

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067358.D
 Acq On : 15 Jun 2021 20:03
 Operator : JC/MD
 Sample : M2709-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 02:41:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

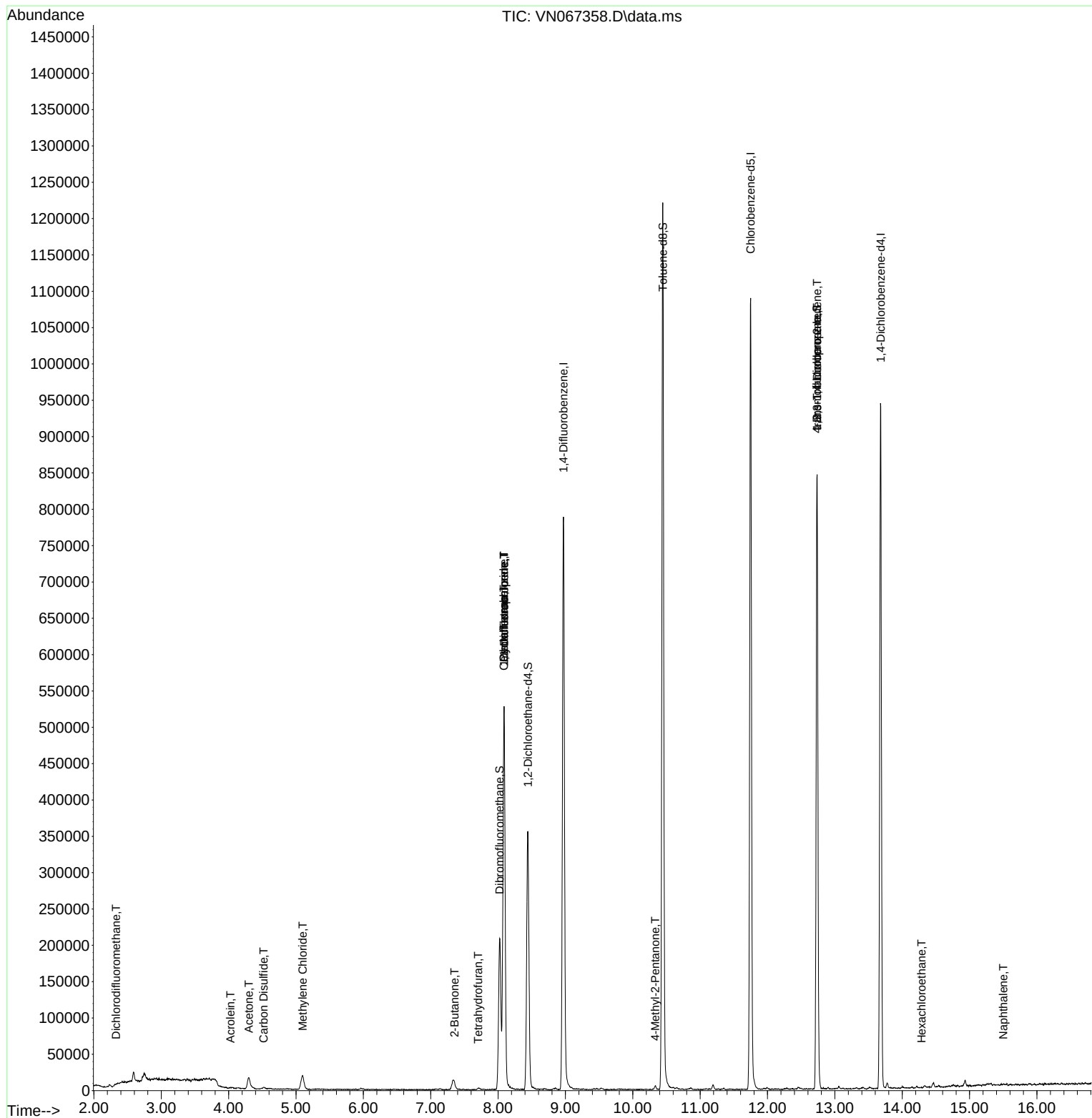
Internal Standards						
1) Pentafluorobenzene	8.088	168	333581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	640989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	579954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	218185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	319630	48.571	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.140%		
35) Dibromofluoromethane	8.024	113	149733	35.123	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	70.240%		
50) Toluene-d8	10.446	98	828229	50.688	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.380%		
62) 4-Bromofluorobenzene	12.733	95	316053	46.870	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.740%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.330	85	27	1.331	ug/l #	43
13) Acrolein	4.028	56	358	0.529	ug/l #	68
16) Acetone	4.299	43	30386	12.033	ug/l	95
17) Carbon Disulfide	4.519	76	4790	0.371	ug/l #	78
20) Methylene Chloride	5.098	84	14036	2.671	ug/l	85
25) 2-Butanone	7.353	43	8735	2.421	ug/l	91
29) Tetrahydrofuran	7.705	42	1058	0.465	ug/l #	65
31) Cyclohexane	8.088	56	12548	1.403	ug/l #	38
36) 1,1-Dichloropropene	8.091	75	38159	5.310	ug/l #	51
38) Carbon Tetrachloride	8.086	117	41717	5.401	ug/l #	17
51) 4-Methyl-2-Pentanone	10.336	43	3369	0.428	ug/l #	61
76) 1,2,3-Trichloropropane	12.736	75	186167	32.857	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	186167	81.431	ug/l #	6
90) Hexachloroethane	14.286	117	797	0.254	ug/l #	16
95) Naphthalene	15.501	128	654	2.654	ug/l #	69

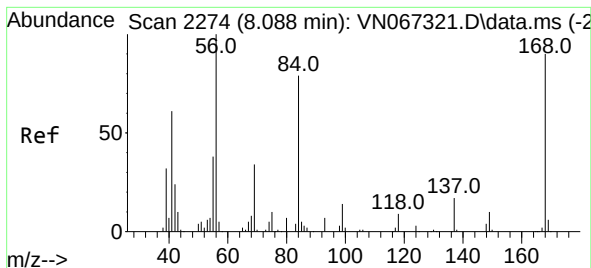
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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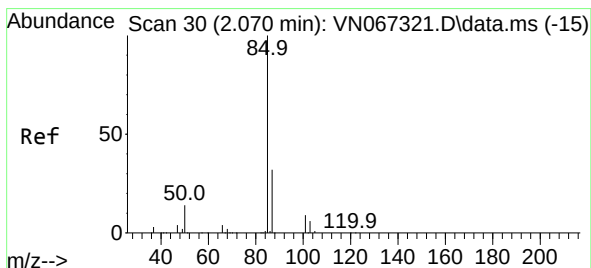
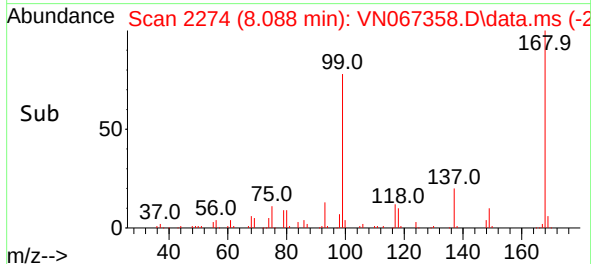
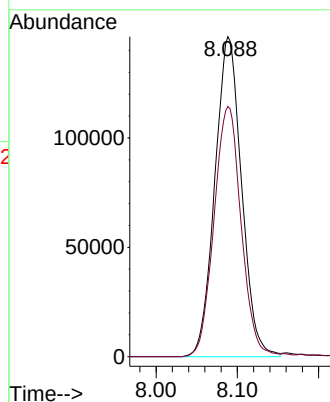
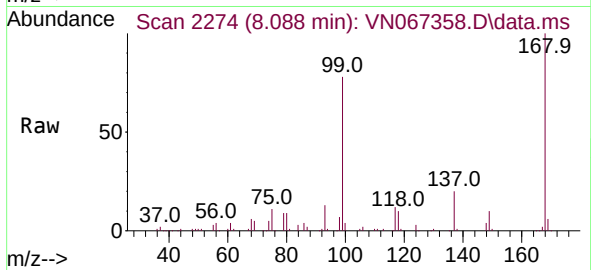




