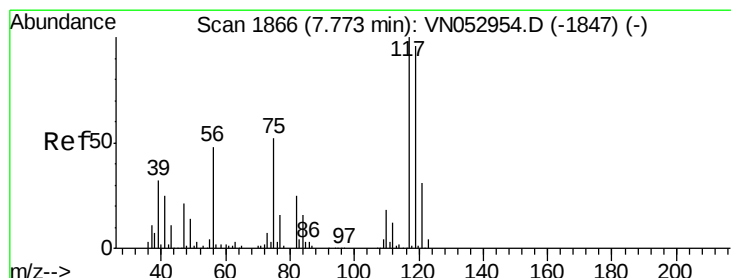
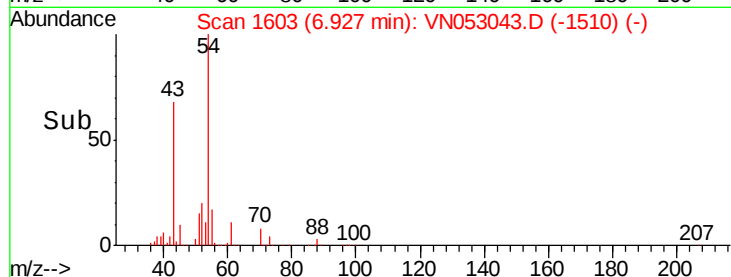
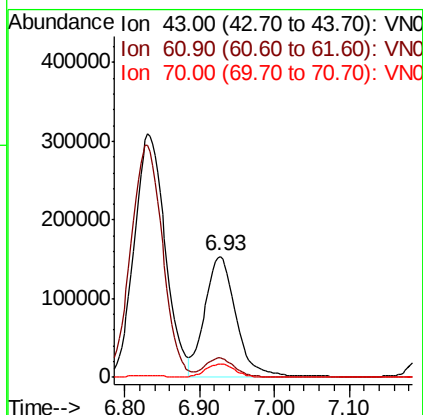
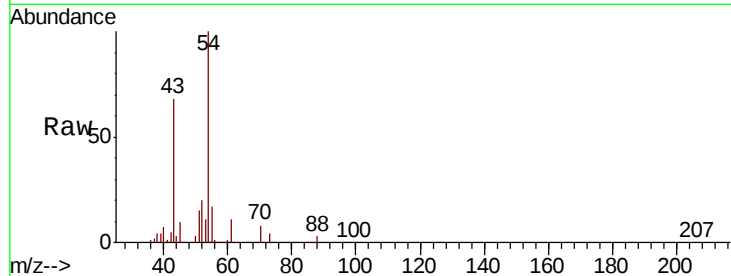




#37
Ethyl Acetate
Concen: 51.600 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

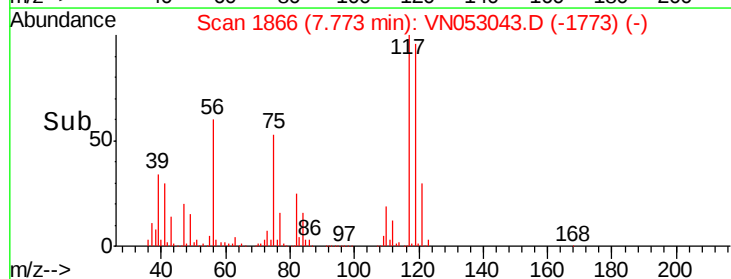
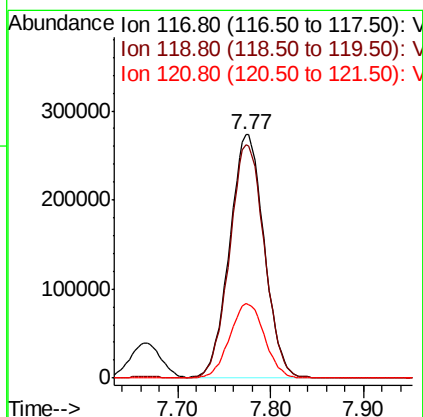
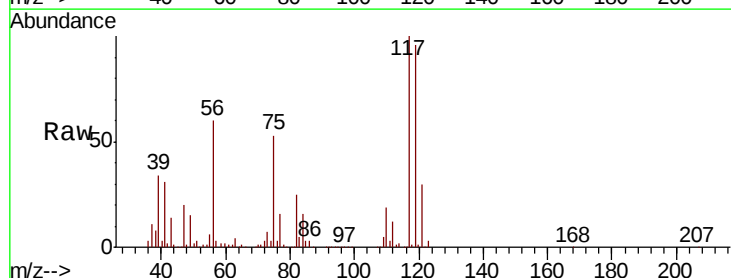
Instrument :
MSVOA_N
ClientSampled :

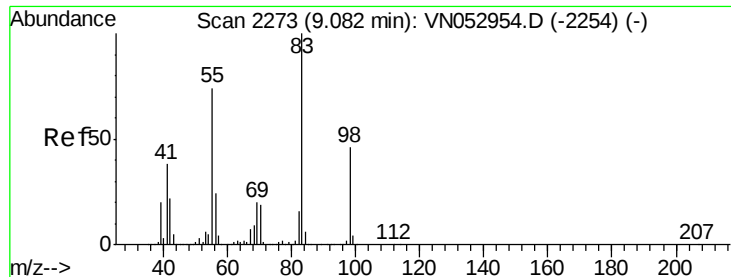
Tot Ion: 43 Resp: 442447
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 10.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 50.093 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Tgt Ion: 117 Resp: 705237
Ion Ratio Lower Upper
117 100
119 95.9 77.1 115.7
121 30.5 24.9 37.3

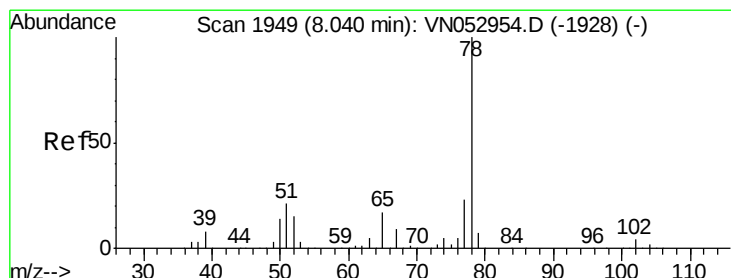
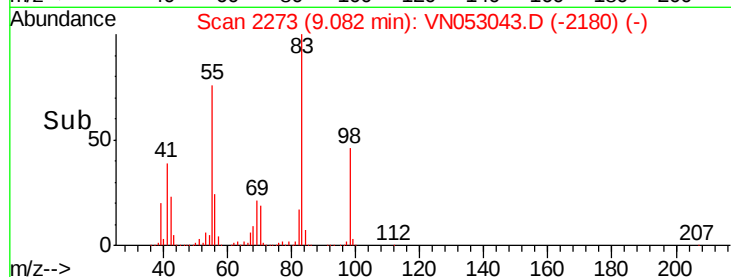
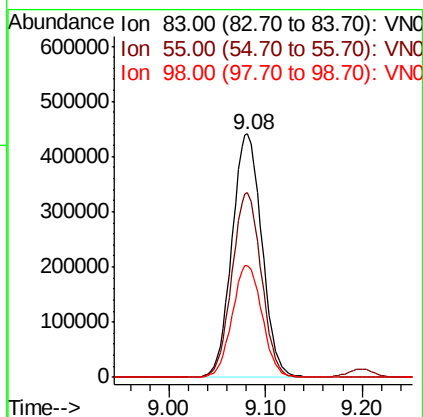
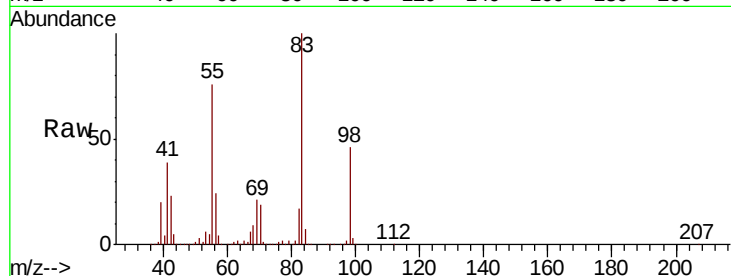




#39
Methvlcvclohexane
Concen: 50.654 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

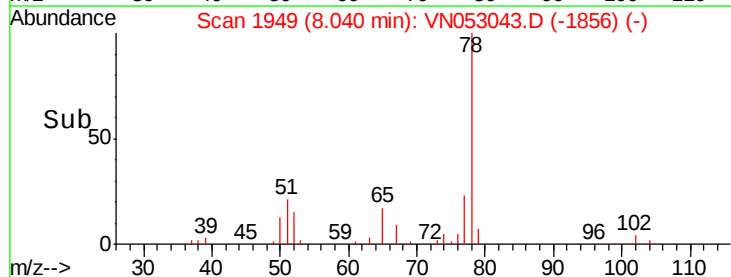
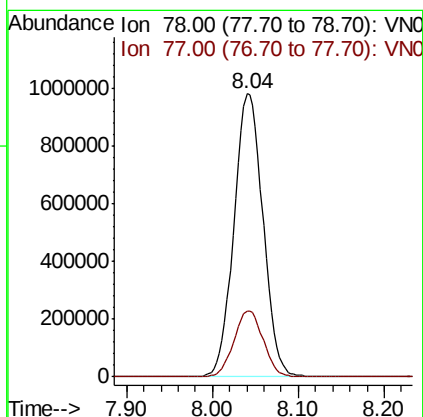
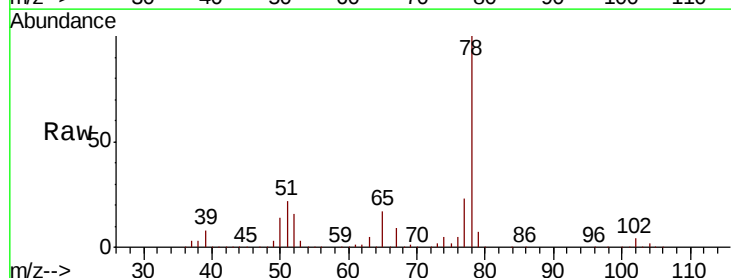
Instrument :
MSVOA_N
ClientSampleId :

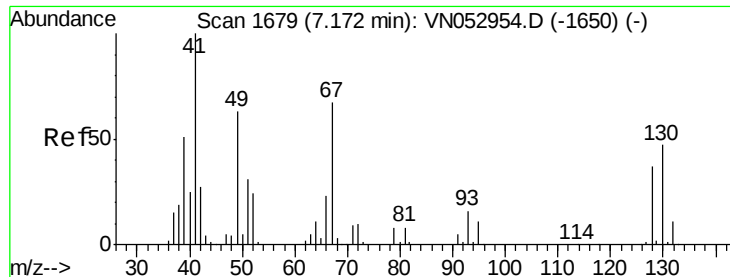
Tot Ion: 83 Resp: 945157
Ion Ratio Lower Upper
83 100
55 75.8 61.3 91.9
98 46.1 37.0 55.4



#40
Benzene
Concen: 50.404 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Tgt Ion: 78 Resp: 2302841
Ion Ratio Lower Upper
78 100
77 23.2 18.5 27.7

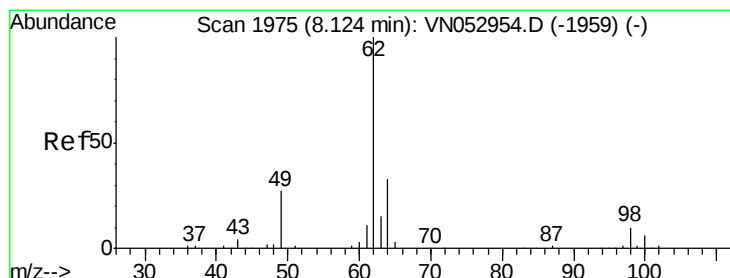
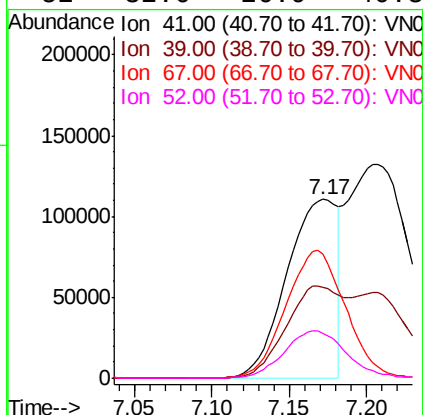
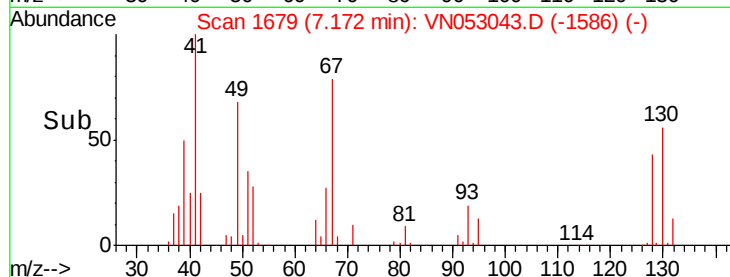
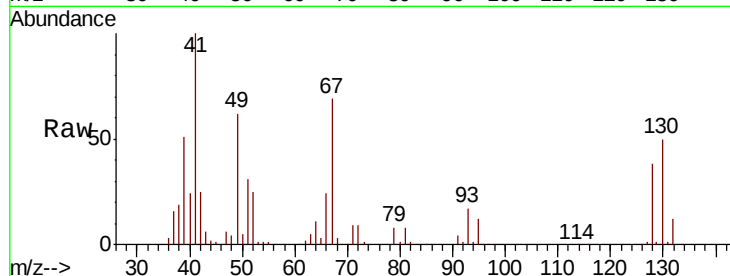




#41
Methacrylonitrile
Concen: 50.345 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

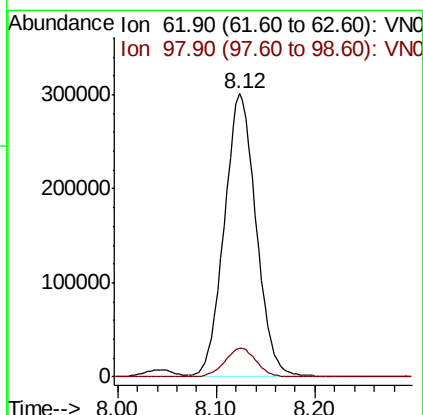
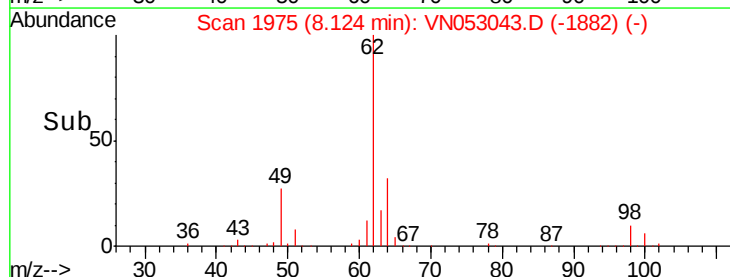
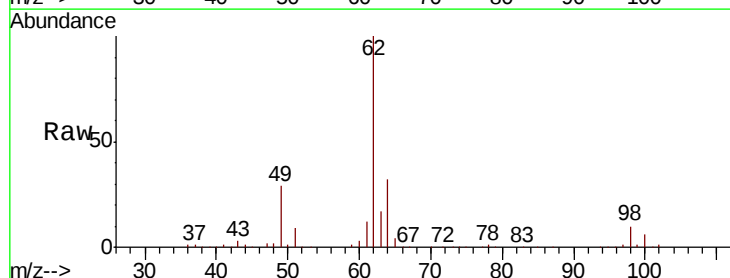
Instrument :
MSVOA_N
ClientSampled :

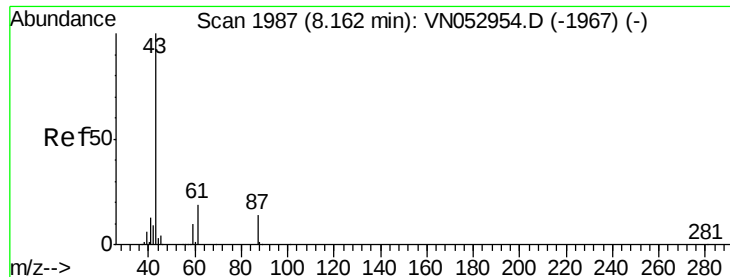
Tot Ion: 41 Resp: 249423
Ion Ratio Lower Upper
41 100
39 62.7 48.0 72.0
67 84.9 70.3 105.5
52 32.6 26.9 40.3



#42
1,2-Dichloroethane
Concen: 50.149 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Tgt Ion: 62 Resp: 676853
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.0





#43

Isopropyl Acetate

Concen: 49.146 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Instrument :

MSVOA_N

ClientSampleId :

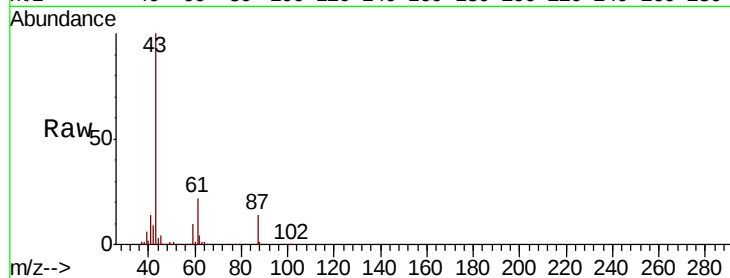
Tot Ion: 43 Resp: 815788

Ion Ratio Lower Upper

43 100

61 30.4 22.9 34.3

87 13.6 10.6 15.8

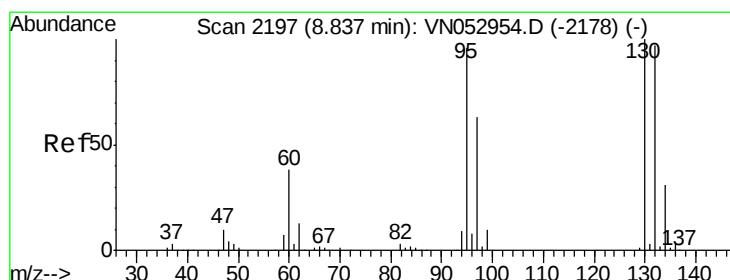
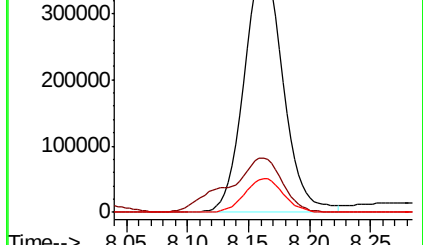
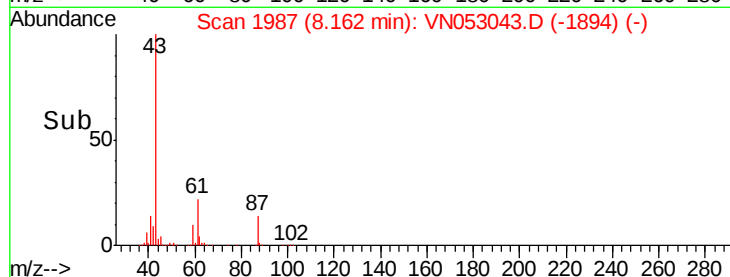


Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-1967) (-)

