

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067357.D
 Acq On : 15 Jun 2021 19:38
 Operator : JC/MD
 Sample : M2709-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 02:41:09 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)

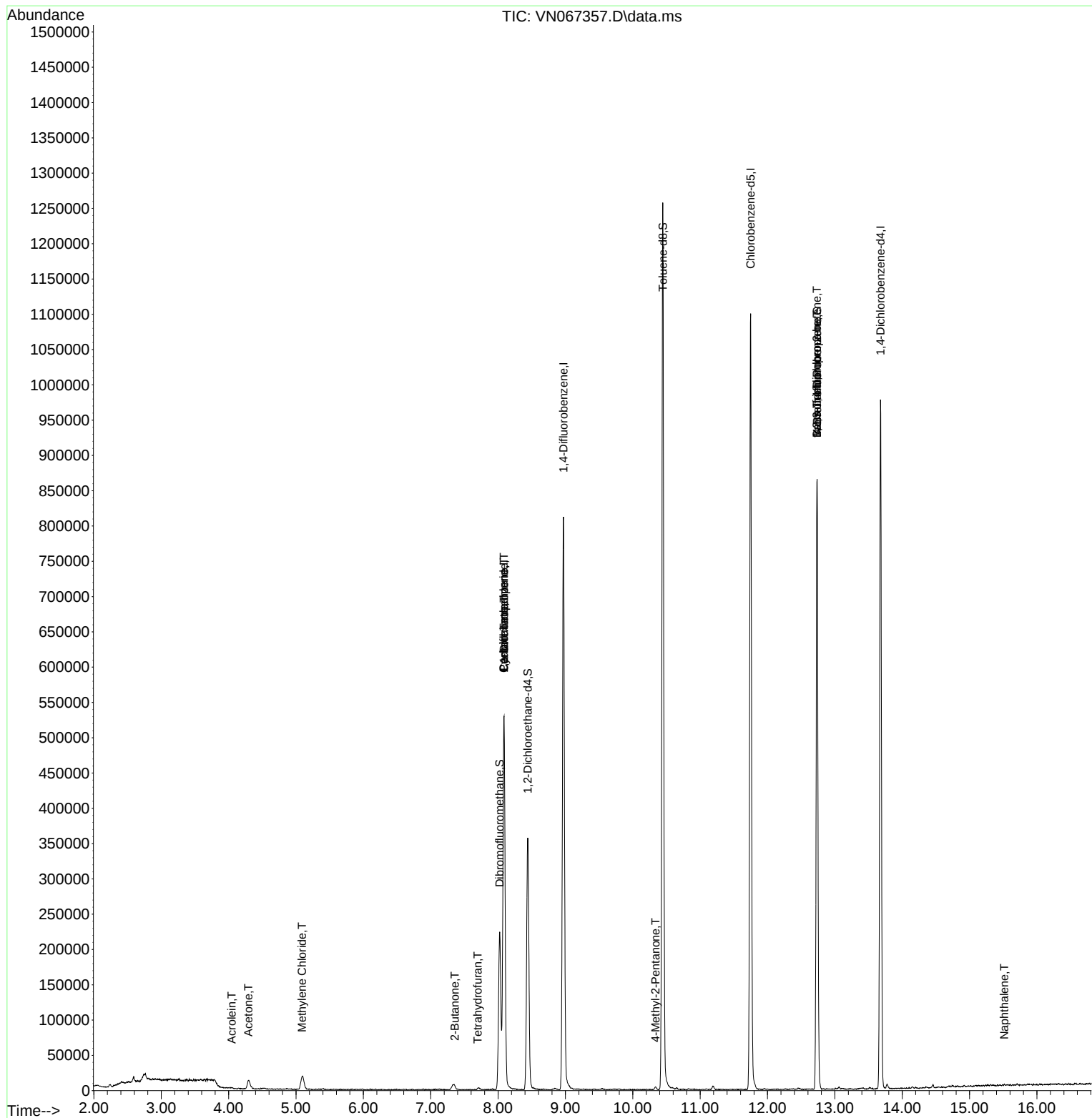
Internal Standards						
1) Pentafluorobenzene	8.088	168	339578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	641236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	584151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	226461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	320966	47.913	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.820%		
35) Dibromofluoromethane	8.024	113	160329	37.594	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	75.180%		
50) Toluene-d8	10.446	98	831888	50.893	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.780%		
62) 4-Bromofluorobenzene	12.736	95	314735	46.657	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.320%		
Target Compounds						
					Qvalue	
13) Acrolein	4.044	56	229	0.333	ug/l #	42
16) Acetone	4.293	43	23048	8.966	ug/l	93
20) Methylene Chloride	5.090	84	6561	1.227	ug/l #	91
25) 2-Butanone	7.356	43	6759	1.840	ug/l #	82
29) Tetrahydrofuran	7.697	42	752	0.325	ug/l #	58
31) Cyclohexane	8.086	56	11749	1.290	ug/l #	17
36) 1,1-Dichloropropene	8.086	75	37827	5.262	ug/l #	52
38) Carbon Tetrachloride	8.088	117	43167	5.587	ug/l #	17
51) 4-Methyl-2-Pentanone	10.339	43	2969	0.377	ug/l	89
71) Bromoform	12.734	173	1083	0.299	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	186927	31.786	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	186927	78.775	ug/l #	6
95) Naphthalene	15.518	128	970	2.674	ug/l #	72

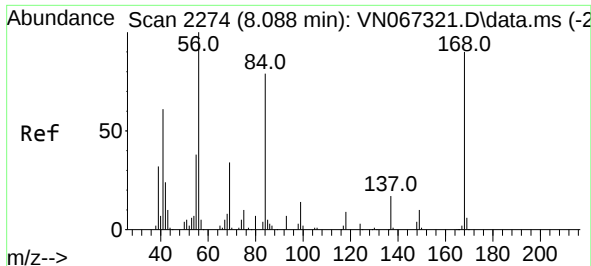
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
Data File : VN067357.D
Acq On : 15 Jun 2021 19:38
Operator : JC/MD
Sample : M2709-15
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 16 02:41:09 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

