

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052621\
 Data File : VN067168.D
 Acq On : 26 May 2021 14:12
 Operator : JC/MD
 Sample : VN0526WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBL01

Quant Time: May 27 02:38:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 17:24:08 2021
 Response via : Initial Calibration

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

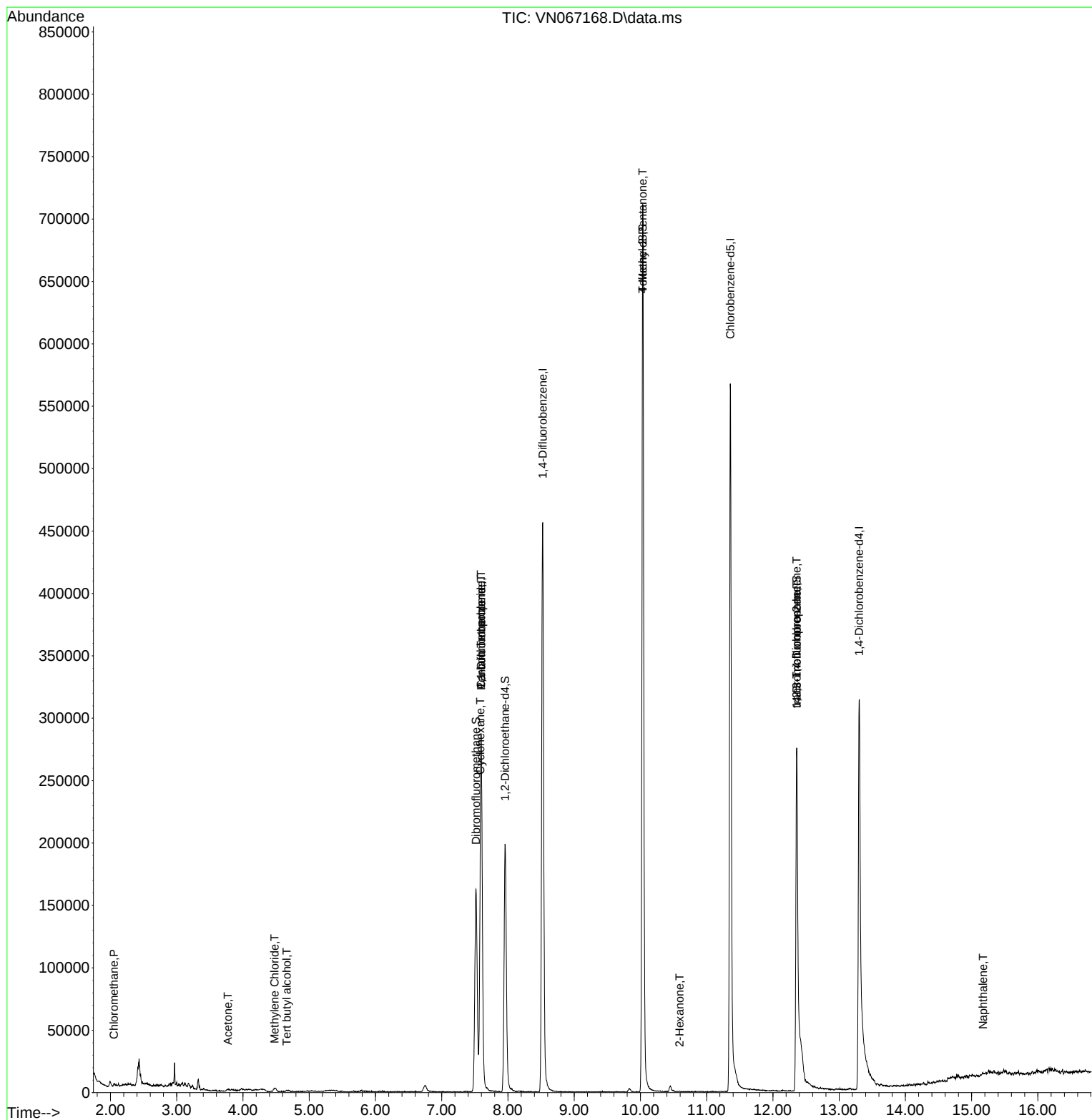
Internal Standards						
1) Pentafluorobenzene	7.597	168	227761	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.525	114	428021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	368789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.302	152	126378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	175801	49.74	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.48%		
35) Dibromofluoromethane	7.519	113	132691	50.52	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.04%		
50) Toluene-d8	10.035	98	499196	49.38	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.76%		
62) 4-Bromofluorobenzene	12.360	95	157728	45.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.28%		
Target Compounds						
3) Chloromethane	2.051	50	1292	0.32	ug/l	Qvalue 90
11) Tert butyl alcohol	4.660	59	498	0.67	ug/l	# 87
16) Acetone	3.773	43	1192	0.82	ug/l	# 86
20) Methylene Chloride	4.478	84	1376	0.39	ug/l	94
31) Cyclohexane	7.584	56	2294	0.42	ug/l	# 30
36) 1,1-Dichloropropene	7.594	75	19729	4.56	ug/l	# 47
38) Carbon Tetrachloride	7.594	117	24254	5.75	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.032	43	2536	0.55	ug/l	# 1
59) 2-Hexanone	10.593	43	50	18.88	ug/l	# 21
76) 1,2,3-Trichloropropane	12.358	75	66283	18.84	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.358	75	66283	54.78	ug/l	# 15
95) Naphthalene	15.171	128	160	3.89	ug/l	# 69

