

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067346.D
 Acq On : 15 Jun 2021 15:00
 Operator : JC/MD
 Sample : EA476-US
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 02:39:03 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)

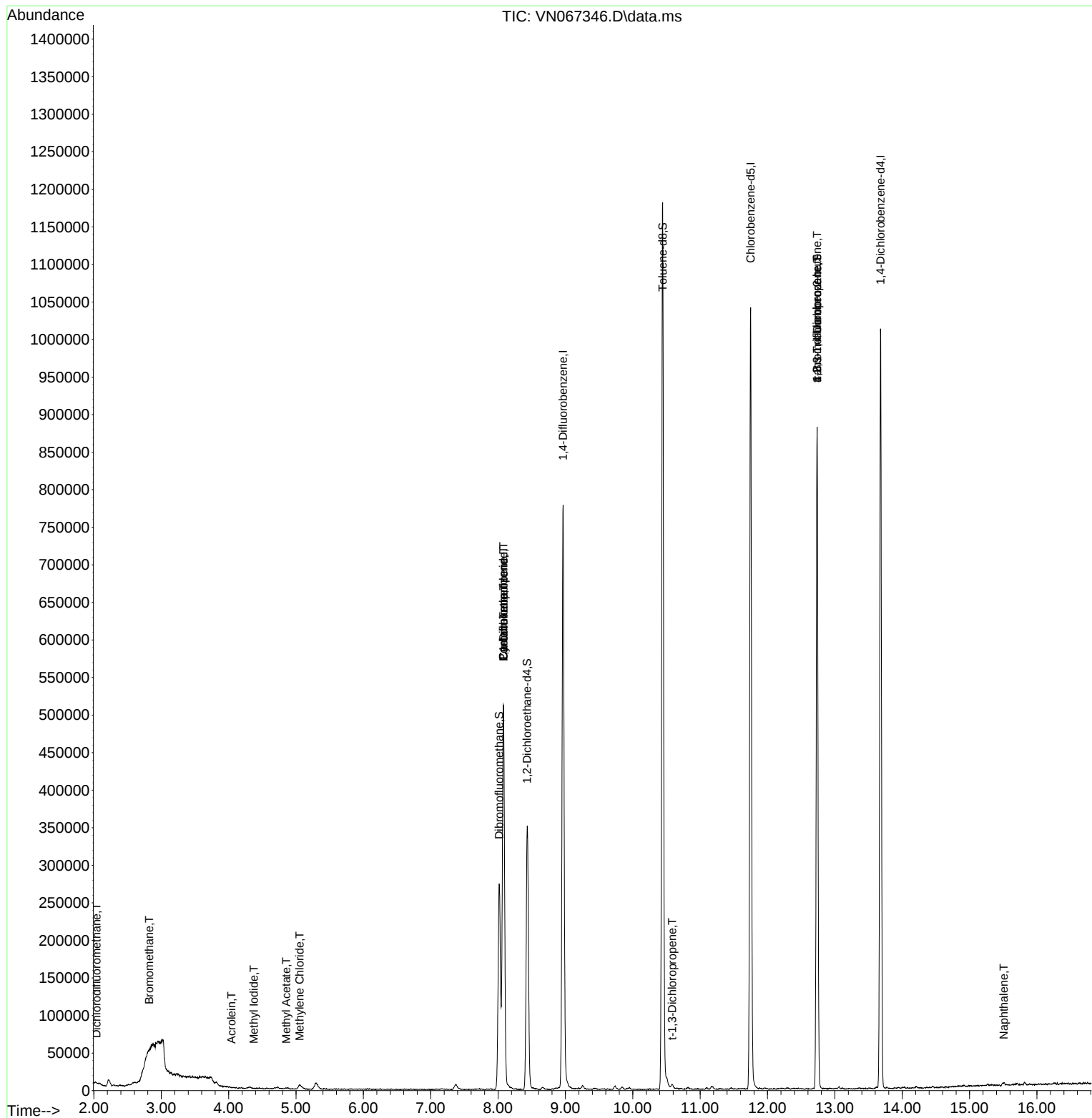
Internal Standards						
1) Pentafluorobenzene	8.080	168	333446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	625999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	547760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	233187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	312852	47.561	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.120%		
35) Dibromofluoromethane	8.016	113	198461	47.668	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.340%		
50) Toluene-d8	10.443	98	803660	50.362	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.720%		
62) 4-Bromofluorobenzene	12.736	95	318983	48.437	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.038	85	25	1.331	ug/l #	43
5) Bromomethane	2.818	94	630	0.299	ug/l #	38
10) Methyl Iodide	4.374	142	56	6.755	ug/l #	54
13) Acrolein	4.041	56	360	0.533	ug/l #	45
18) Methyl Acetate	4.854	43	1476	0.241	ug/l #	81
20) Methylene Chloride	5.055	84	3330	0.634	ug/l #	83
31) Cyclohexane	8.078	56	11372	1.272	ug/l #	34
36) 1,1-Dichloropropene	8.080	75	36302	5.173	ug/l #	52
38) Carbon Tetrachloride	8.078	117	41769	5.537	ug/l #	17
53) t-1,3-Dichloropropene	10.585	75	3180	0.360	ug/l #	76
76) 1,2,3-Trichloropropane	12.736	75	187052	30.890	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	187052	76.554	ug/l #	6
95) Naphthalene	15.507	128	2875	2.800	ug/l #	77

