

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051721\
 Data File : VN067102.D
 Acq On : 17 May 2021 15:31
 Operator : JC/MD
 Sample : M2405-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 18 04:08:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

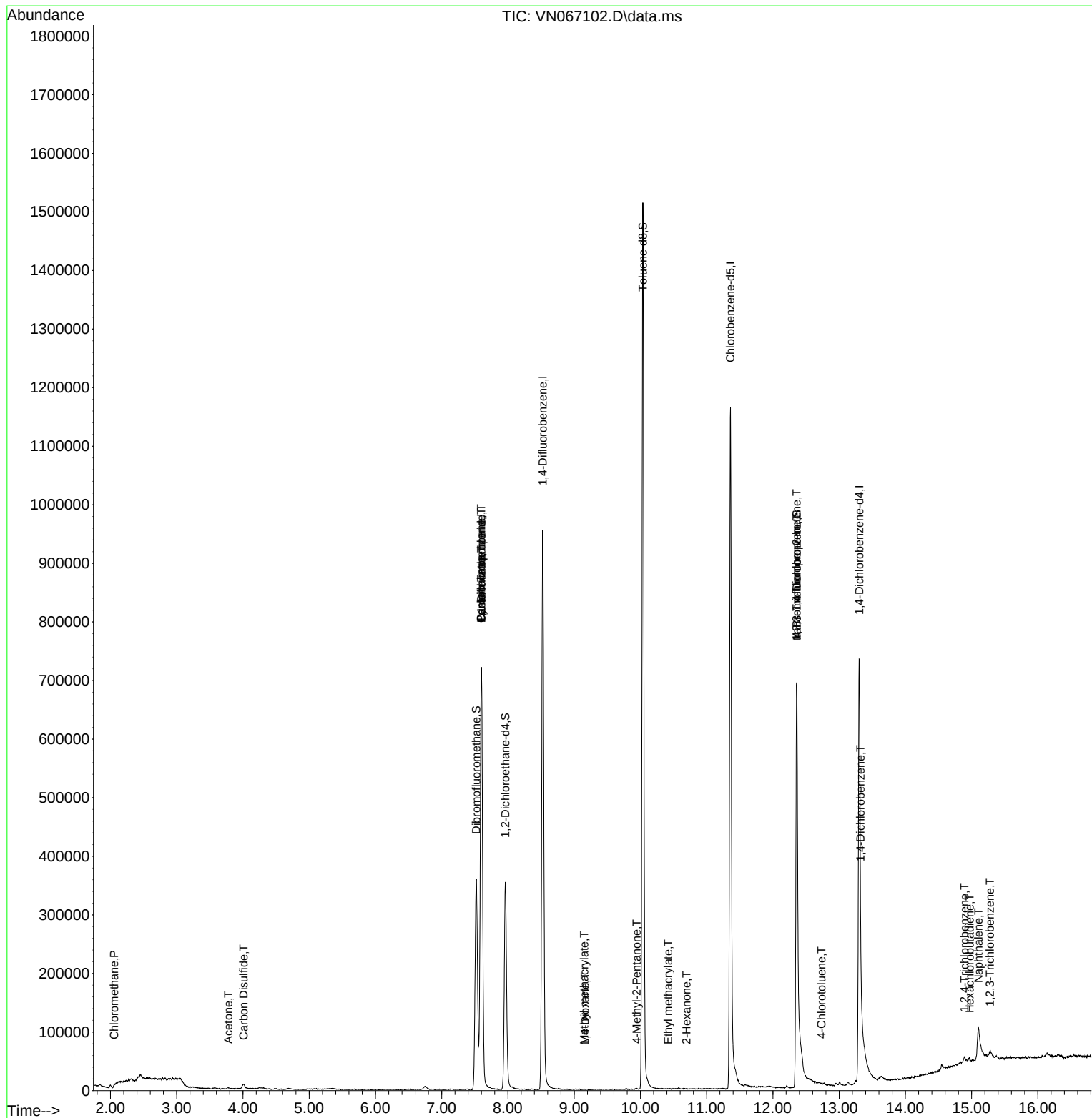
Internal Standards						
1) Pentafluorobenzene	7.600	168	693909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	983620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	841421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.304	152	335617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.962	65	319666	42.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	85.28%
35) Dibromofluoromethane	7.522	113	296372	45.89	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.78%
50) Toluene-d8	10.037	98	1155120	47.19	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.38%
62) 4-Bromofluorobenzene	12.360	95	346432	42.25	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	84.50%
Target Compounds						
					Qvalue	
3) Chloromethane	2.056	50	2338	0.31	ug/l	92
13) Acrolein	3.560	56	915	Below Cal	#	75
16) Acetone	3.780	43	2109	0.91	ug/l	95
17) Carbon Disulfide	4.011	76	12860	0.74	ug/l	96
31) Cyclohexane	7.600	56	10706	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.600	75	41129	4.58	ug/l #	43
38) Carbon Tetrachloride	7.600	117	57655	6.04	ug/l #	15
48) Methyl methacrylate	9.152	41	135	1.96	ug/l #	1
49) 1,4-Dioxane	9.163	88	25	0.27	ug/l #	1
51) 4-Methyl-2-Pentanone	9.944	43	1360	5.57	ug/l #	86
56) Ethyl methacrylate	10.418	69	76	1.95	ug/l #	1
59) 2-Hexanone	10.695	43	160	21.95	ug/l #	21
76) 1,2,3-Trichloropropane	12.357	75	160659	22.68	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.357	75	160659	68.04	ug/l #	15
82) 4-Chlorotoluene	12.730	91	166	1.19	ug/l	74
88) 1,4-Dichlorobenzene	13.323	146	3046	0.26	ug/l #	73
93) 1,2,4-Trichlorobenzene	14.889	180	3928	0.66	ug/l	90
94) Hexachlorobutadiene	14.970	225	1151	0.28	ug/l	90
95) Naphthalene	15.104	128	87658	9.00	ug/l	98
96) 1,2,3-Trichlorobenzene	15.278	180	6794	1.24	ug/l #	87

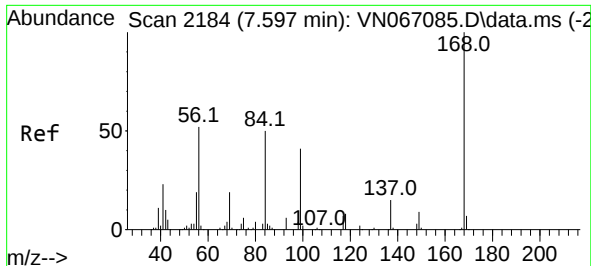
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 18 04:08:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
Quant Title : SW846 8260
QLast Update : Tue May 18 04:00:15 2021
Response via : Initial Calibration

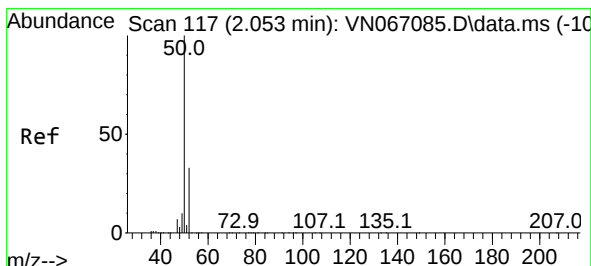
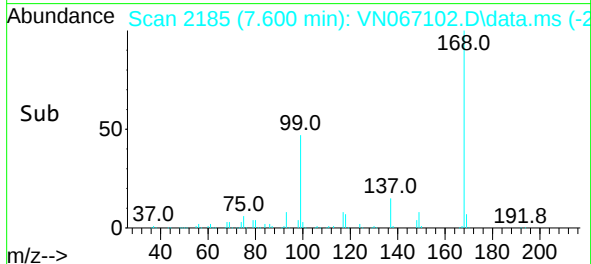
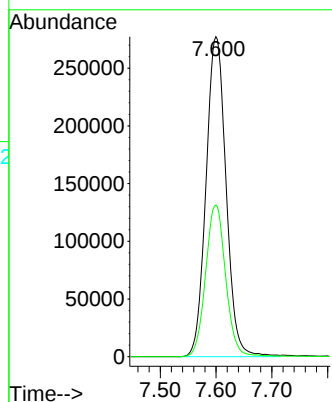
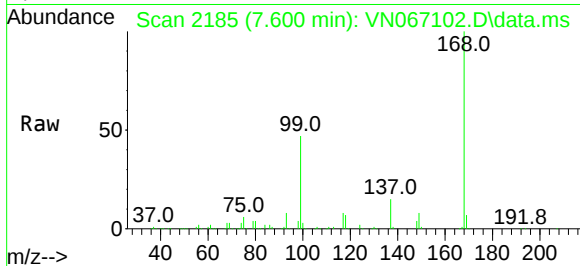