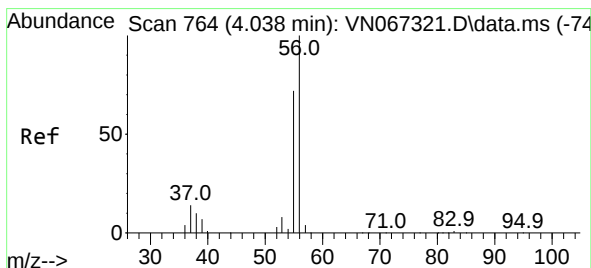
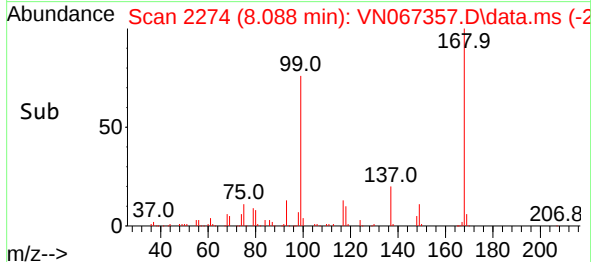
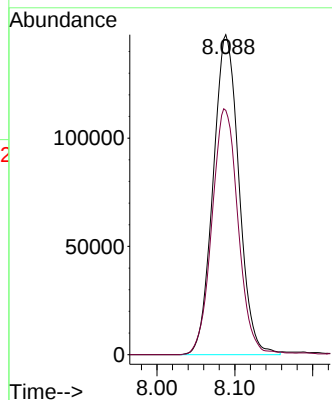
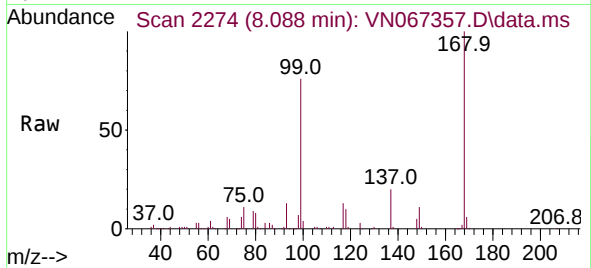




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

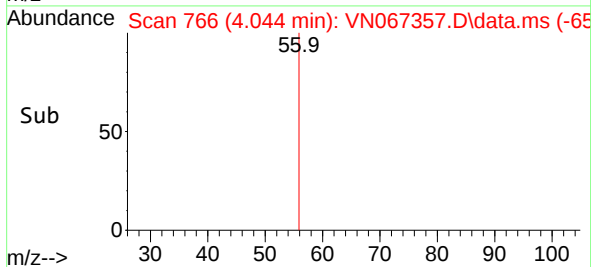
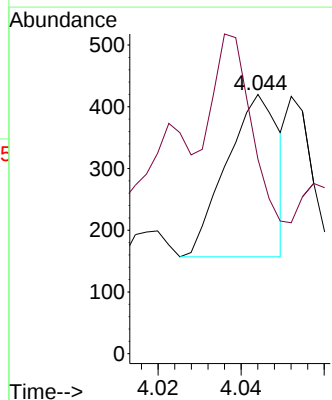
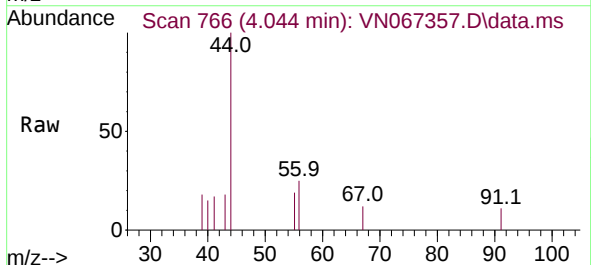
Instrument :
MSVOA_N
ClientSampleId :

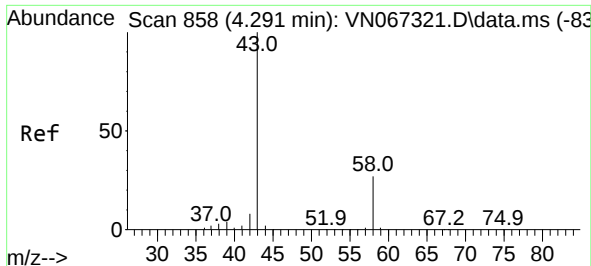
Tgt Ion:168 Resp: 339578
Ion Ratio Lower Upper
168 100
99 76.3 62.9 94.3



#13
Acrolein
Concen: 0.333 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

Tgt Ion: 56 Resp: 229
Ion Ratio Lower Upper
56 100
55 120.1 57.4 86.0#

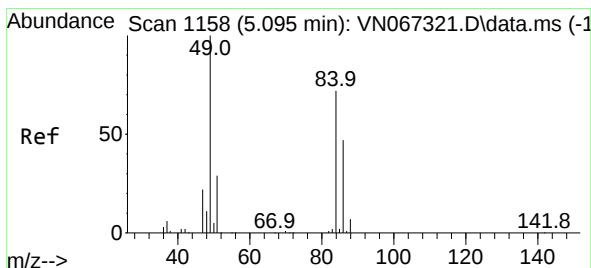
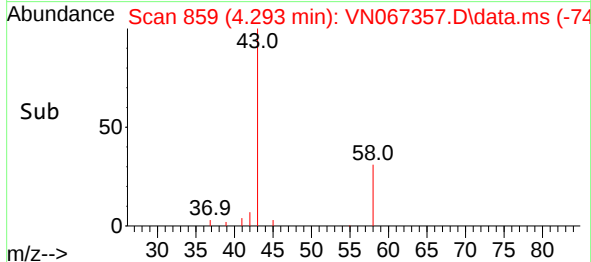
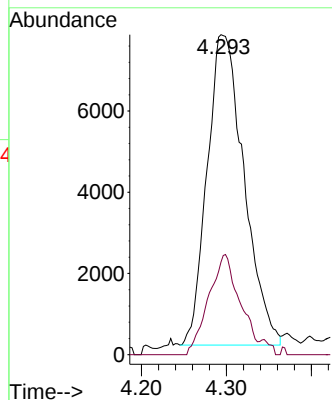
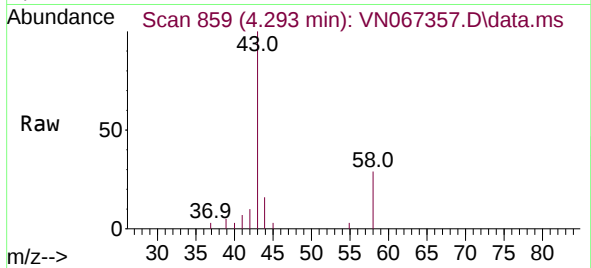