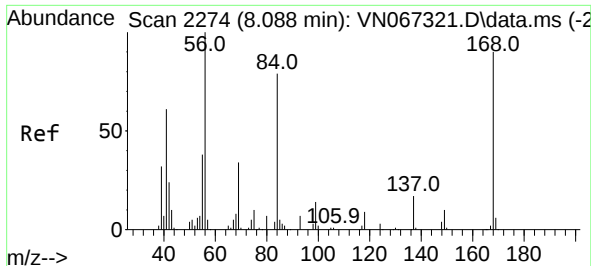
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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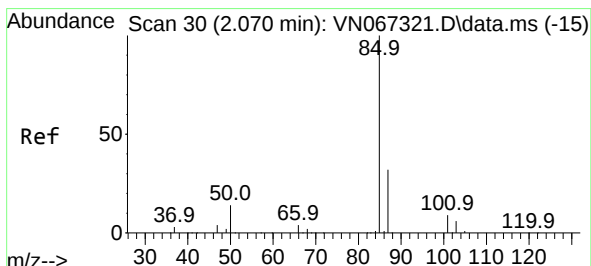
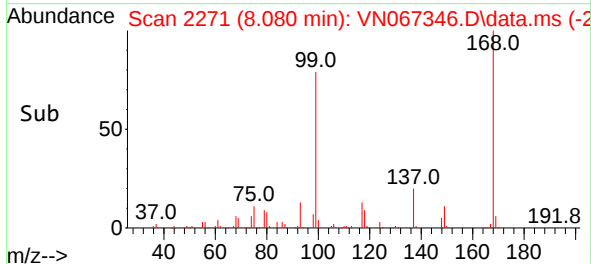
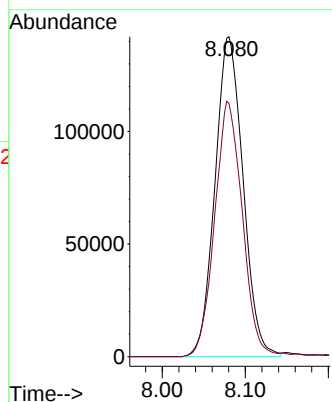
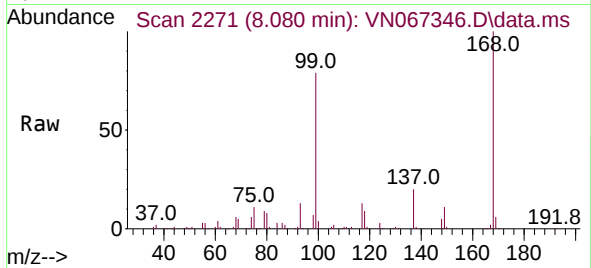




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.008 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

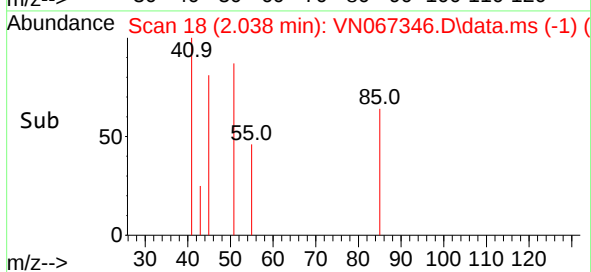
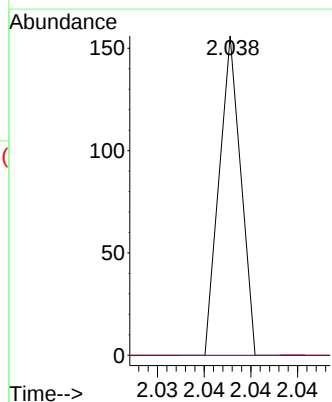
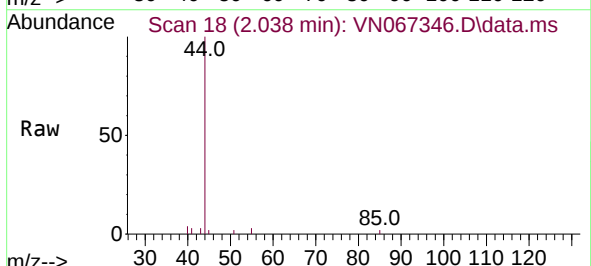
Instrument :
MSVOA_N
ClientSampled :

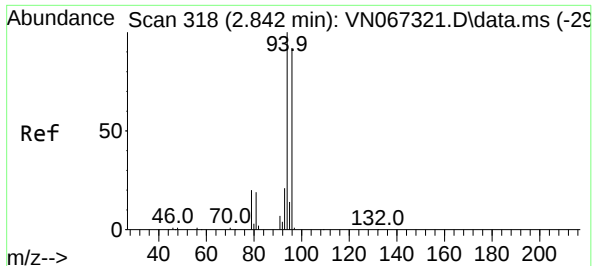
Tgt Ion:168 Resp: 333446
Ion Ratio Lower Upper
168 100
99 79.1 62.9 94.3



#2
Dichlorodifluoromethane
Concen: 1.331 ug/l
RT: 2.038 min Scan# 18
Delta R.T. -0.032 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

Tgt Ion: 85 Resp: 25
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

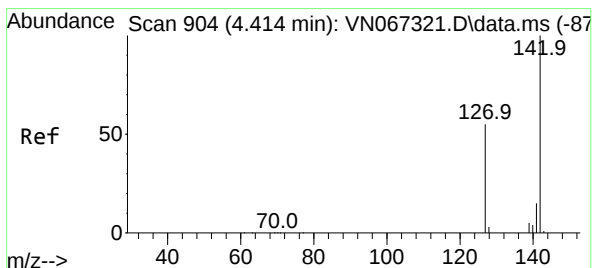
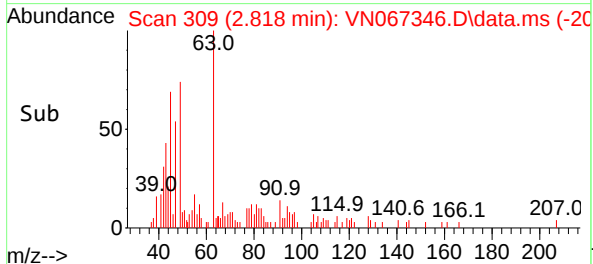
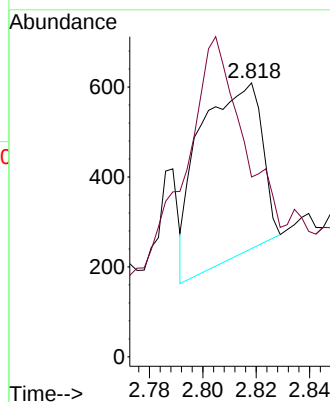
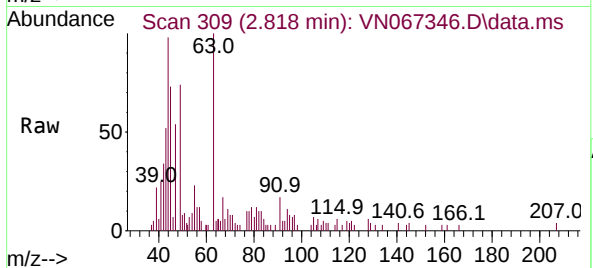




#5
Bromomethane
Concen: 0.299 ug/l
RT: 2.818 min Scan# 309
Delta R.T. -0.024 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