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

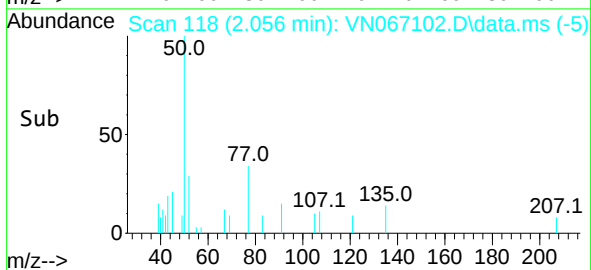
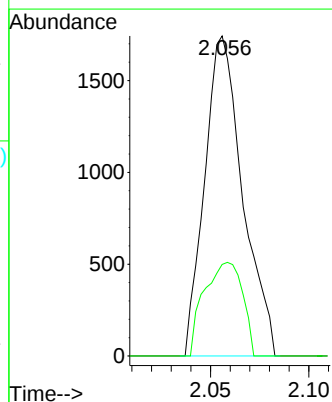
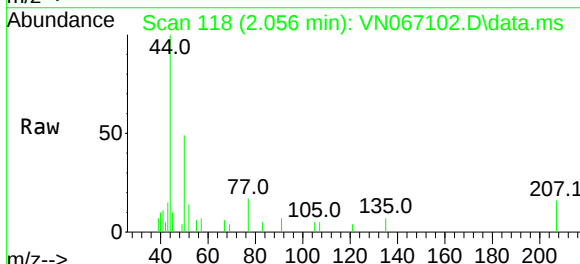
Instrument :
MSVOA_N
ClientSampled :

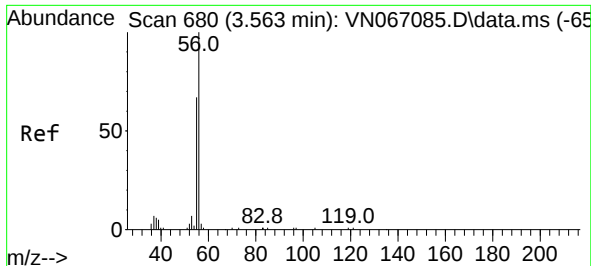
Tgt Ion:168 Resp: 693909
Ion Ratio Lower Upper
168 100
99 47.4 38.5 57.7



#3
Chloromethane
Concen: 0.31 ug/l
RT: 2.056 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

Tgt Ion: 50 Resp: 2338
Ion Ratio Lower Upper
50 100
52 28.6 26.5 39.7

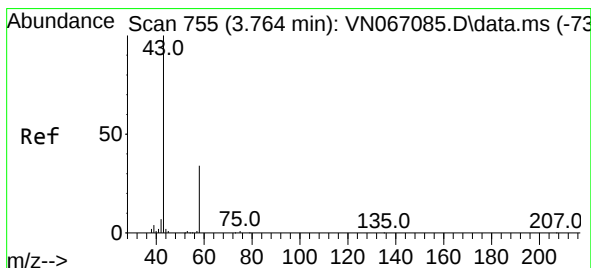
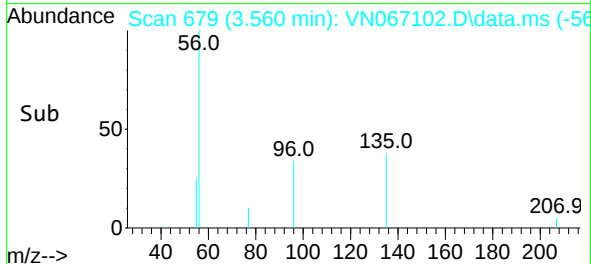
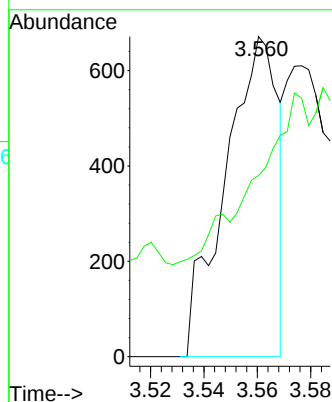
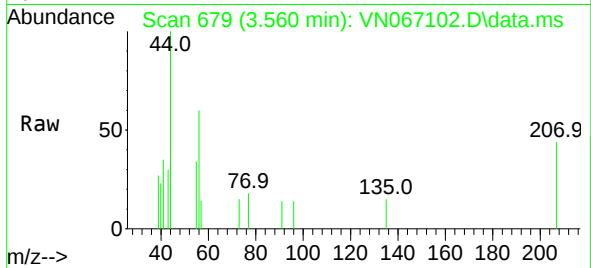




#13
Acrolein
Concen: Below Cal
RT: 3.560 min Scan# 679
Delta R.T. -0.003 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

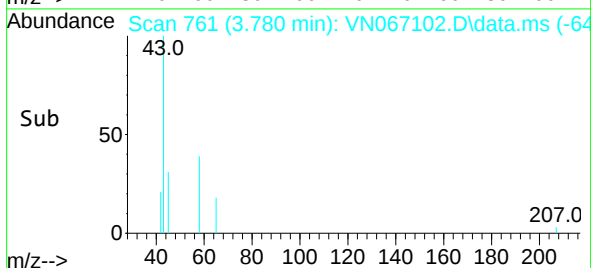
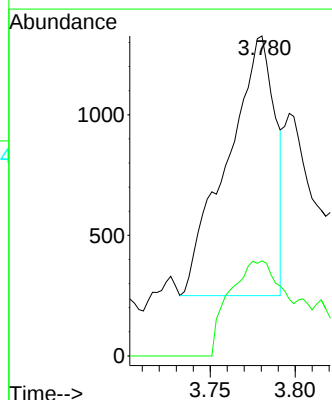
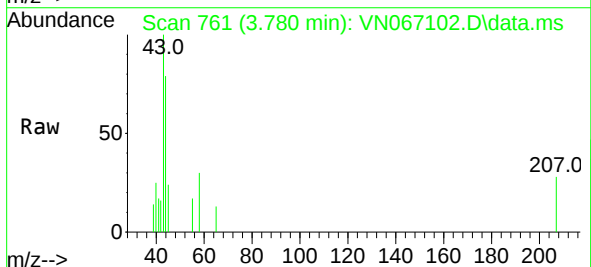
Instrument :
MSVOA_N
ClientSampleId :

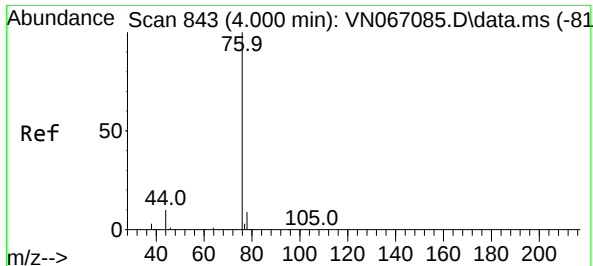
Tgt Ion: 56 Resp: 915
Ion Ratio Lower Upper
56 100
55 47.4 53.8 80.6#



#16
Acetone
Concen: 0.91 ug/l
RT: 3.780 min Scan# 761
Delta R.T. 0.016 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

Tgt Ion: 43 Resp: 2109
Ion Ratio Lower Upper
43 100
58 36.6 27.2 40.8

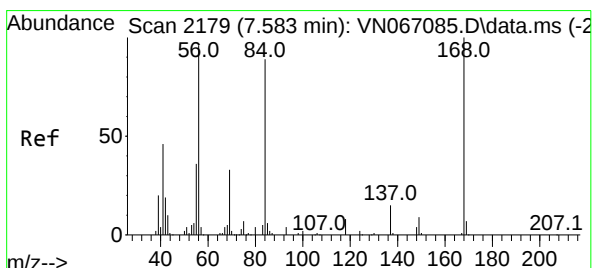
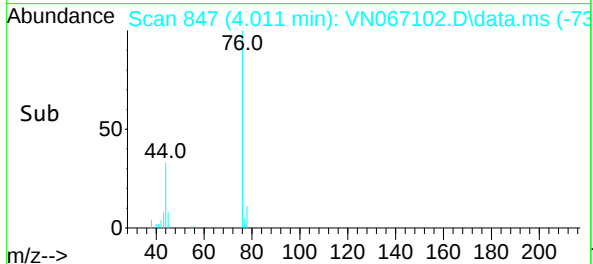
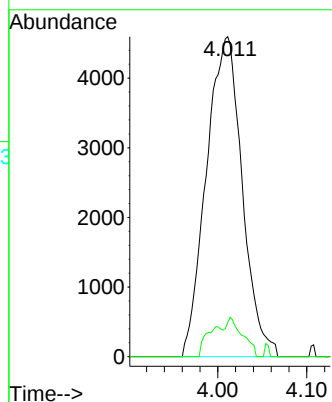
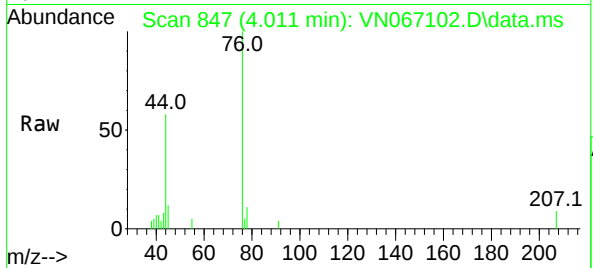