#16
Acetone
Concen: 8.966 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

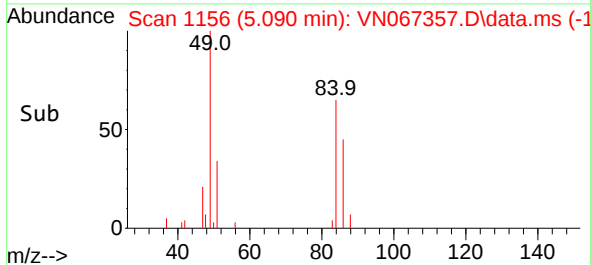
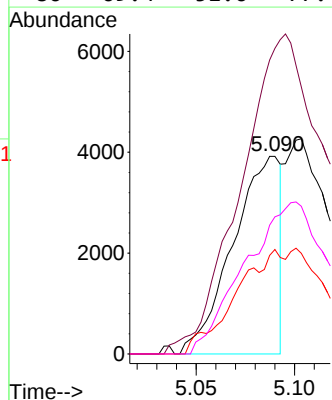
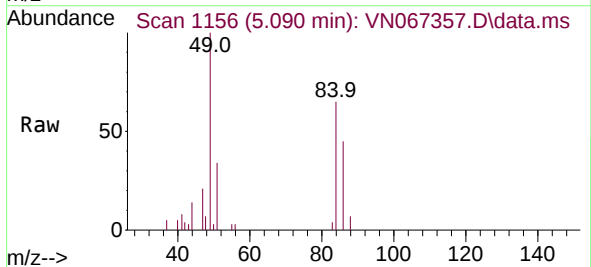
Instrument :
MSVOA_N
ClientSampled :

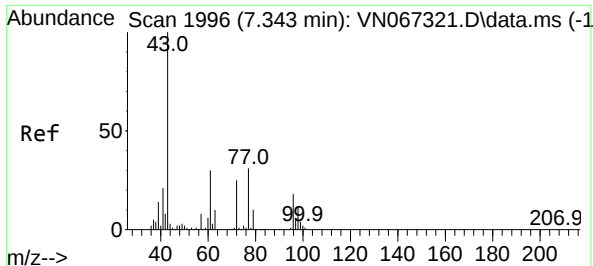
Tgt Ion: 43 Resp: 23048
Ion Ratio Lower Upper
43 100
58 29.9 21.2 31.8



#20
Methylene Chloride
Concen: 1.227 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.005 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

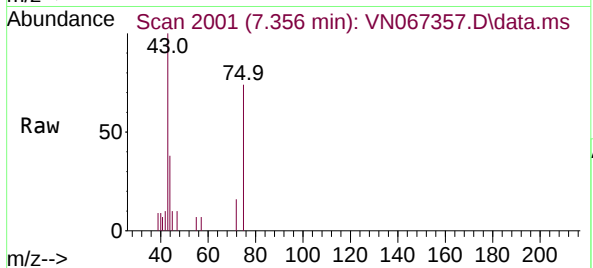
Tgt Ion: 84 Resp: 6561
Ion Ratio Lower Upper
84 100
49 147.6 110.9 166.3
51 52.8 32.6 49.0#
86 69.4 51.6 77.4



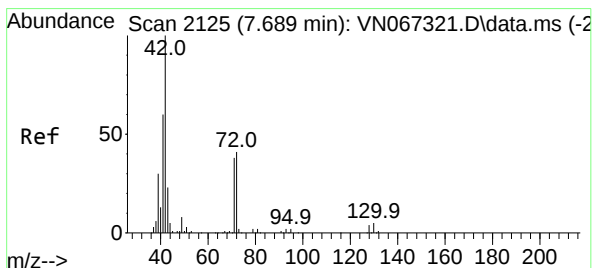
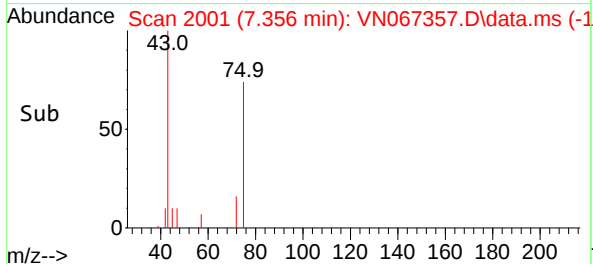
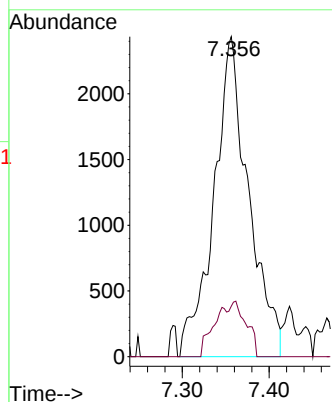


#25
2-Butanone
Concen: 1.840 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. 0.013 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

Instrument :
MSVOA_N
ClientSampled :

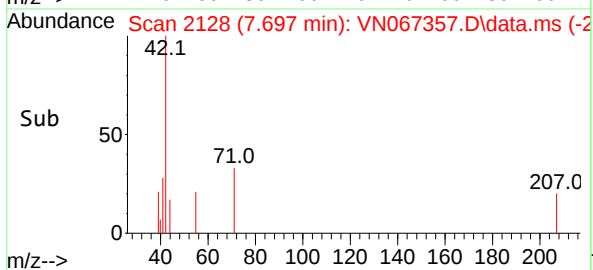
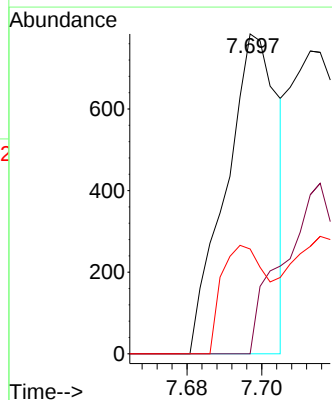
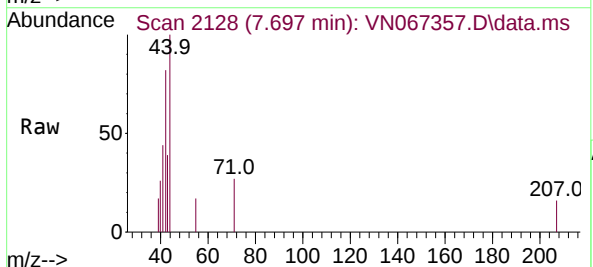