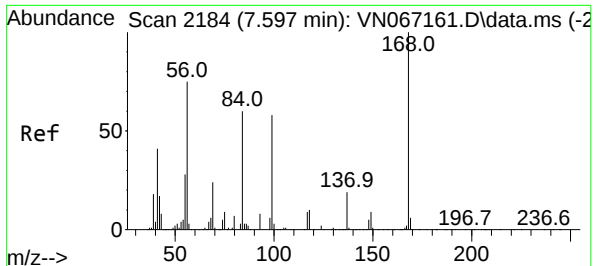
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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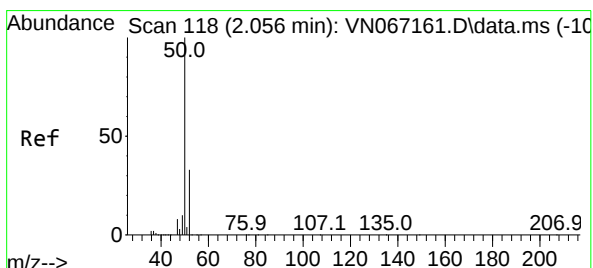
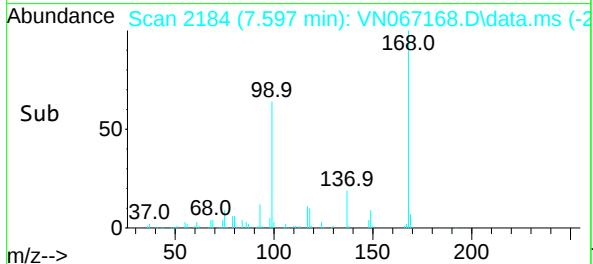
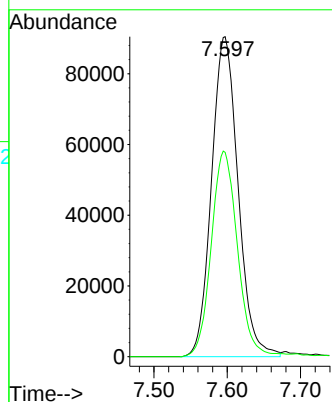
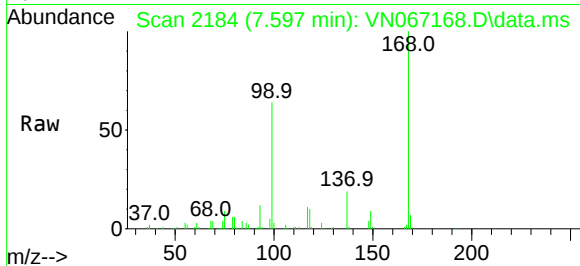




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VN067168.D
Acq: 26 May 2021 14:12

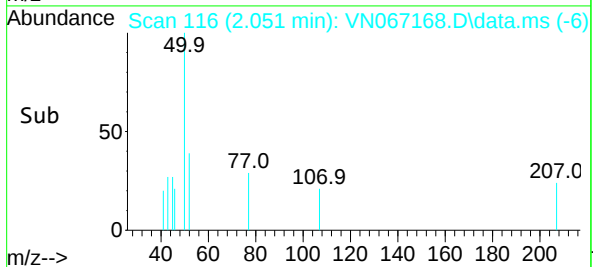
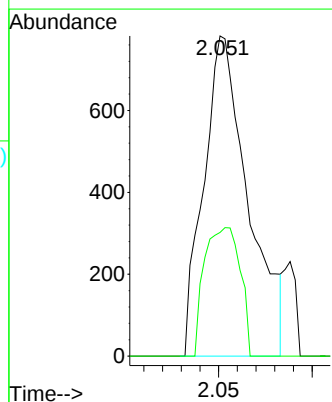
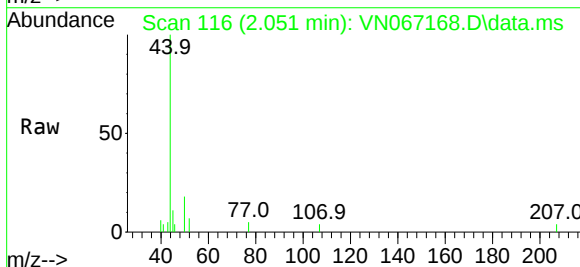
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBL01

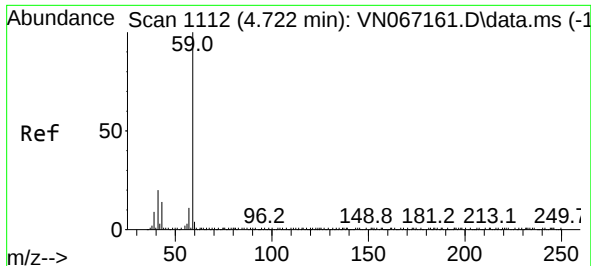
Tgt Ion:168 Resp: 227761
Ion Ratio Lower Upper
168 100
99 63.8 38.5 57.7#



#3
Chloromethane
Concen: 0.32 ug/l
RT: 2.051 min Scan# 116
Delta R.T. -0.005 min
Lab File: VN067168.D
Acq: 26 May 2021 14:12

Tgt Ion: 50 Resp: 1292
Ion Ratio Lower Upper
50 100
52 38.6 26.5 39.7



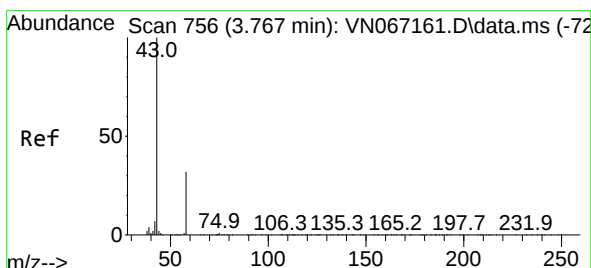
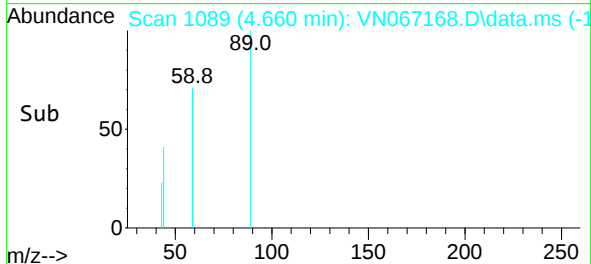
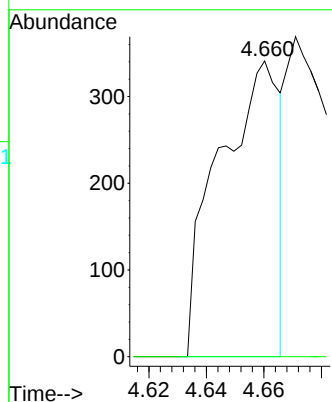
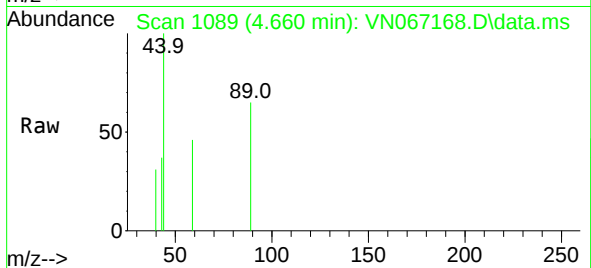