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

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

Time-->



#44

Trichloroethene

Concen: 49.605 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN053043.D

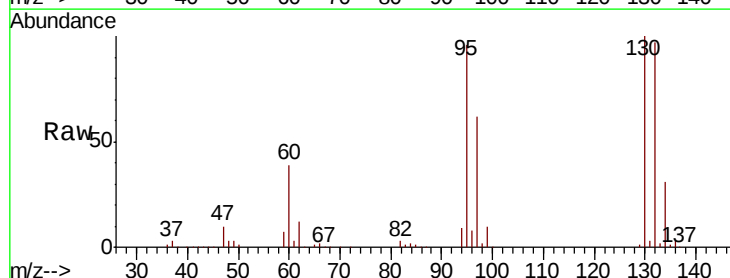
Acq: 20 Dec 2018 9:08

Tgt Ion: 130 Resp: 655516

Ion Ratio Lower Upper

130 100

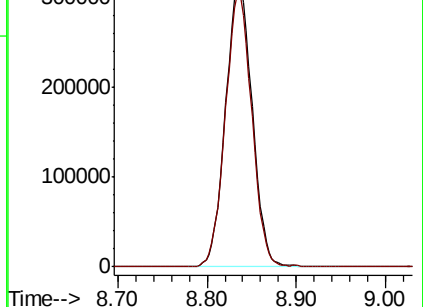
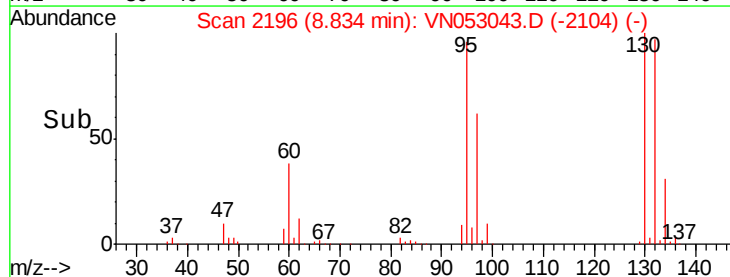
95 95.9 0.0 197.8

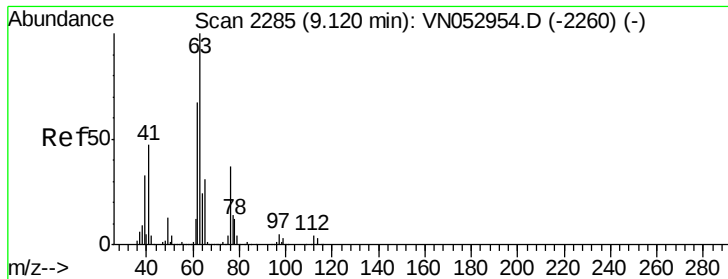


Abundance Ion 129.80 (129.50 to 130.50): VN052954.D (-2178) (-)

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

Time-->

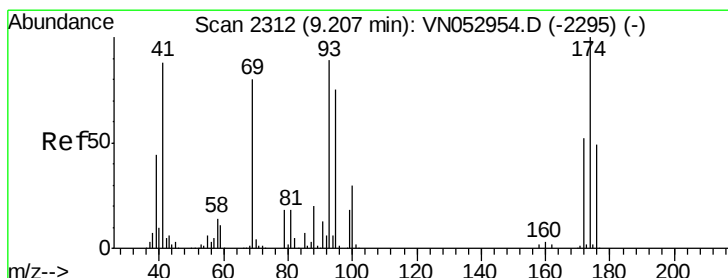
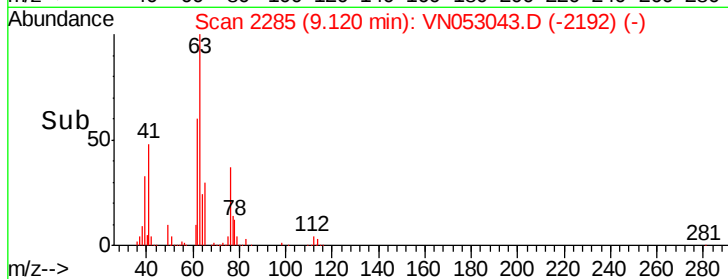
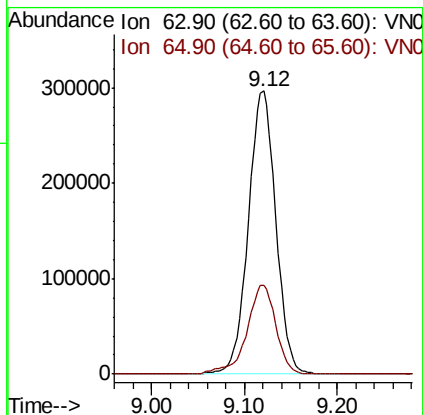
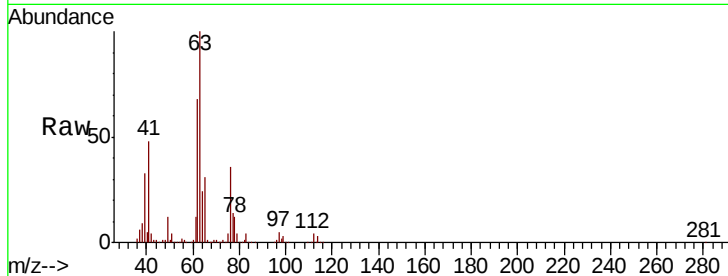




#45
 1,2-Dichloropropane
 Concen: 51.226 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

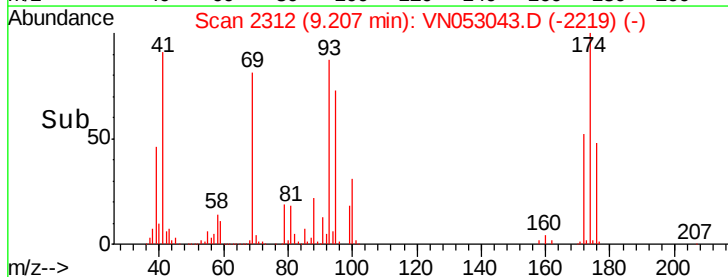
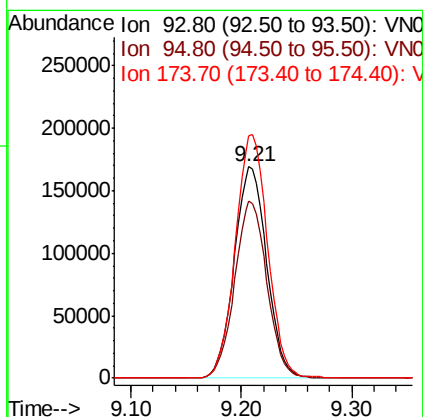
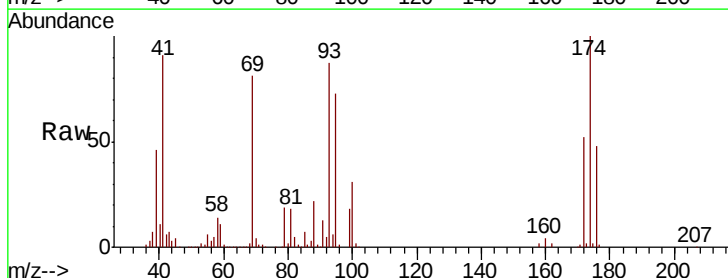
Instrument :
 MSVOA_N
 ClientSampleId :

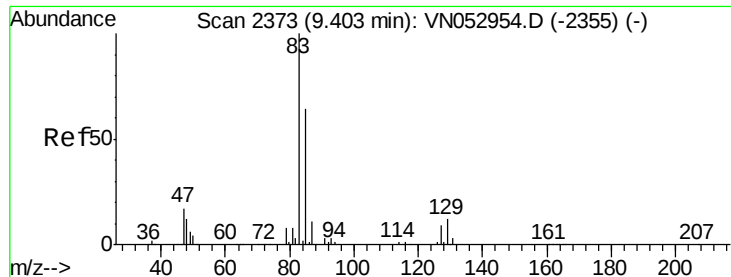
Tot Ion: 63 Resp: 609600
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.6 37.0



#46
 Dibromomethane
 Concen: 49.828 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

Tgt Ion: 93 Resp: 345428
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.8 101.6
 174 114.8 89.0 133.4

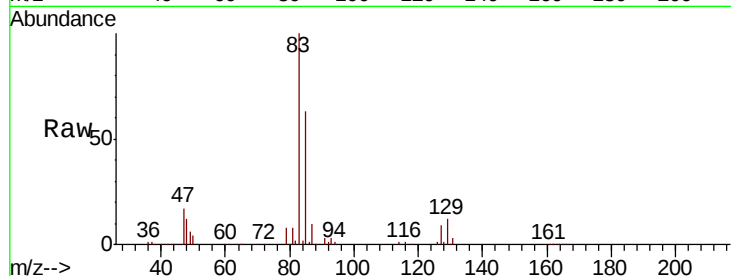




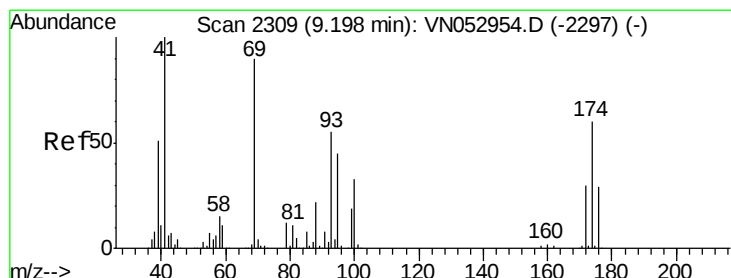
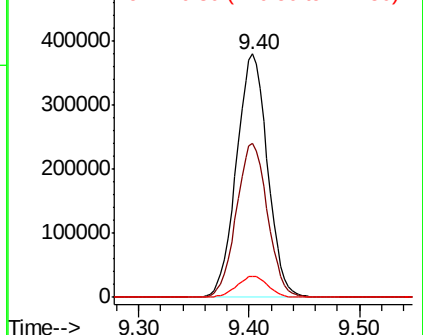
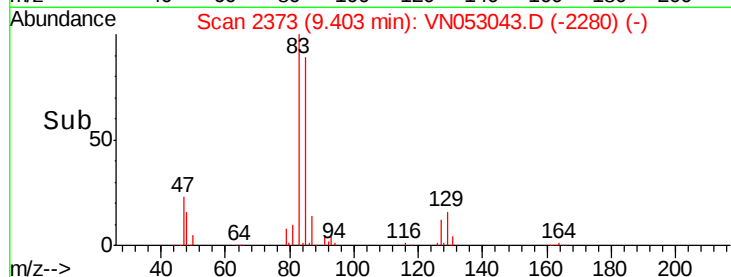
#47
Bromodichloromethane
Concen: 50.376 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	83	Resp	742337
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.6	77.4
127	8.7	7.1	10.7

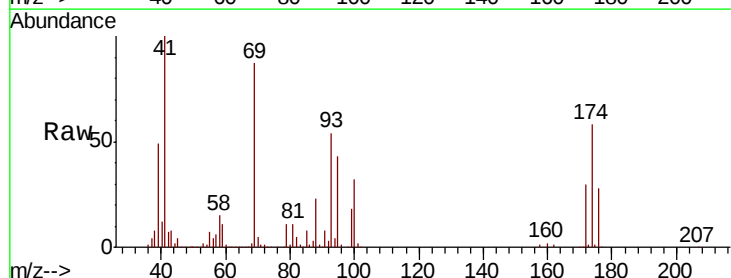


Abundance Ion 82.90 (82.60 to 83.60): VN053043.D (-2280) (-)
Ion 84.90 (84.60 to 85.60): VN053043.D (-2280) (-)
Ion 126.80 (126.50 to 127.50): VN053043.D (-2280) (-)

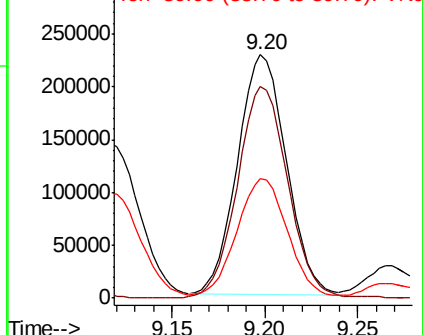
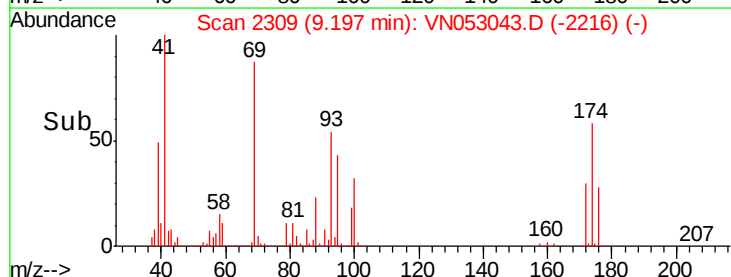


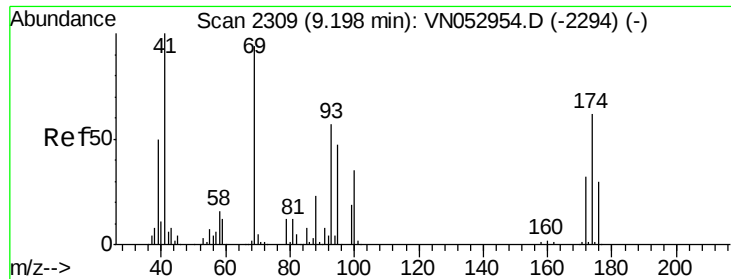
#48
Methyl methacrylate
Concen: 49.914 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Tgt Ion	41	Resp	415313
Ion	Ratio	Lower	Upper
41	100		
69	90.9	72.2	108.2
39	52.2	41.9	62.9



Abundance Ion 41.00 (40.70 to 41.70): VN053043.D (-2216) (-)
Ion 69.00 (68.70 to 69.70): VN053043.D (-2216) (-)
Ion 39.00 (38.70 to 39.70): VN053043.D (-2216) (-)



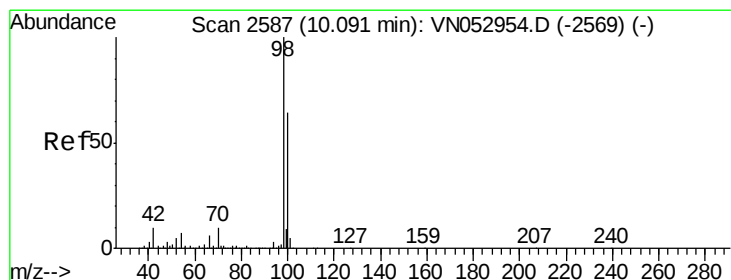
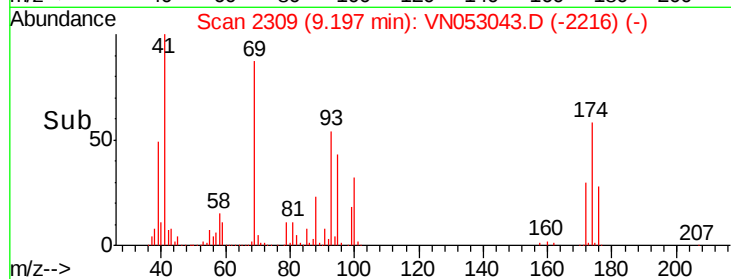
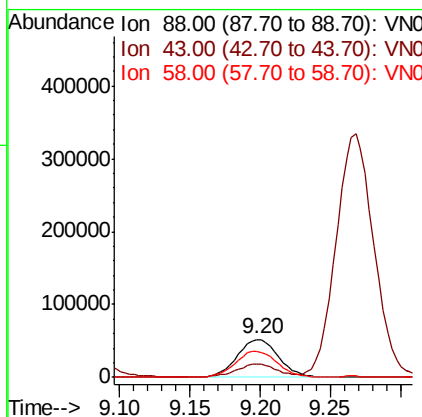
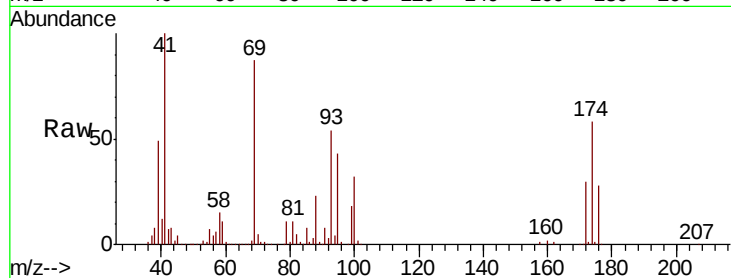


#49
 1,4-Dioxane
 Concen: 1023.999 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 107777

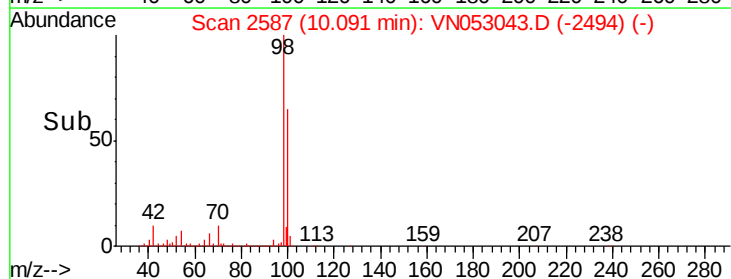
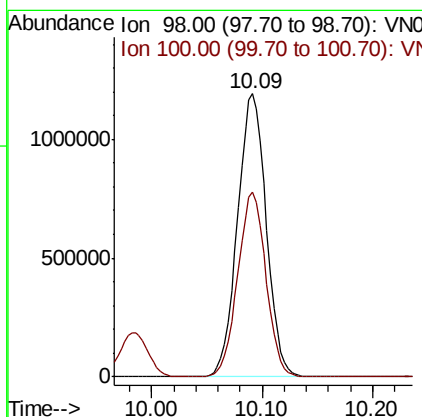
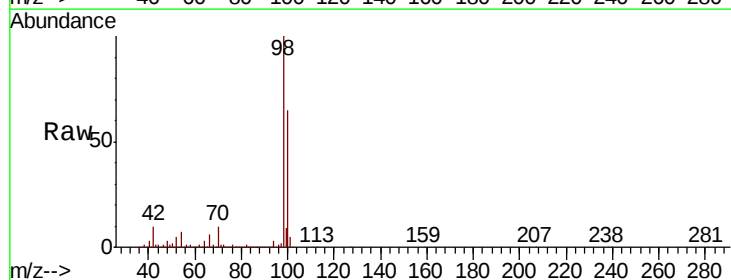
Ion	Ratio	Lower	Upper
88	100		
43	31.9	26.6	40.0
58	68.7	58.4	87.6

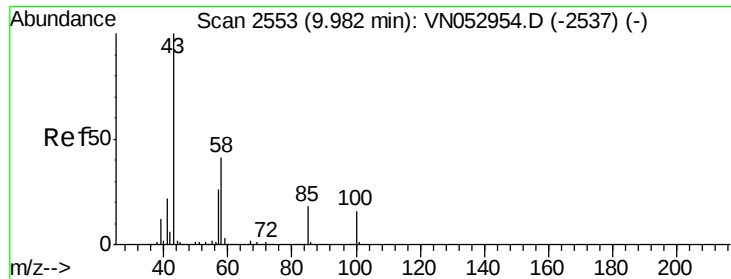


#50
 Toluene-d8
 Concen: 1023.999 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

Tgt Ion: 98 Resp: 2147861

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4

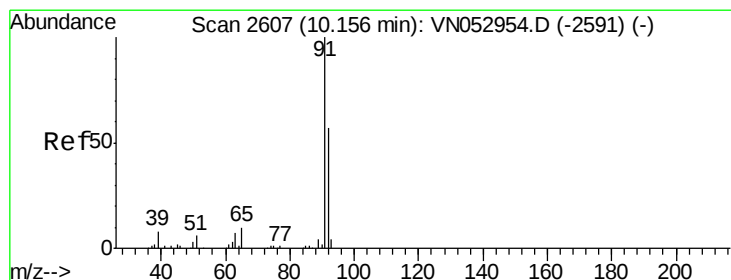
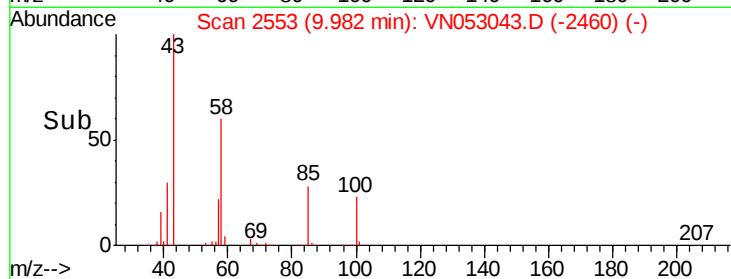
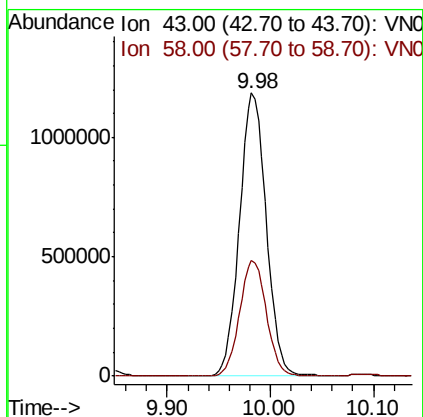
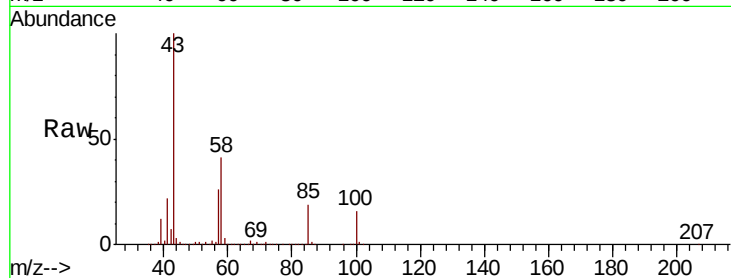