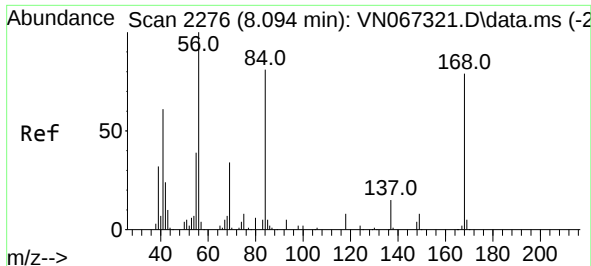
Tgt Ion: 43 Resp: 6759
Ion Ratio Lower Upper
43 100
72 15.7 19.7 29.5#



#29
Tetrahydrofuran
Concen: 0.325 ug/l
RT: 7.697 min Scan# 2128
Delta R.T. 0.008 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

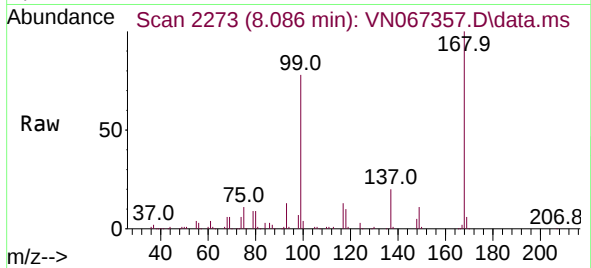
Tgt Ion: 42 Resp: 752
Ion Ratio Lower Upper
42 100
72 0.0 32.8 49.2#
71 28.6 31.2 46.8#



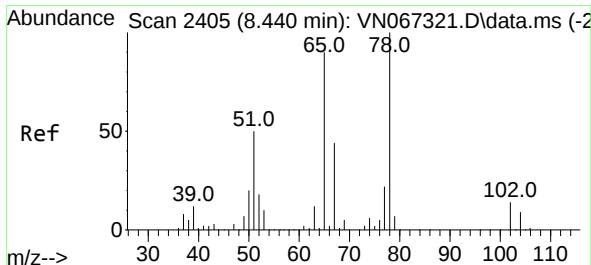
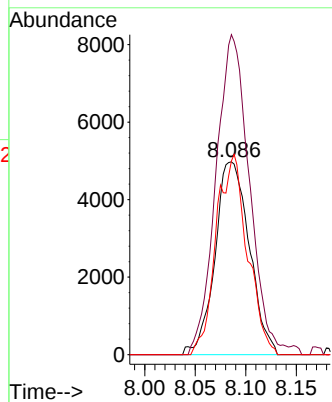
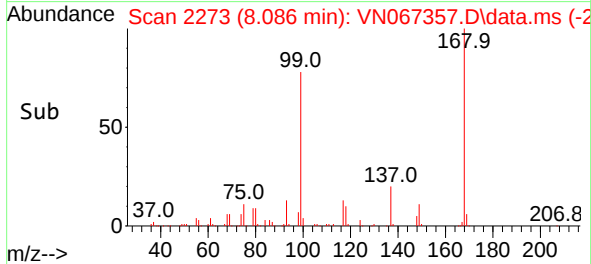


#31
Cyclohexane
Concen: 1.290 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

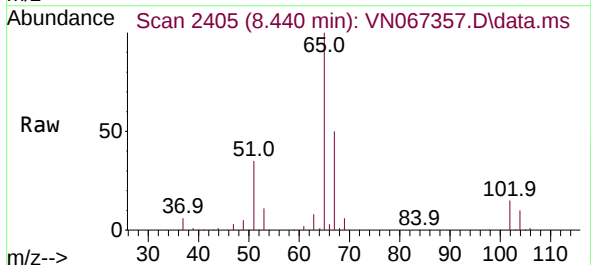
Instrument :
MSVOA_N
ClientSampled :



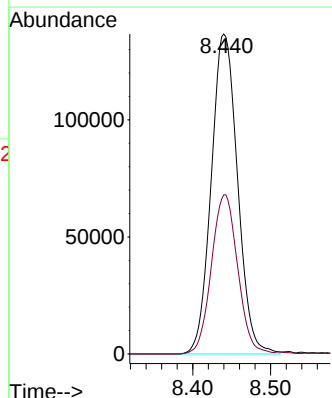
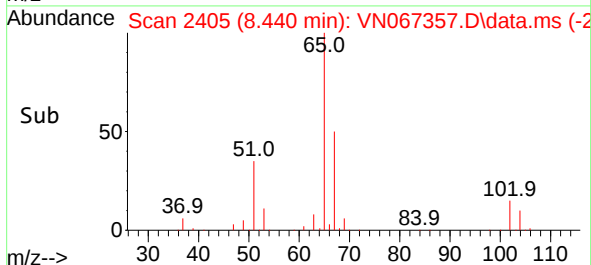
Tgt Ion: 56 Resp: 11749
Ion Ratio Lower Upper
56 100
69 166.0 27.3 40.9#
84 100.4 64.9 97.3#

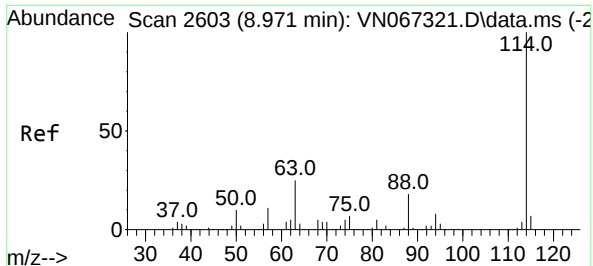


#33
1,2-Dichloroethane-d4
Concen: 47.913 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38



Tgt Ion: 65 Resp: 320966
Ion Ratio Lower Upper
65 100
67 49.6 0.0 98.6

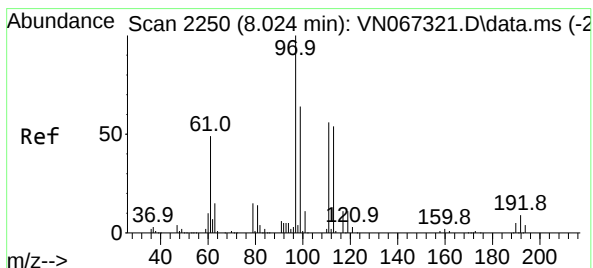
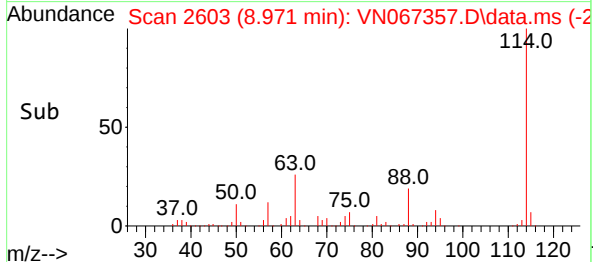
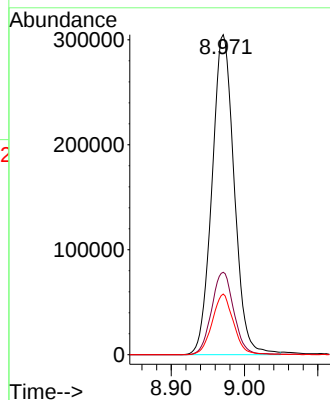
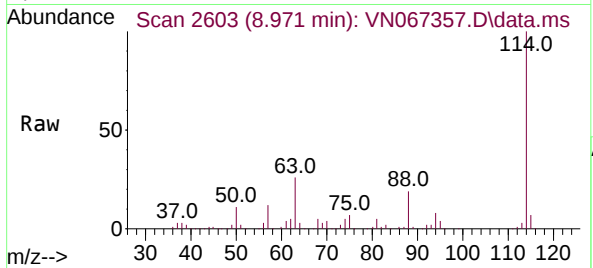