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

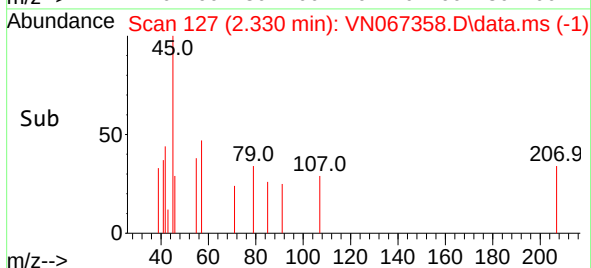
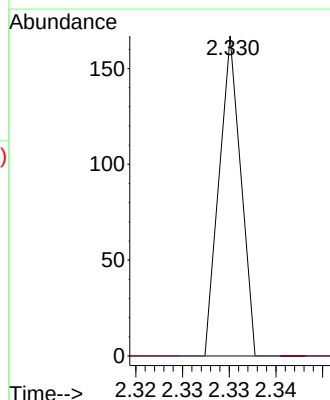
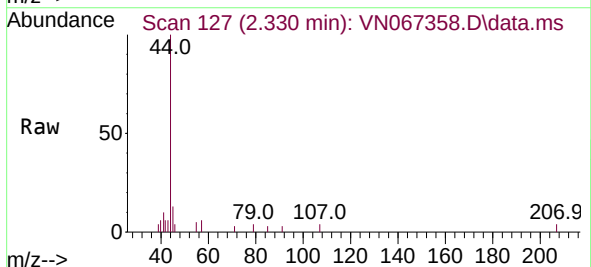
Instrument :
MSVOA_N
ClientSampled :

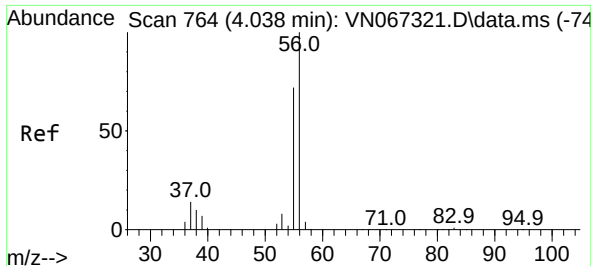
Tgt Ion:168 Resp: 333581
Ion Ratio Lower Upper
168 100
99 78.2 62.9 94.3



#2
Dichlorodifluoromethane
Concen: 1.331 ug/l
RT: 2.330 min Scan# 127
Delta R.T. 0.260 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

Tgt Ion: 85 Resp: 27
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

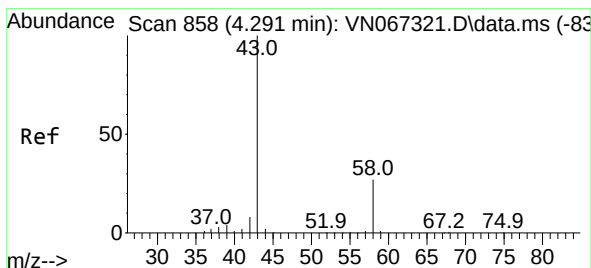
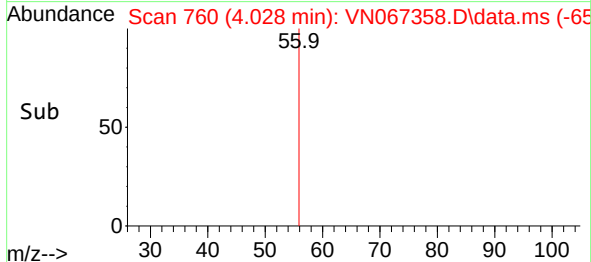
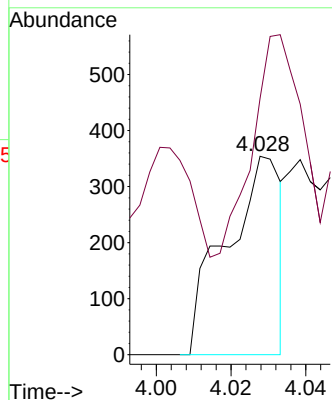
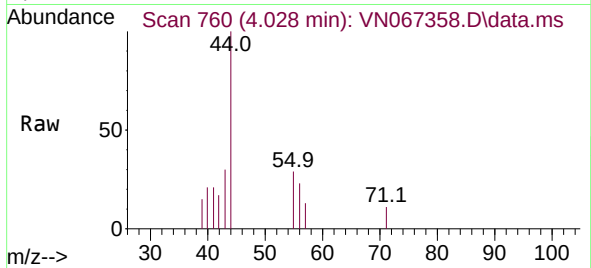




#13
Acrolein
Concen: 0.529 ug/l
RT: 4.028 min Scan# 760
Delta R.T. -0.010 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

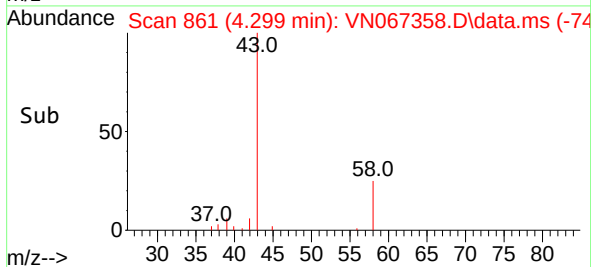
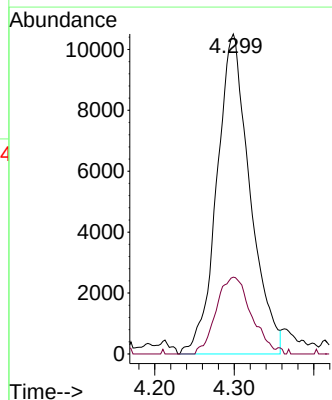
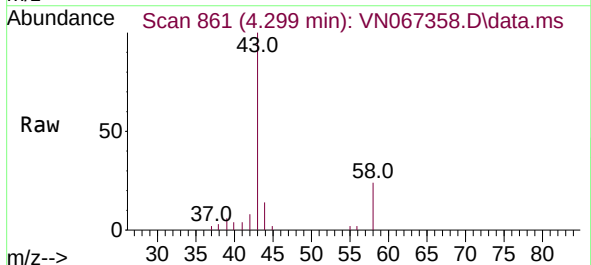
Instrument :
MSVOA_N
ClientSampled :