#51
 4-Methyl-2-Pentanone
 Concen: 257.862 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

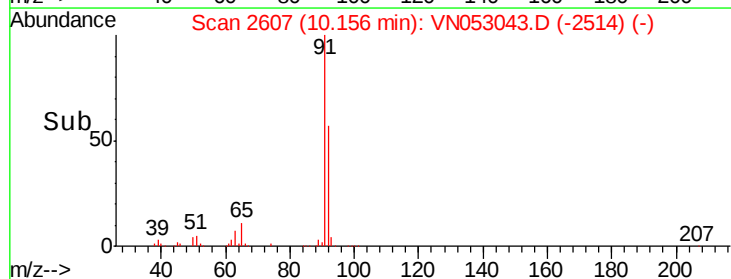
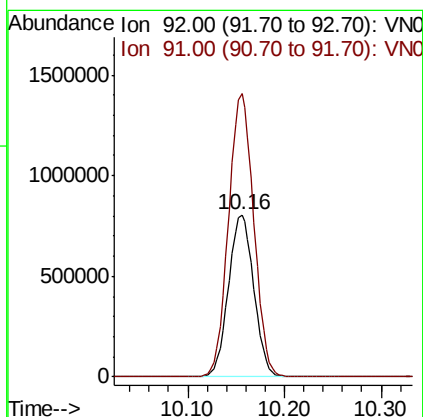
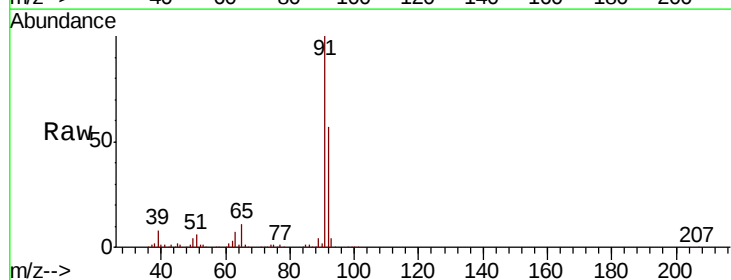
Instrument :
 MSVOA_N
 ClientSampled :

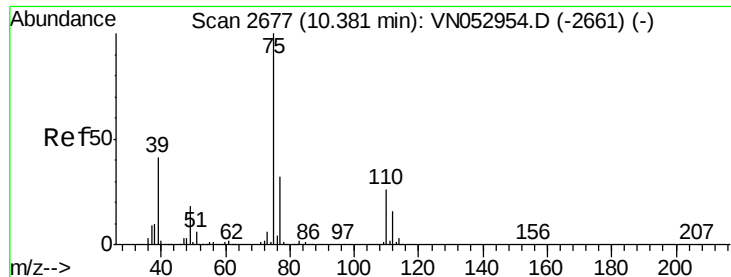
Tot Ion: 43 Resp: 2141240
 Ion Ratio Lower Upper
 43 100
 58 41.0 32.2 48.4



#52
 Toluene
 Concen: 51.584 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

Tgt Ion: 92 Resp: 1460763
 Ion Ratio Lower Upper
 92 100
 91 174.6 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 49.615 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Instrument :

MSVOA_N

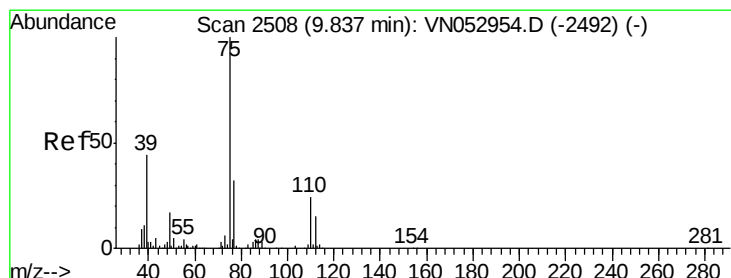
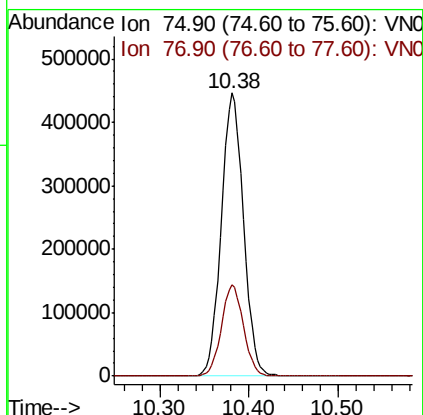
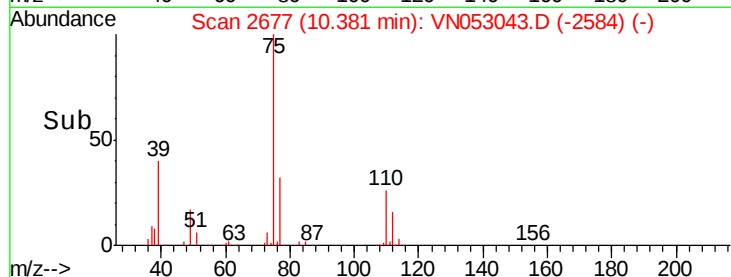
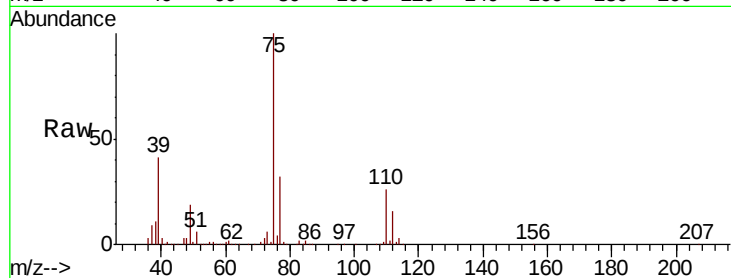
ClientSampled :

Tot Ion: 75 Resp: 768814

Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 50.965 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

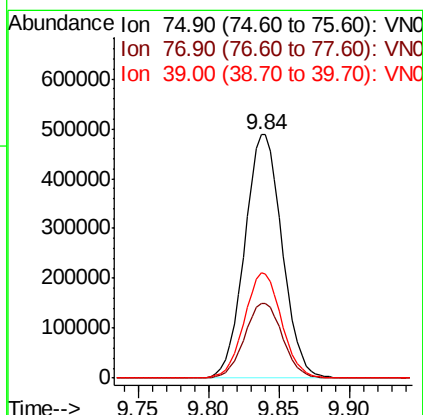
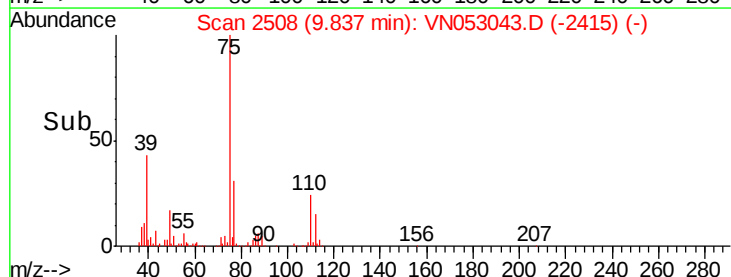
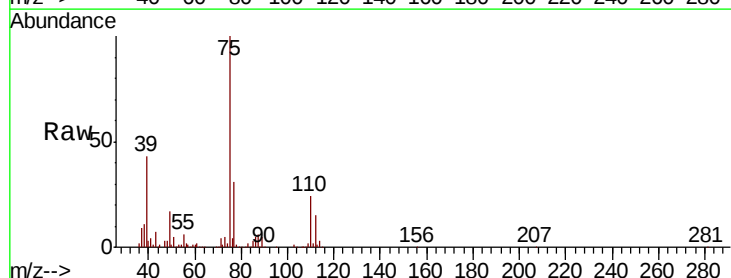
Tgt Ion: 75 Resp: 906470

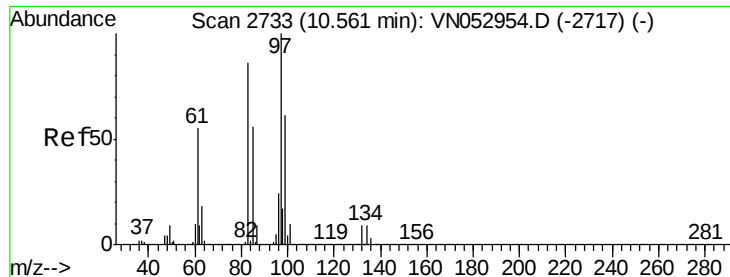
Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.8

39 43.1 34.8 52.2

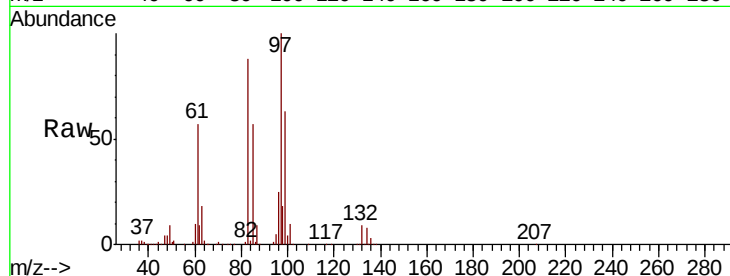




#55
 1,1,2-Trichloroethane
 Concen: 50.710 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	500987
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.9	106.3
85	57.0	45.4	68.2
99	63.2	50.4	75.6



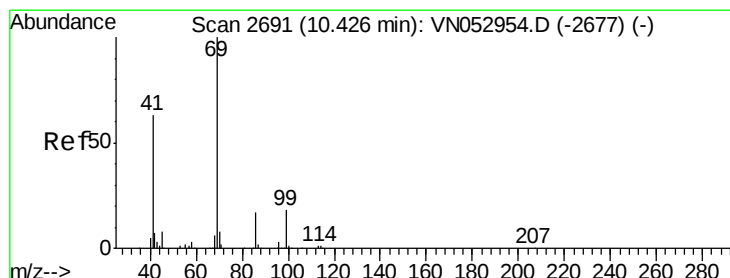
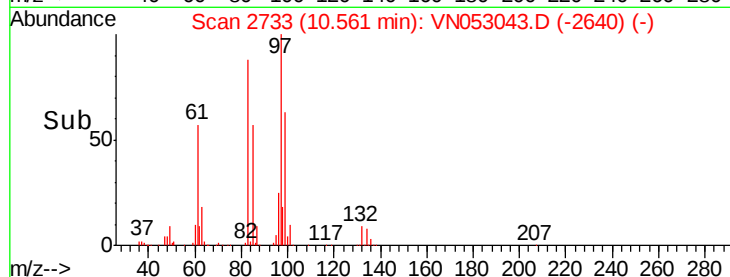
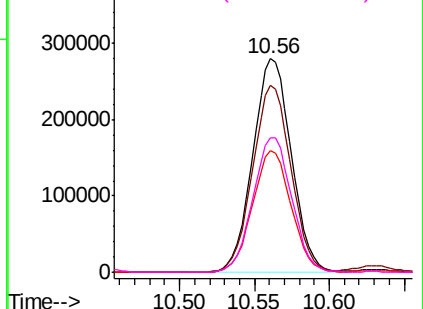
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

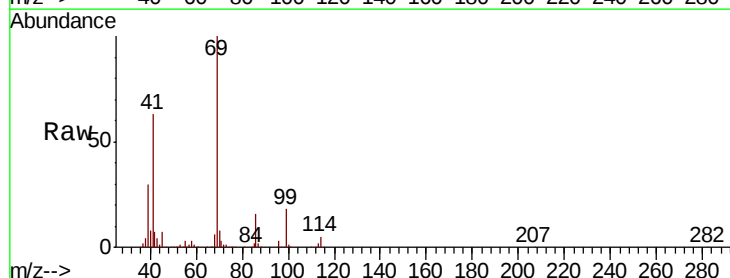
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 51.118 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

Tgt Ion:	69	Resp:	668438
Ion	Ratio	Lower	Upper
69	100		
41	63.0	51.7	77.5
39	29.9	24.6	37.0

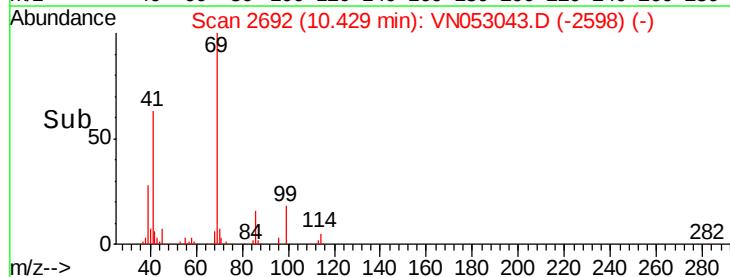
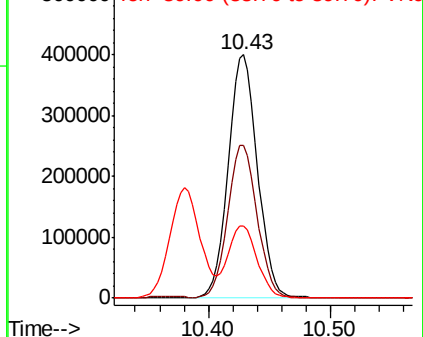


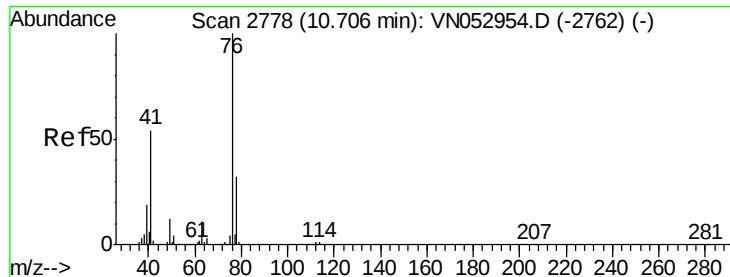
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 51.005 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Instrument :

MSVOA_N

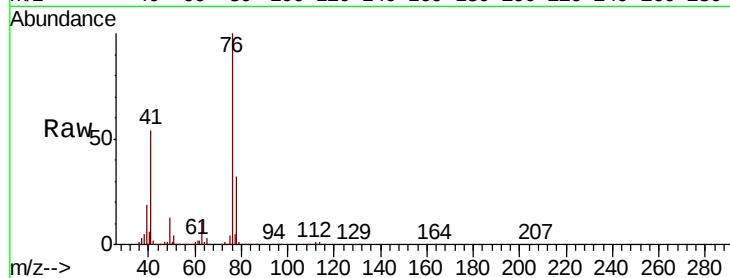
ClientSampled :

Tot Ion: 76 Resp: 864093

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

500000

400000

300000

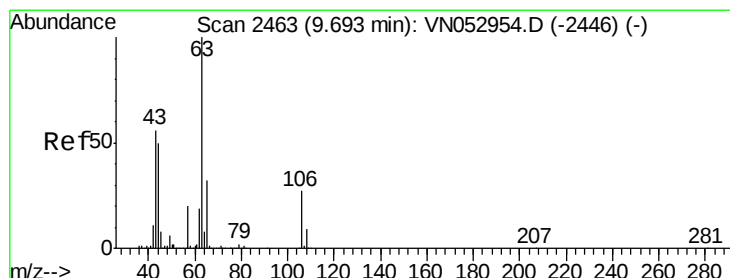
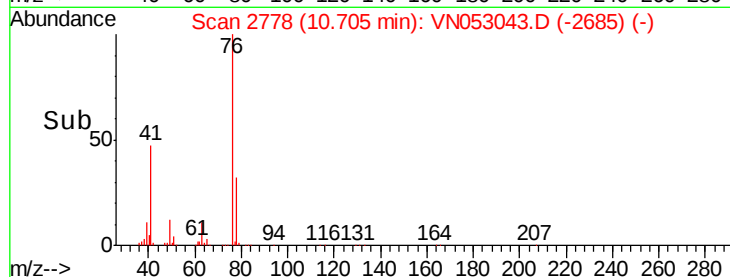
200000

100000

0

Time-->

10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 254.465 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN053043.D

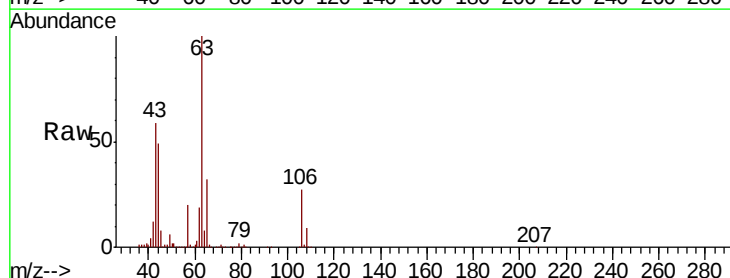
Acq: 20 Dec 2018 9:08

Tgt Ion: 63 Resp: 1826765

Ion Ratio Lower Upper

63 100

106 27.1 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

1200000

1000000

800000

600000

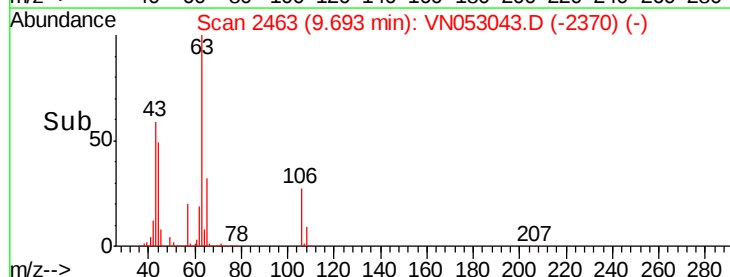
400000

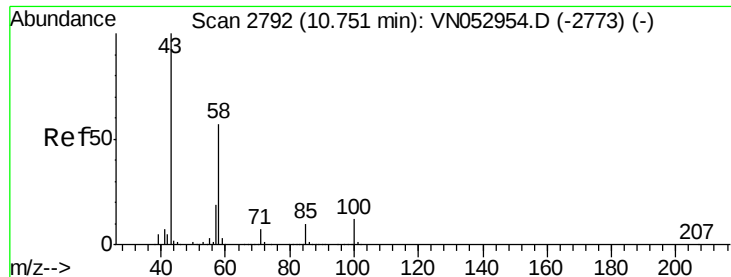
200000

0

Time-->

9.60 9.70 9.80

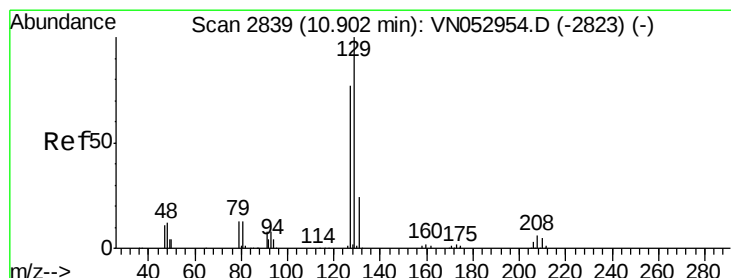
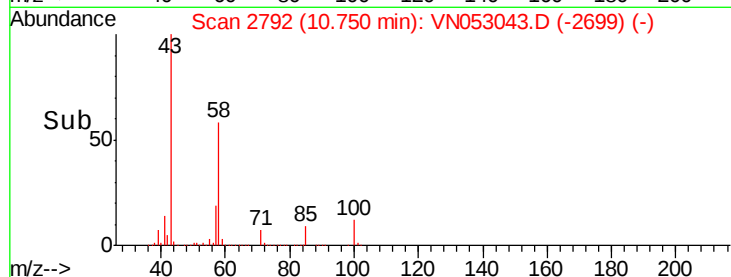
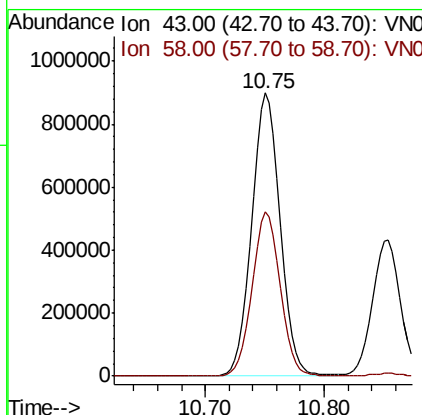
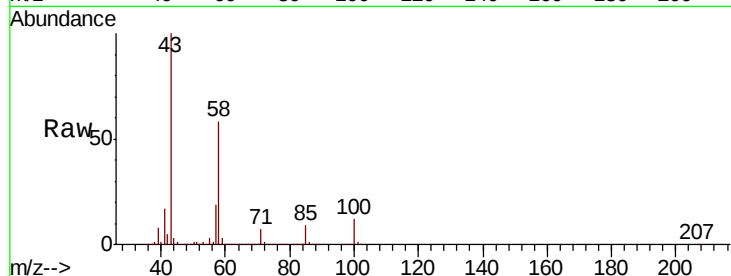