#11

Tert butyl alcohol
Concen: 0.67 ug/l
RT: 4.660 min Scan# 1089
Delta R.T. -0.062 min
Lab File: VN067168.D
Acq: 26 May 2021 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBL01

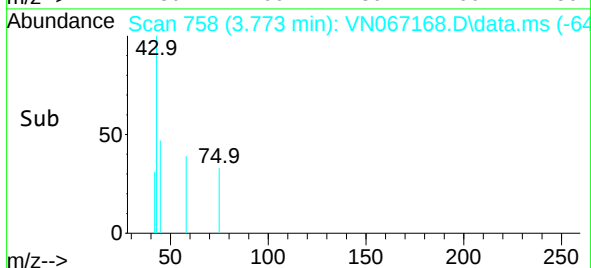
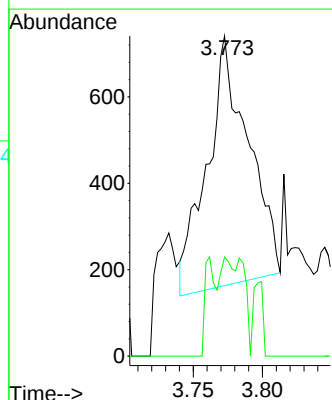
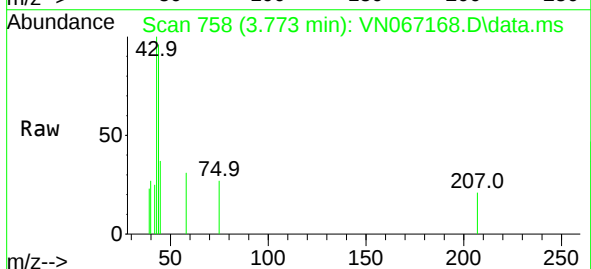
Tgt Ion: 59 Resp: 498
Ion Ratio Lower Upper
59 100
57 0.0 3.5 5.3#

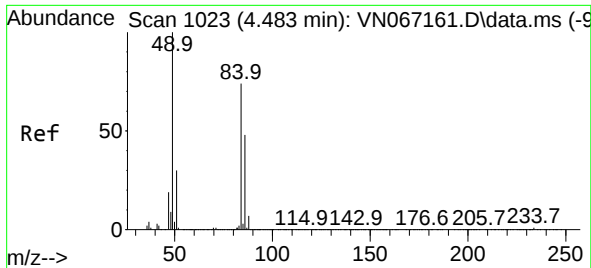


#16

Acetone
Concen: 0.82 ug/l
RT: 3.773 min Scan# 758
Delta R.T. 0.006 min
Lab File: VN067168.D
Acq: 26 May 2021 14:12

Tgt Ion: 43 Resp: 1192
Ion Ratio Lower Upper
43 100
58 41.8 27.2 40.8#

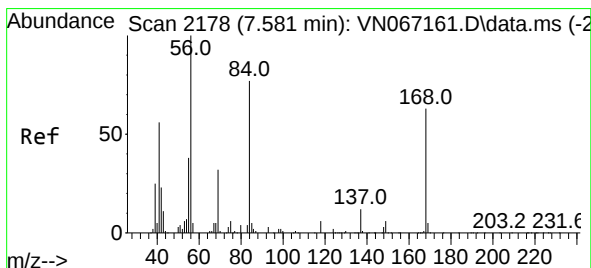
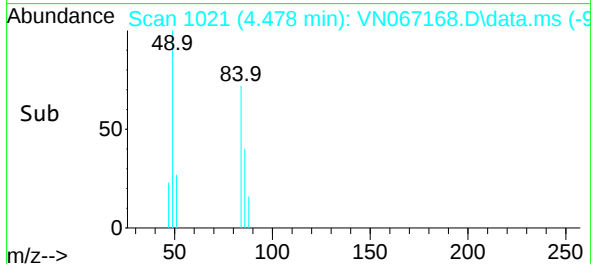
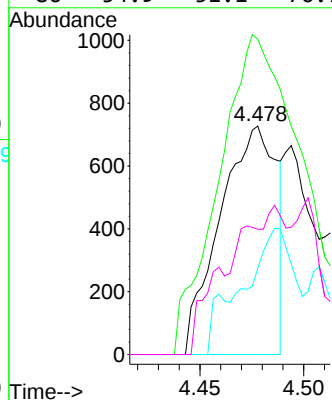
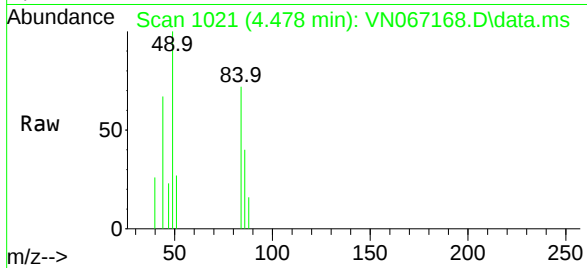




#20
Methylene Chloride
Concen: 0.39 ug/l
RT: 4.478 min Scan# 1021
Delta R.T. -0.005 min
Lab File: VN067168.D
Acq: 26 May 2021 14:12

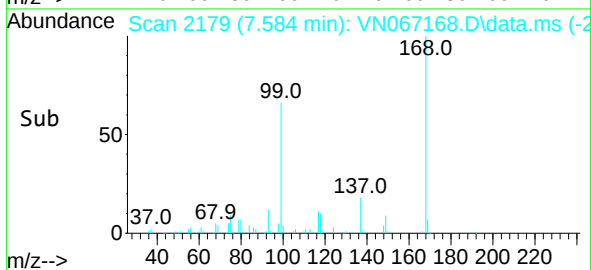
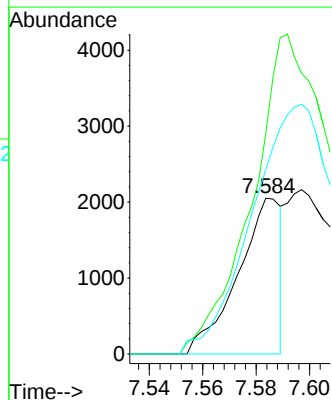
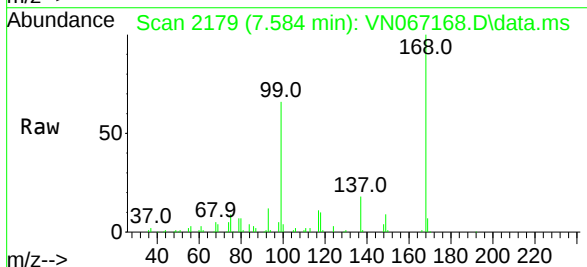
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBL01