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

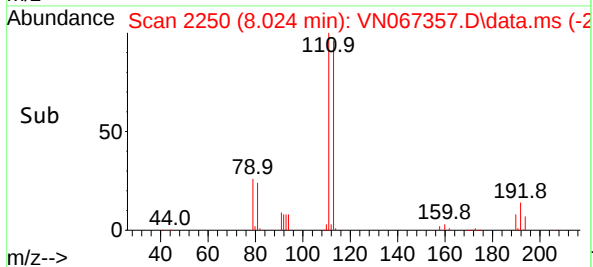
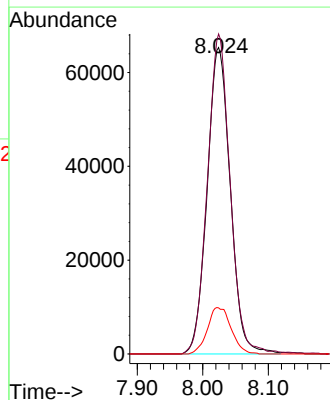
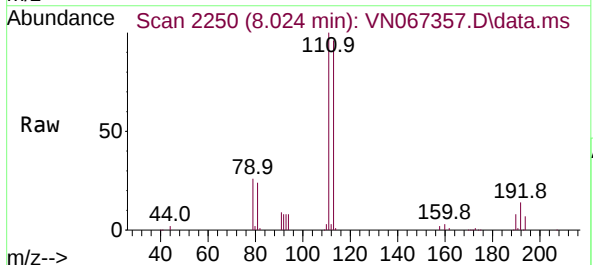
Instrument :
MSVOA_N
ClientSampleId :

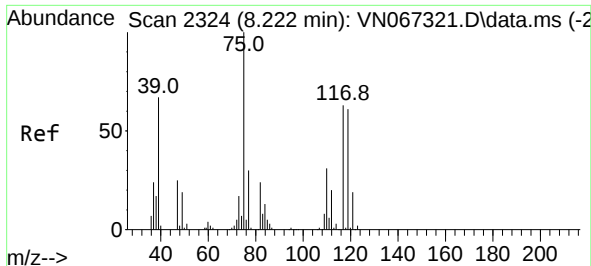
Tgt Ion:114 Resp: 641236
Ion Ratio Lower Upper
114 100
63 25.7 0.0 49.0
88 18.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 37.594 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

Tgt Ion:113 Resp: 160329
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.8
192 15.5 13.4 20.0

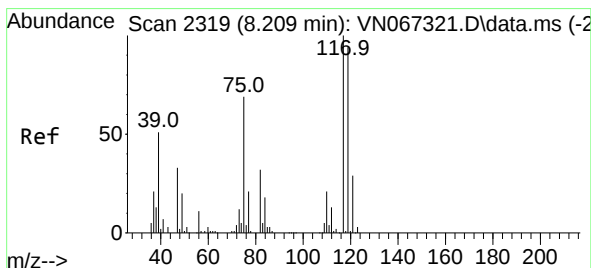
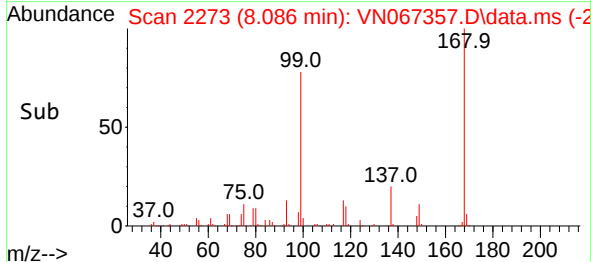
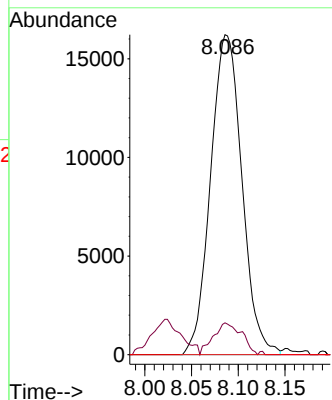
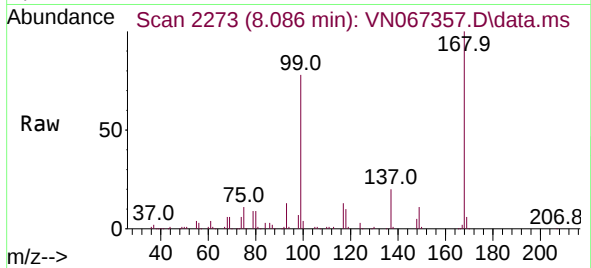




#36
1,1-Dichloropropene
Concen: 5.262 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

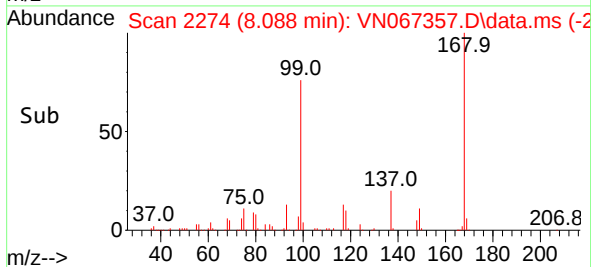
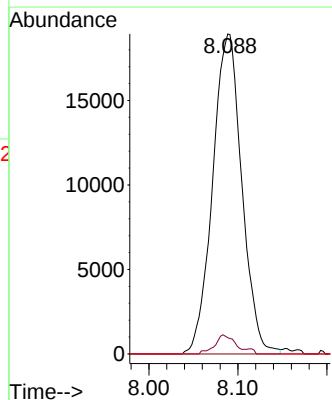
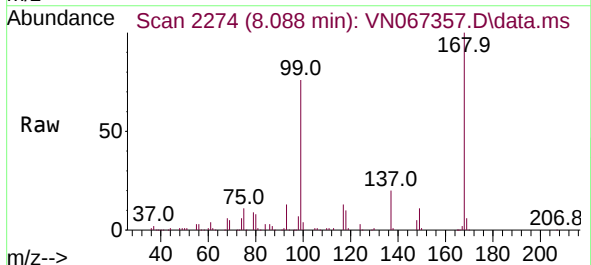
Instrument :
MSVOA_N
ClientSampleId :