#59
2-Hexanone
Concen: 263.947 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

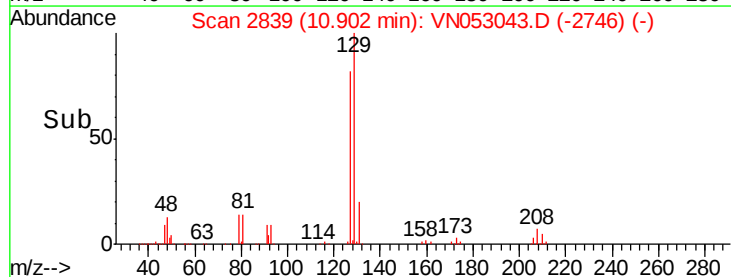
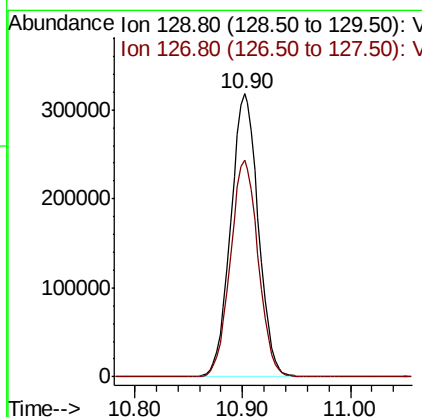
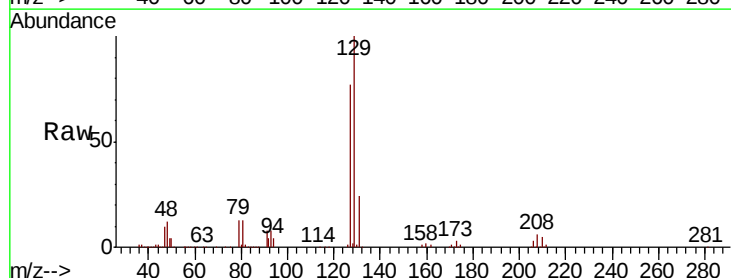
Instrument :
MSVOA_N
ClientSampled :

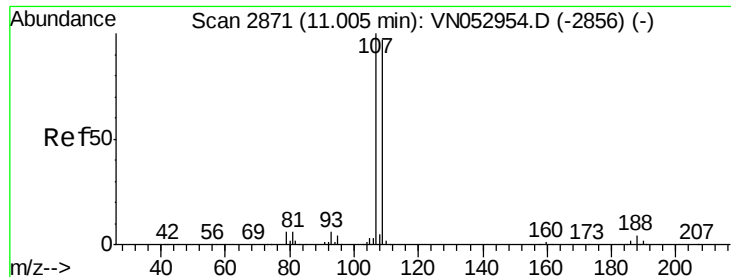
Tot Ion: 43 Resp: 1482913
Ion Ratio Lower Upper
43 100
58 57.6 28.1 84.3



#60
Dibromochloromethane
Concen: 50.107 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Tgt Ion: 129 Resp: 566641
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0

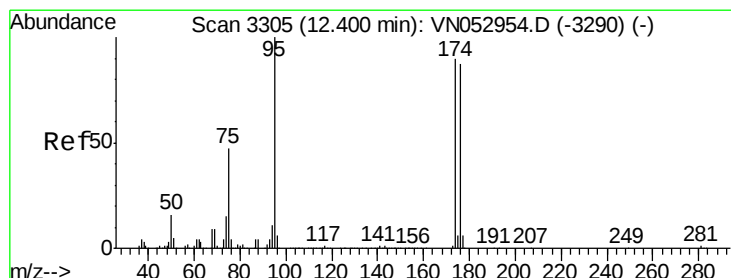
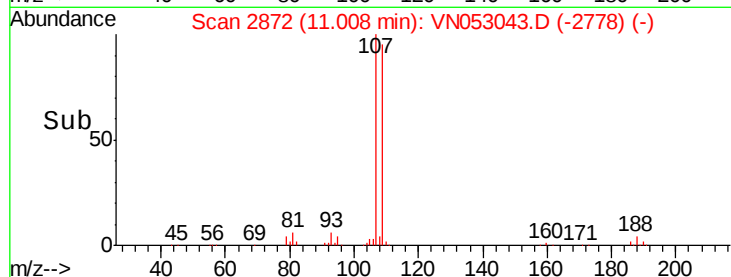
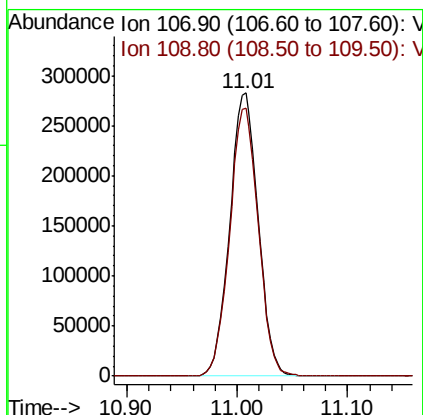
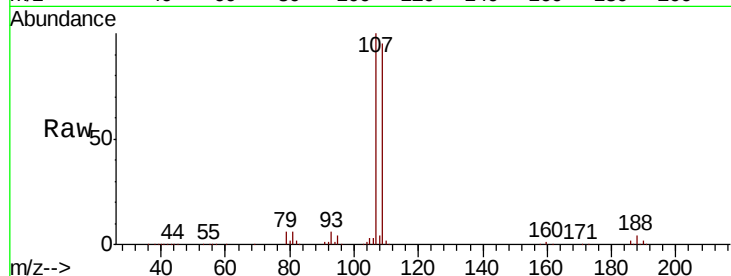




#61
 1,2-Dibromoethane
 Concen: 50.404 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

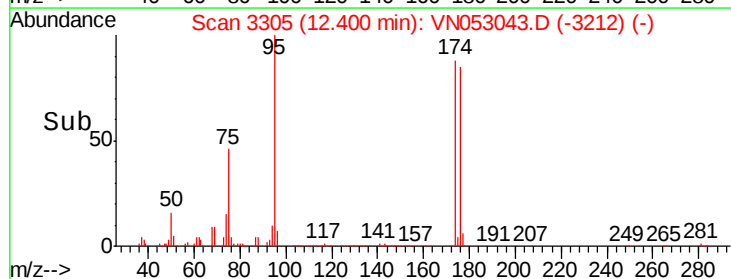
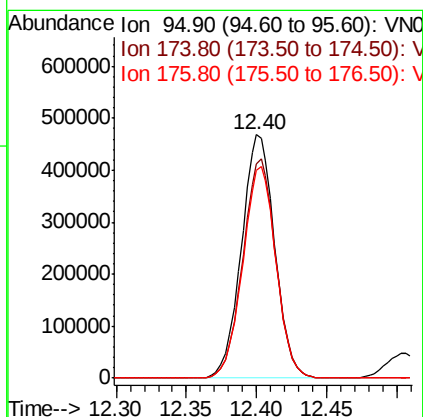
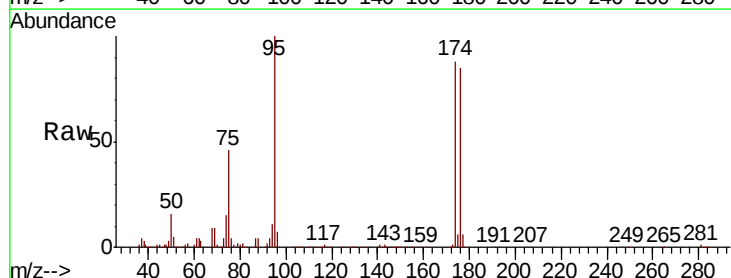
Instrument :
 MSVOA_N
 ClientSampled :

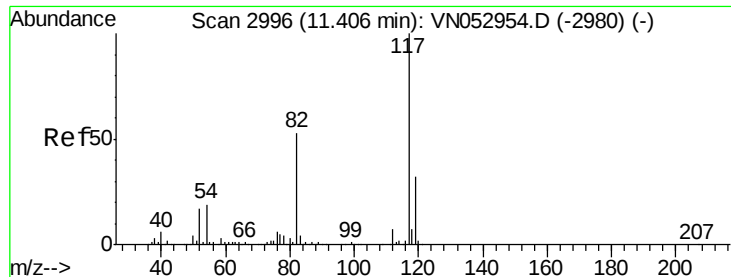
Tot Ion: 107 Resp: 505735
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.404 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

Tgt Ion: 95 Resp: 770792
 Ion Ratio Lower Upper
 95 100
 174 89.5 0.0 178.8
 176 86.9 0.0 173.8

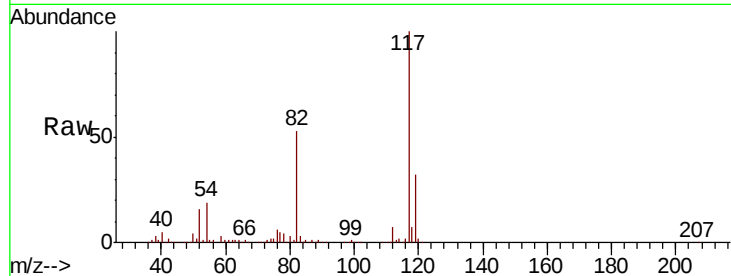




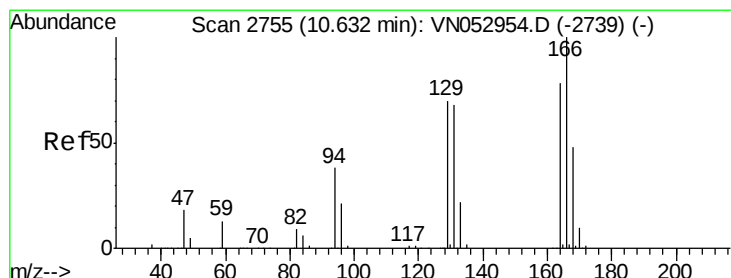
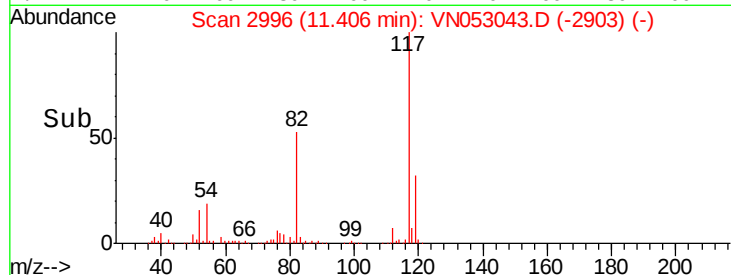
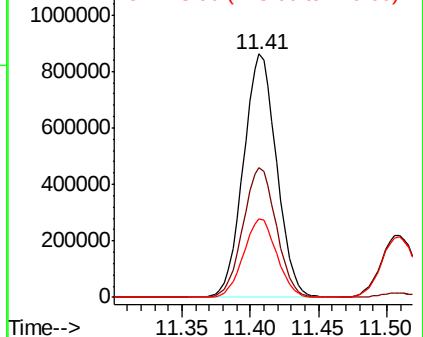
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1453014
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.3 25.5 38.3

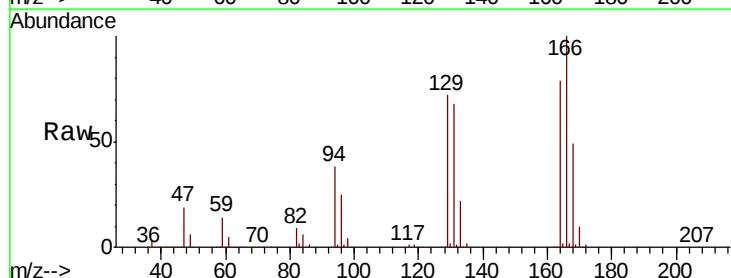


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

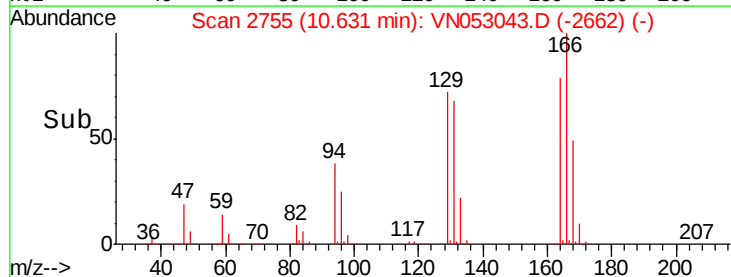
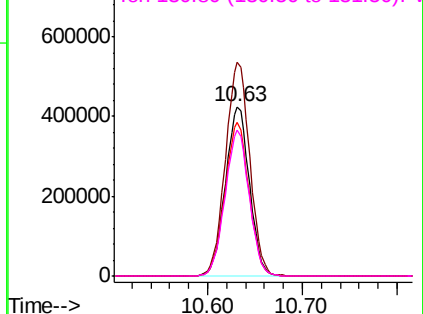


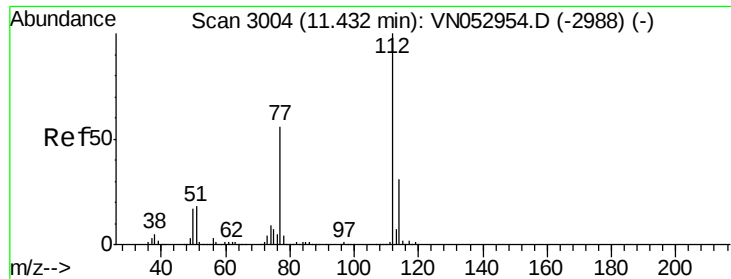
#64
Tetrachloroethene
Concen: 47.377 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Tgt Ion:164 Resp: 745682
Ion Ratio Lower Upper
164 100
166 126.1 102.9 154.3
129 90.6 73.7 110.5
131 86.0 70.7 106.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 50.570 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Instrument :

MSVOA_N

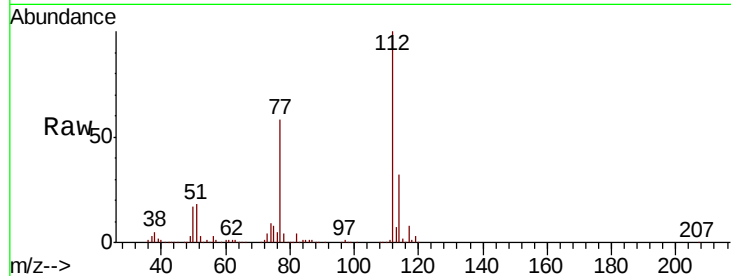
ClientSampled :

Tot Ion:112 Resp: 1628816

Ion Ratio Lower Upper

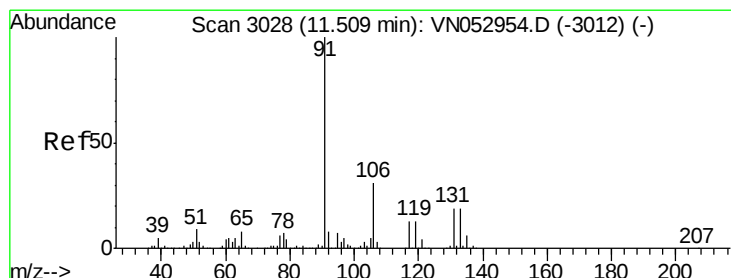
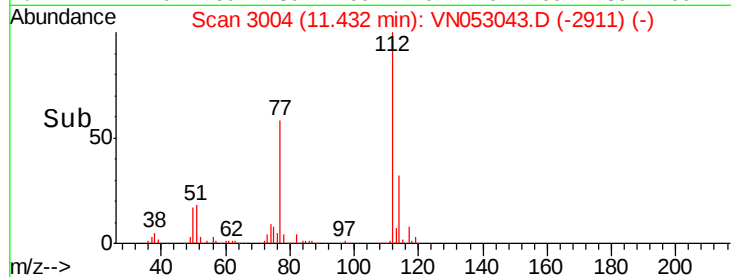
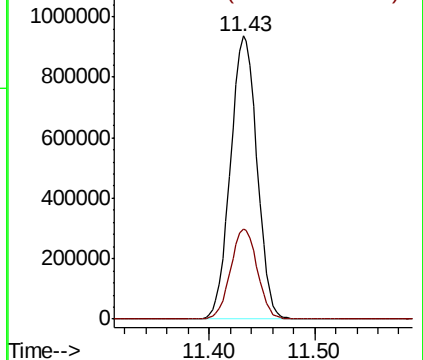
112 100

114 32.0 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.974 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

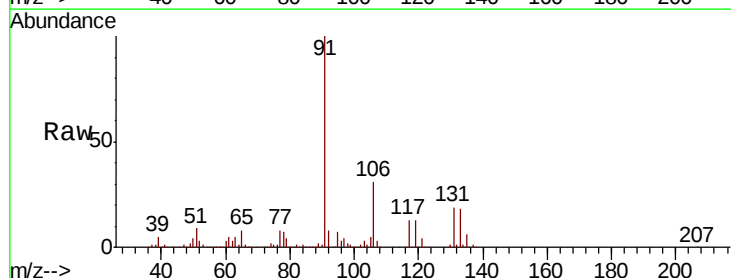
Tgt Ion:131 Resp: 559744

Ion Ratio Lower Upper

131 100

133 95.9 47.6 142.9

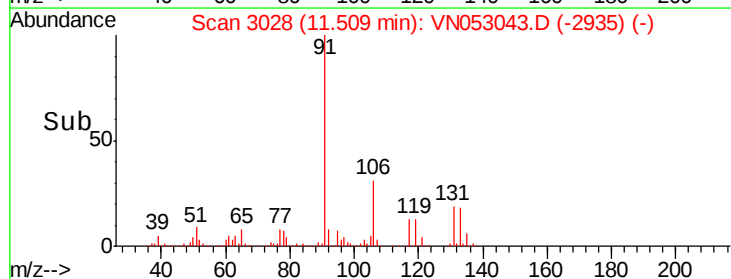
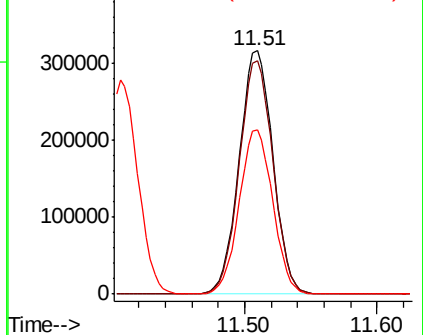
119 67.2 33.3 99.8