#17
Carbon Disulfide
Concen: 0.74 ug/l
RT: 4.011 min Scan# 847
Delta R.T. 0.011 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

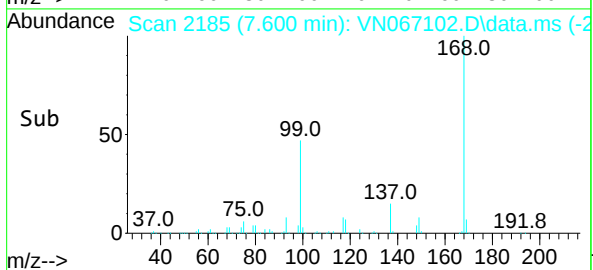
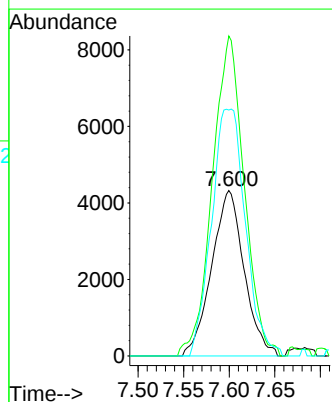
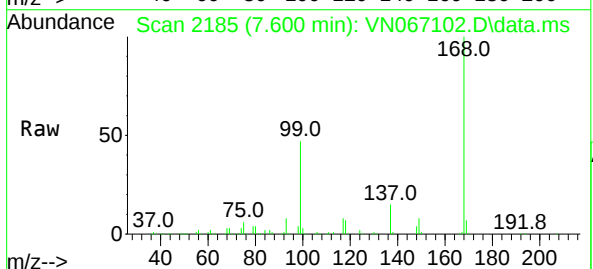
Instrument :
MSVOA_N
ClientSampleId :

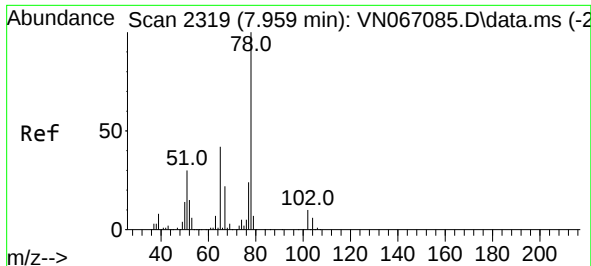
Tgt Ion: 76 Resp: 12860
Ion Ratio Lower Upper
76 100
78 10.7 7.5 11.3



#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. 0.017 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

Tgt Ion: 56 Resp: 10706
Ion Ratio Lower Upper
56 100
69 193.4 28.0 42.0#
84 148.7 74.2 111.2#

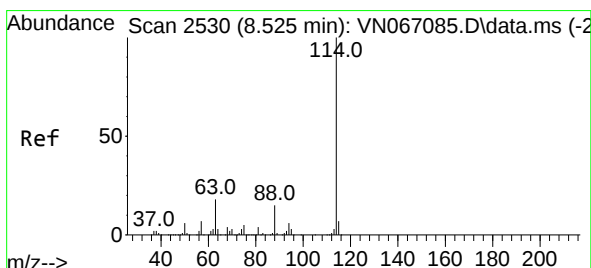
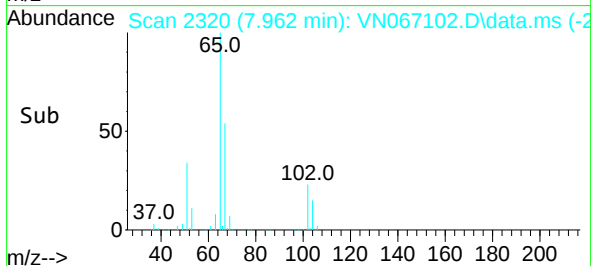
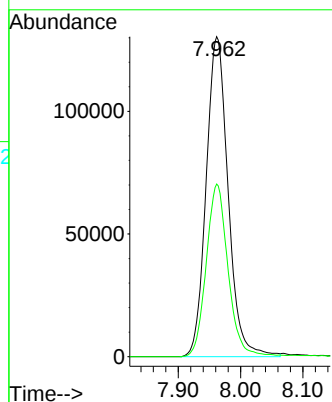
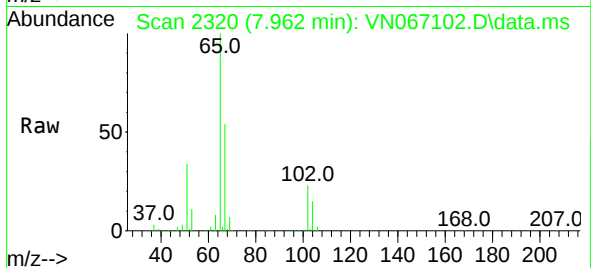




#33
1,2-Dichloroethane-d4
Concen: 42.64 ug/l
RT: 7.962 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

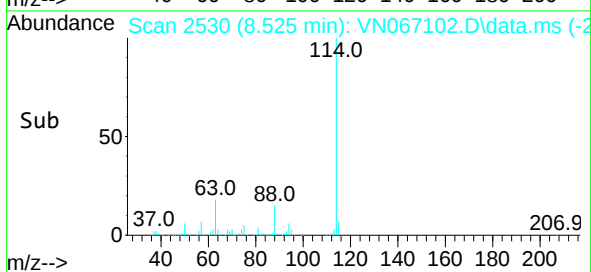
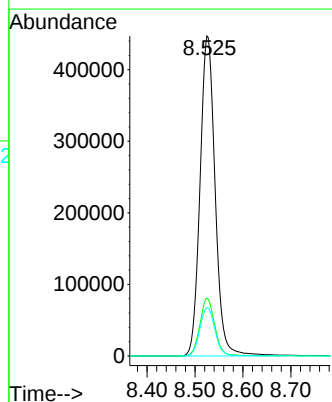
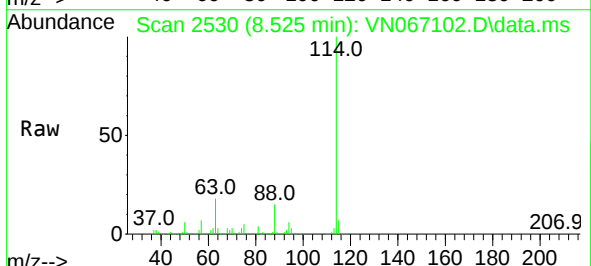
Instrument :
MSVOA_N
ClientSampleId :

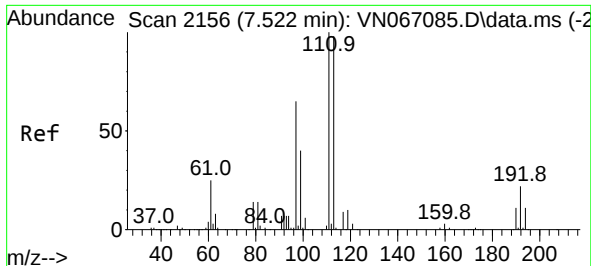
Tgt Ion: 65 Resp: 319666
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

Tgt Ion: 114 Resp: 983620
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.8
88 15.1 0.0 30.4