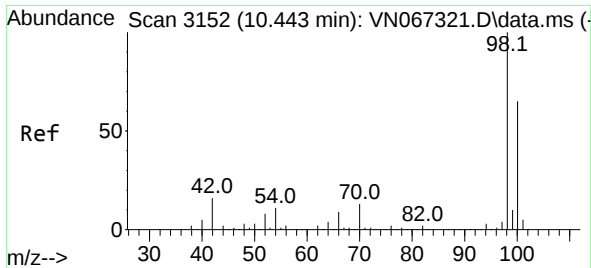
Tgt Ion: 75 Resp: 37827
Ion Ratio Lower Upper
75 100
110 8.9 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.587 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

Tgt Ion: 117 Resp: 43167
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.2#
121 0.0 23.5 35.3#

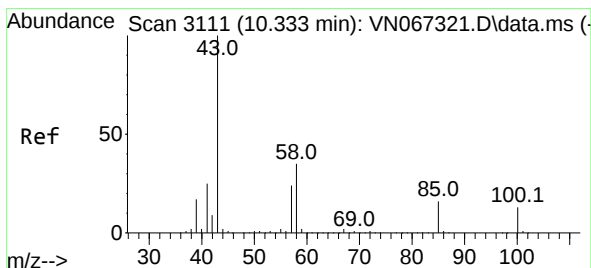
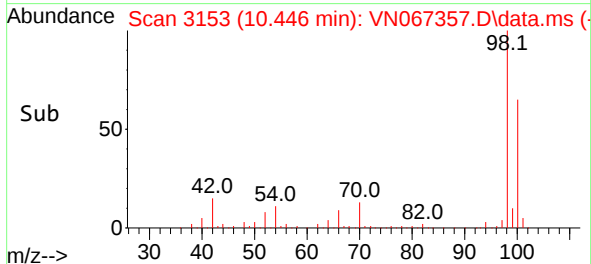
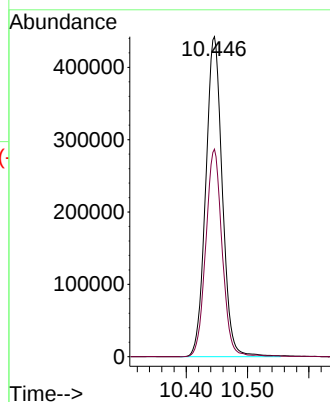
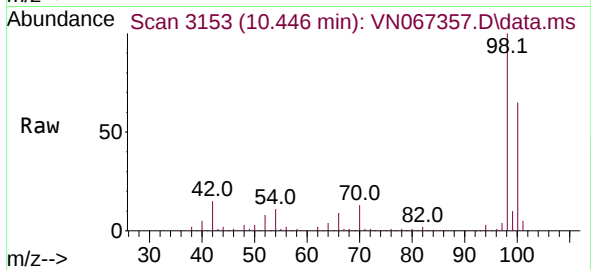




#50
Toluene-d8
Concen: 50.893 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

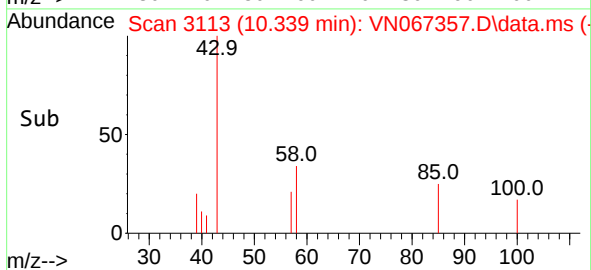
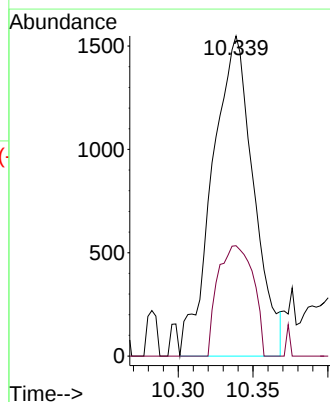
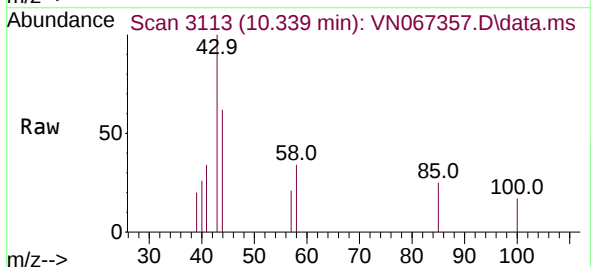
Instrument :
MSVOA_N
ClientSampled :

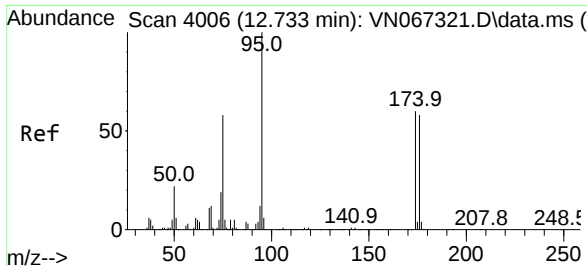
Tgt Ion: 98 Resp: 831888
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.377 ug/l
RT: 10.339 min Scan# 3113
Delta R.T. 0.006 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