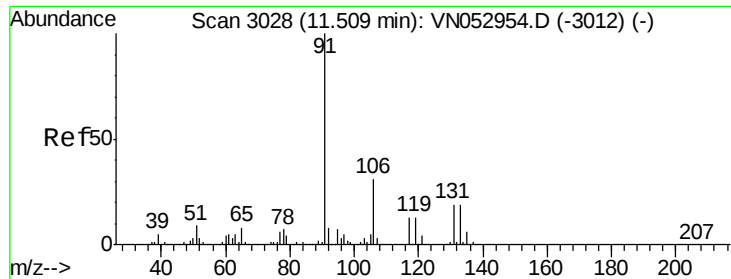


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

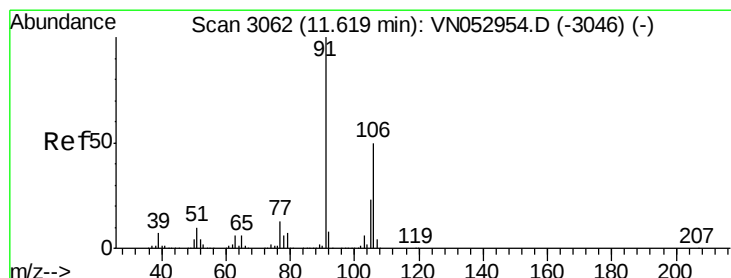
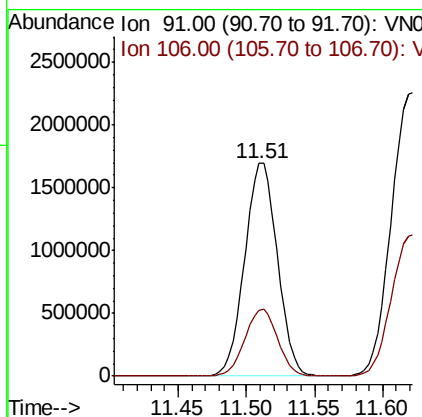
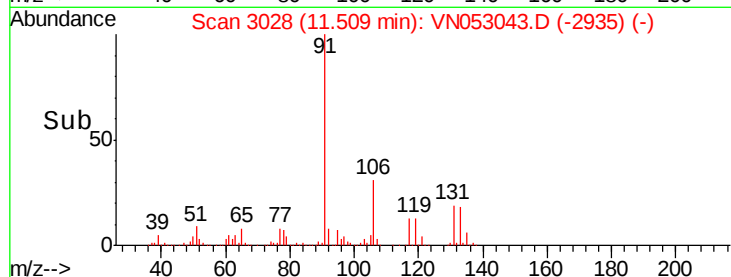
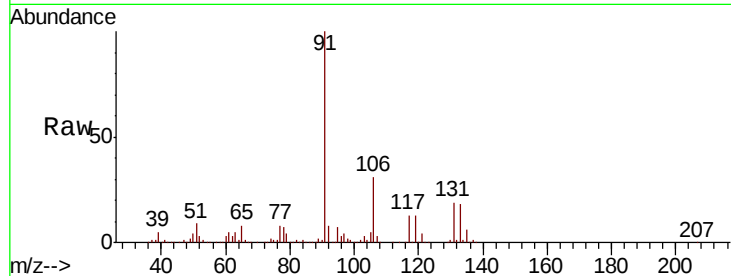




#67
Ethyl Benzene
Concen: 51.147 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

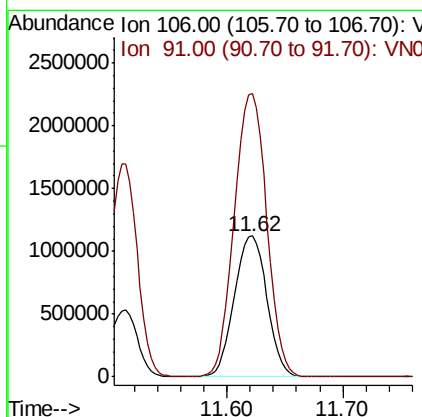
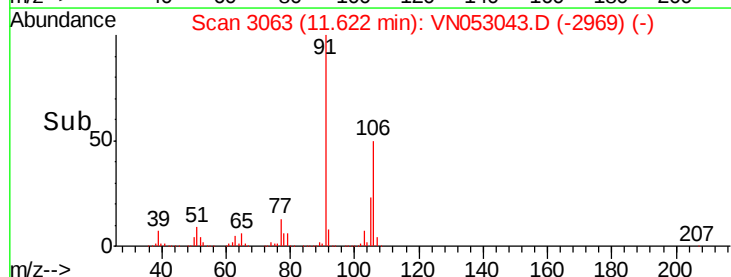
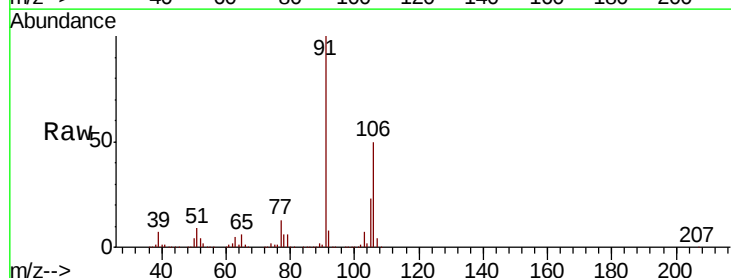
Instrument :
MSVOA_N
ClientSampled :

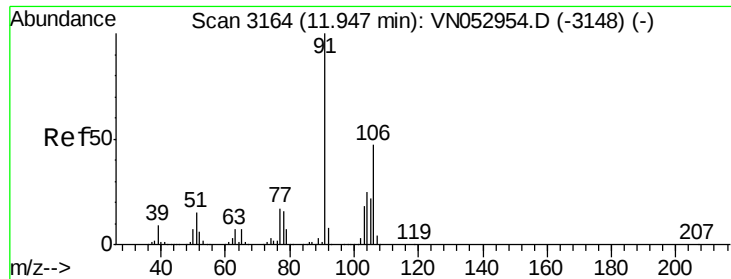
Tot Ion: 91 Resp: 2833110
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 103.562 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Tgt Ion: 106 Resp: 2180756
Ion Ratio Lower Upper
106 100
91 201.2 162.2 243.4

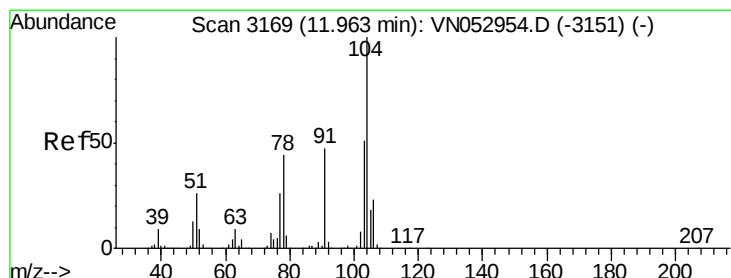
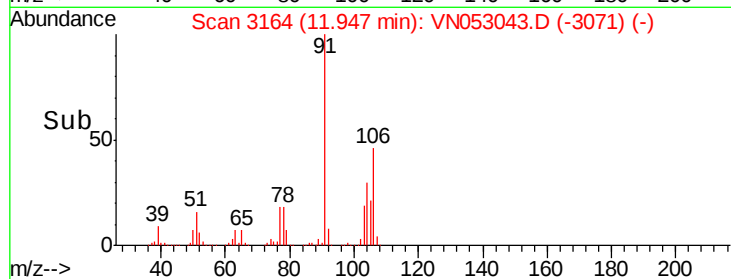
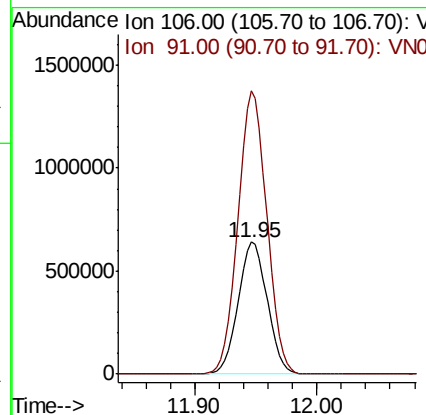
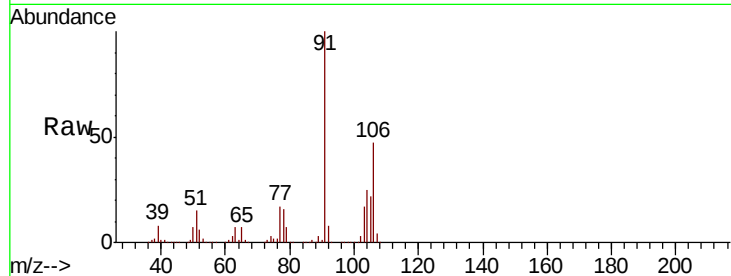




#69
o-Xylene
Concen: 52.295 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

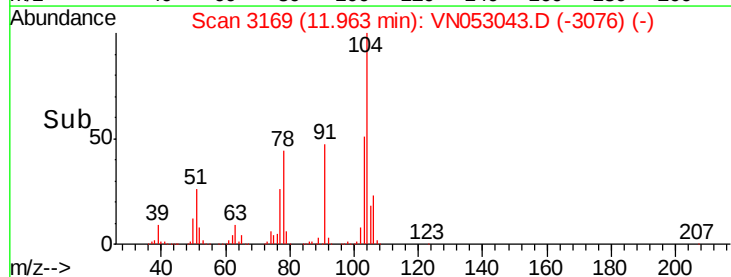
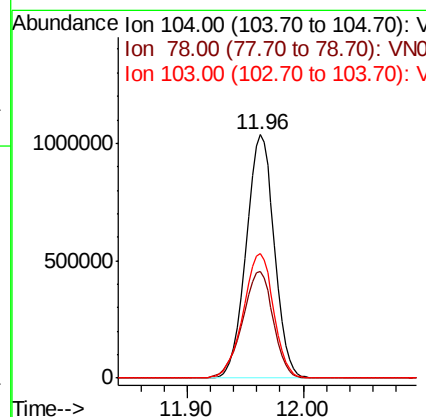
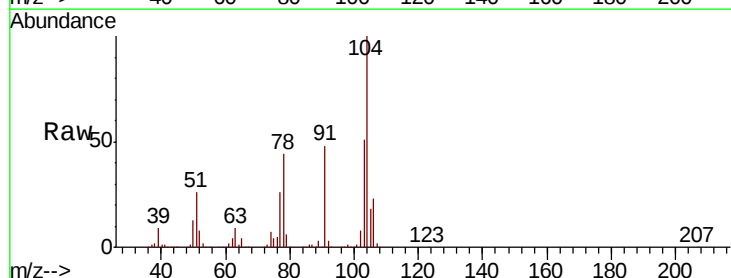
Instrument :
MSVOA_N
ClientSampled :

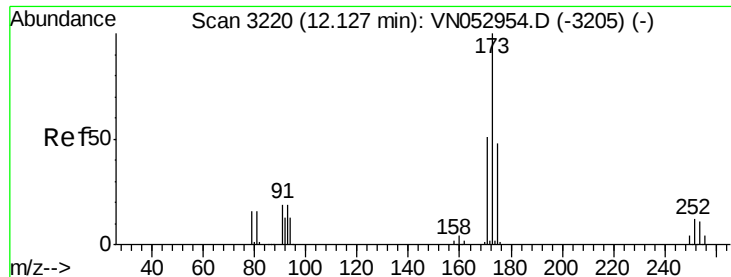
Tot Ion:106 Resp: 1056697
Ion Ratio Lower Upper
106 100
91 213.1 106.6 319.8



#70
Styrene
Concen: 53.061 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Tgt Ion:104 Resp: 1748273
Ion Ratio Lower Upper
104 100
78 47.8 38.9 58.3
103 55.3 44.3 66.5

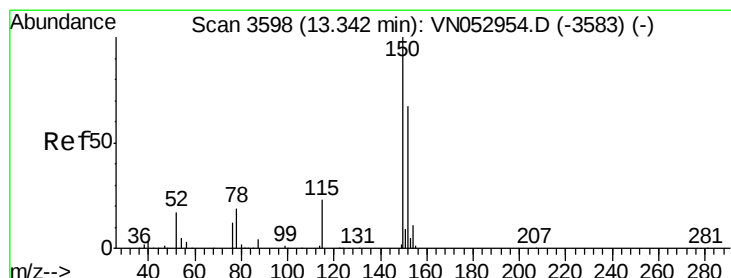
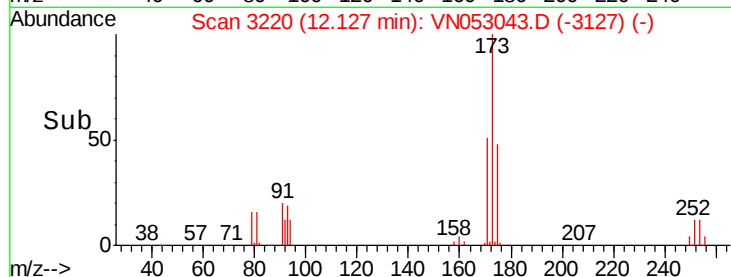
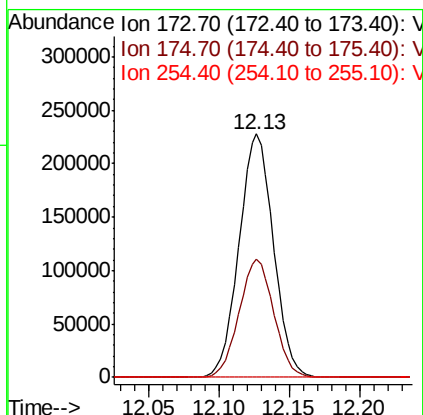
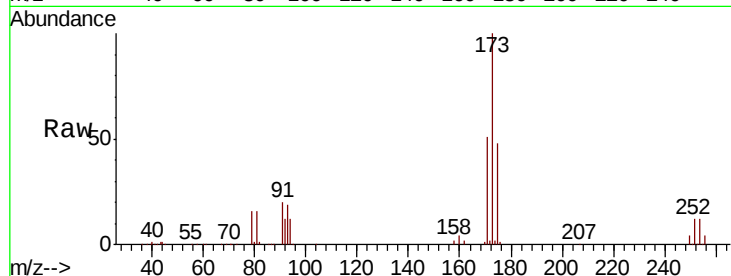




#71
Bromoform
Concen: 48.071 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

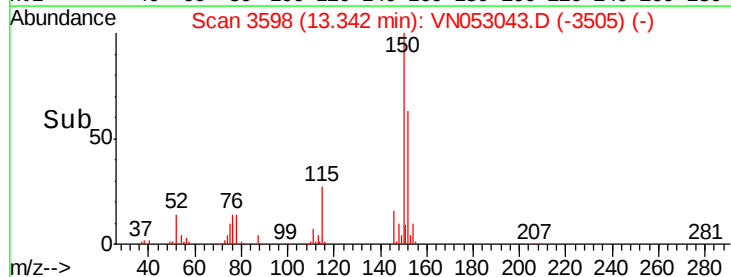
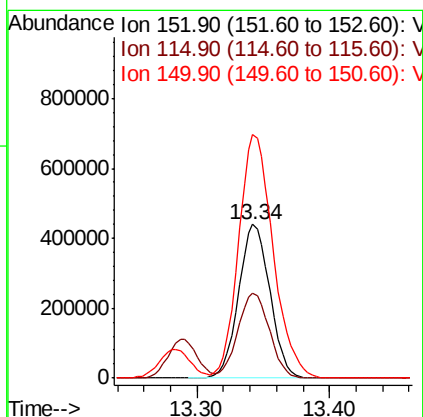
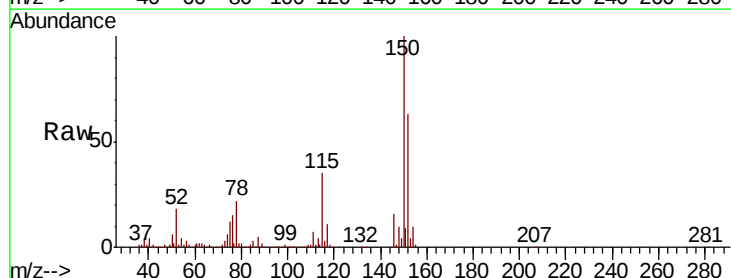
Instrument :
MSVOA_N
ClientSampleId :

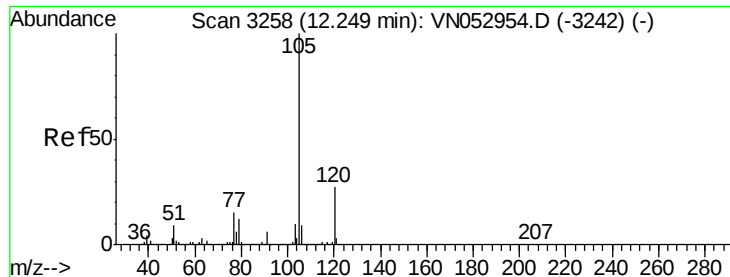
Tot Ion:173 Resp: 388967
Ion Ratio Lower Upper
173 100
175 48.8 24.3 72.9
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Tgt Ion:152 Resp: 718052
Ion Ratio Lower Upper
152 100
115 55.8 28.3 85.0
150 175.0 0.0 347.8





#73

Isopropylbenzene

Concen: 50.213 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Instrument :

MSVOA_N

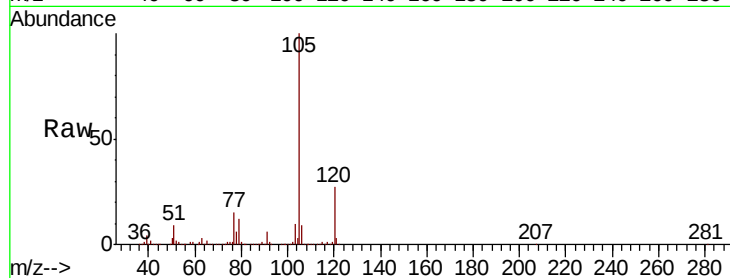
ClientSampleId :

Tot Ion:105 Resp: 2821009

Ion Ratio Lower Upper

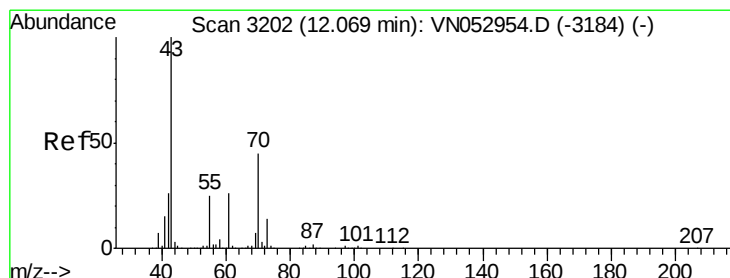
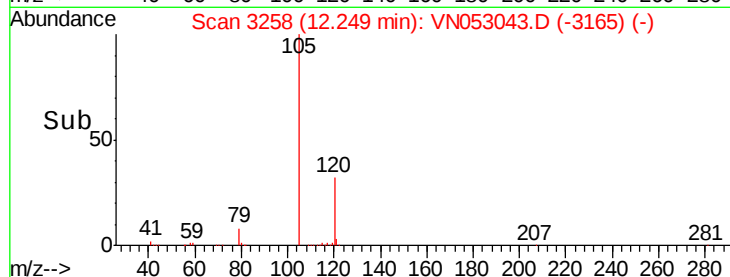
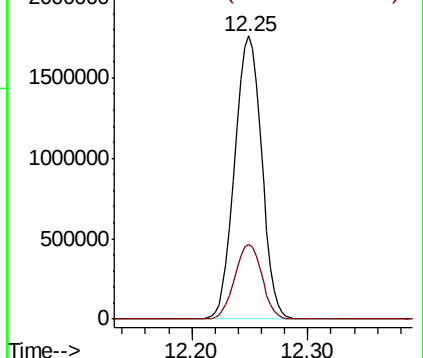
105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.955 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Tgt Ion: 43 Resp: 763593