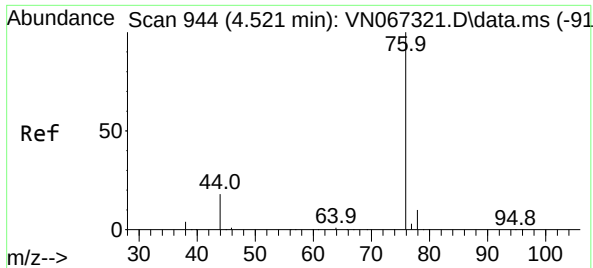
Tgt Ion: 56 Resp: 358
Ion Ratio Lower Upper
56 100
55 98.0 57.4 86.0#



#16
Acetone
Concen: 12.033 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

Tgt Ion: 43 Resp: 30386
Ion Ratio Lower Upper
43 100
58 24.0 21.2 31.8

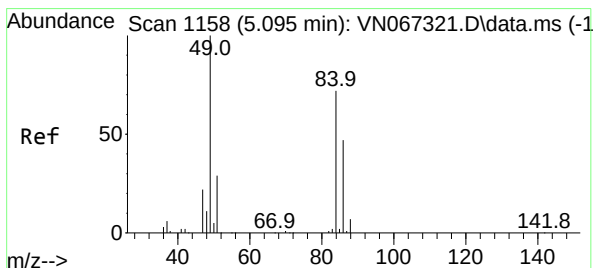
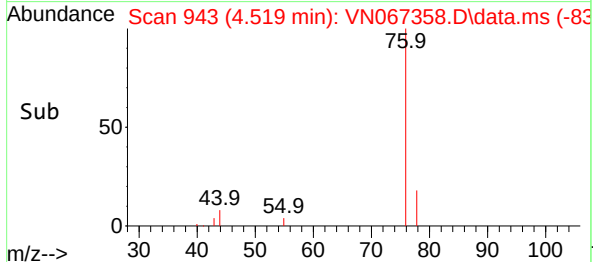
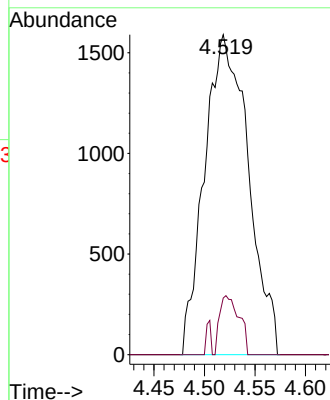
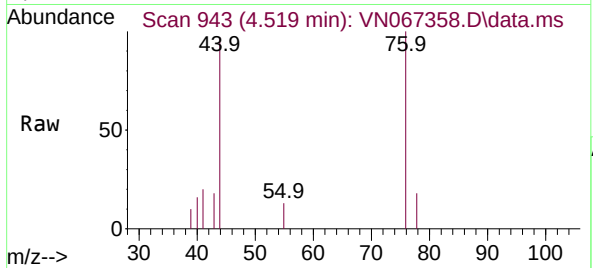




#17
Carbon Disulfide
Concen: 0.371 ug/l
RT: 4.519 min Scan# 943
Delta R.T. -0.002 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

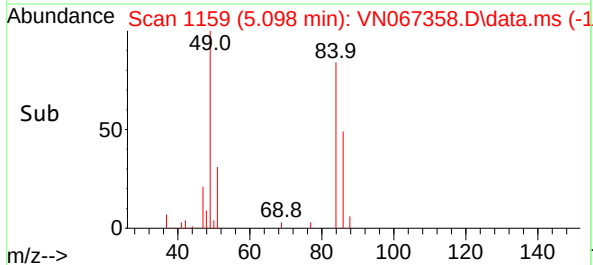
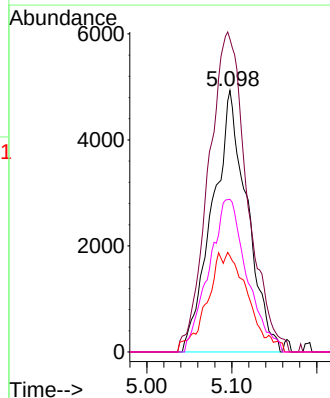
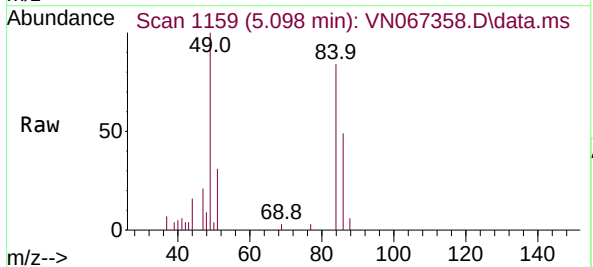
Instrument :
MSVOA_N
ClientSampled :

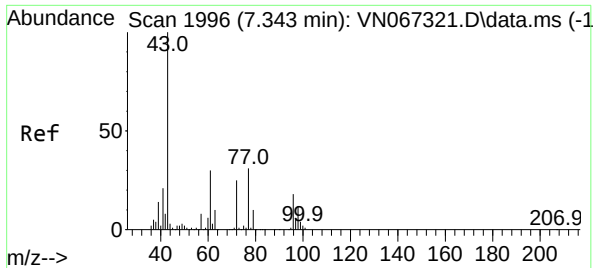
Tgt Ion: 76 Resp: 4790
Ion Ratio Lower Upper
76 100
78 17.7 7.7 11.5#



#20
Methylene Chloride
Concen: 2.671 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

Tgt Ion: 84 Resp: 14036
Ion Ratio Lower Upper
84 100
49 115.5 110.9 166.3
51 33.0 32.6 49.0
86 58.4 51.6 77.4

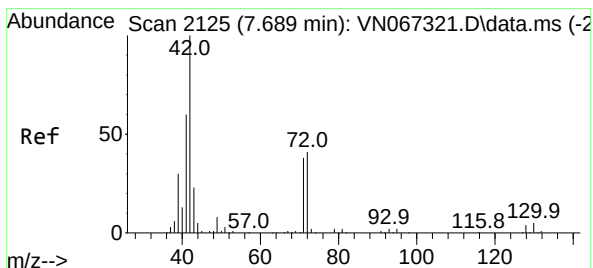
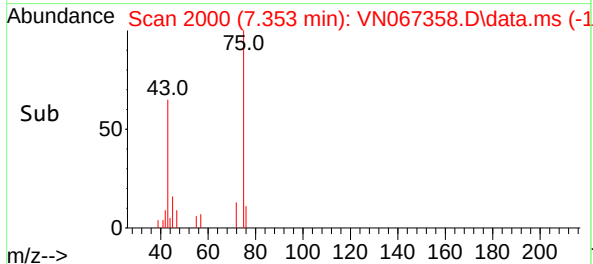
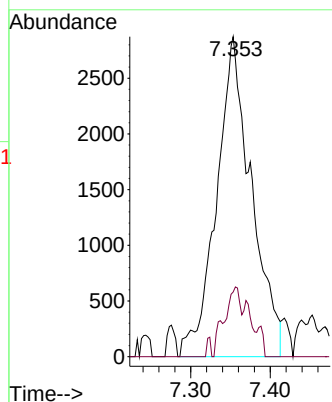
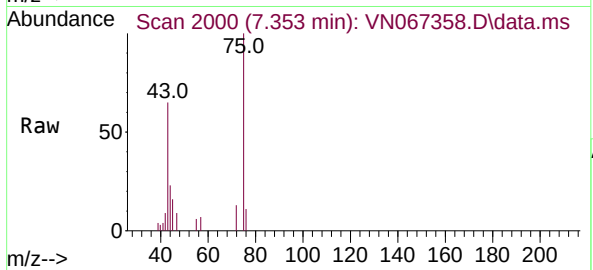