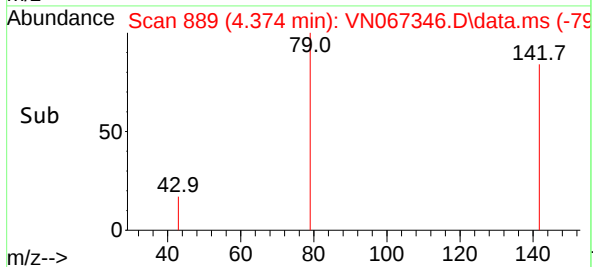
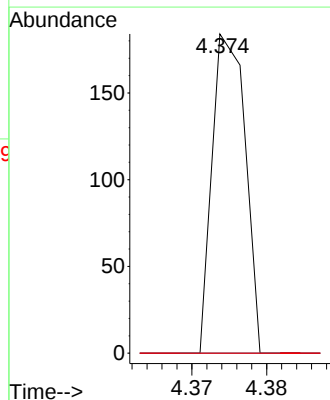
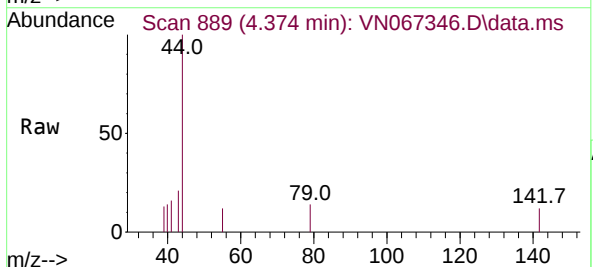
Instrument :
MSVOA_N
ClientSampled :

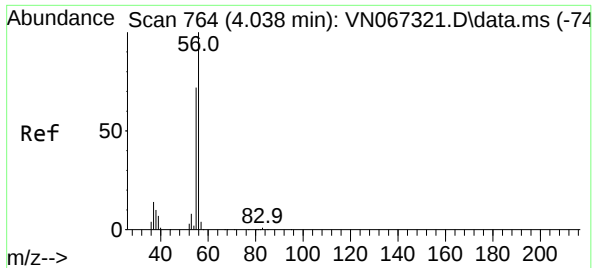
Tgt Ion: 94 Resp: 630
Ion Ratio Lower Upper
94 100
96 33.2 73.7 110.5#



#10
Methyl Iodide
Concen: 6.755 ug/l
RT: 4.374 min Scan# 889
Delta R.T. -0.040 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
127 89.3 43.1 64.7#
141 0.0 11.4 17.0#

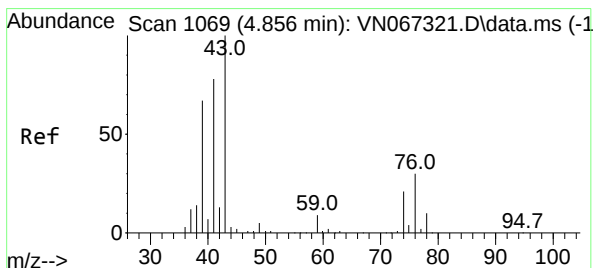
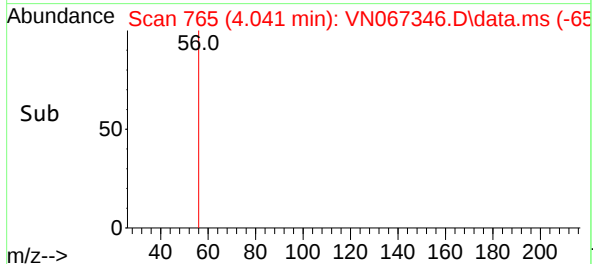
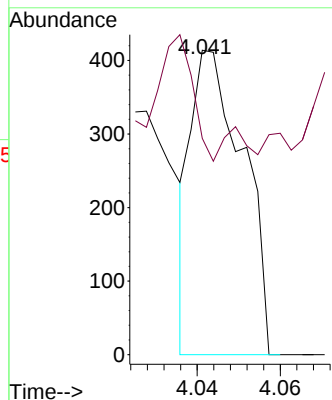
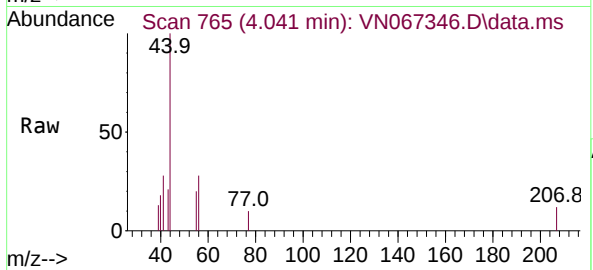




#13
Acrolein
Concen: 0.533 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

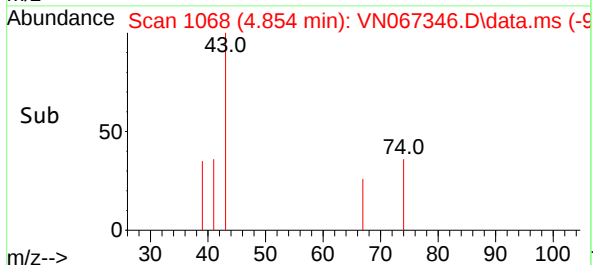
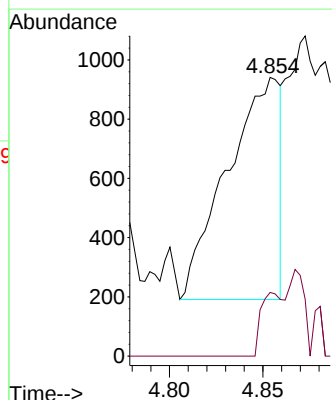
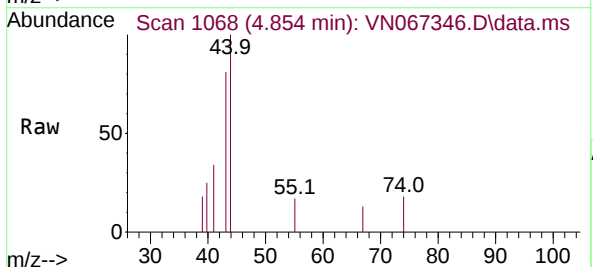
Instrument :
MSVOA_N
ClientSampled :

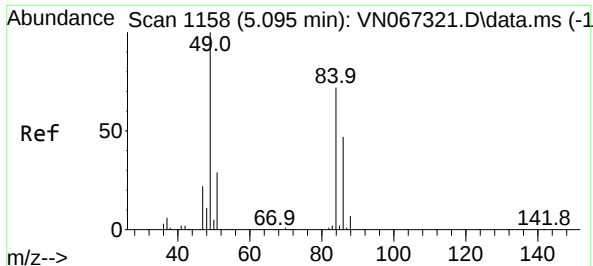
Tgt Ion: 56 Resp: 360
Ion Ratio Lower Upper
56 100
55 26.1 57.4 86.0#



#18
Methyl Acetate
Concen: 0.241 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.002 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