Tgt Ion: 43 Resp: 2969
Ion Ratio Lower Upper
43 100
58 29.5 28.6 43.0

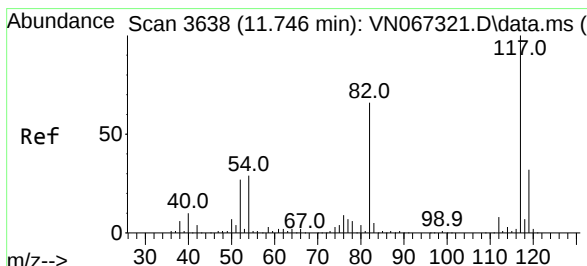
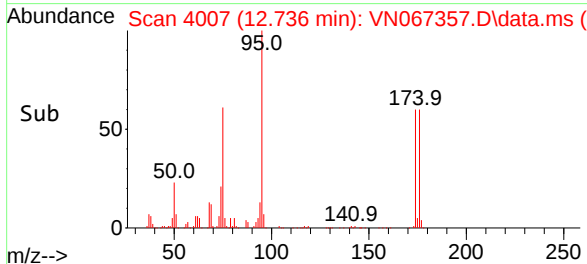
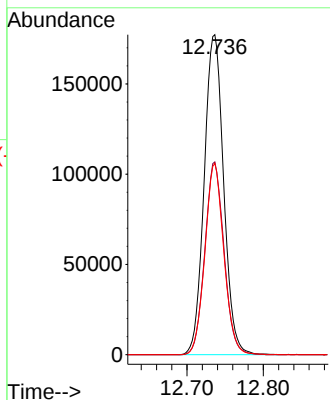
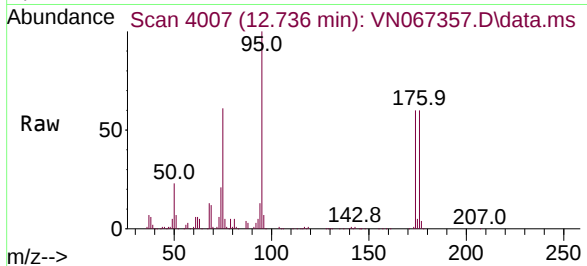




#62
4-Bromofluorobenzene
Concen: 46.657 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

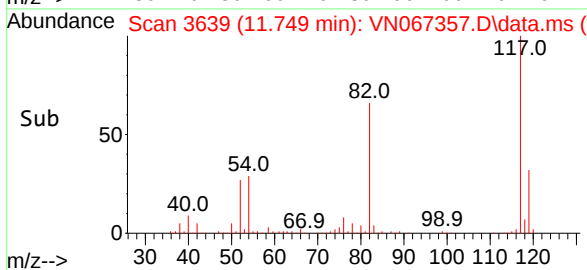
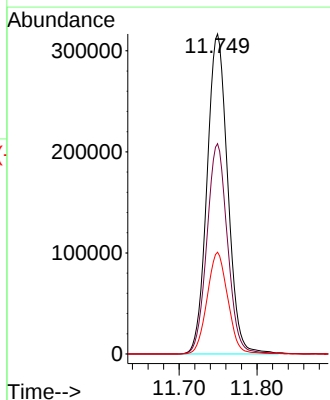
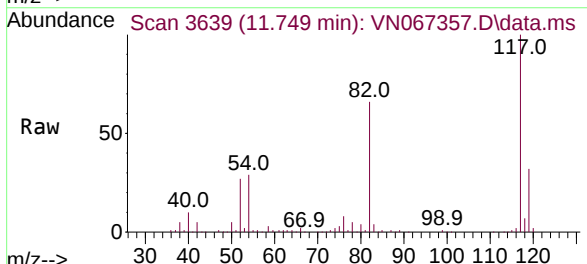
Instrument :
MSVOA_N
ClientSampleId :

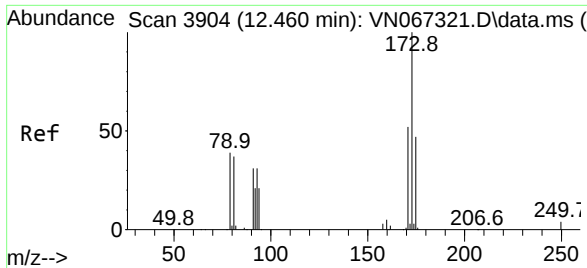
Tgt Ion: 95 Resp: 314735
Ion Ratio Lower Upper
95 100
174 59.1 0.0 122.0
176 58.1 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

Tgt Ion: 117 Resp: 584151
Ion Ratio Lower Upper
117 100
82 65.7 53.1 79.7
119 31.8 25.5 38.3

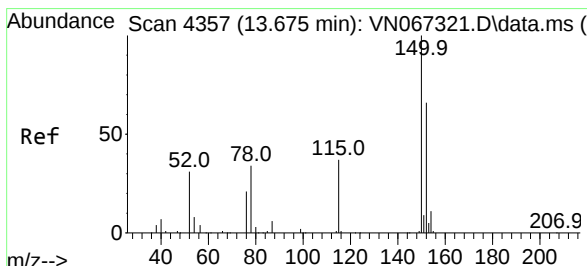
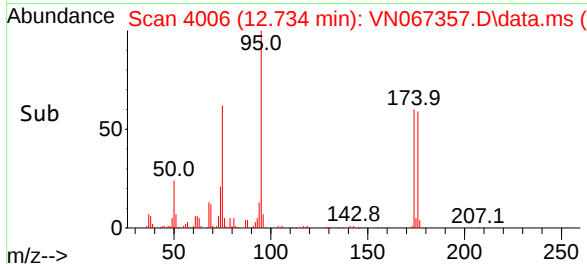
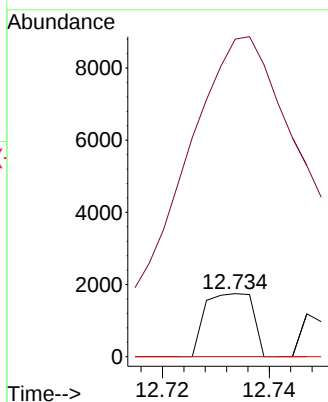
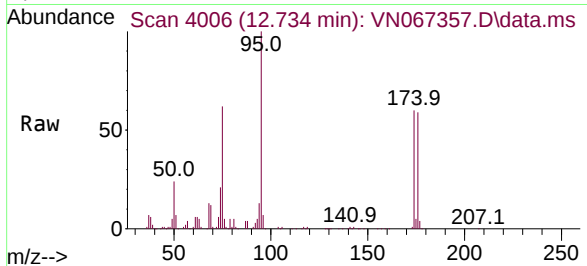




#71
Bromoform
Concen: 0.299 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