#25
2-Butanone
Concen: 2.421 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. 0.010 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

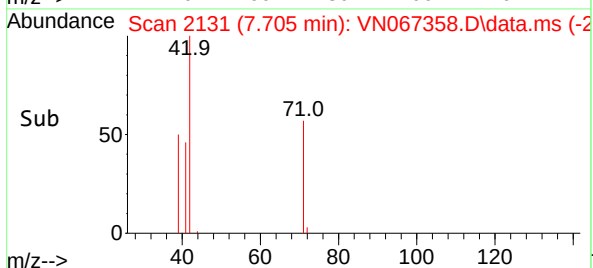
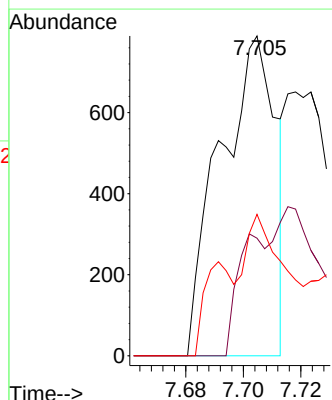
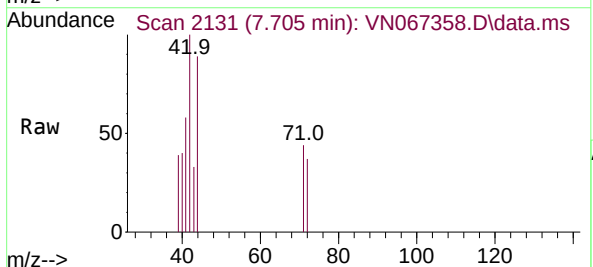
Instrument :
MSVOA_N
ClientSampled :

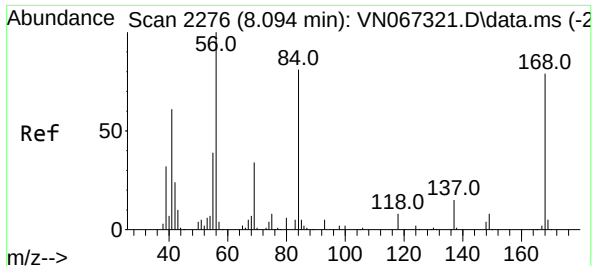
Tgt Ion: 43 Resp: 8735
Ion Ratio Lower Upper
43 100
72 20.2 19.7 29.5



#29
Tetrahydrofuran
Concen: 0.465 ug/l
RT: 7.705 min Scan# 2131
Delta R.T. 0.016 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

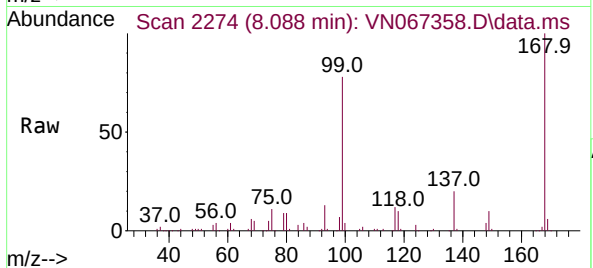
Tgt Ion: 42 Resp: 1058
Ion Ratio Lower Upper
42 100
72 19.3 32.8 49.2#
71 17.3 31.2 46.8#



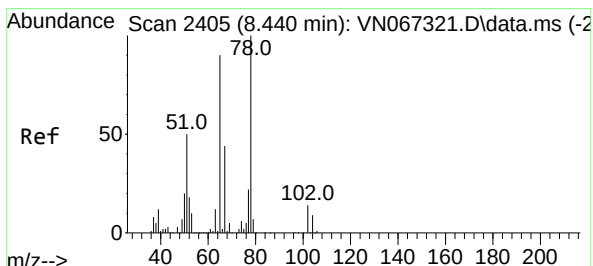
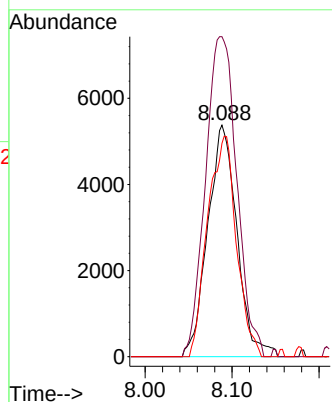
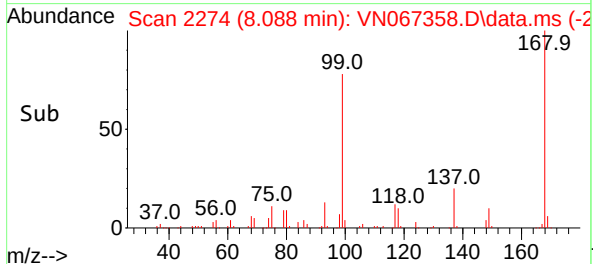


#31
Cyclohexane
Concen: 1.403 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

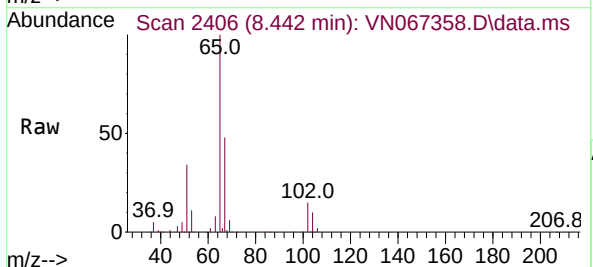
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MSVOA_N
ClientSampleId :



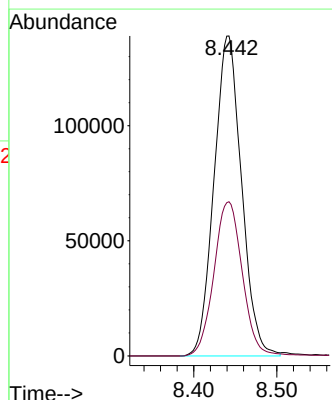
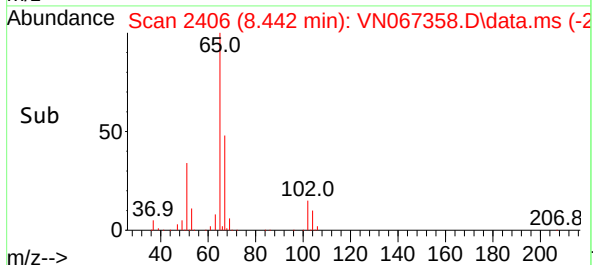
Tgt Ion: 56 Resp: 12548
Ion Ratio Lower Upper
56 100
69 138.2 27.3 40.9#
84 92.1 64.9 97.3