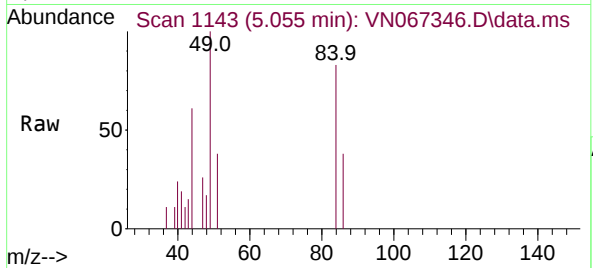
Tgt Ion: 43 Resp: 1476
Ion Ratio Lower Upper
43 100
74 12.6 17.4 26.0#



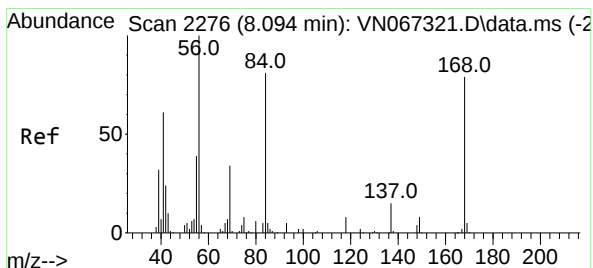
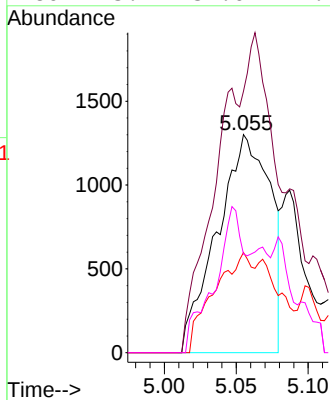
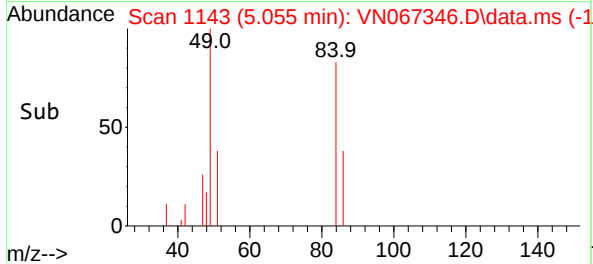


#20
Methylene Chloride
Concen: 0.634 ug/l
RT: 5.055 min Scan# 1143
Delta R.T. -0.040 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

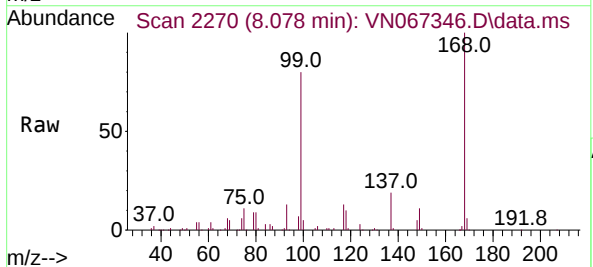
Instrument :
MSVOA_N
ClientSampled :



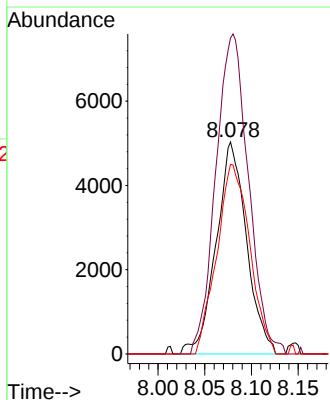
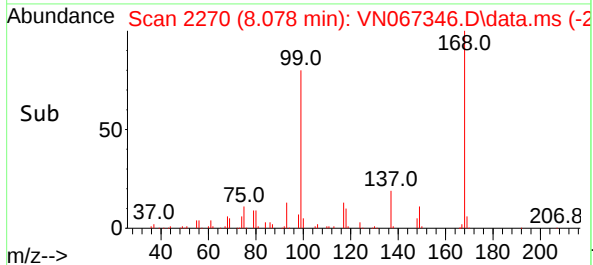
Tgt Ion: 84 Resp: 3330
Ion Ratio Lower Upper
84 100
49 119.9 110.9 166.3
51 46.0 32.6 49.0
86 45.2 51.6 77.4#

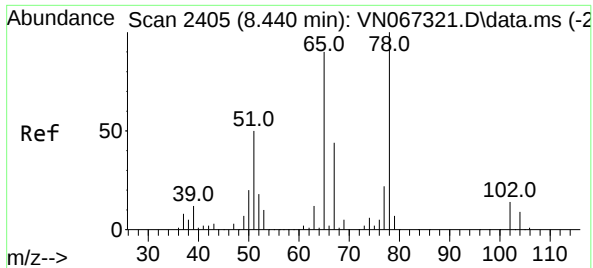


#31
Cyclohexane
Concen: 1.272 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.016 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00



Tgt Ion: 56 Resp: 11372
Ion Ratio Lower Upper
56 100
69 149.1 27.3 40.9#
84 89.5 64.9 97.3



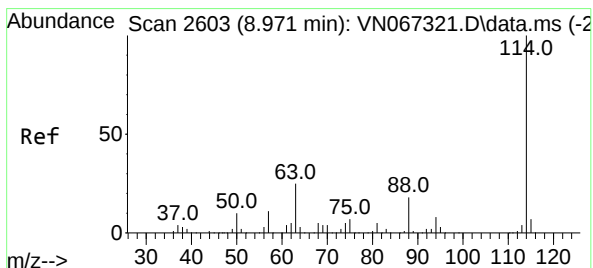
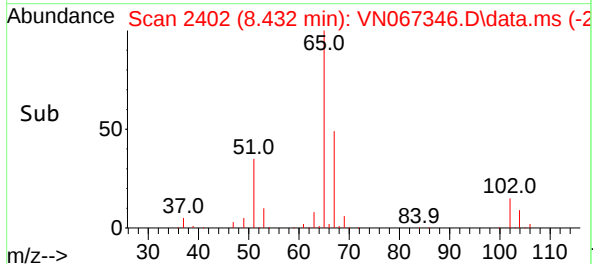
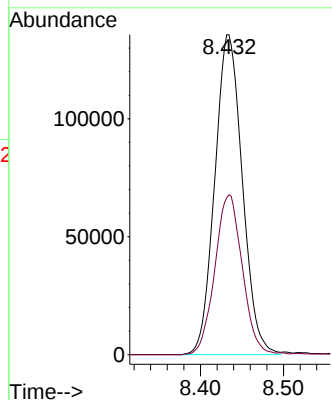
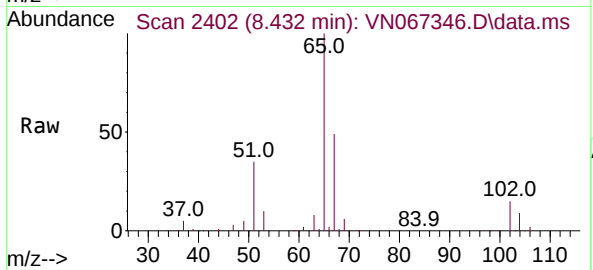