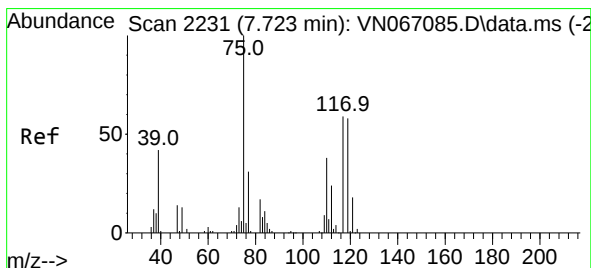
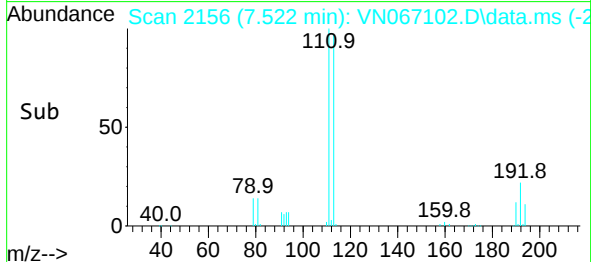
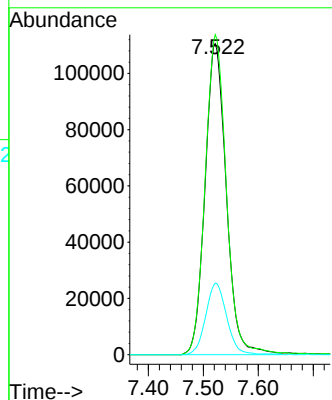
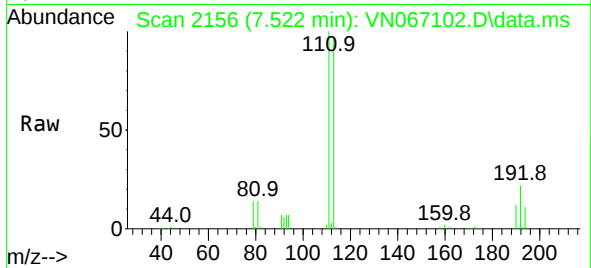




#35
Dibromofluoromethane
Concen: 45.89 ug/l
RT: 7.522 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

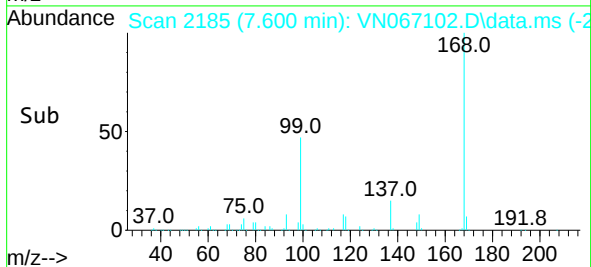
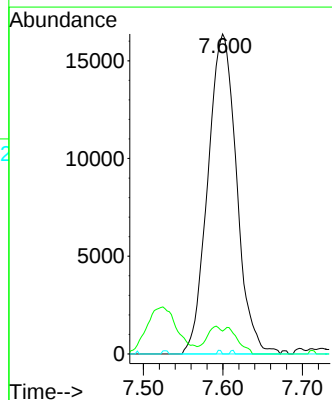
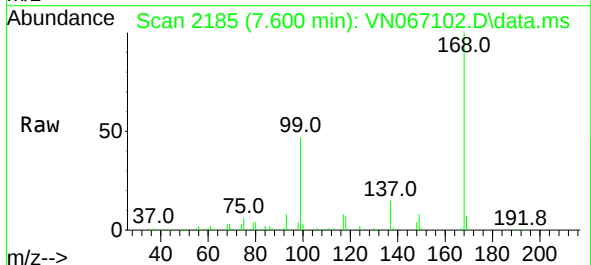
Instrument :
MSVOA_N
ClientSampleId :

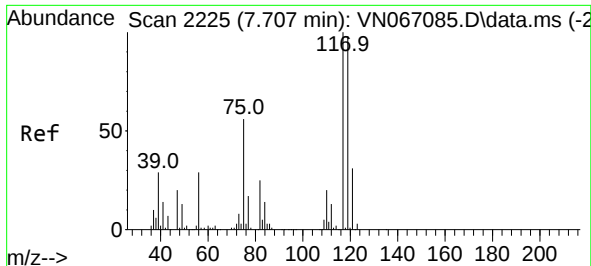
Tgt Ion:113 Resp: 296372
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 22.6 18.2 27.4



#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. -0.123 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

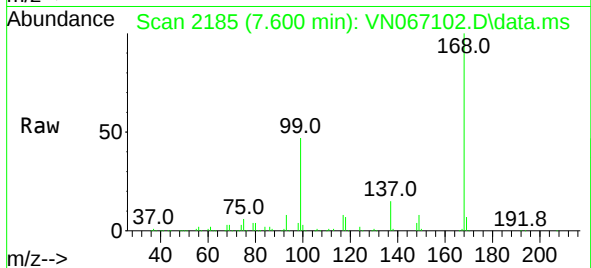
Tgt Ion: 75 Resp: 41129
Ion Ratio Lower Upper
75 100
110 3.0 19.1 57.3#
77 0.1 24.8 37.2#



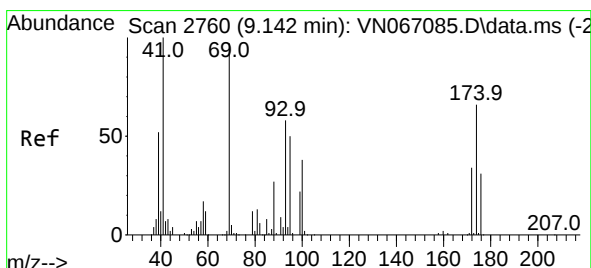
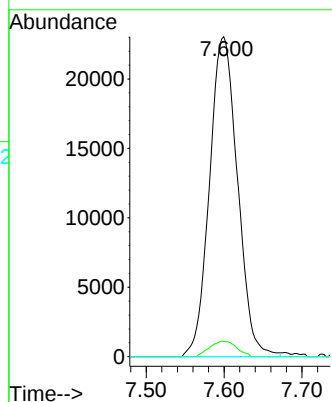
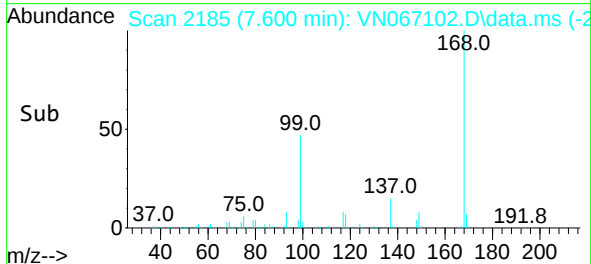


#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. -0.107 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

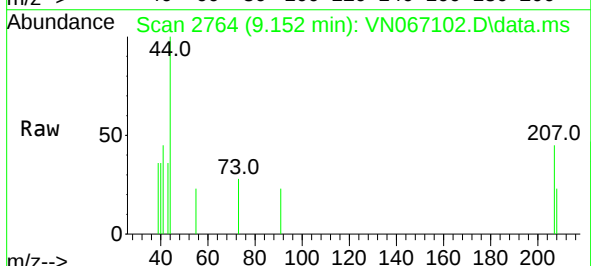
Instrument :
MSVOA_N
ClientSampled :



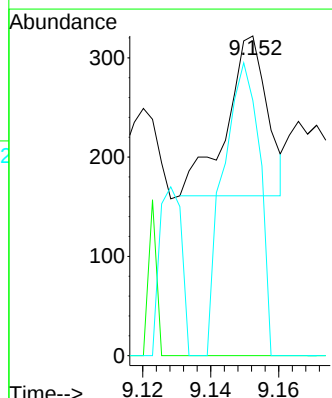
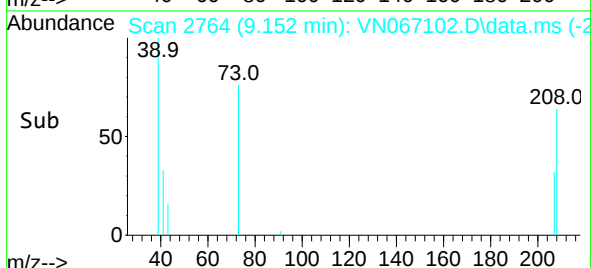
Tgt Ion:117 Resp: 57655
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.7 37.1#

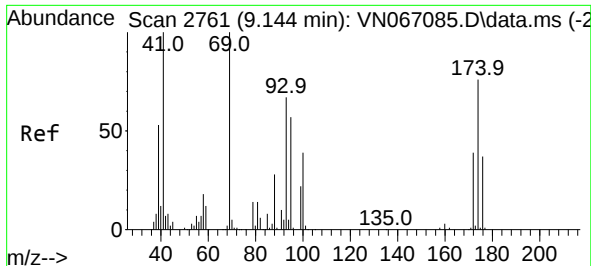


#48
Methyl methacrylate
Concen: 1.96 ug/l
RT: 9.152 min Scan# 2764
Delta R.T. 0.010 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31



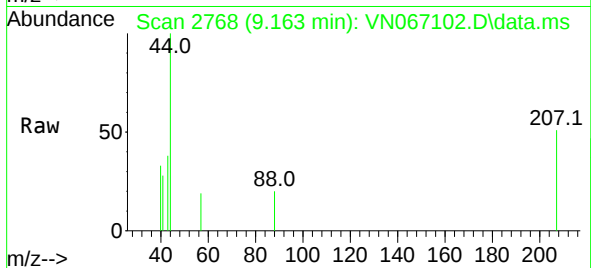
Tgt Ion: 41 Resp: 135
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 162.2 41.4 62.0#