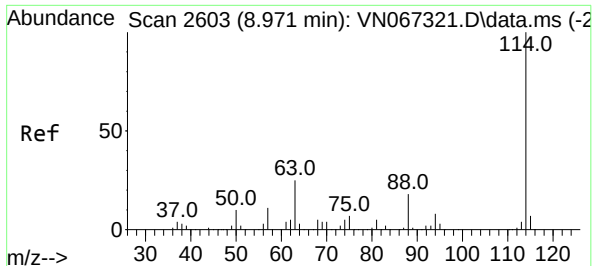


#33
1,2-Dichloroethane-d4
Concen: 48.571 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03



Tgt Ion: 65 Resp: 319630
Ion Ratio Lower Upper
65 100
67 49.9 0.0 98.6

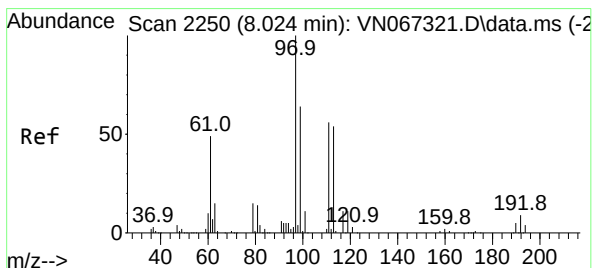
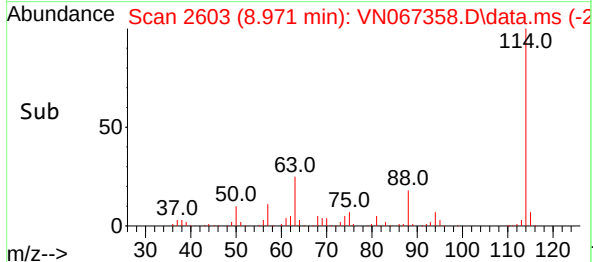
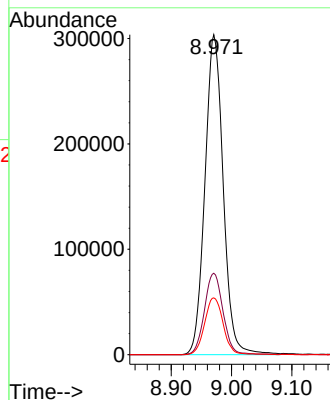
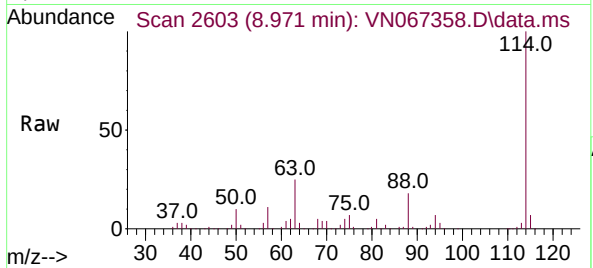




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

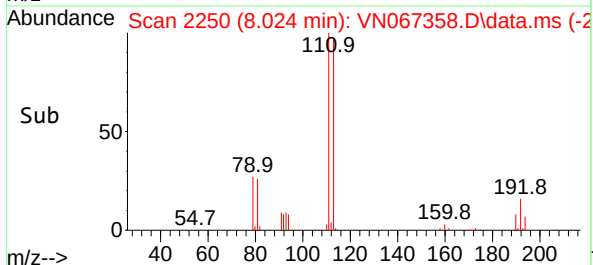
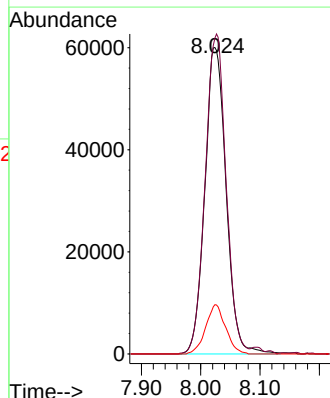
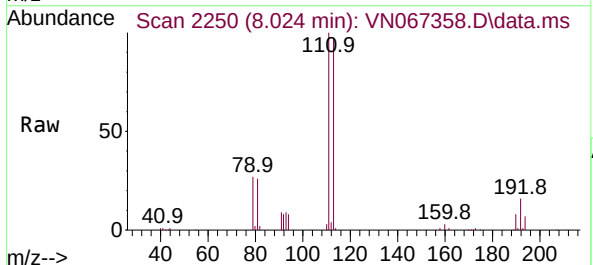
Instrument :
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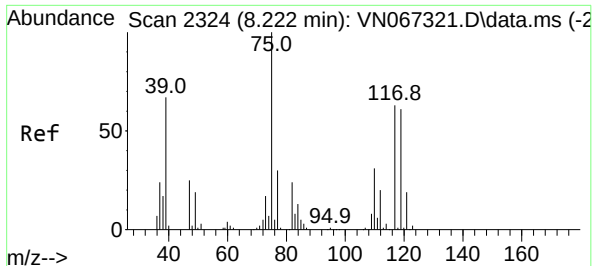
Tgt Ion:114 Resp: 640989
Ion Ratio Lower Upper
114 100
63 25.4 0.0 49.0
88 17.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 35.123 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

Tgt Ion:113 Resp: 149733
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.8
192 15.0 13.4 20.0

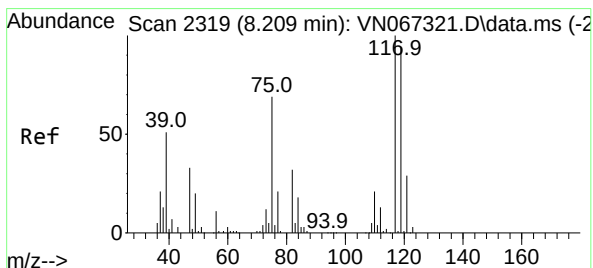
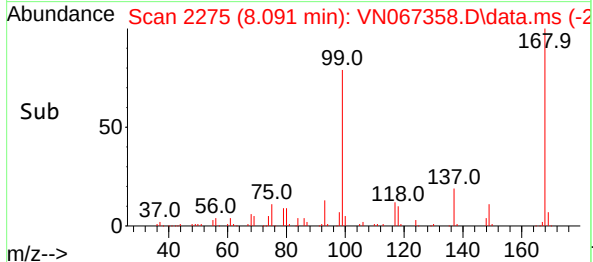
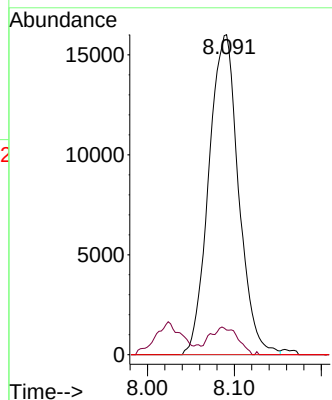
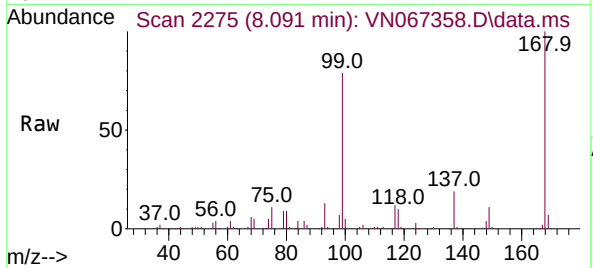