#33

1,2-Dichloroethane-d4
Concen: 47.561 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.008 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

Instrument :
MSVOA_N
ClientSampled :

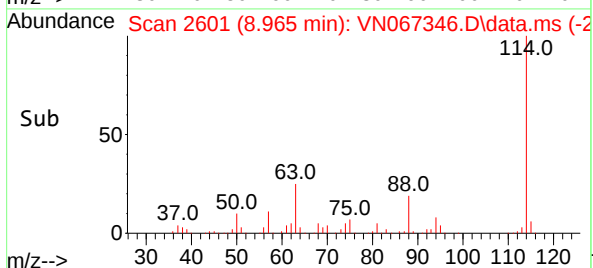
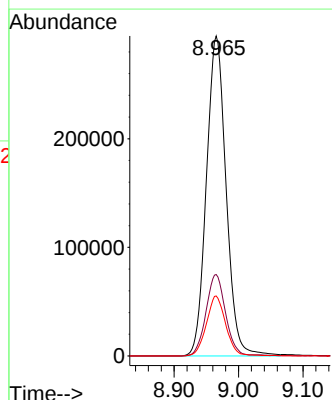
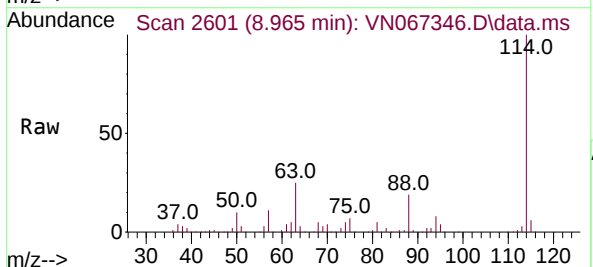
Tgt Ion: 65 Resp: 312852
Ion Ratio Lower Upper
65 100
67 49.7 0.0 98.6

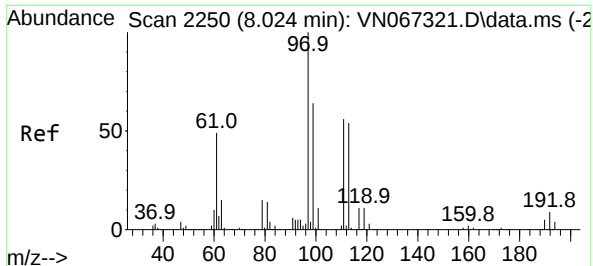


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.005 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

Tgt Ion: 114 Resp: 625999
Ion Ratio Lower Upper
114 100
63 25.4 0.0 49.0
88 18.8 0.0 36.6

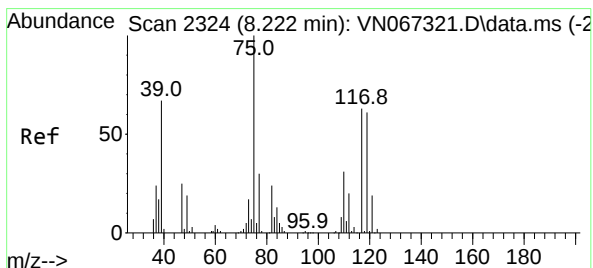
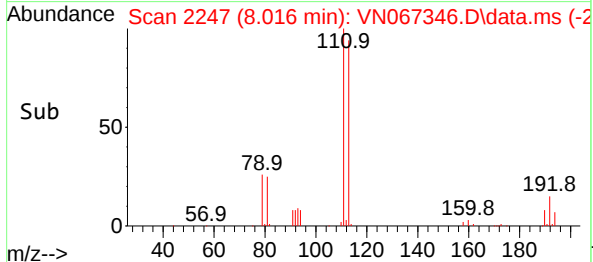
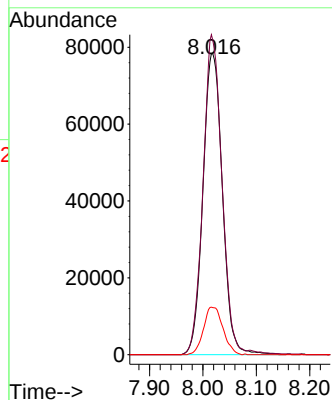
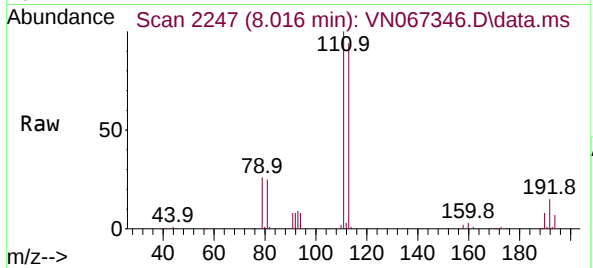




#35
Dibromofluoromethane
Concen: 47.668 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.008 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

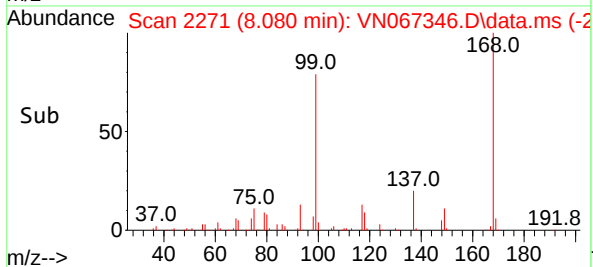
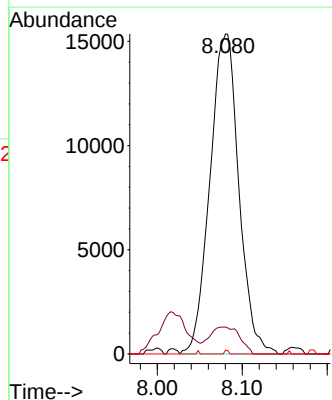
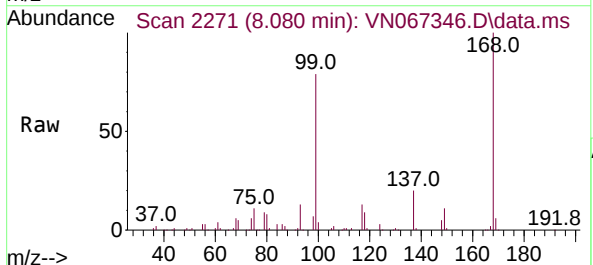
Instrument :
MSVOA_N
ClientSampled :