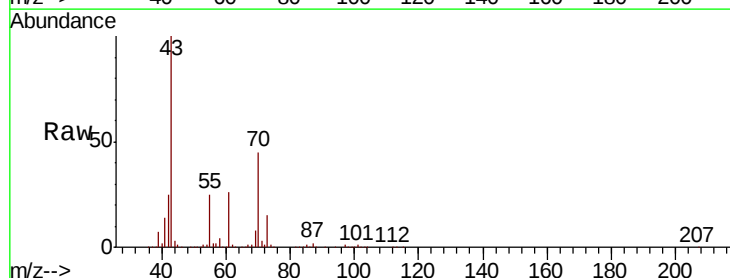
Ion Ratio Lower Upper

43 100

70 44.6 34.2 51.4

55 24.8 20.3 30.5

61 25.6 20.0 30.0

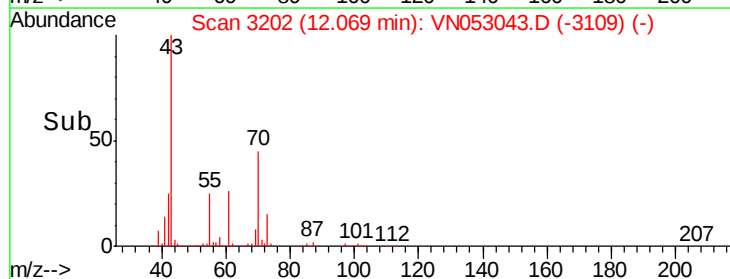
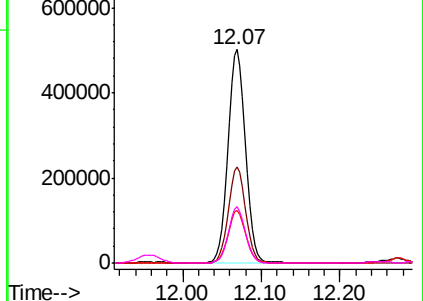


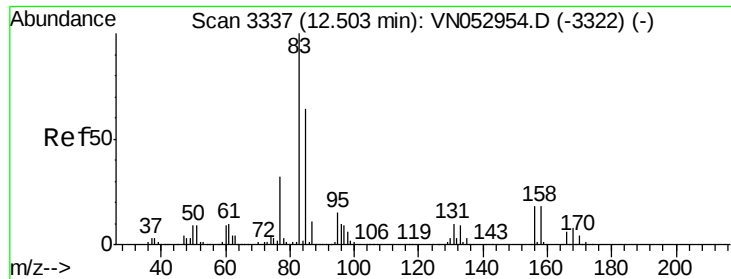
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.730 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Instrument :

MSVOA_N

ClientSampleId :

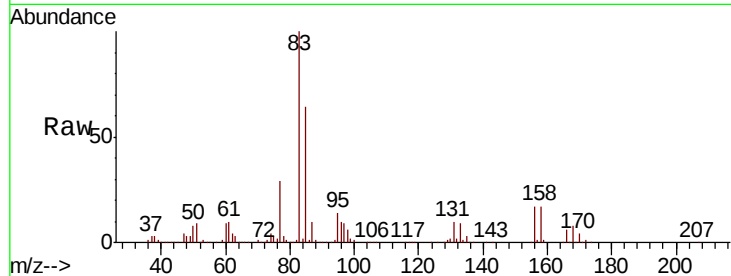
Tot Ion: 83 Resp: 559146

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

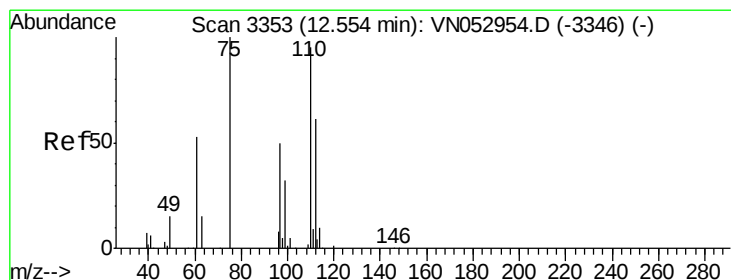
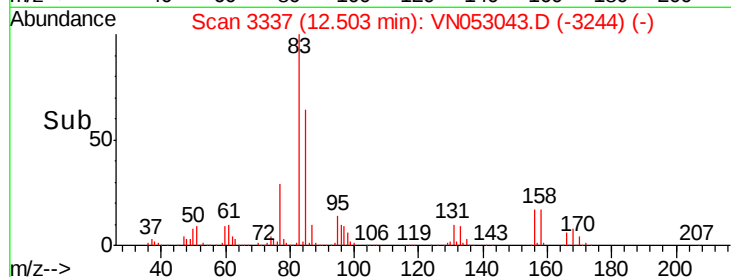
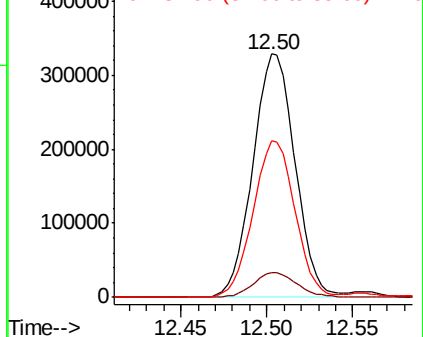
85 63.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN053043.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN053043.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN053043.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 64.946 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN053043.D

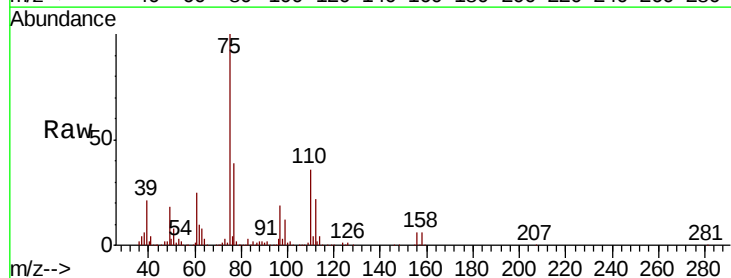
Acq: 20 Dec 2018 9:08

Tgt Ion: 75 Resp: 785045

Ion Ratio Lower Upper

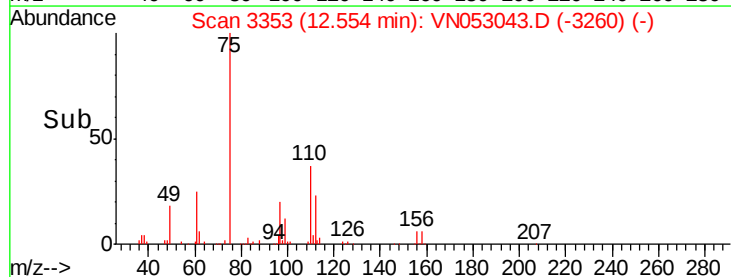
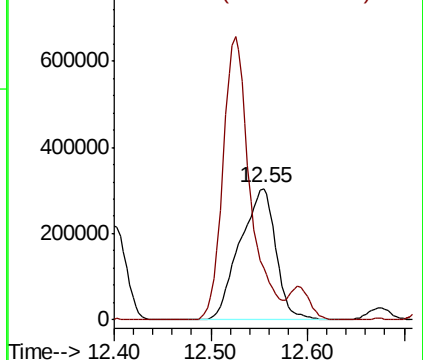
75 100

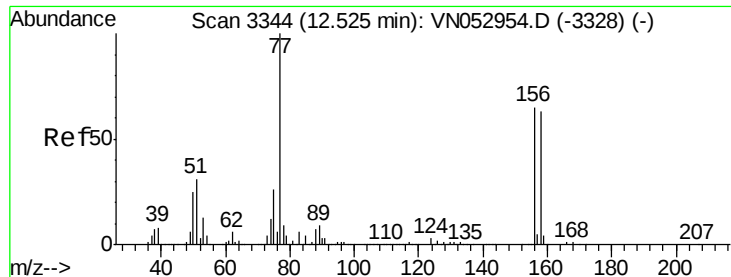
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053043.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053043.D (-3260) (-)

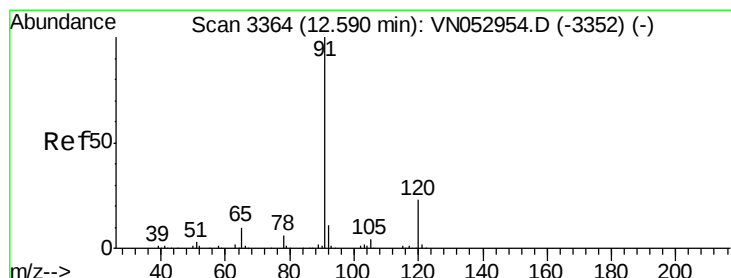
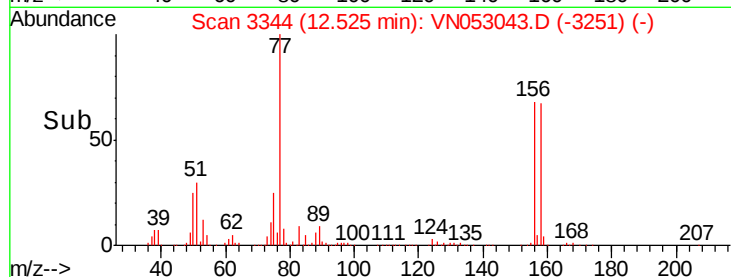
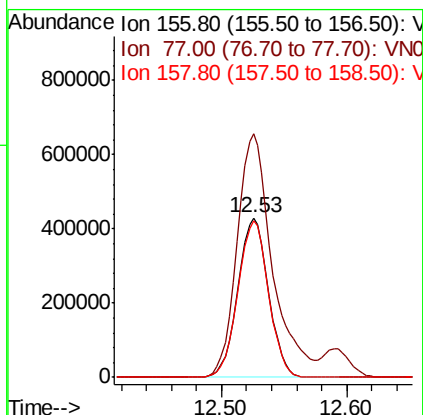
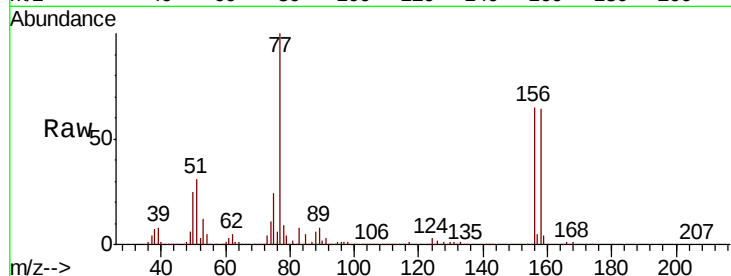




#77
Bromobenzene
Concen: 49.686 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

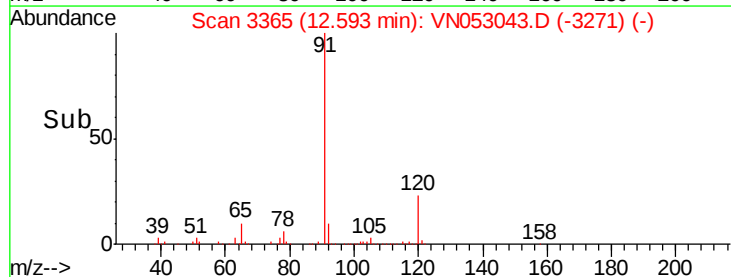
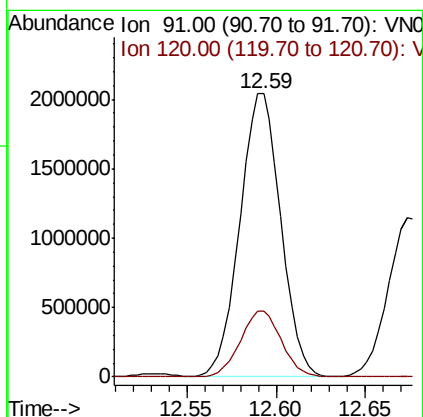
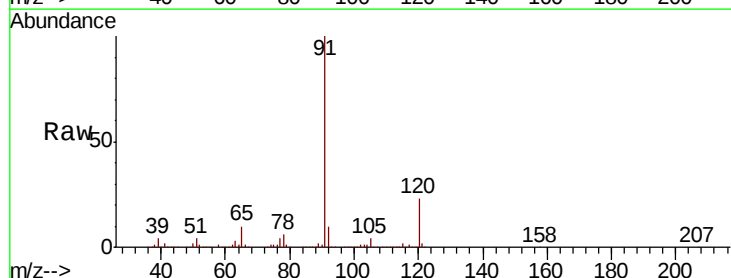
Instrument :
MSVOA_N
ClientSampled :

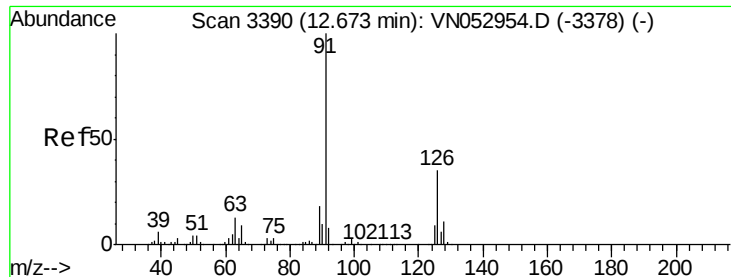
Tot Ion:156 Resp: 725605
Ion Ratio Lower Upper
156 100
77 176.4 91.3 273.8
158 98.1 49.0 147.2



#78
n-propylbenzene
Concen: 50.982 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Tgt Ion: 91 Resp: 3262087
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.5





#79

2-Chlorotoluene

Concen: 47.868 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Instrument :

MSVOA_N

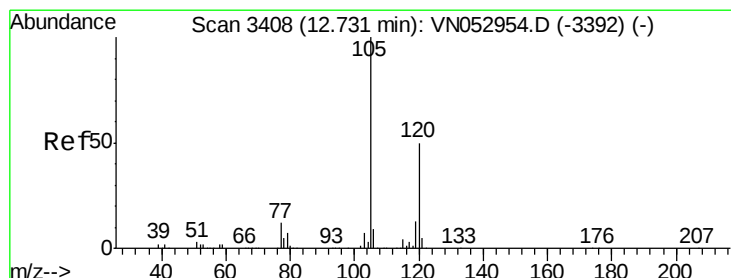
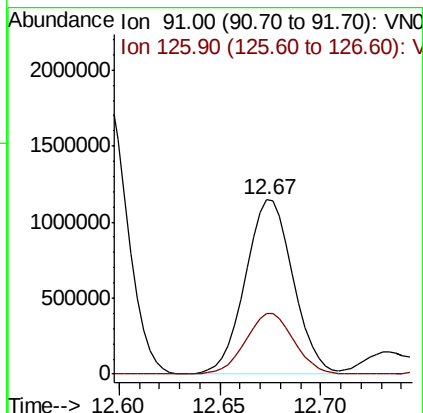
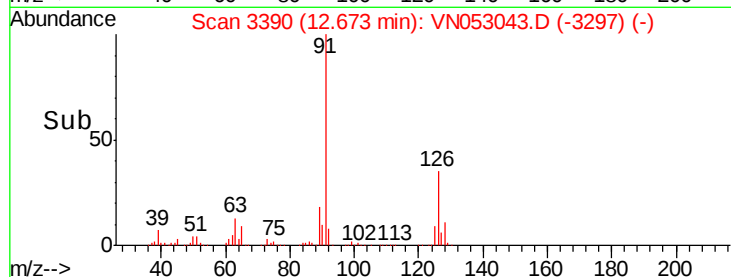
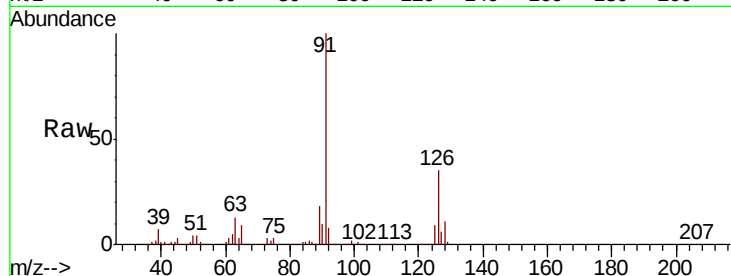
ClientSampled :

Tot Ion: 91 Resp: 1898499

Ion Ratio Lower Upper

91 100

126 35.3 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 50.450 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053043.D

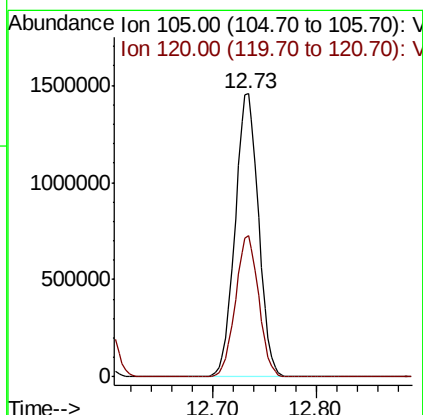
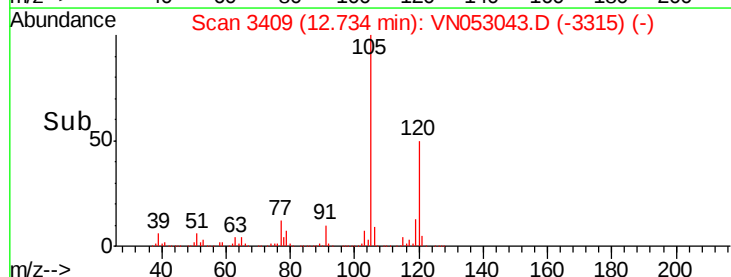
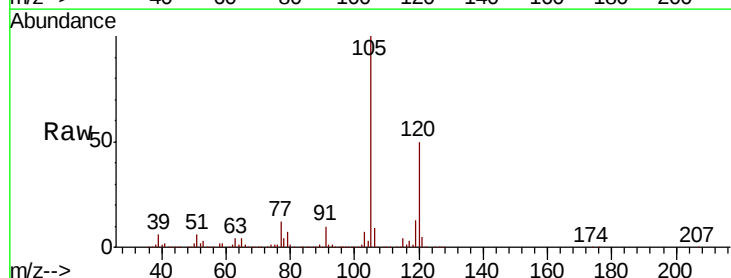
Acq: 20 Dec 2018 9:08

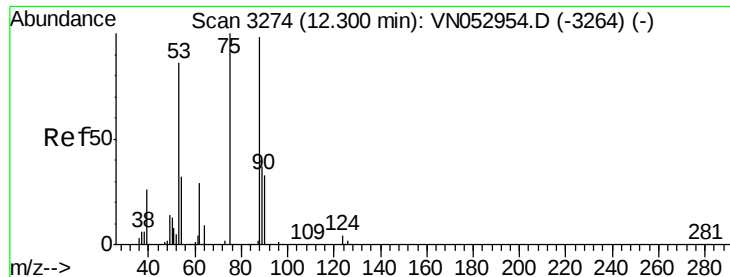
Tgt Ion: 105 Resp: 2310241

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.456 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

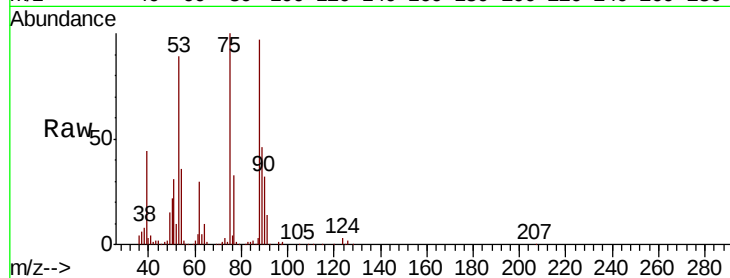
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 75 Resp: 177976