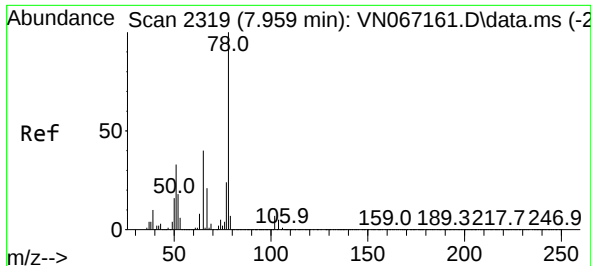
Tgt Ion:	84	Resp:	1376
Ion	Ratio	Lower	Upper
84	100		
49	113.8	88.3	132.5
51	37.8	26.7	40.1
86	54.9	51.1	76.7



#31
Cyclohexane
Concen: 0.42 ug/l
RT: 7.584 min Scan# 2179
Delta R.T. 0.003 min
Lab File: VN067168.D
Acq: 26 May 2021 14:12

Tgt Ion:	56	Resp:	2294
Ion	Ratio	Lower	Upper
56	100		
69	141.6	28.0	42.0#
84	118.4	74.2	111.2#

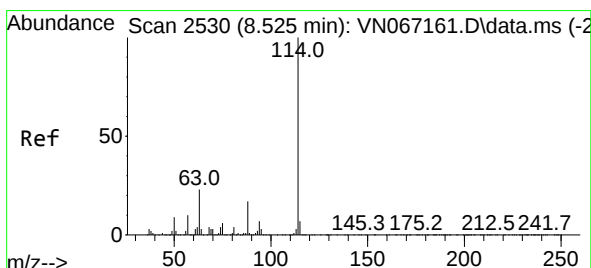
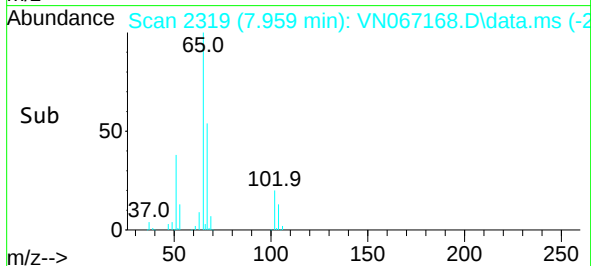
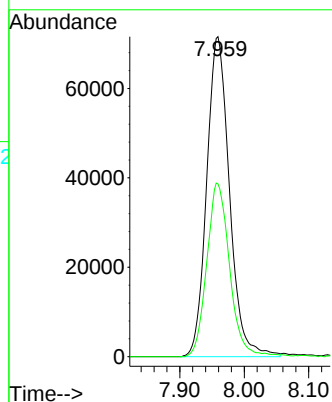
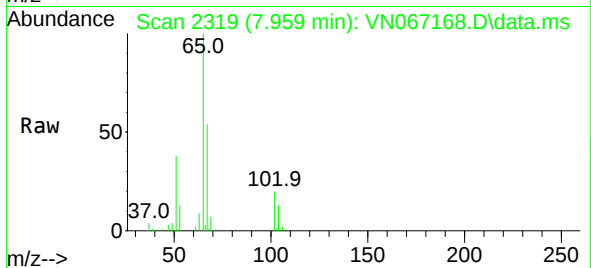




#33
 1,2-Dichloroethane-d4
 Concen: 49.74 ug/l
 RT: 7.959 min Scan# 2319
 Delta R.T. 0.000 min
 Lab File: VN067168.D
 Acq: 26 May 2021 14:12

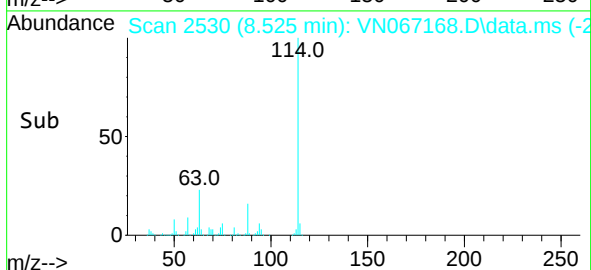
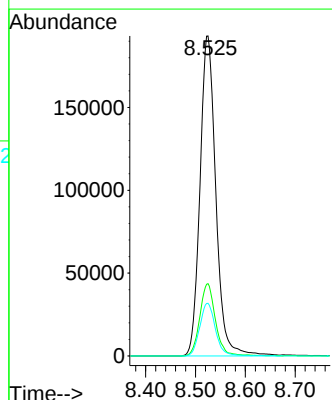
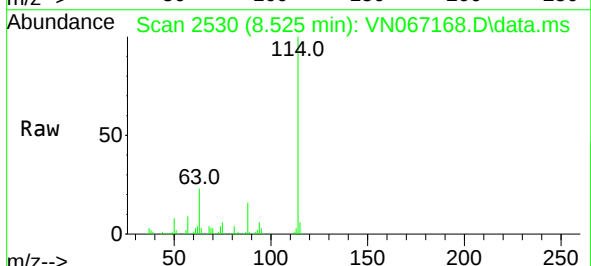
Instrument :
 MSVOA_N
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 VN0526WBL01

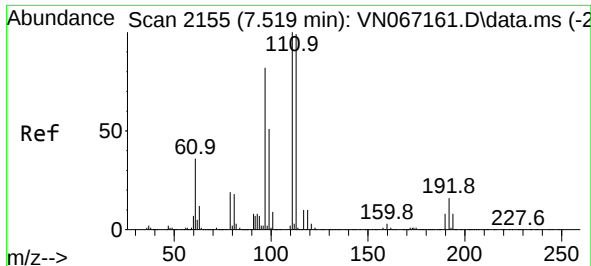
Tgt Ion: 65 Resp: 175801
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.525 min Scan# 2530
 Delta R.T. 0.000 min
 Lab File: VN067168.D
 Acq: 26 May 2021 14:12

Tgt Ion: 114 Resp: 428021
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 35.8
 88 16.4 0.0 30.4