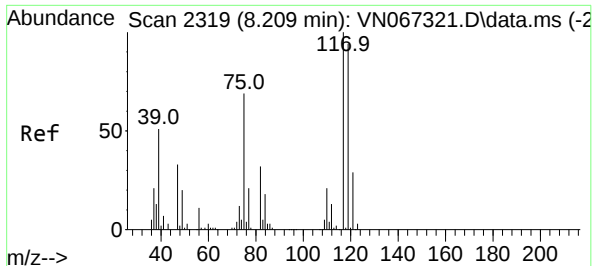
Tgt Ion:113 Resp: 198461
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.8
192 15.7 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.173 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.142 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

Tgt Ion: 75 Resp: 36302
Ion Ratio Lower Upper
75 100
110 8.9 15.7 47.0#
77 0.2 24.6 37.0#

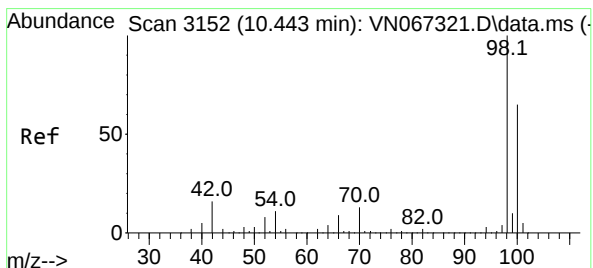
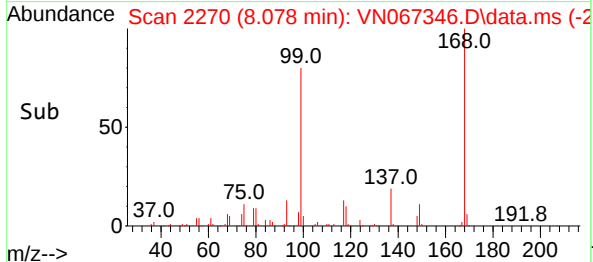
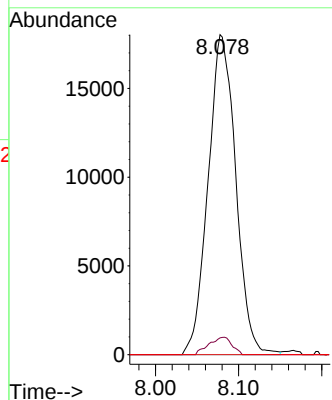
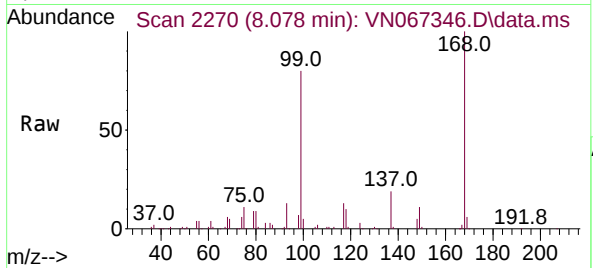




#38
Carbon Tetrachloride
Concen: 5.537 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.131 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

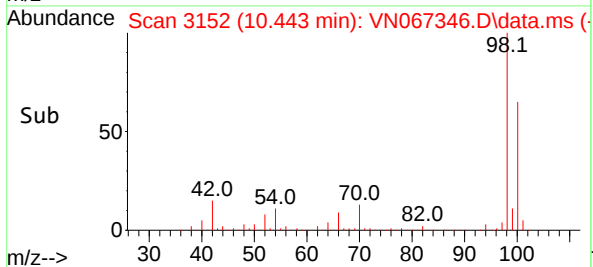
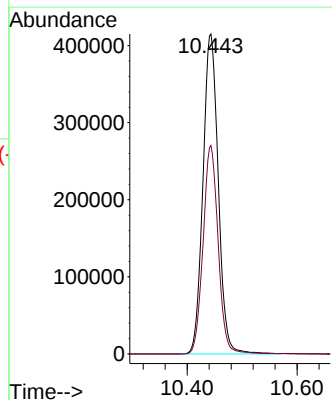
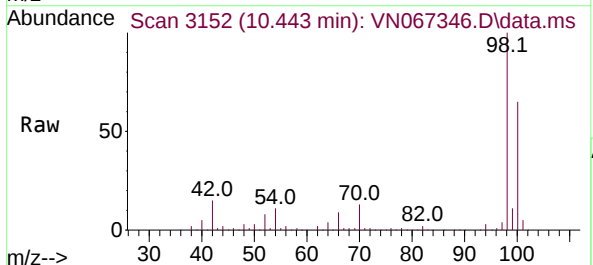
Instrument :
MSVOA_N
ClientSampled :

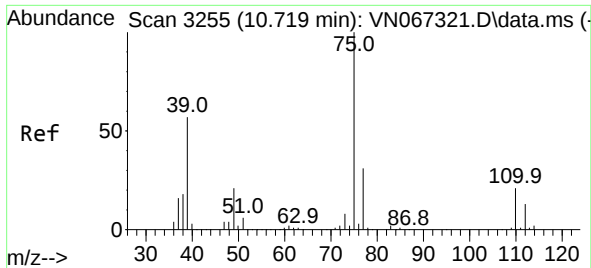
Tgt Ion:117 Resp: 41769
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 50.362 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

Tgt Ion: 98 Resp: 803660
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5

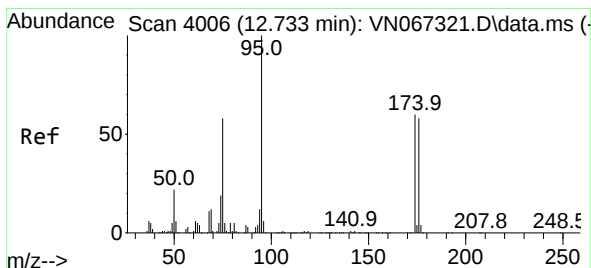
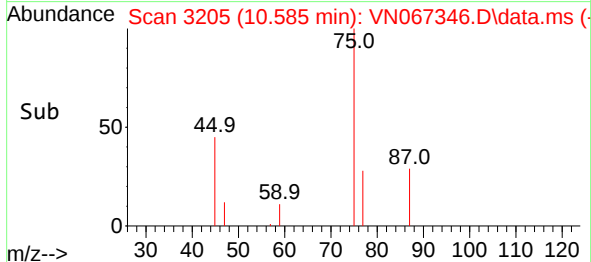
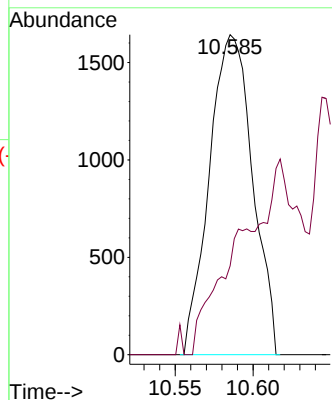
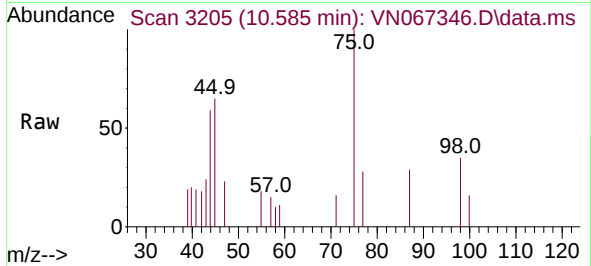