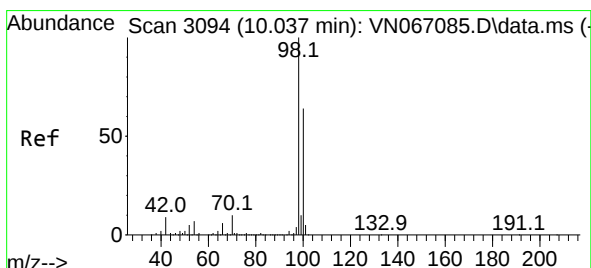
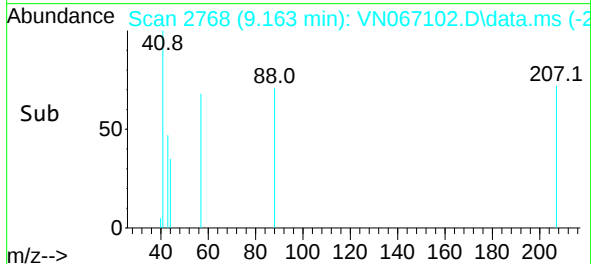
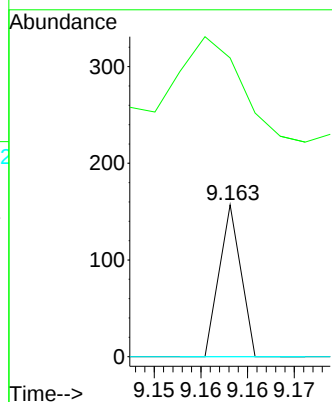


#49
1,4-Dioxane
Concen: 0.27 ug/l
RT: 9.163 min Scan# 2768
Delta R.T. 0.019 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

Instrument :
MSVOA_N
ClientSampled :

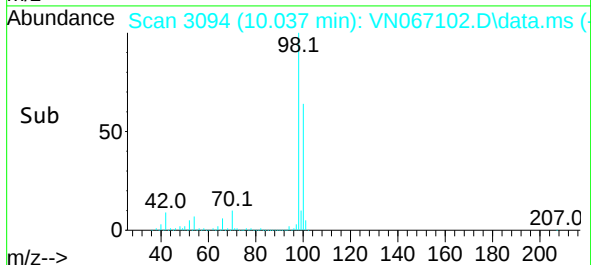
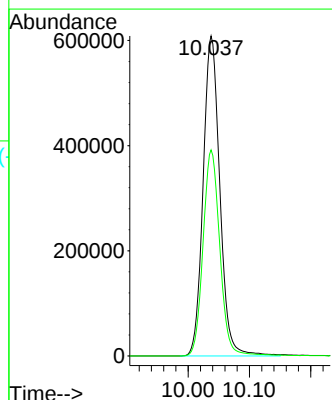
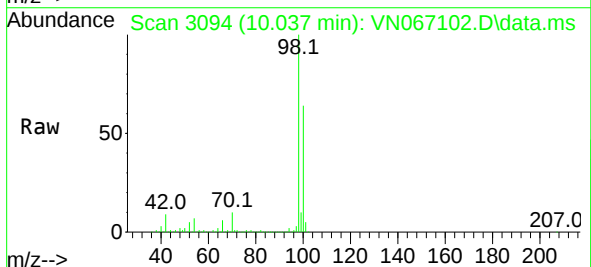


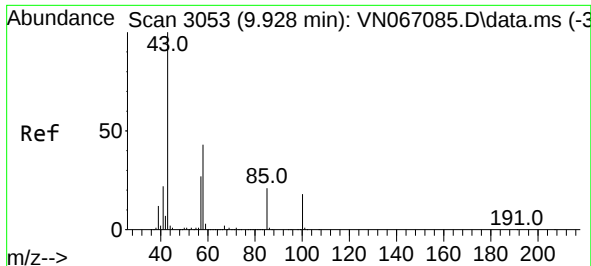
Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 196.0 21.8 32.8#
58 0.0 50.8 76.2#



#50
Toluene-d8
Concen: 47.19 ug/l
RT: 10.037 min Scan# 3094
Delta R.T. 0.000 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

Tgt Ion: 98 Resp: 1155120
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.8

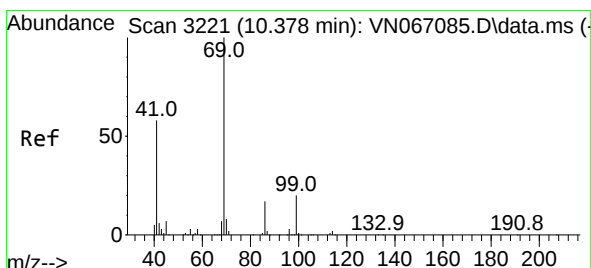
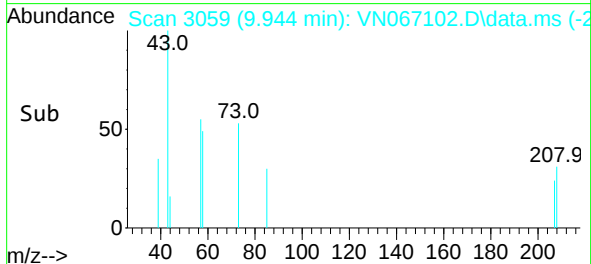
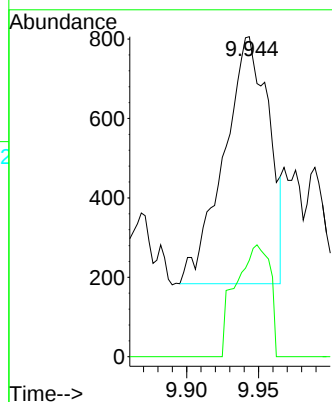
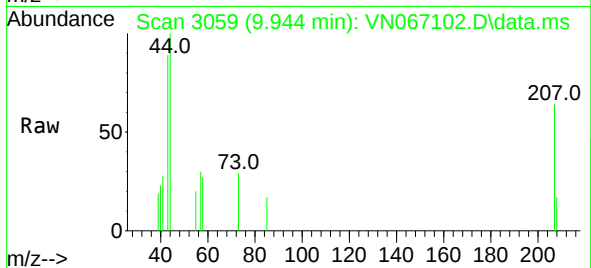




#51
4-Methyl-2-Pentanone
Concen: 5.57 ug/l
RT: 9.944 min Scan# 3059
Delta R.T. 0.016 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

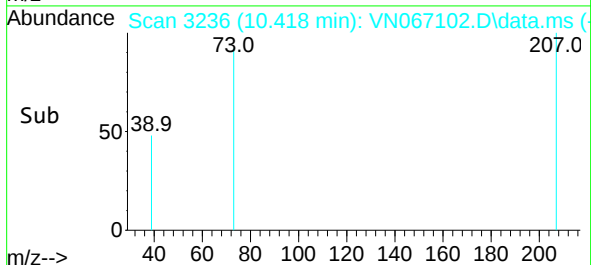
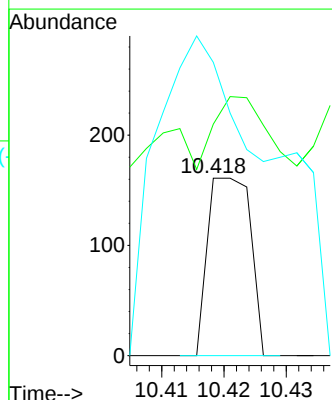
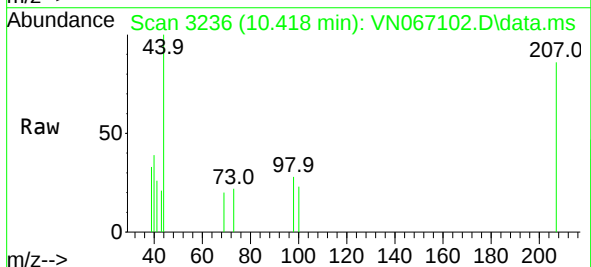
Instrument :
MSVOA_N
ClientSampled :

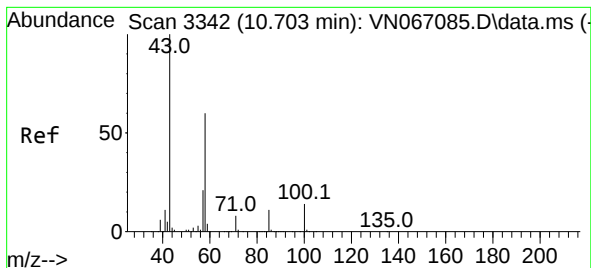
Tgt Ion: 43 Resp: 1360
Ion Ratio Lower Upper
43 100
58 34.3 34.5 51.7#