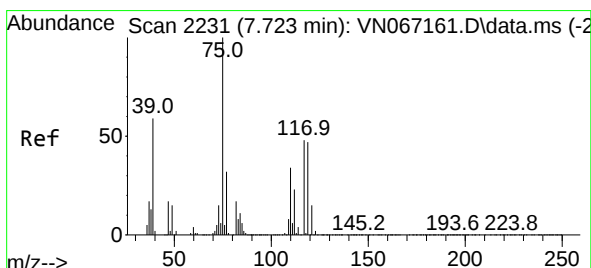
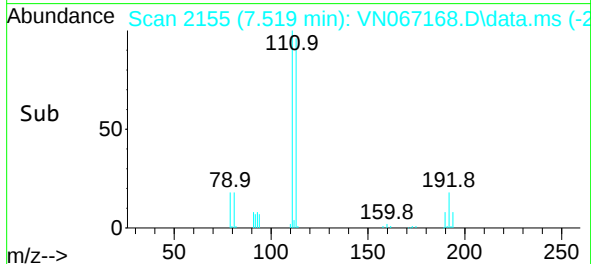
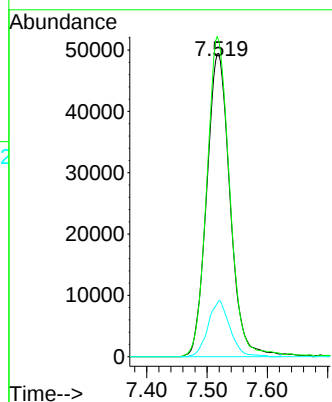
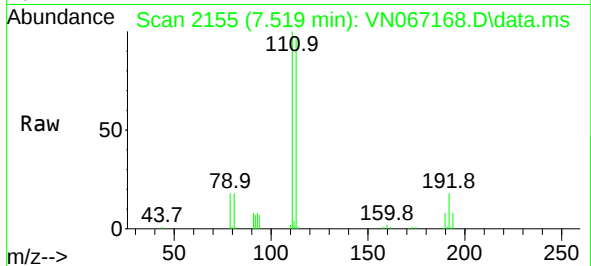




#35
Dibromofluoromethane
Concen: 50.52 ug/l
RT: 7.519 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VN067168.D
Acq: 26 May 2021 14:12

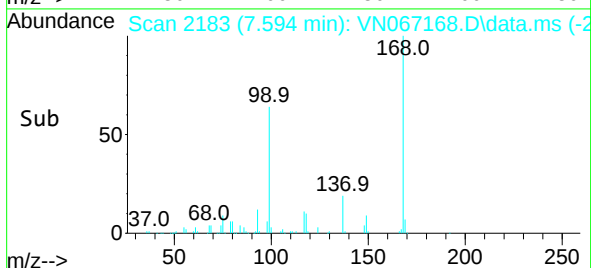
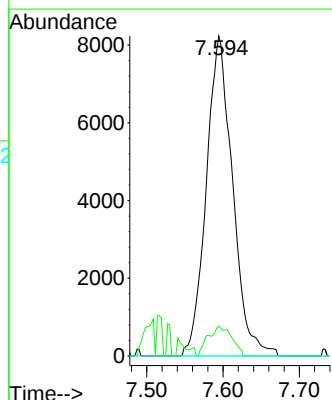
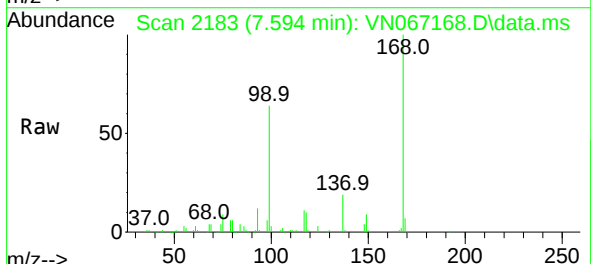
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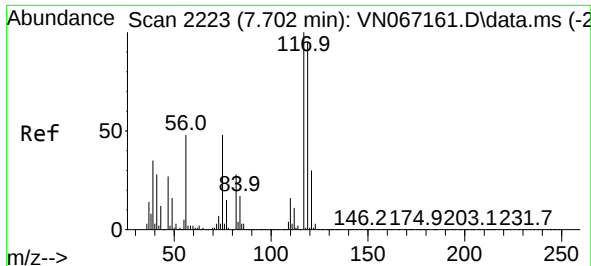
Tgt Ion:113 Resp: 132691
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 17.3 18.2 27.4#



#36
1,1-Dichloropropene
Concen: 4.56 ug/l
RT: 7.594 min Scan# 2183
Delta R.T. -0.129 min
Lab File: VN067168.D
Acq: 26 May 2021 14:12

Tgt Ion: 75 Resp: 19729
Ion Ratio Lower Upper
75 100
110 8.3 19.1 57.3#
77 0.0 24.8 37.2#

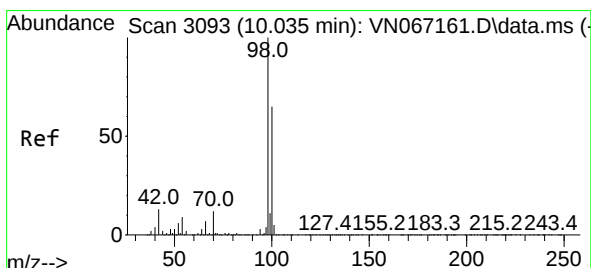
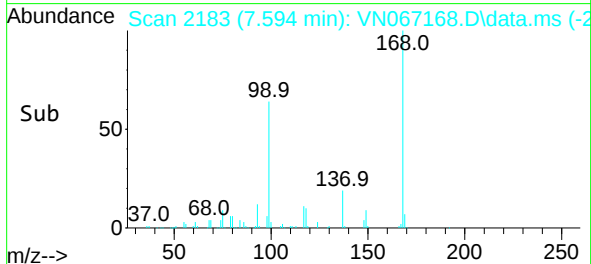
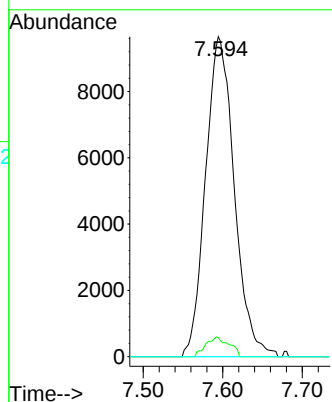
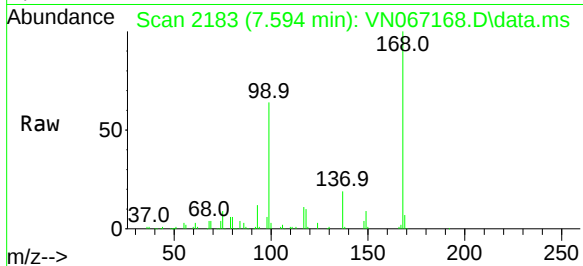