Ion	Ratio	Lower	Upper
75	100		
53	92.2	74.7	112.1
89	48.9	36.1	54.1

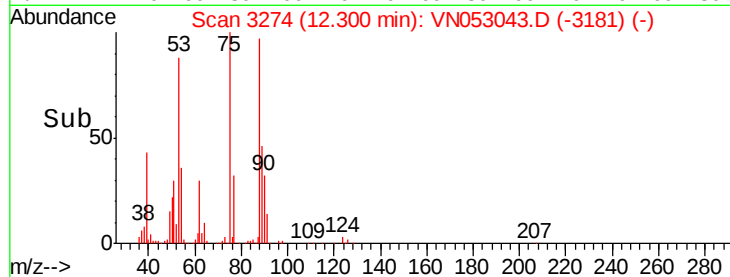


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

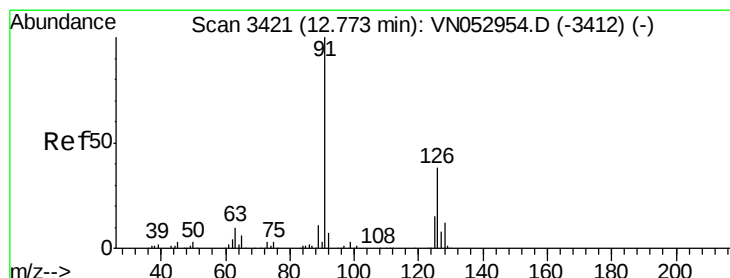


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 50.298 ug/l

RT: 12.77 min Scan# 3421

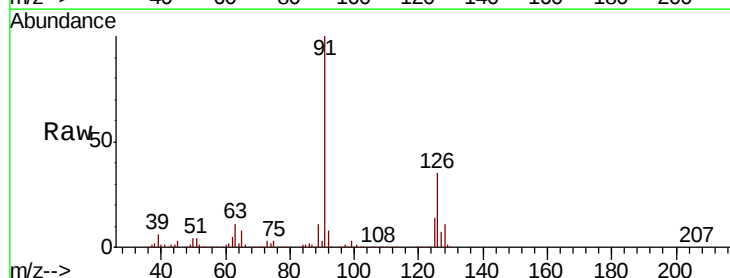
Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Tgt Ion: 91 Resp: 1952810

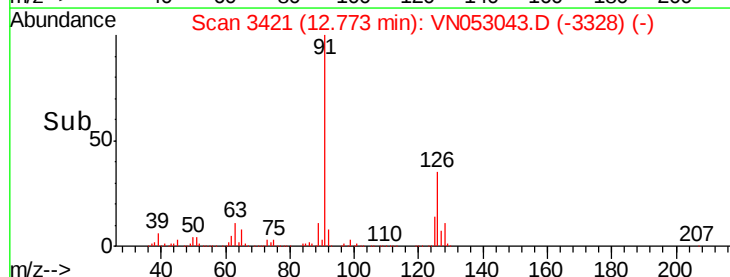
Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.3	51.7



Abundance

Ion 91.00 (90.70 to 91.70): VN0

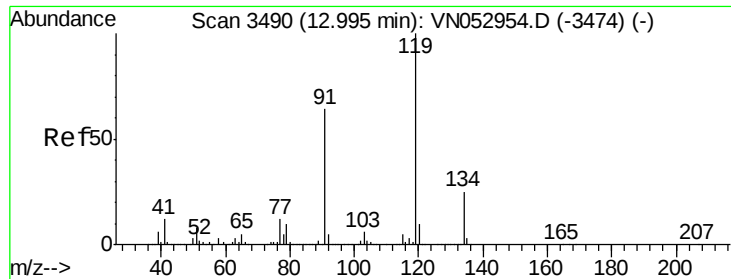
Ion 125.90 (125.60 to 126.60): V



Abundance

Ion 91.00 (90.70 to 91.70): VN0

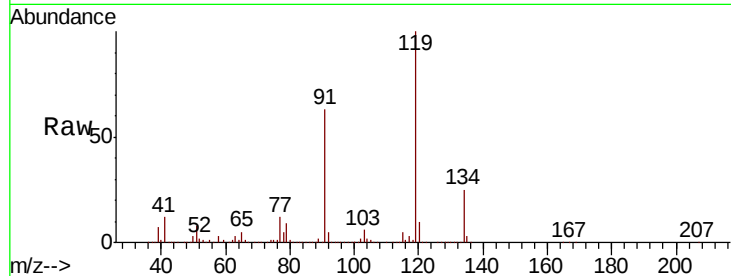
Ion 125.90 (125.60 to 126.60): V



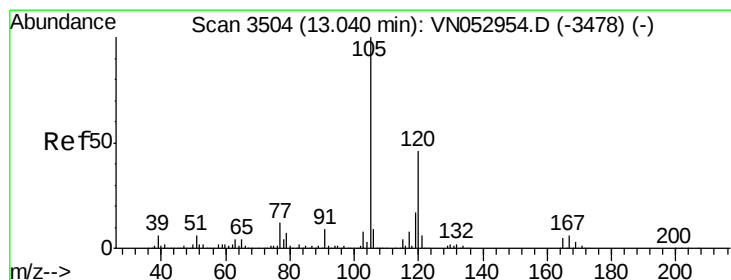
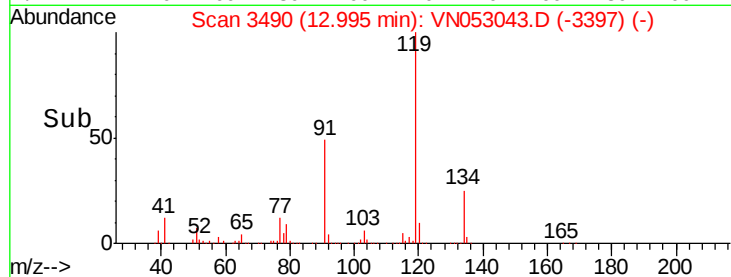
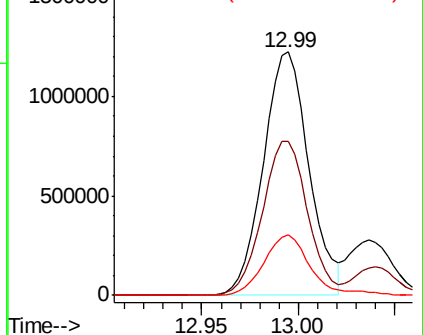
#83
tert-Butylbenzene
Concen: 49.674 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 2011759
Ion Ratio Lower Upper
119 100
91 62.6 31.9 95.5
134 25.5 12.8 38.4

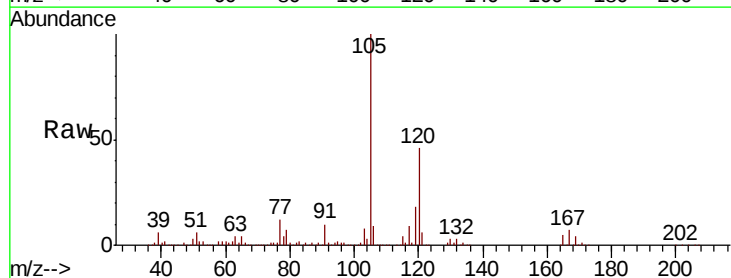


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

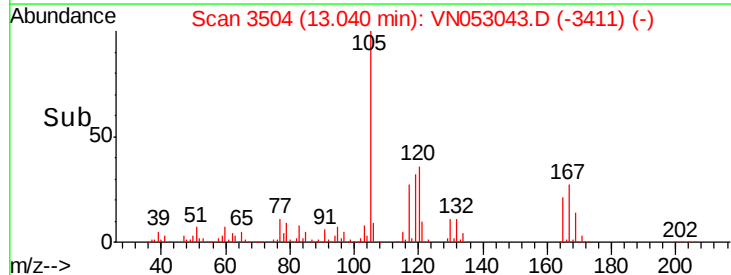
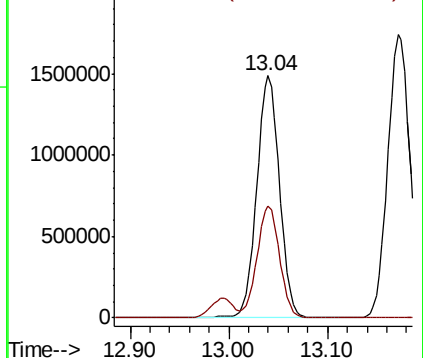


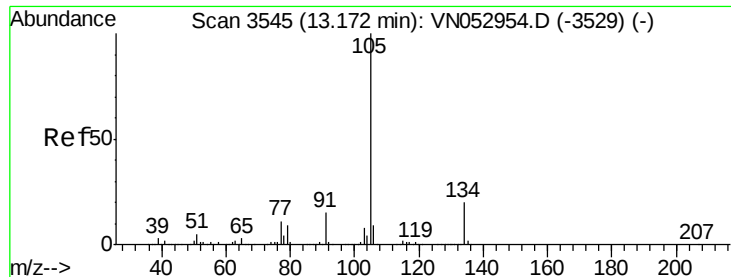
#84
1,2,4-Trimethylbenzene
Concen: 51.020 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053043.D
Acq: 20 Dec 2018 9:08

Tgt Ion:105 Resp: 2348694
Ion Ratio Lower Upper
105 100
120 46.2 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

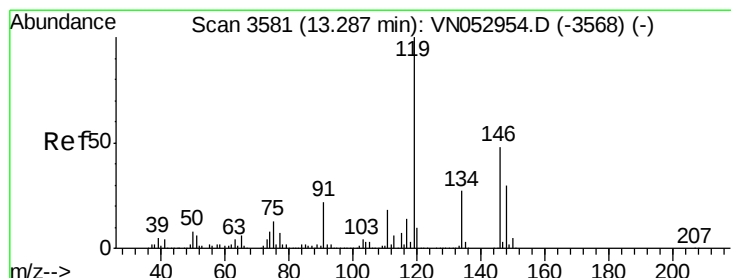
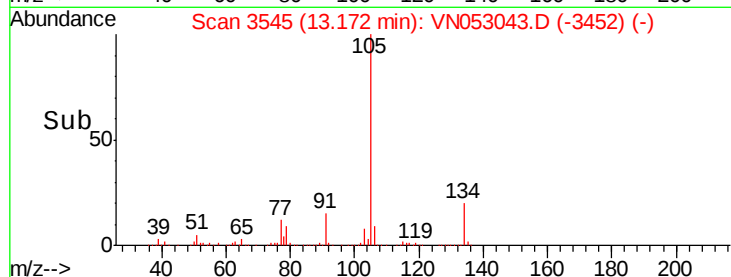
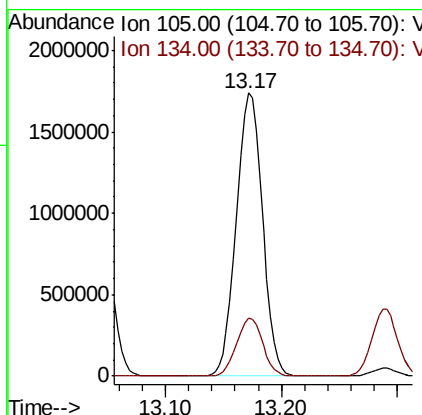
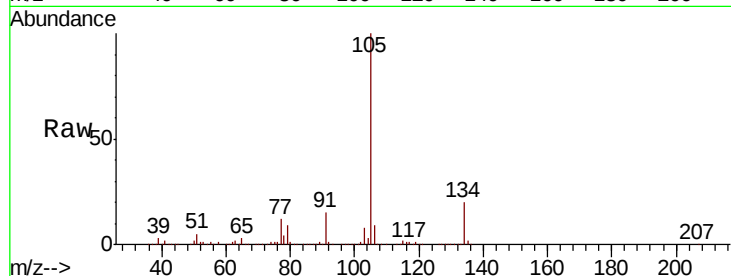




#85
 sec-Butylbenzene
 Concen: 49.549 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

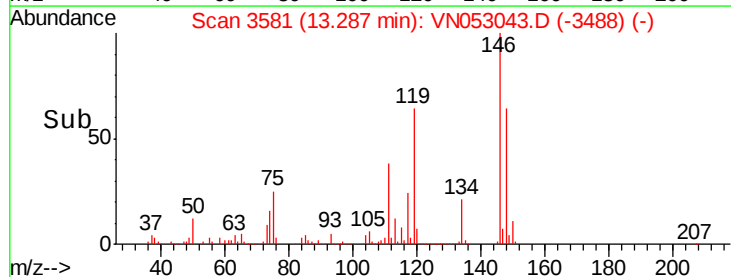
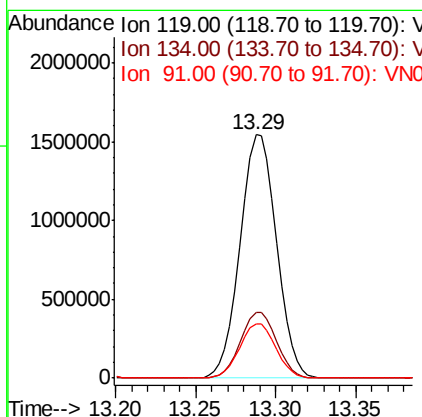
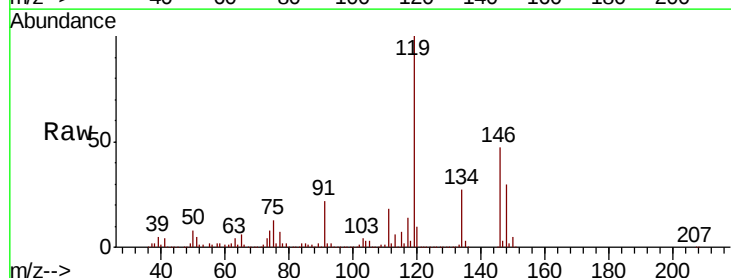
Instrument :
 MSVOA_N
 ClientSampleId :

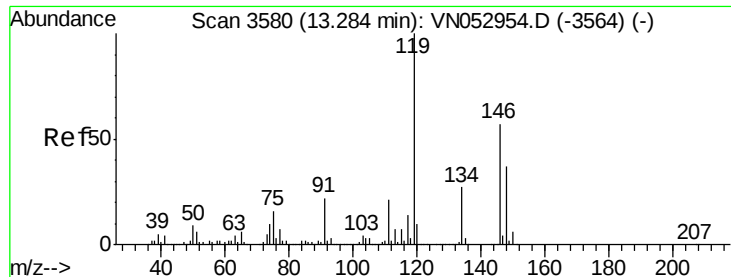
Tot Ion:105 Resp: 2714265
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 50.388 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

Tgt Ion:119 Resp: 2385070
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 22.1 11.1 33.3

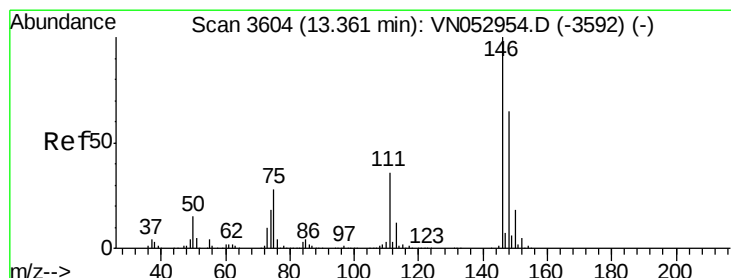
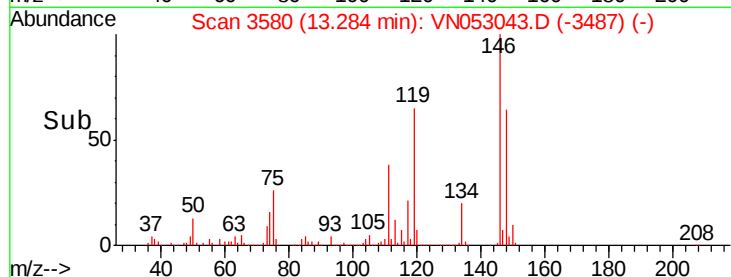
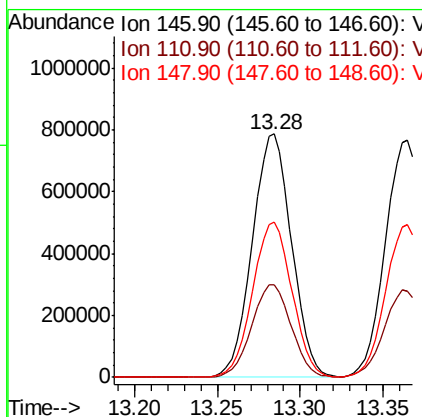
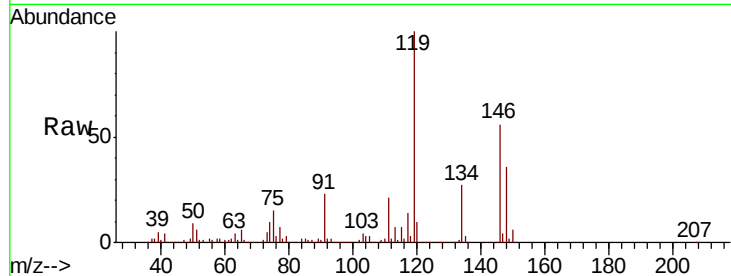




#87
 1,3-Dichlorobenzene
 Concen: 50.021 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

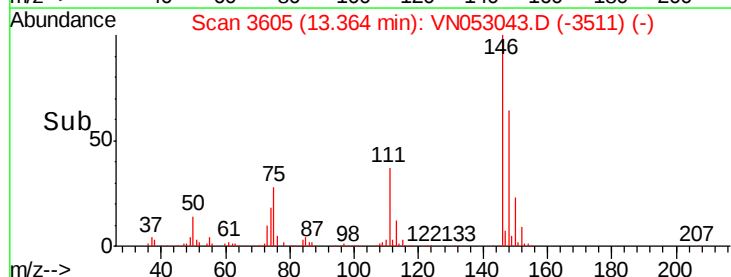
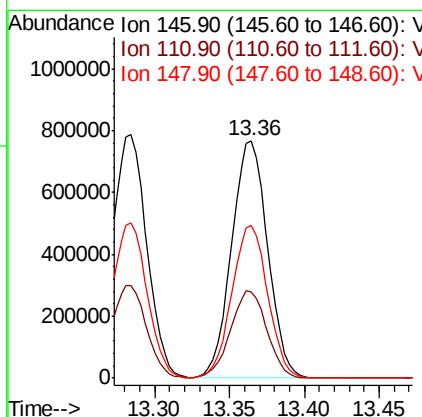
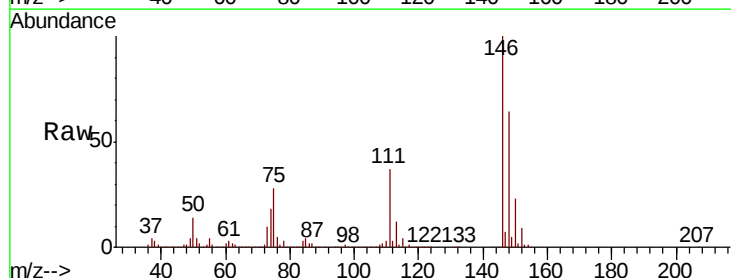
Instrument :
 MSVOA_N
 ClientSampled :

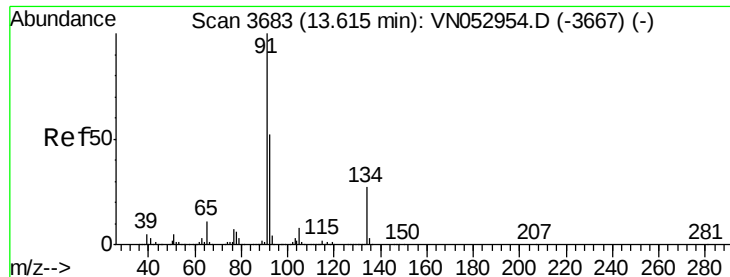
Tot Ion:146 Resp: 1292914
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.1
 148 63.9 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 49.130 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