#56
Ethyl methacrylate
Concen: 1.95 ug/l
RT: 10.418 min Scan# 3236
Delta R.T. 0.040 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

Tgt Ion: 69 Resp: 76
Ion Ratio Lower Upper
69 100
41 48.7 45.5 68.3
39 493.4 22.9 34.3#

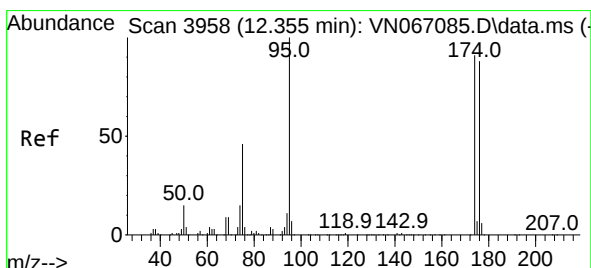
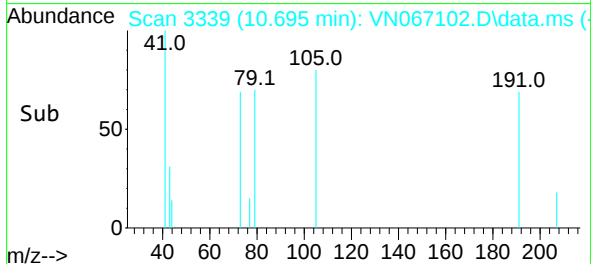
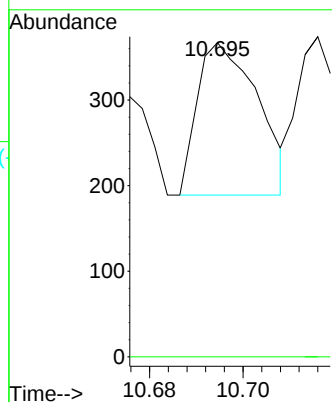
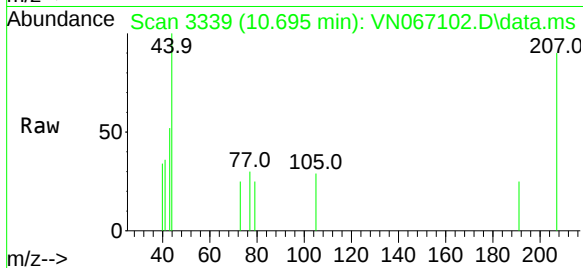




#59
2-Hexanone
Concen: 21.95 ug/l
RT: 10.695 min Scan# 3339
Delta R.T. -0.008 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

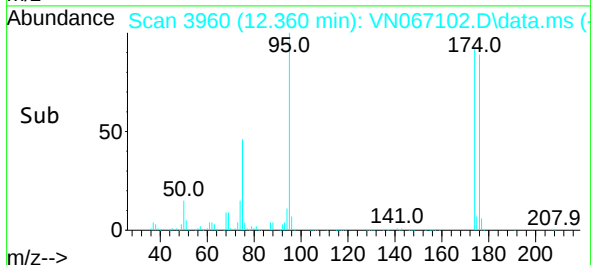
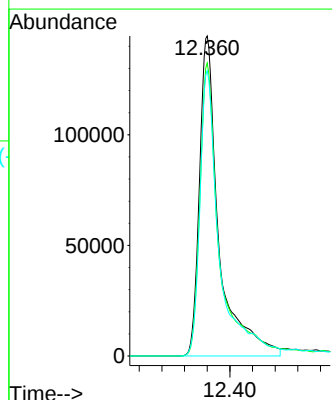
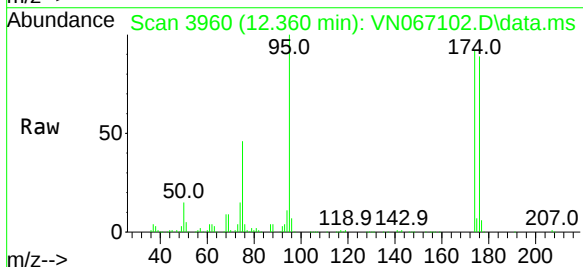
Instrument :
MSVOA_N
ClientSampled :

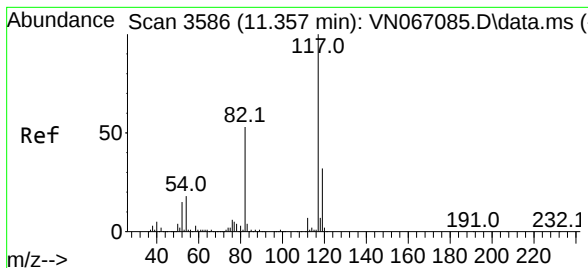
Tgt Ion: 43 Resp: 160
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#



#62
4-Bromofluorobenzene
Concen: 42.25 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.005 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

Tgt Ion: 95 Resp: 346432
Ion Ratio Lower Upper
95 100
174 92.6 0.0 182.8
176 82.9 0.0 176.6

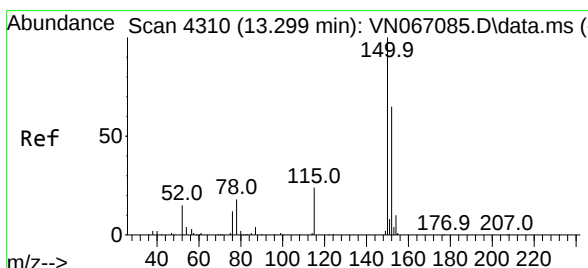
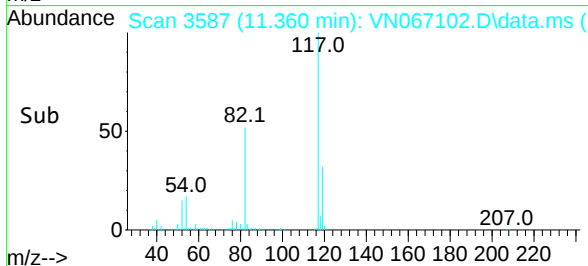
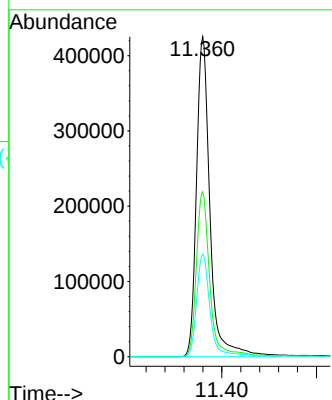
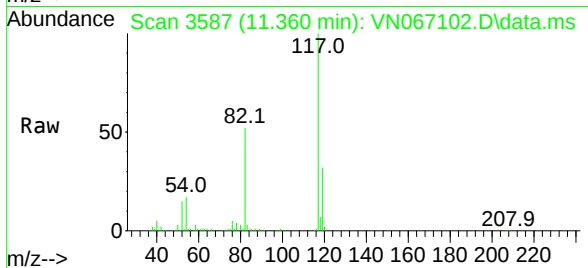




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

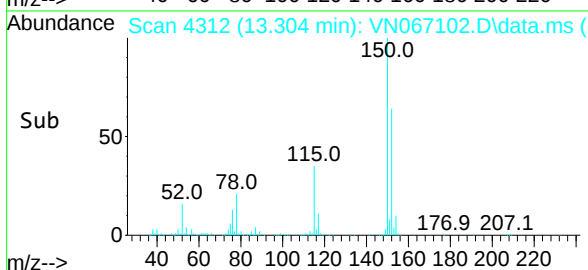
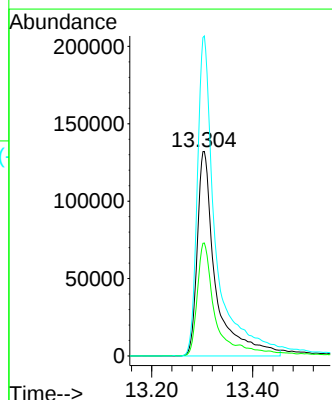
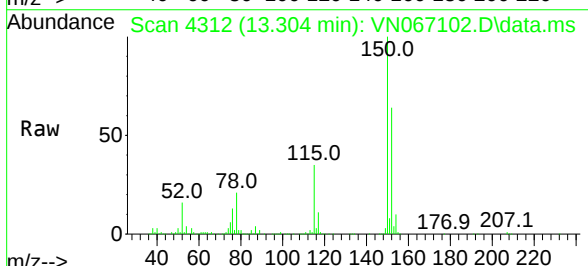
Instrument :
MSVOA_N
ClientSampleId :