#36
1,1-Dichloropropene
Concen: 5.310 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.131 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

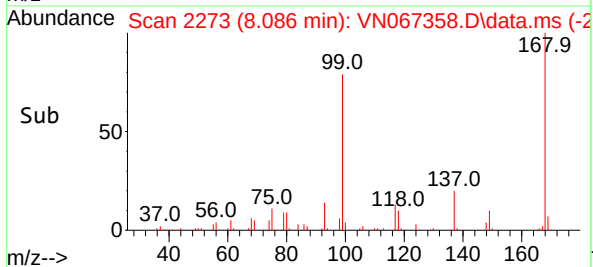
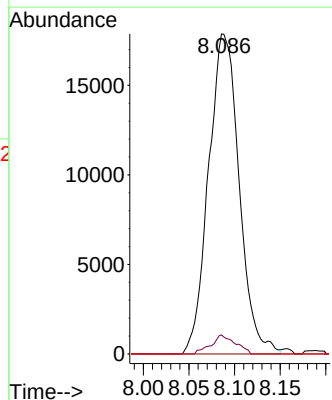
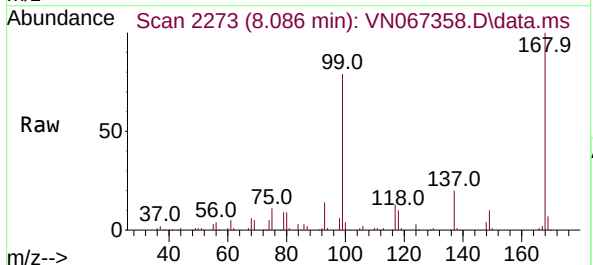
Instrument :
MSVOA_N
ClientSampleId :

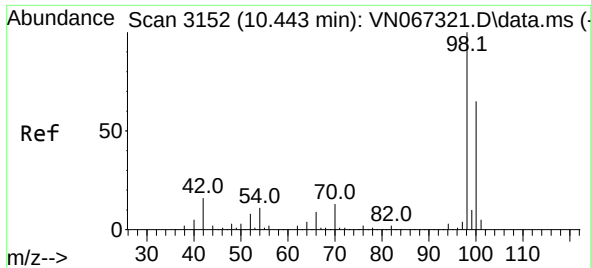
Tgt Ion: 75 Resp: 38159
Ion Ratio Lower Upper
75 100
110 8.0 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.401 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

Tgt Ion: 117 Resp: 41717
Ion Ratio Lower Upper
117 100
119 6.0 75.4 113.2#
121 0.0 23.5 35.3#

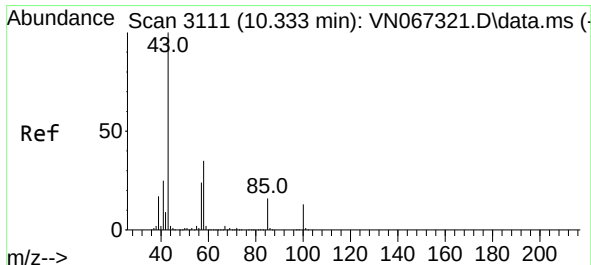
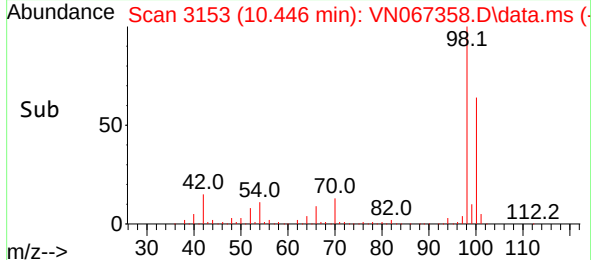
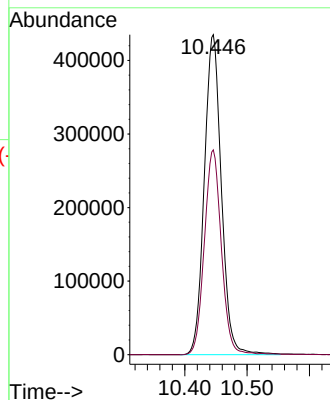
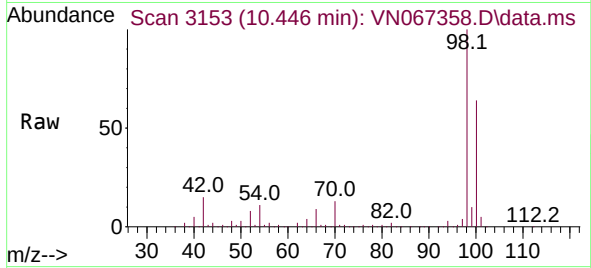




#50
Toluene-d8
Concen: 50.688 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

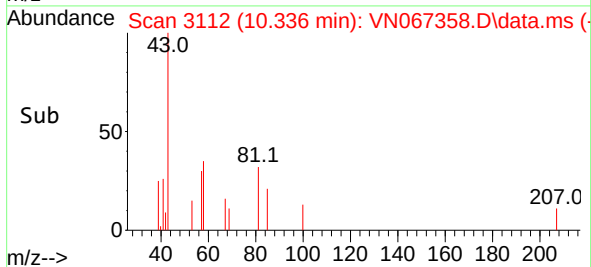
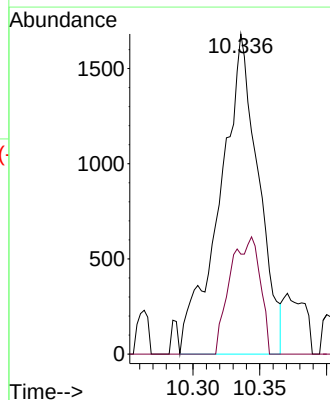
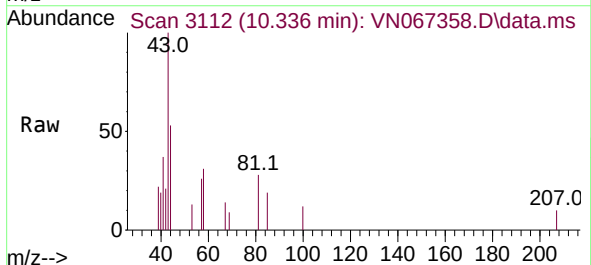
Instrument :
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ClientSampleId :