Tgt Ion:146 Resp: 1285977
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 55.8
 148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 49.166 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Instrument :

MSVOA_N

ClientSampleId :

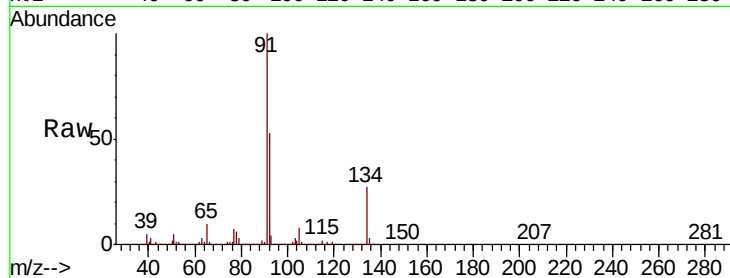
Tot Ion: 91 Resp: 2002120

Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.3	78.9
134	26.8	13.3	39.8

91 100

92 53.0 26.3 78.9

134 26.8 13.3 39.8

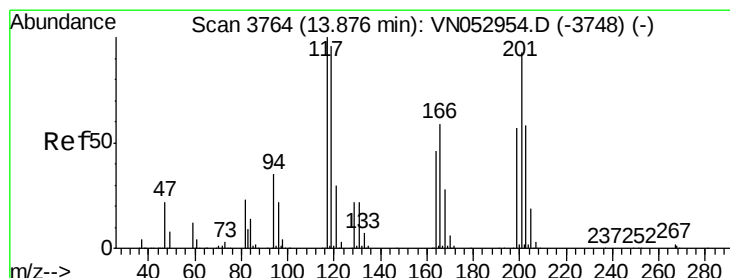
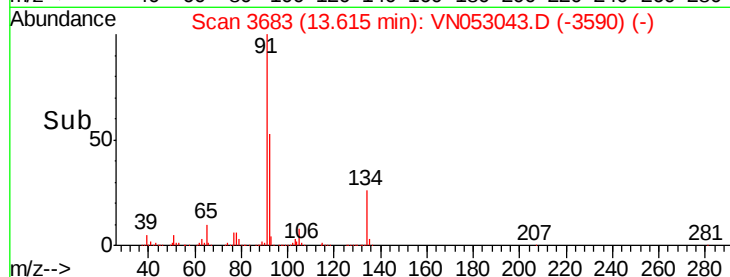
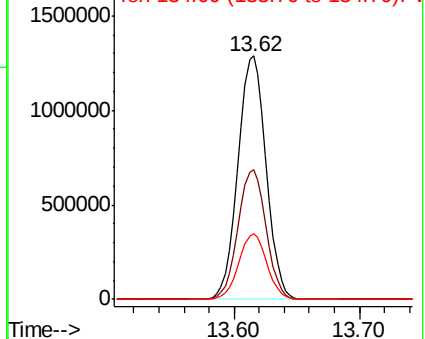


Abundance

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

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

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



#90

Hexachloroethane

Concen: 48.832 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN053043.D

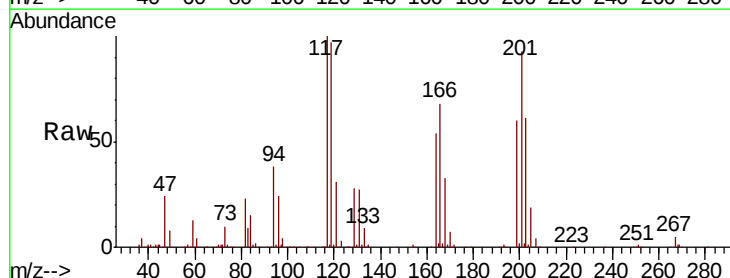
Acq: 20 Dec 2018 9:08

Tgt Ion: 117 Resp: 354704

Ion	Ratio	Lower	Upper
117	100		
201	92.7	45.7	137.1

117 100

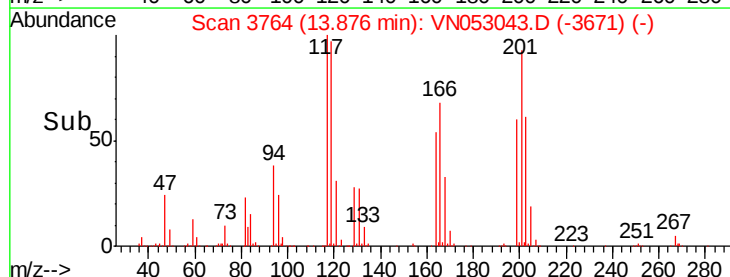
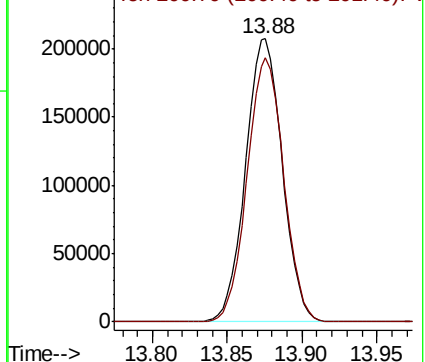
201 92.7 45.7 137.1

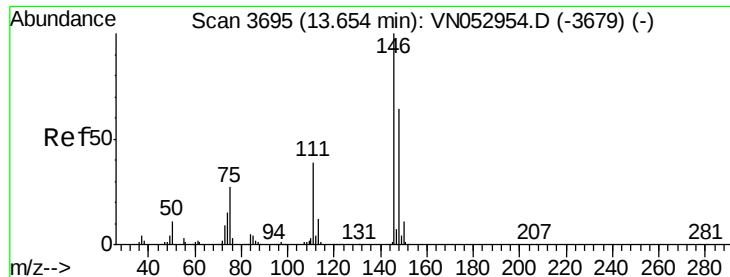


Abundance

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

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

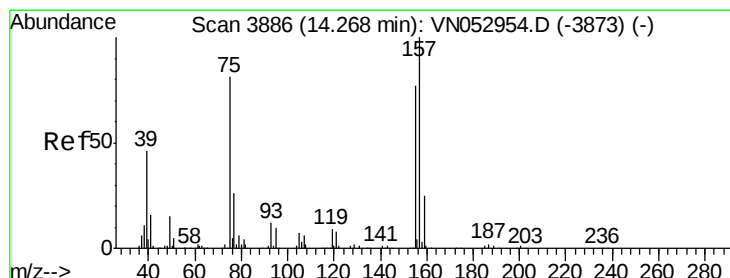
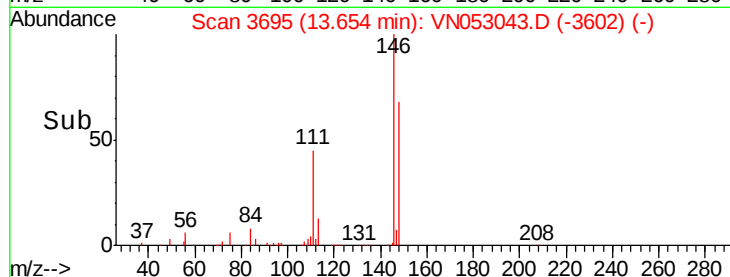
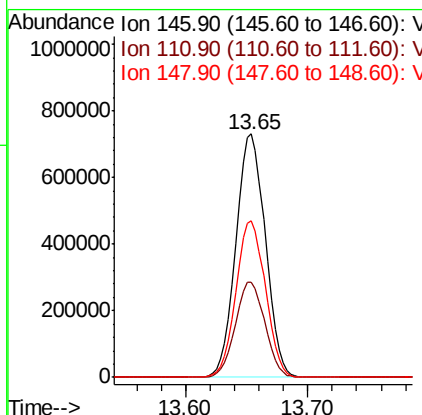
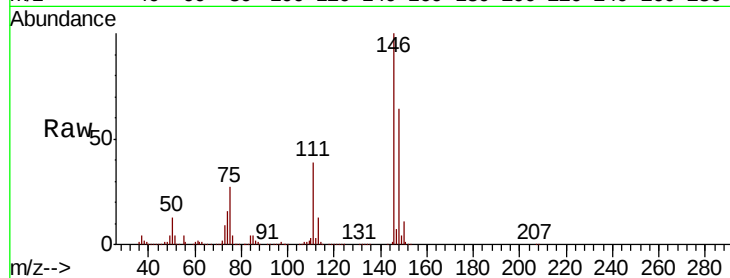




#91
 1,2-Dichlorobenzene
 Concen: 50.132 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

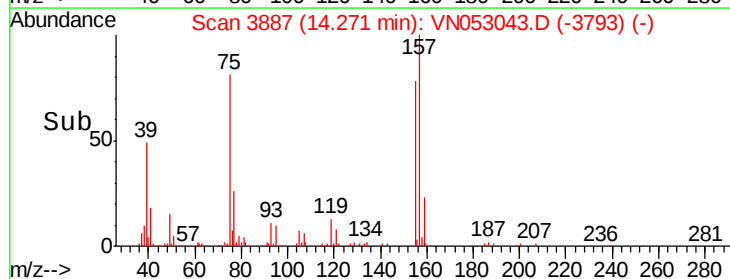
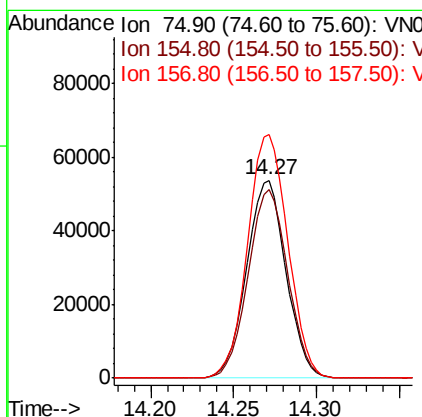
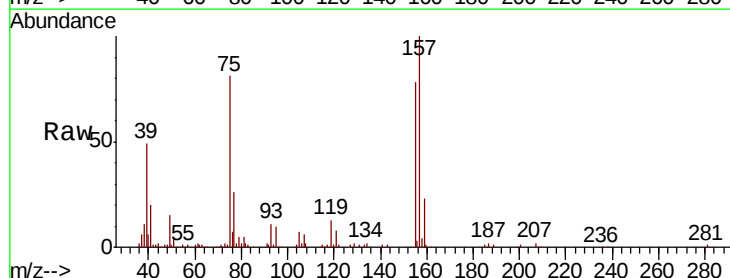
Instrument :
 MSVOA_N
 ClientSampled :

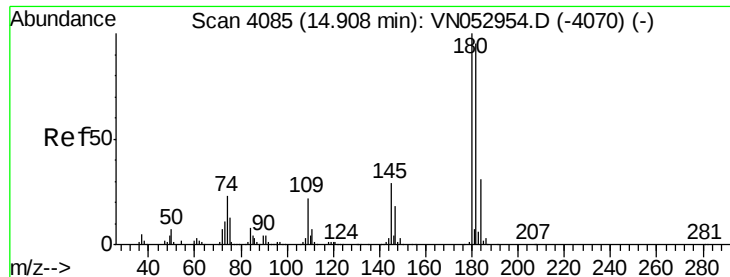
Tot Ion:146 Resp: 1219508
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.7 59.0
 148 64.3 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.659 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

Tgt Ion: 75 Resp: 88920
 Ion Ratio Lower Upper
 75 100
 155 95.6 48.2 144.6
 157 125.5 61.2 183.5

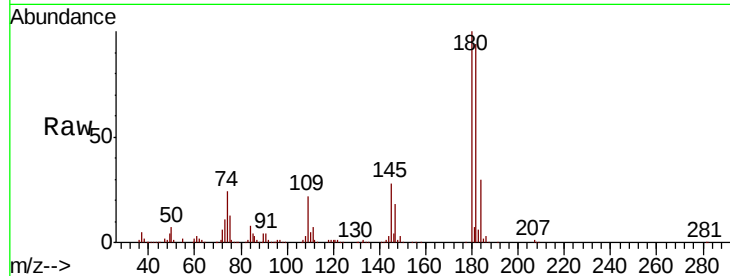




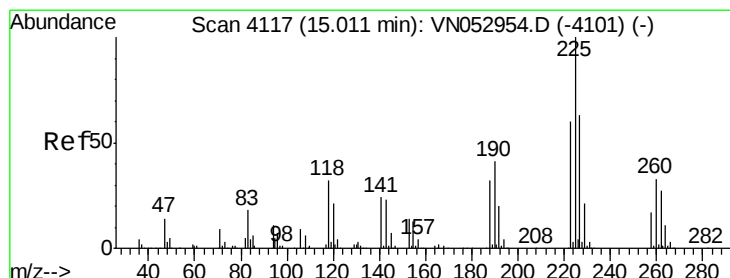
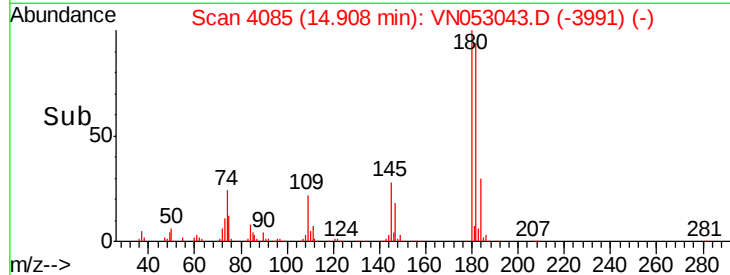
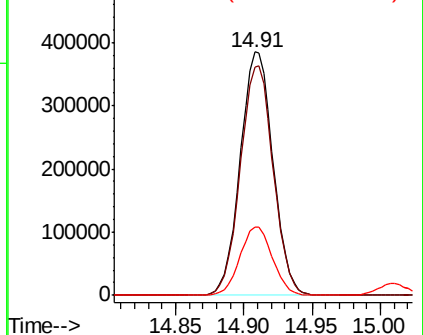
#93
 1,2,4-Trichlorobenzene
 Concen: 49.751 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 641161
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.8 143.3
 145 28.0 14.2 42.6

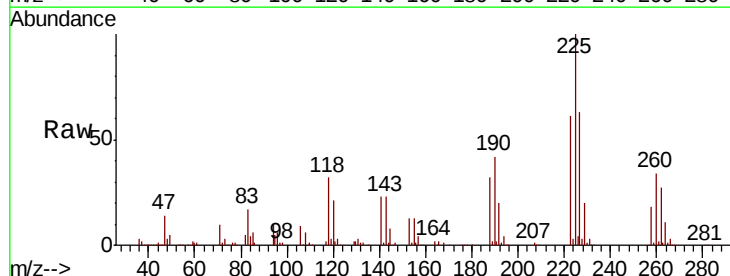


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

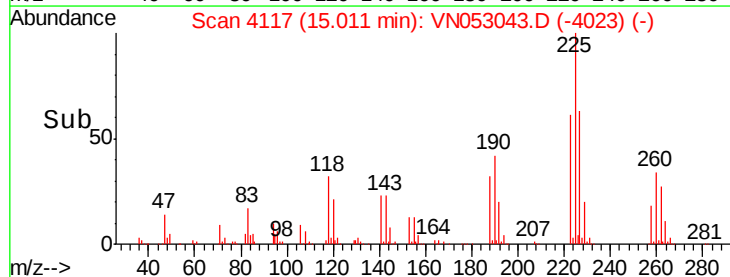
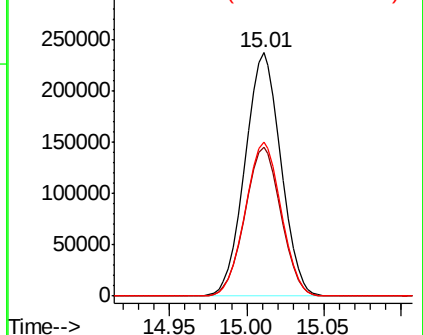


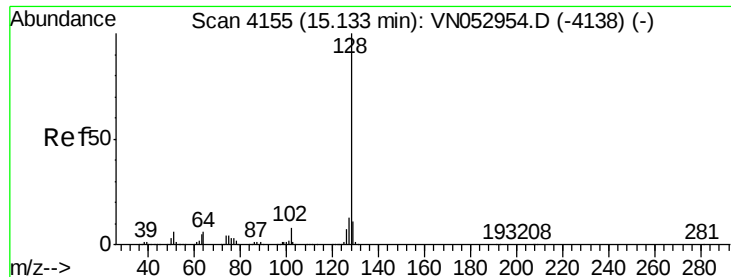
#94
 Hexachlorobutadiene
 Concen: 57.917 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053043.D
 Acq: 20 Dec 2018 9:08

Tgt Ion:225 Resp: 383451
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.5 94.5
 227 63.4 31.9 95.7



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





#95

Naphthalene

Concen: 46.471 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

Instrument :

MSVOA_N

ClientSampleId :

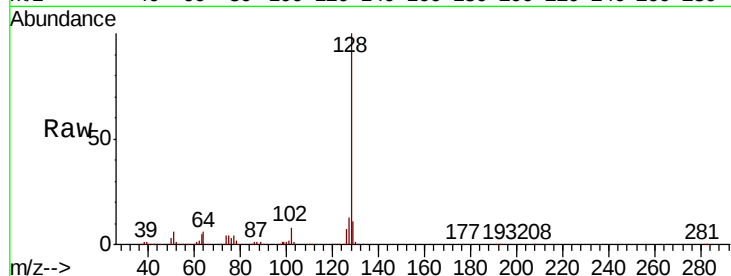
Tot Ion:128 Resp: 1309629

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

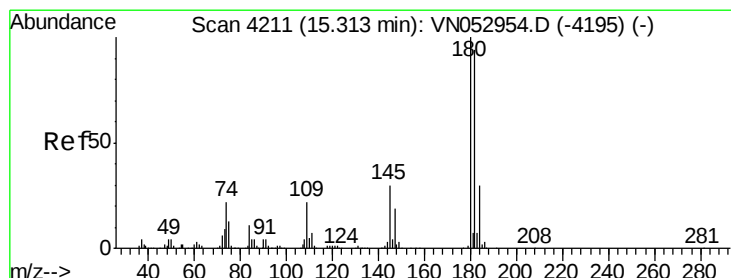
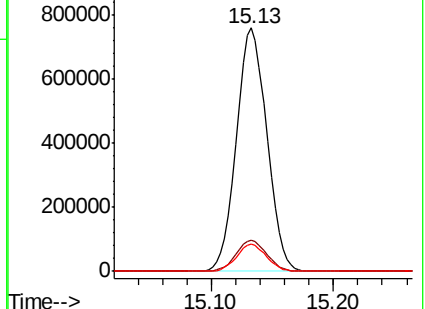
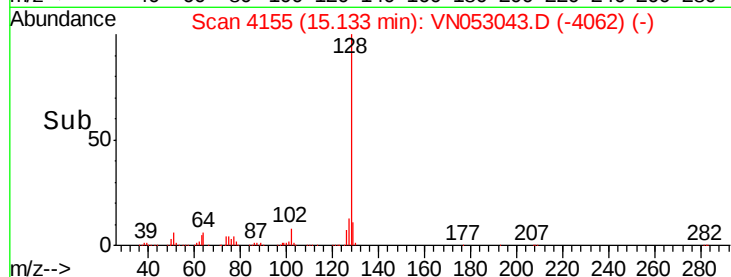
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.236 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053043.D

Acq: 20 Dec 2018 9:08

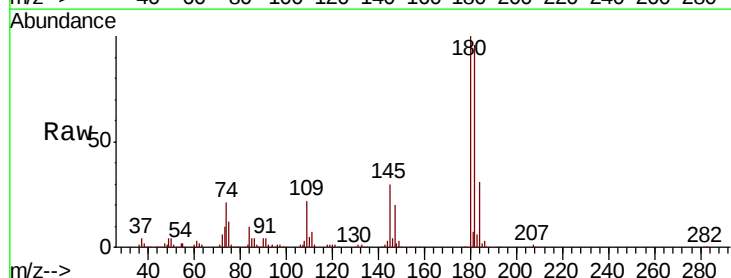
Tgt Ion:180 Resp: 559610

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 30.1 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