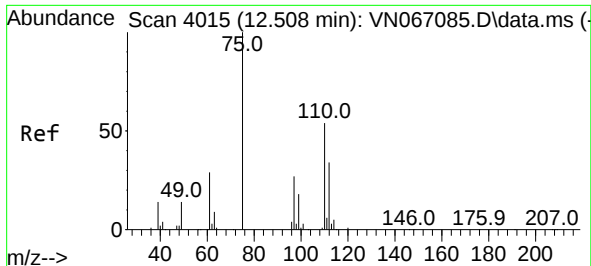
Tgt Ion:117 Resp: 841421
Ion Ratio Lower Upper
117 100
82 51.6 42.2 63.2
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.304 min Scan# 4312
Delta R.T. 0.005 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

Tgt Ion:152 Resp: 335617
Ion Ratio Lower Upper
152 100
115 48.1 27.0 80.8
150 159.5 0.0 350.2

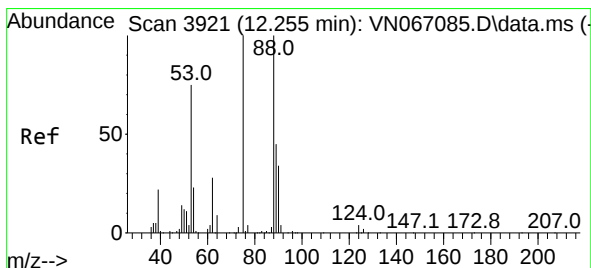
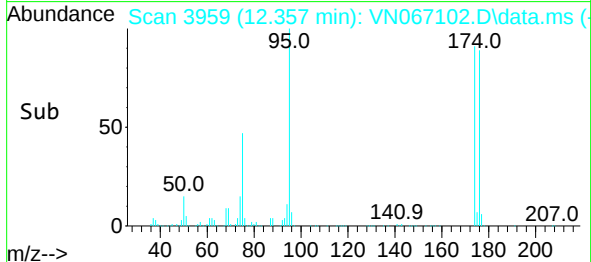
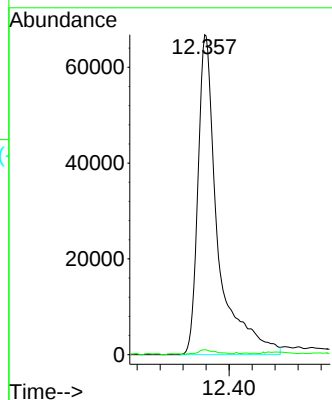
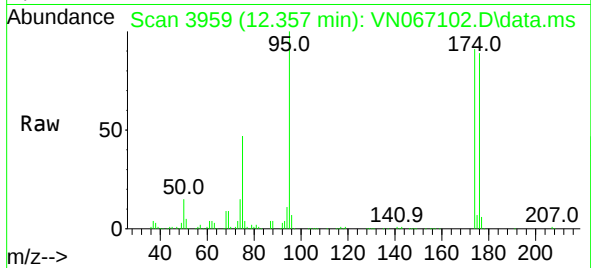




#76
1,2,3-Trichloropropane
Concen: 22.68 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. -0.151 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

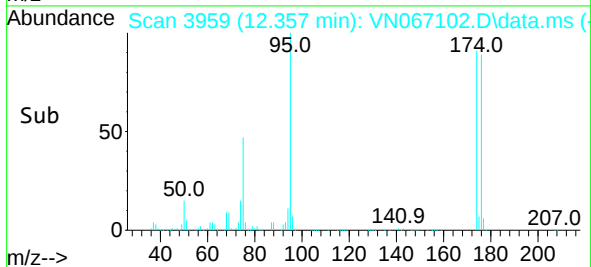
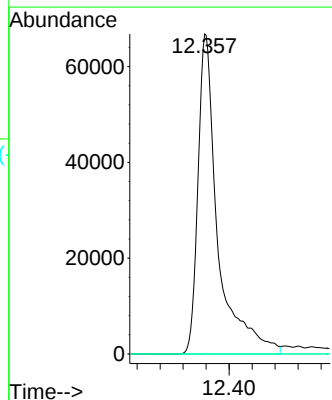
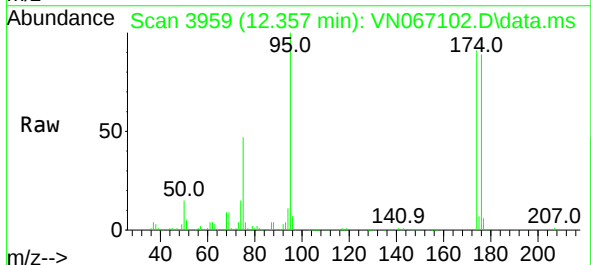
Instrument :
MSVOA_N
ClientSampled :

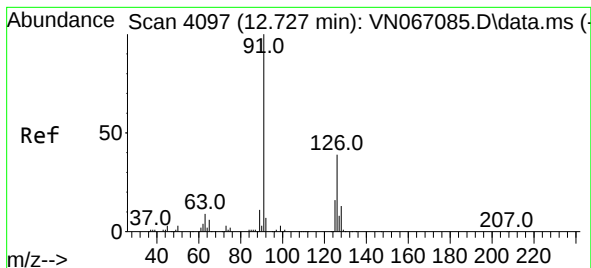
Tgt Ion: 75 Resp: 160659
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.04 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.102 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

Tgt Ion: 75 Resp: 160659
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#

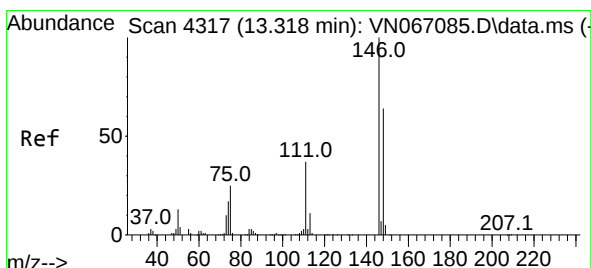
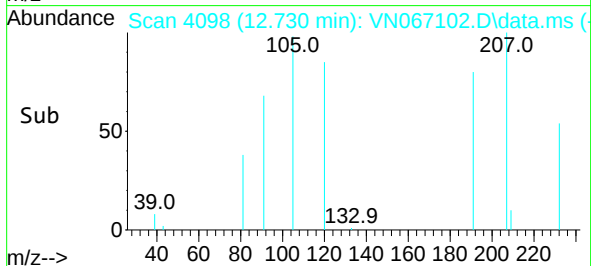
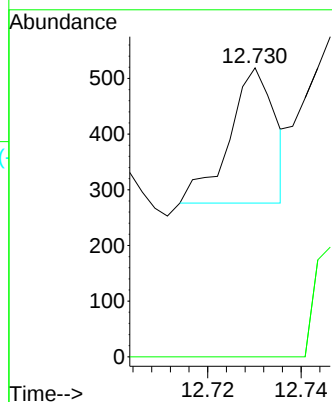
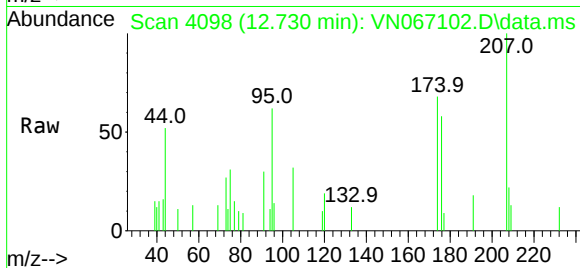




#82
4-Chlorotoluene
Concen: 1.19 ug/l
RT: 12.730 min Scan# 4098
Delta R.T. 0.003 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

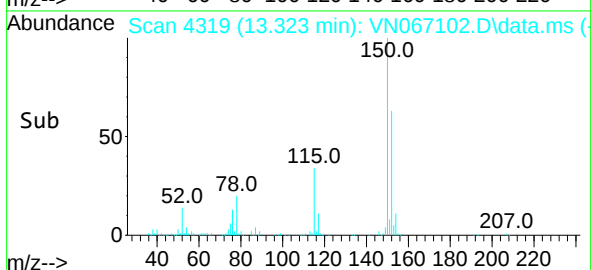
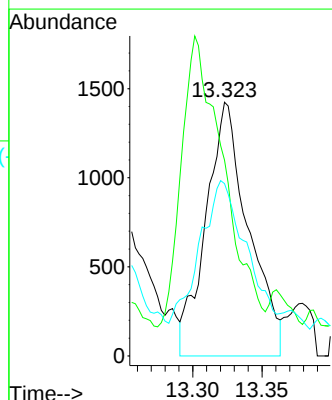
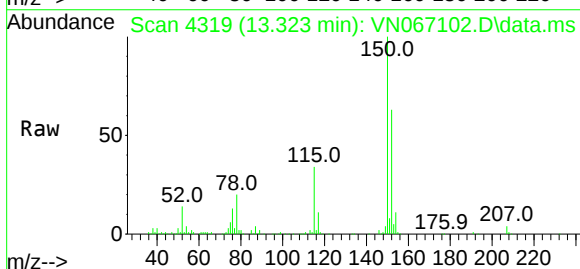
Instrument :
MSVOA_N
ClientSampled :