#38
Carbon Tetrachloride
Concen: 5.75 ug/l
RT: 7.594 min Scan# 2183
Delta R.T. -0.108 min
Lab File: VN067168.D
Acq: 26 May 2021 14:12

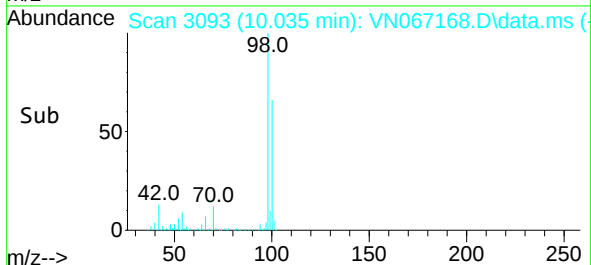
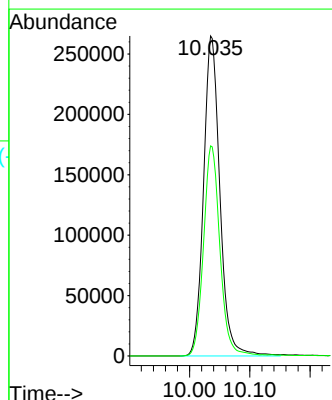
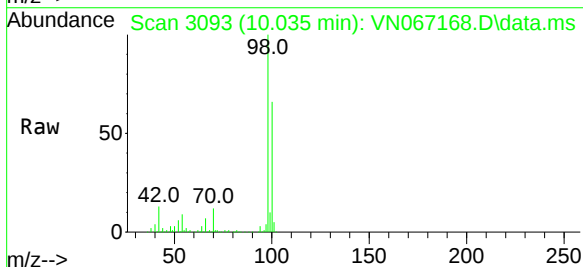
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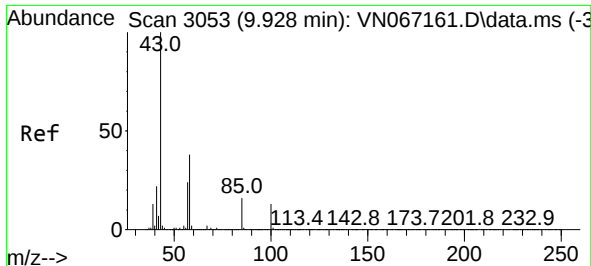
Tgt Ion:117 Resp: 24254
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.38 ug/l
RT: 10.035 min Scan# 3093
Delta R.T. -0.000 min
Lab File: VN067168.D
Acq: 26 May 2021 14:12

Tgt Ion: 98 Resp: 499196
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.8

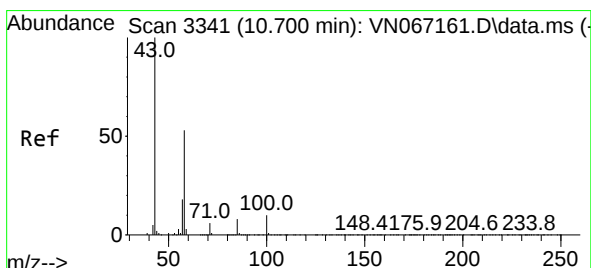
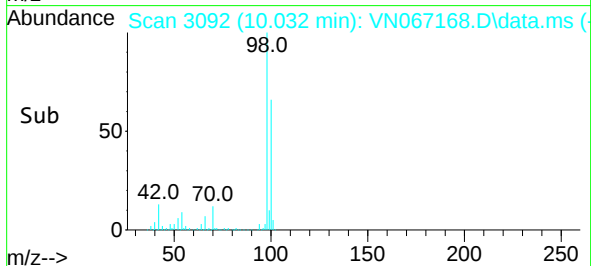
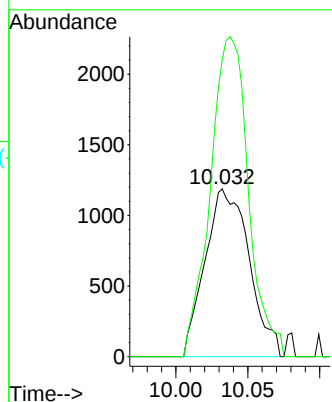
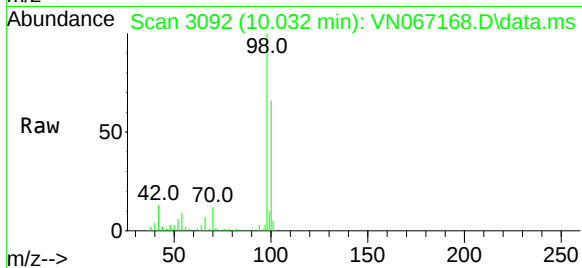




#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 10.032 min Scan# 3092
Delta R.T. 0.104 min
Lab File: VN067168.D
Acq: 26 May 2021 14:12

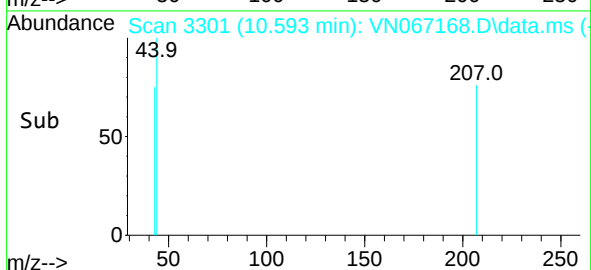
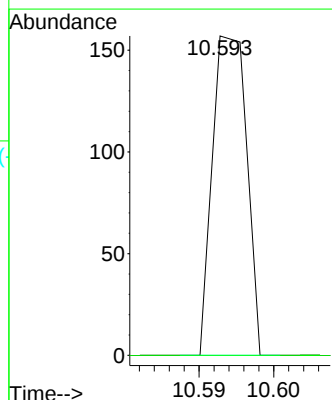
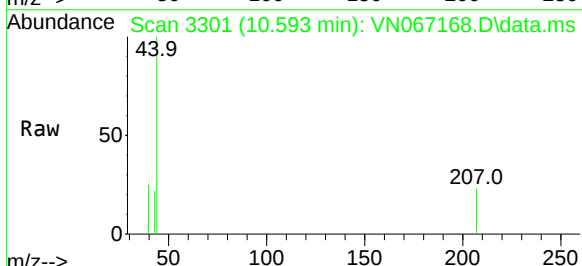
Instrument :
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VN0526WBL01