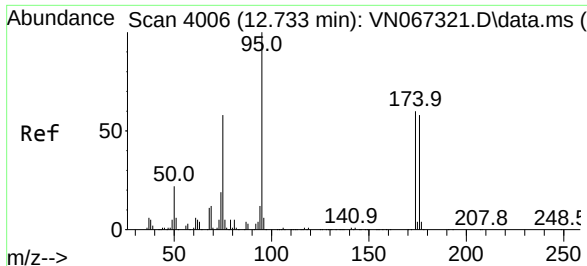
Tgt Ion: 98 Resp: 828229
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.428 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

Tgt Ion: 43 Resp: 3369
Ion Ratio Lower Upper
43 100
58 12.9 28.6 43.0#

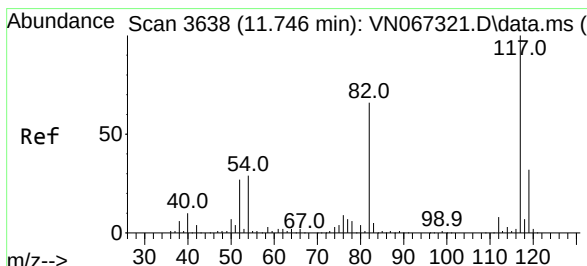
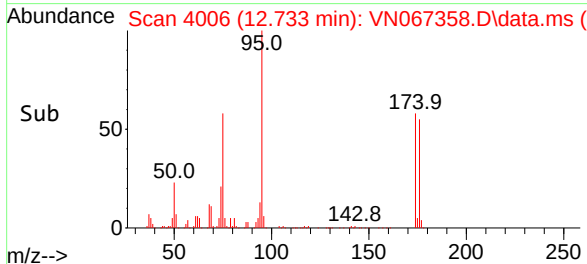
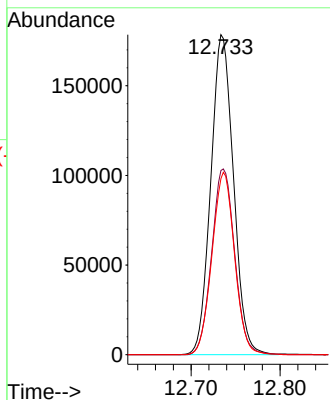
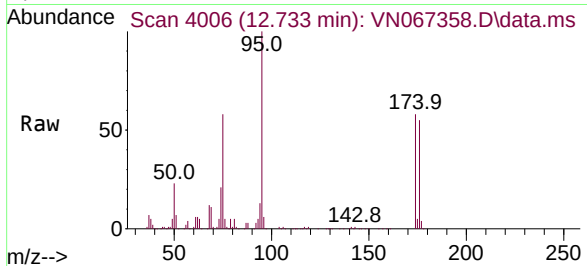




#62
4-Bromofluorobenzene
Concen: 46.870 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

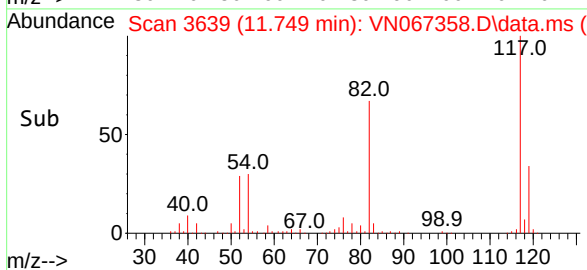
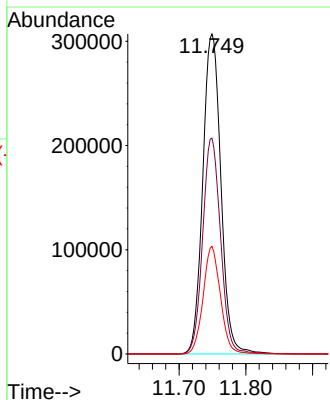
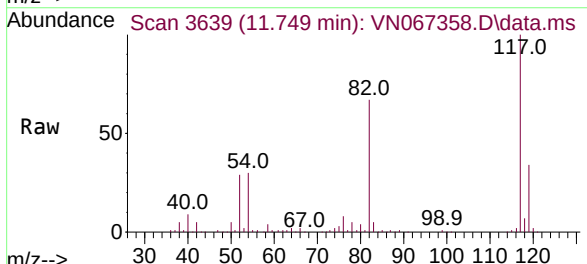
Instrument :
MSVOA_N
ClientSampleId :

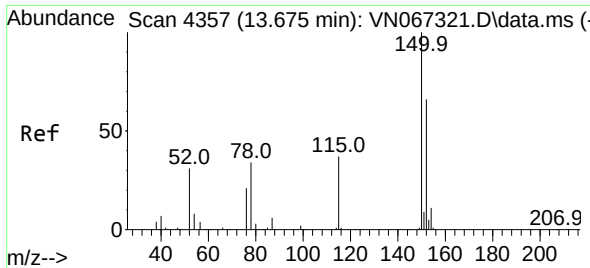
Tgt Ion: 95 Resp: 316053
Ion Ratio Lower Upper
95 100
174 59.0 0.0 122.0
176 56.8 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

Tgt Ion: 117 Resp: 579954
Ion Ratio Lower Upper
117 100
82 67.4 53.1 79.7
119 33.6 25.5 38.3

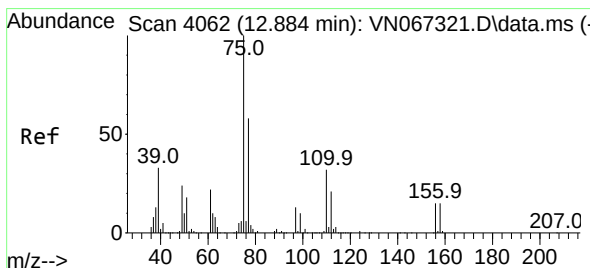
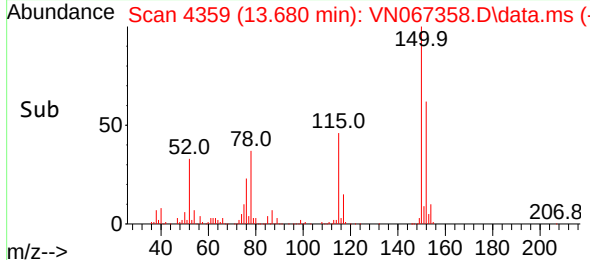
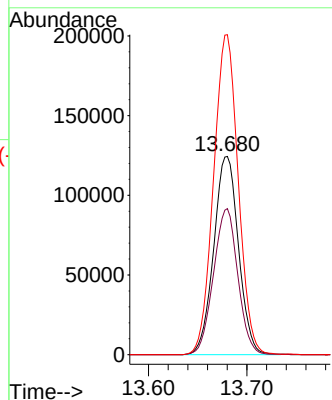
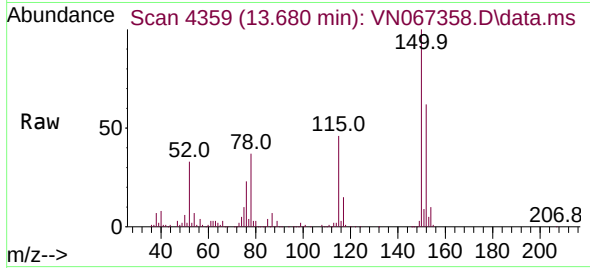