#53
t-1,3-Dichloropropene
Concen: 0.360 ug/l
RT: 10.585 min Scan# 3205
Delta R.T. -0.134 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

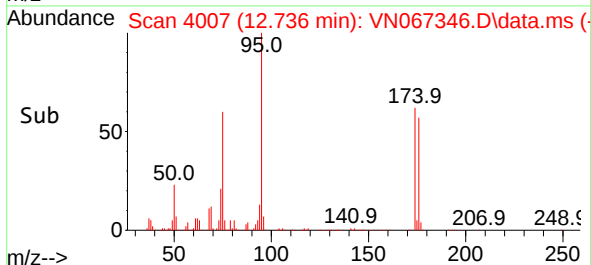
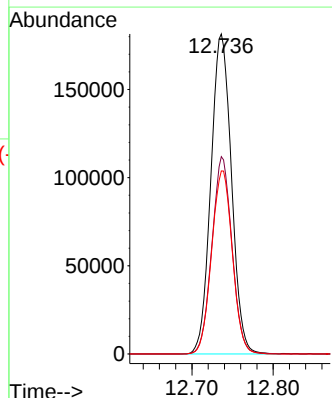
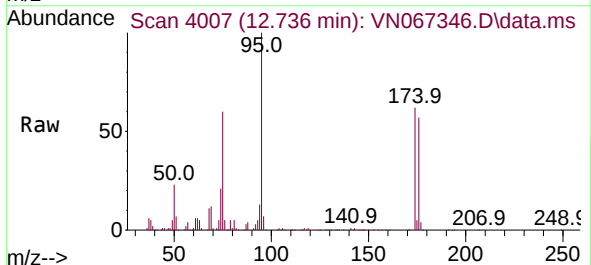
Instrument :
MSVOA_N
ClientSampled :

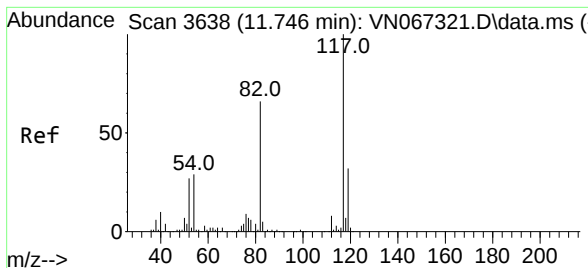
Tgt Ion: 75 Resp: 3180
Ion Ratio Lower Upper
75 100
77 18.4 25.1 37.7#



#62
4-Bromofluorobenzene
Concen: 48.437 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

Tgt Ion: 95 Resp: 318983
Ion Ratio Lower Upper
95 100
174 60.3 0.0 122.0
176 57.7 0.0 117.6

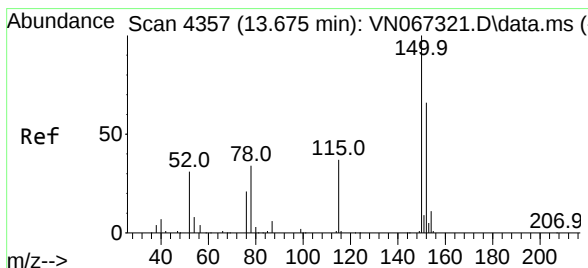
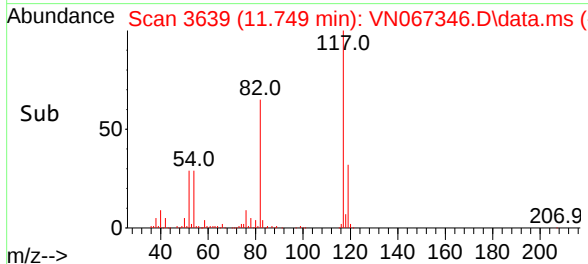
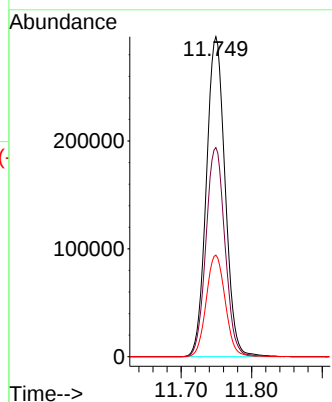
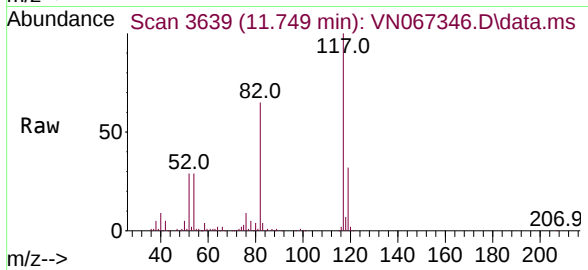




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

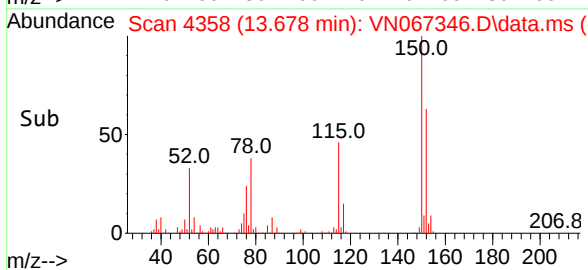
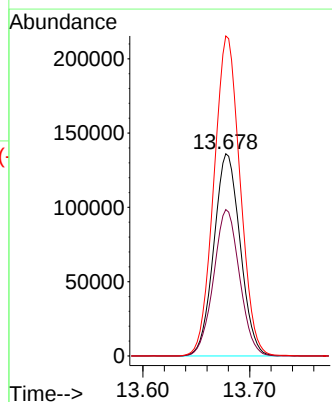
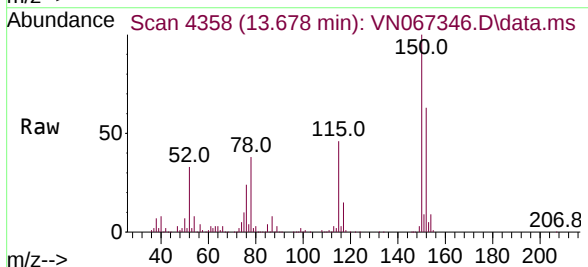
Instrument :
MSVOA_N
ClientSampleId :