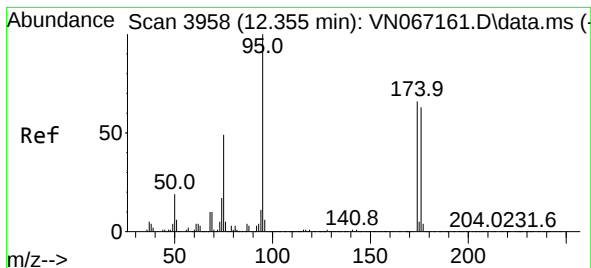
Tgt Ion: 43 Resp: 2536
Ion Ratio Lower Upper
43 100
58 165.1 34.5 51.7#



#59
2-Hexanone
Concen: 18.88 ug/l
RT: 10.593 min Scan# 3301
Delta R.T. -0.107 min
Lab File: VN067168.D
Acq: 26 May 2021 14:12

Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#

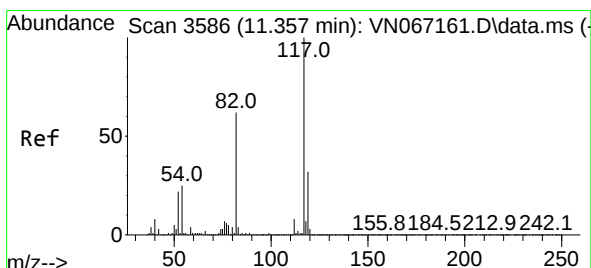
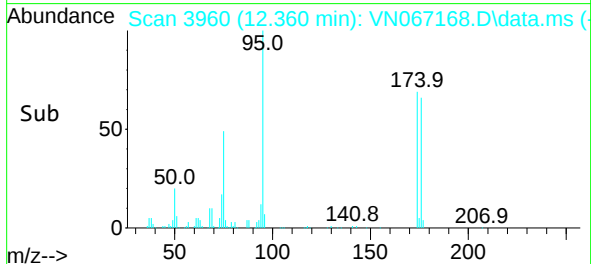
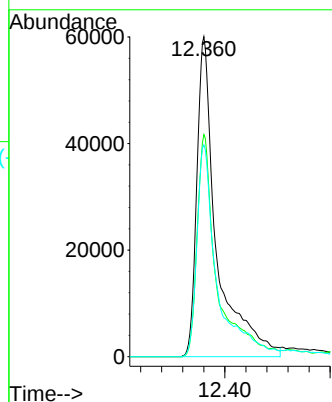
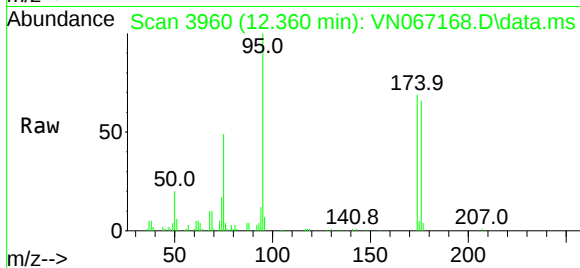




#62
4-Bromofluorobenzene
Concen: 45.64 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.005 min
Lab File: VN067168.D
Acq: 26 May 2021 14:12

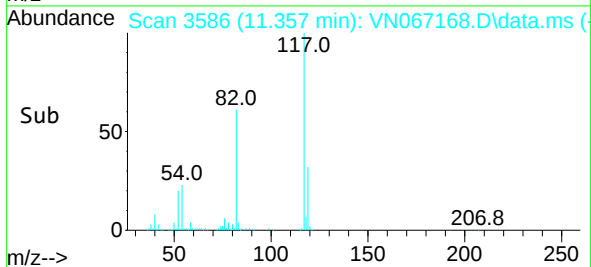
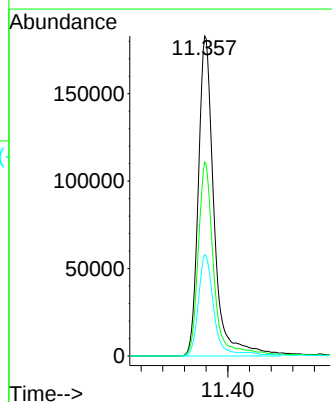
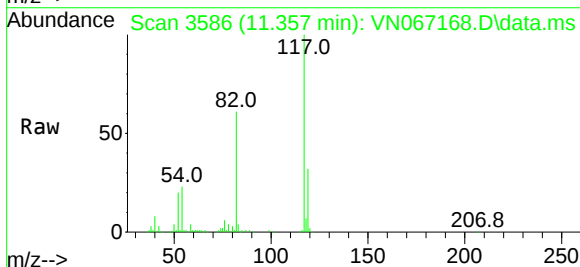
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBL01

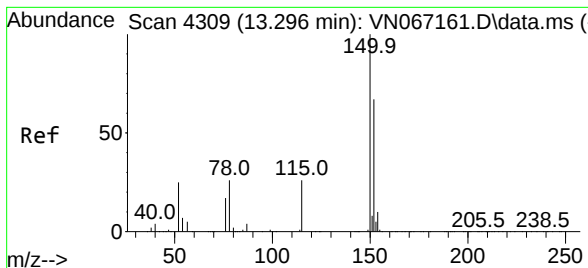
Tgt Ion: 95 Resp: 157728
Ion Ratio Lower Upper
95 100
174 68.1 0.0 182.8
176 66.3 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.357 min Scan# 3586
Delta R.T. 0.000 min
Lab File: VN067168.D
Acq: 26 May 2021 14:12

Tgt Ion: 117 Resp: 368789
Ion Ratio Lower Upper
117 100
82 60.6 42.2 63.2
119 31.7 25.8 38.6