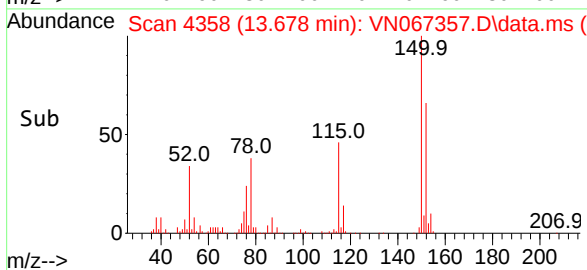
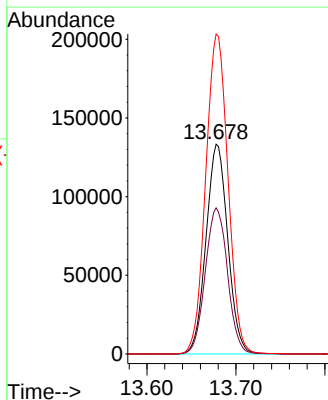
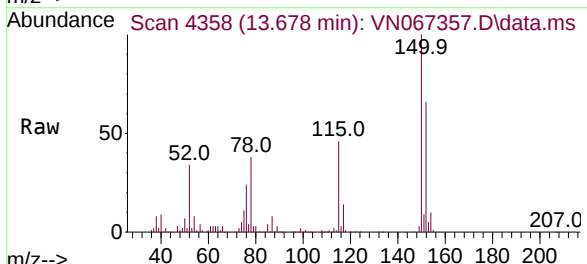
Instrument :
MSVOA_N
ClientSampled :

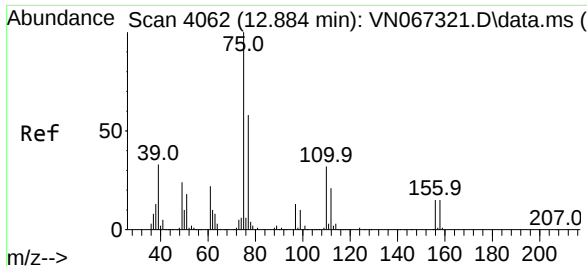
Tgt Ion:173 Resp: 1083
Ion Ratio Lower Upper
173 100
175 1266.8 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

Tgt Ion:152 Resp: 226461
Ion Ratio Lower Upper
152 100
115 71.3 36.1 108.5
150 155.9 0.0 351.8

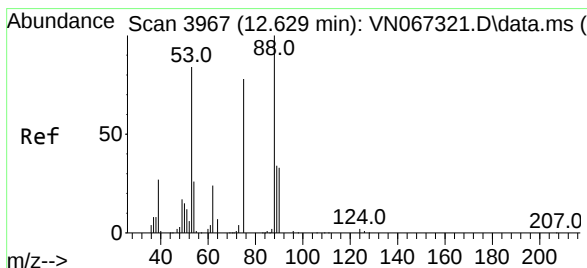
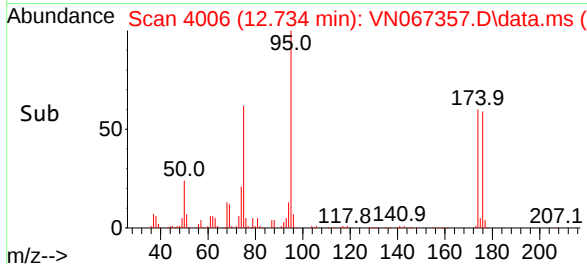
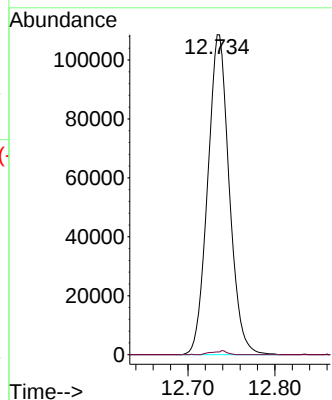
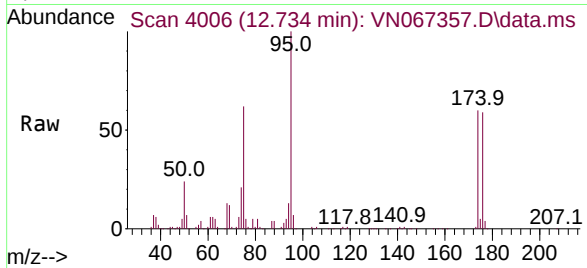




#76
1,2,3-Trichloropropane
Concen: 31.786 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

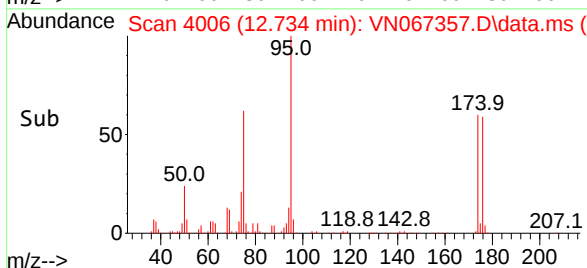
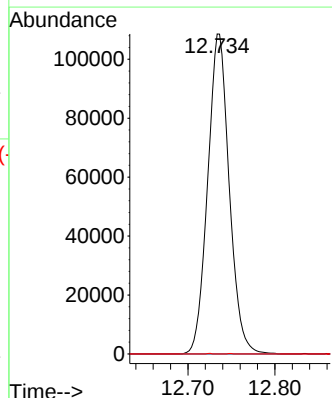
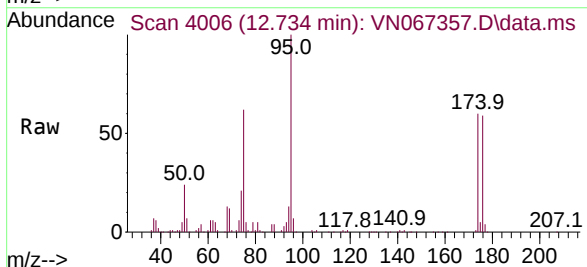
Instrument :
MSVOA_N
ClientSampleId :

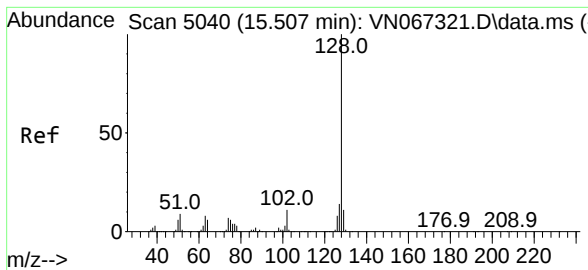
Tgt Ion: 75 Resp: 186927
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.775 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

Tgt Ion: 75 Resp: 186927
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 2.674 ug/l
RT: 15.518 min Scan# 5044
Delta R.T. 0.011 min
Lab File: VN067357.D
Acq: 15 Jun 2021 19:38

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 970
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 2.9 8.6 12.8#