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.005 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

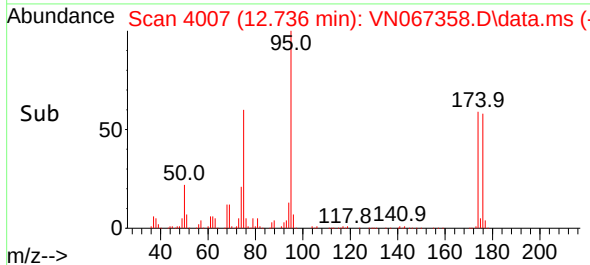
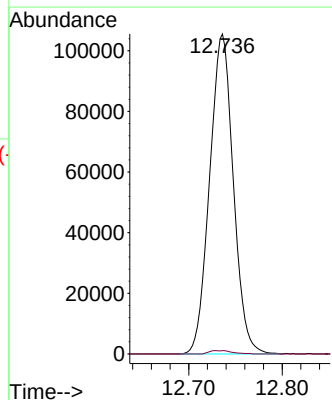
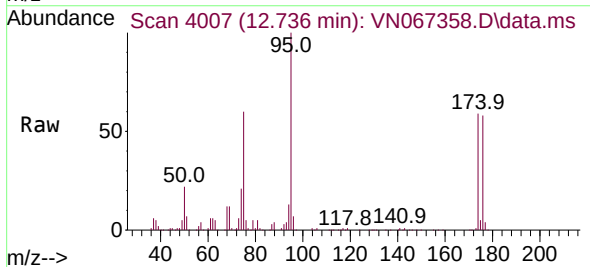
Instrument :
MSVOA_N
ClientSampled :

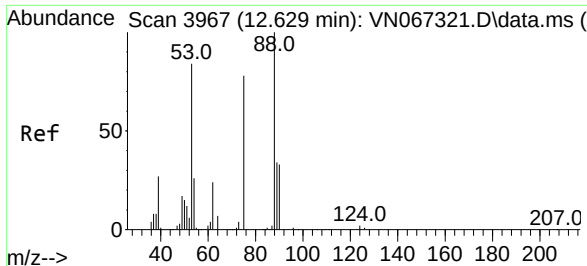
Tgt Ion:152 Resp: 218185
Ion Ratio Lower Upper
152 100
115 72.3 36.1 108.5
150 160.4 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 32.857 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

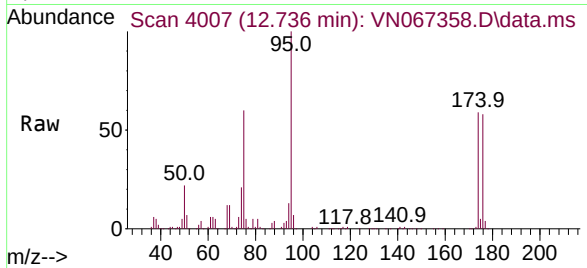
Tgt Ion: 75 Resp: 186167
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



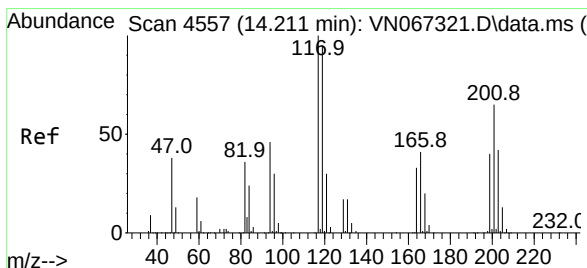
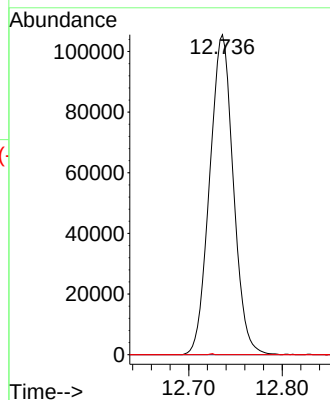
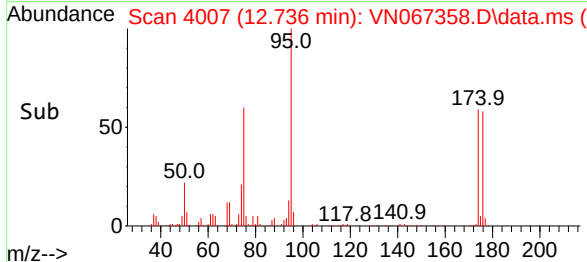


#81
trans-1,4-Dichloro-2-butene
Concen: 81.431 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

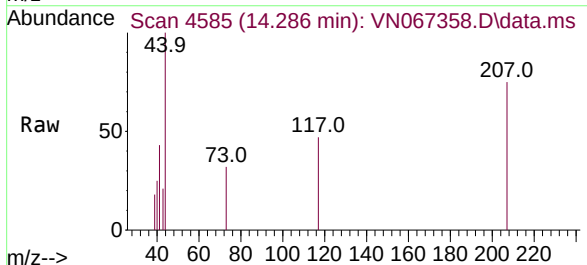
Instrument :
MSVOA_N
ClientSampled :



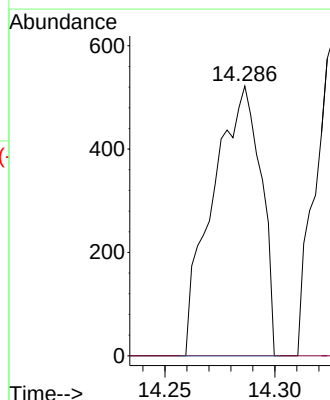
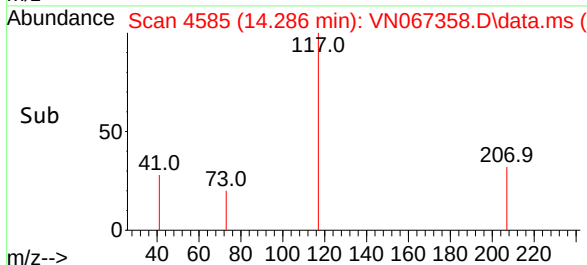
Tgt Ion: 75 Resp: 186167
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

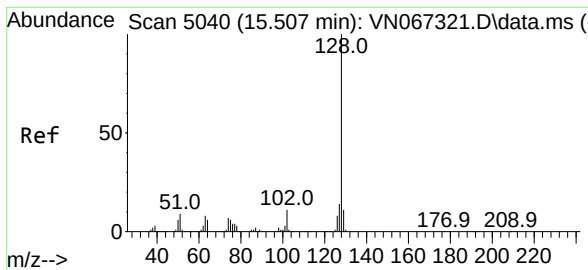


#90
Hexachloroethane
Concen: 0.254 ug/l
RT: 14.286 min Scan# 4585
Delta R.T. 0.075 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03



Tgt Ion: 117 Resp: 797
Ion Ratio Lower Upper
117 100
201 0.0 33.5 100.5#





#95
Naphthalene
Concen: 2.654 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.006 min
Lab File: VN067358.D
Acq: 15 Jun 2021 20:03

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 654
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