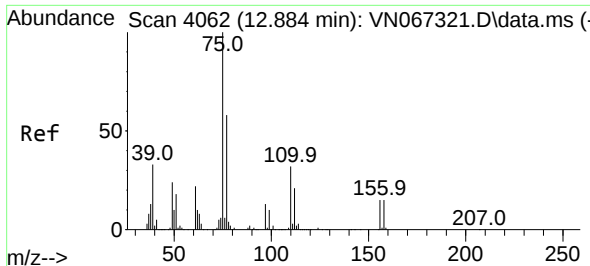
Tgt Ion:117 Resp: 547760
Ion Ratio Lower Upper
117 100
82 65.4 53.1 79.7
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

Tgt Ion:152 Resp: 233187
Ion Ratio Lower Upper
152 100
115 71.4 36.1 108.5
150 157.5 0.0 351.8

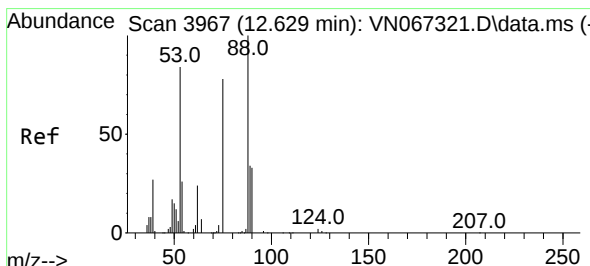
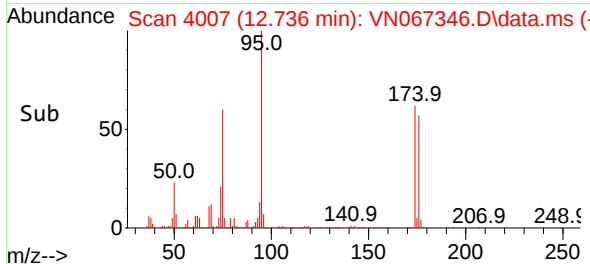
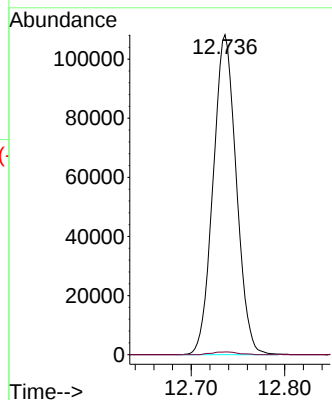
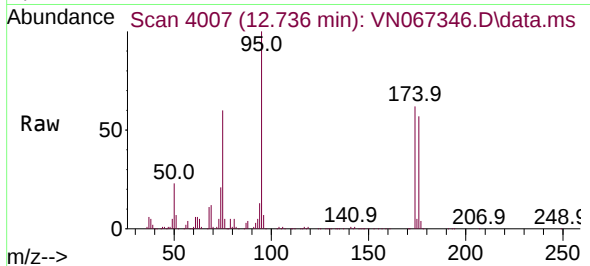




#76
1,2,3-Trichloropropane
Concen: 30.890 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

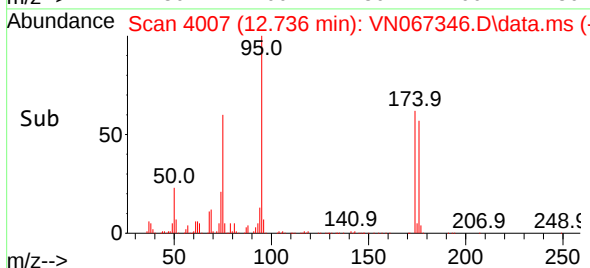
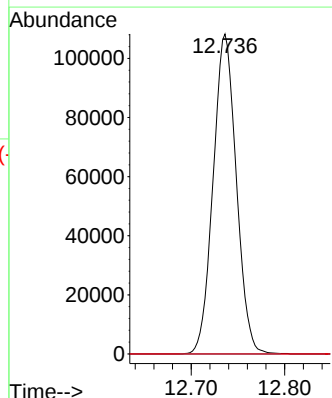
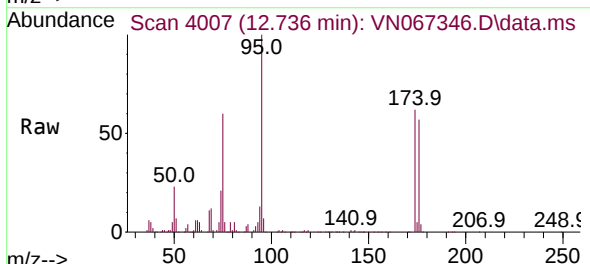
Instrument :
MSVOA_N
ClientSampled :

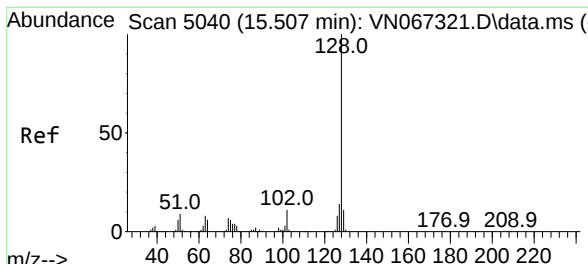
Tgt Ion: 75 Resp: 187052
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.554 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067346.D
Acq: 15 Jun 2021 15:00

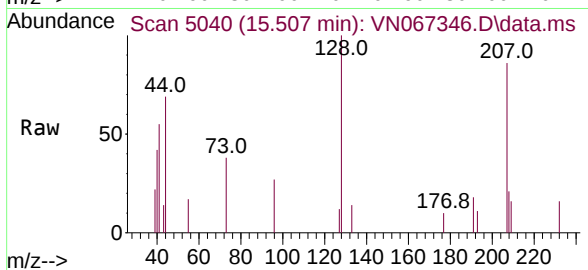
Tgt Ion: 75 Resp: 187052
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
 Naphthalene
 Concen: 2.800 ug/l
 RT: 15.507 min Scan# 5040
 Delta R.T. -0.000 min
 Lab File: VN067346.D
 Acq: 15 Jun 2021 15:00

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	2875
Ion Ratio	100	Lower	Upper
127	4.6	10.6	15.8#
129	0.9	8.6	12.8#