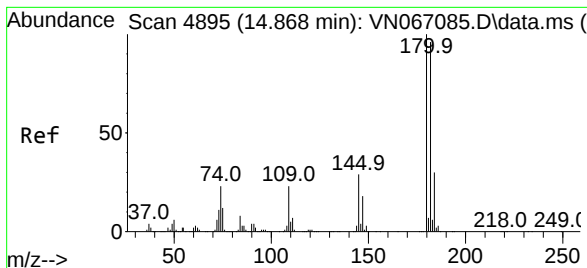
Tgt Ion: 91 Resp: 166
Ion Ratio Lower Upper
91 100
126 50.6 17.7 53.1



#88
1,4-Dichlorobenzene
Concen: 0.26 ug/l
RT: 13.323 min Scan# 4319
Delta R.T. 0.005 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

Tgt Ion:146 Resp: 3046
Ion Ratio Lower Upper
146 100
111 0.0 18.5 55.5#
148 58.4 31.4 94.3

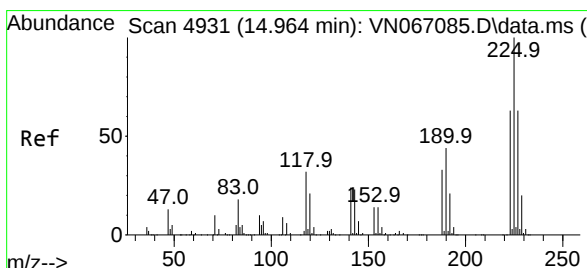
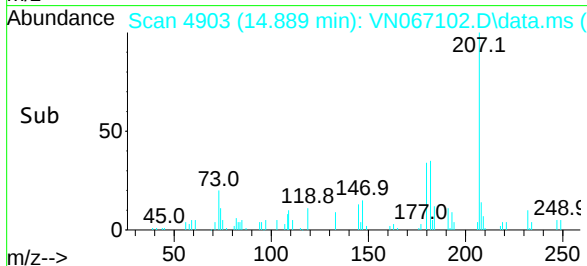
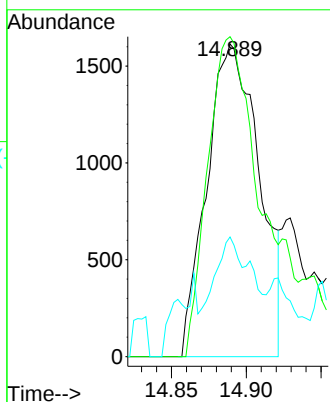
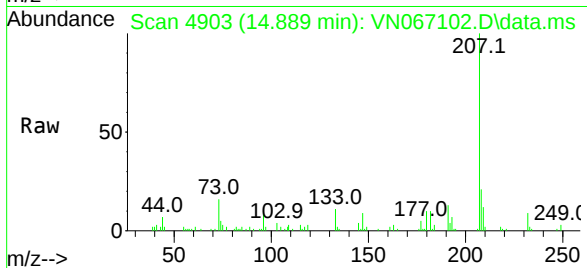




#93
1,2,4-Trichlorobenzene
Concen: 0.66 ug/l
RT: 14.889 min Scan# 4903
Delta R.T. 0.021 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

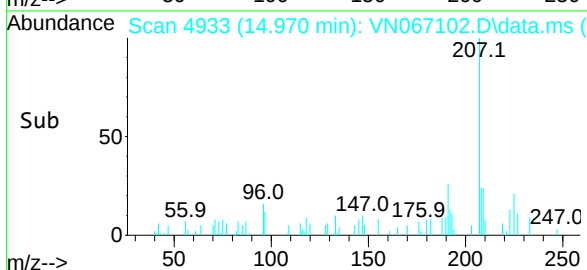
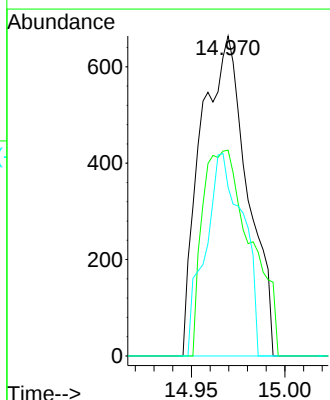
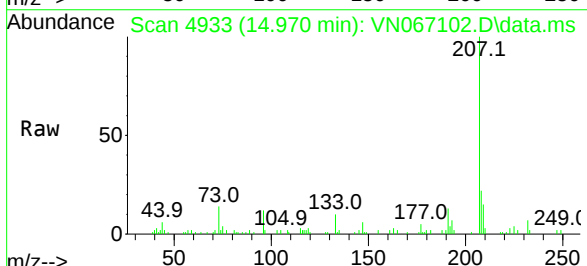
Instrument :
MSVOA_N
ClientSampled :

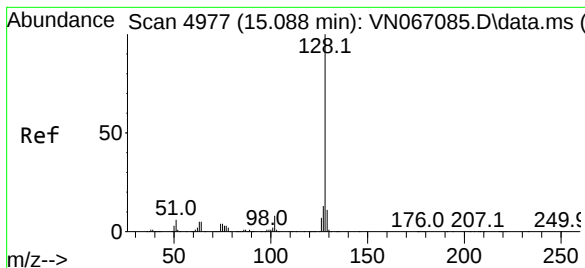
Tgt Ion:180 Resp: 3928
Ion Ratio Lower Upper
180 100
182 105.9 47.3 141.8
145 29.2 14.0 42.0



#94
Hexachlorobutadiene
Concen: 0.28 ug/l
RT: 14.970 min Scan# 4933
Delta R.T. 0.006 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

Tgt Ion:225 Resp: 1151
Ion Ratio Lower Upper
225 100
223 66.2 31.7 95.1
227 51.3 31.7 95.1

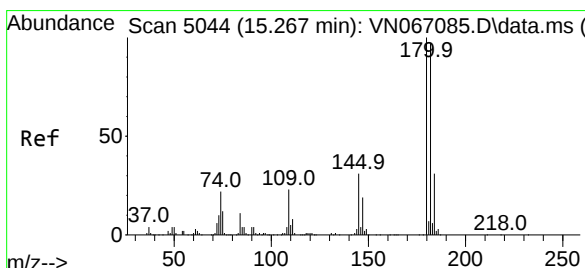
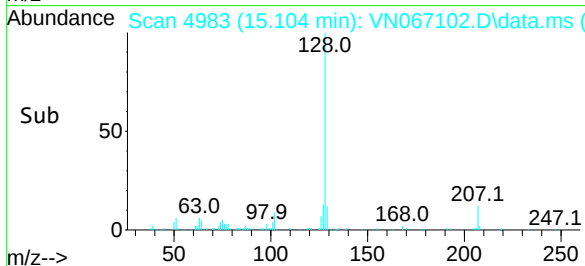
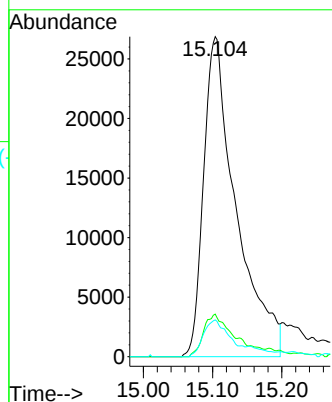
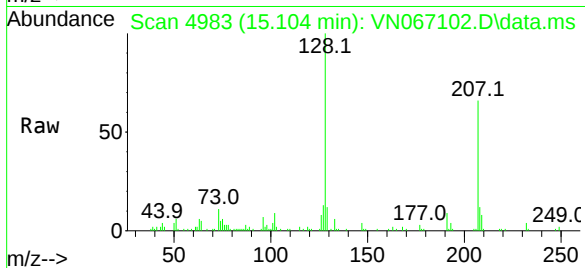




#95
Naphthalene
Concen: 9.00 ug/l
RT: 15.104 min Scan# 4983
Delta R.T. 0.016 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 87658
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 9.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.24 ug/l
RT: 15.278 min Scan# 5048
Delta R.T. 0.011 min
Lab File: VN067102.D
Acq: 17 May 2021 15:31

Tgt Ion:180 Resp: 6794
Ion Ratio Lower Upper
180 100
182 89.9 48.5 145.6
145 13.7 15.4 46.2#