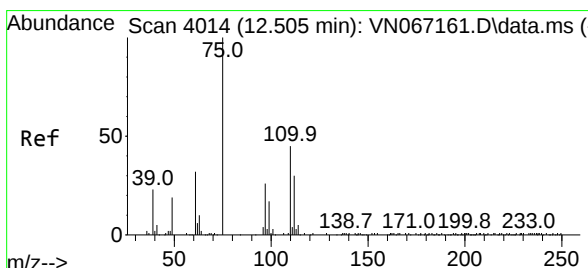
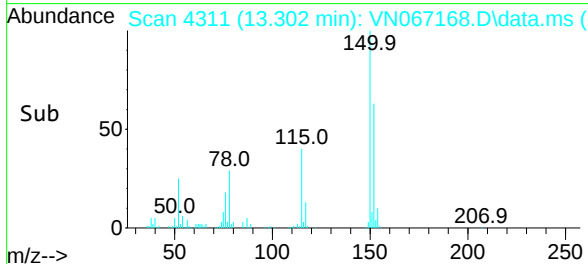
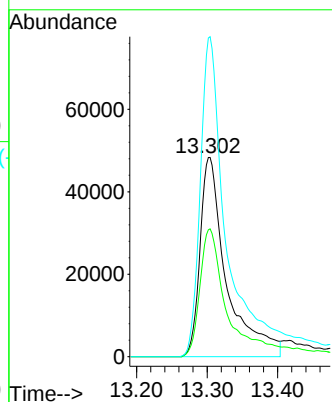
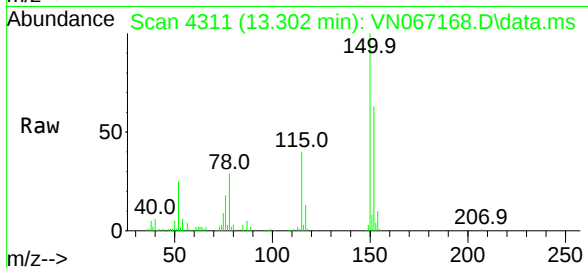




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.302 min Scan# 4311
 Delta R.T. 0.006 min
 Lab File: VN067168.D
 Acq: 26 May 2021 14:12

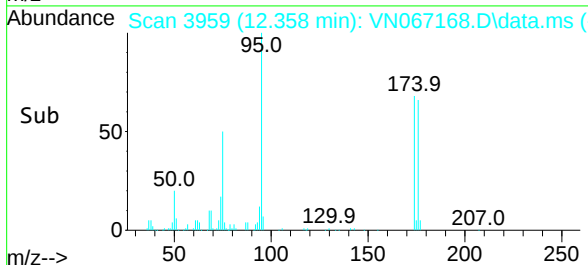
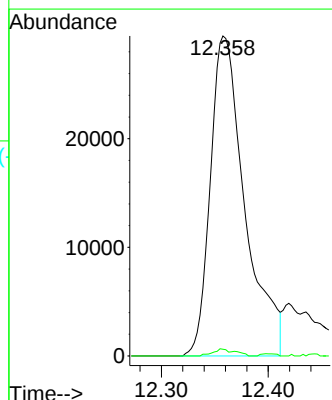
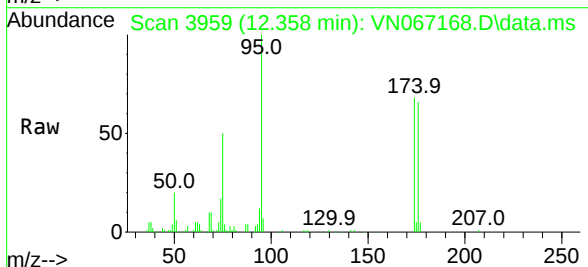
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBL01

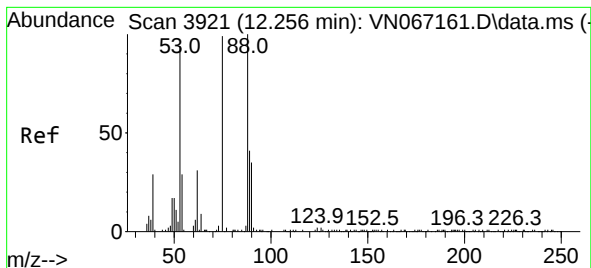
Tgt Ion:152 Resp: 126378
 Ion Ratio Lower Upper
 152 100
 115 66.7 27.0 80.8
 150 170.4 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 18.84 ug/l
 RT: 12.358 min Scan# 3959
 Delta R.T. -0.147 min
 Lab File: VN067168.D
 Acq: 26 May 2021 14:12

Tgt Ion: 75 Resp: 66283
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

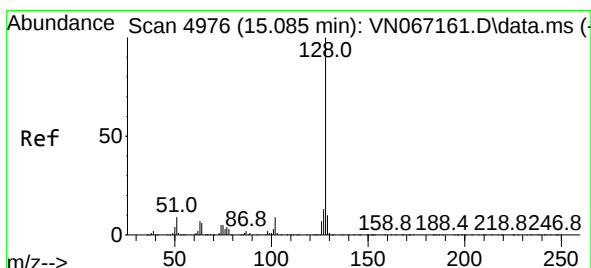
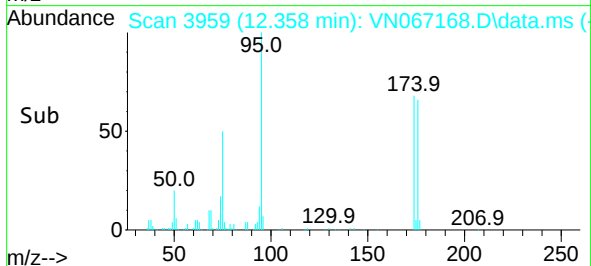
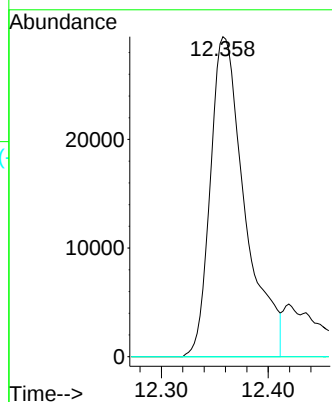
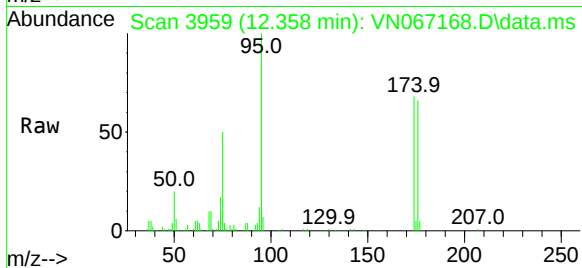




#81
trans-1,4-Dichloro-2-butene
Concen: 54.78 ug/l
RT: 12.358 min Scan# 3959
Delta R.T. 0.102 min
Lab File: VN067168.D
Acq: 26 May 2021 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBL01

Tgt Ion: 75 Resp: 66283
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 3.89 ug/l
RT: 15.171 min Scan# 5008
Delta R.T. 0.086 min
Lab File: VN067168.D
Acq: 26 May 2021 14:12

Tgt Ion: 128 Resp: 160
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

