

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067355.D
 Acq On : 15 Jun 2021 18:50
 Operator : JC/MD
 Sample : M2709-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 02:40:50 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)

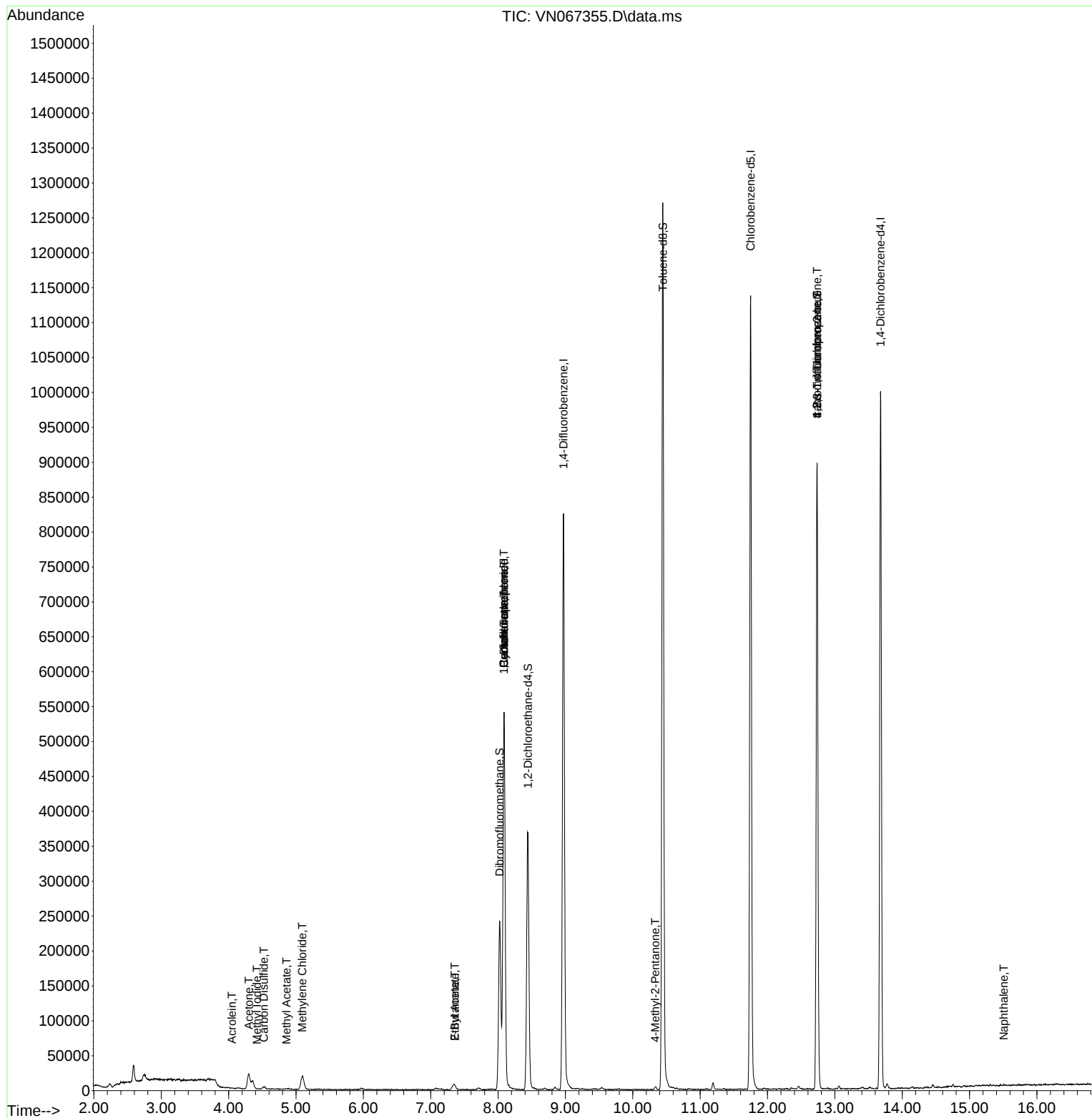
Internal Standards						
1) Pentafluorobenzene	8.088	168	349788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	664377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	606080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	236763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	329103	47.694	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	95.380%	
35) Dibromofluoromethane	8.024	113	172972	39.146	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	78.300%	
50) Toluene-d8	10.446	98	860298	50.797	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	101.600%	
62) 4-Bromofluorobenzene	12.736	95	333709	47.746	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	95.500%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.419	142	81	6.759	ug/l #	33
13) Acrolein	4.047	56	603	0.850	ug/l #	66
16) Acetone	4.299	43	40825	15.417	ug/l	96
17) Carbon Disulfide	4.524	76	3262	0.241	ug/l	100
18) Methyl Acetate	4.859	43	1315	0.205	ug/l #	71
20) Methylene Chloride	5.093	84	15207	2.760	ug/l	91
25) 2-Butanone	7.356	43	8460	2.236	ug/l	95
31) Cyclohexane	8.088	56	11879	1.266	ug/l #	23
36) 1,1-Dichloropropene	8.086	75	39056	5.244	ug/l #	51
37) Ethyl Acetate	7.356	43	8460	1.072	ug/l #	69
38) Carbon Tetrachloride	8.088	117	44448	5.552	ug/l #	17
51) 4-Methyl-2-Pentanone	10.336	43	3649	0.447	ug/l #	60
76) 1,2,3-Trichloropropane	12.736	75	191976	31.224	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	191976	77.383	ug/l #	6
95) Naphthalene	15.507	128	1360	2.697	ug/l #	72

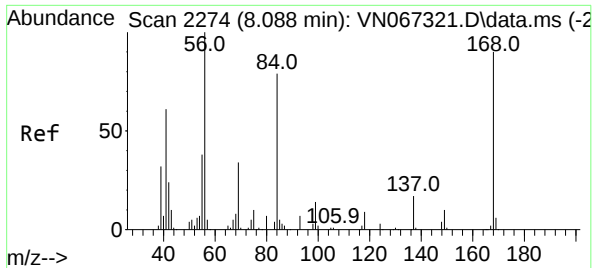
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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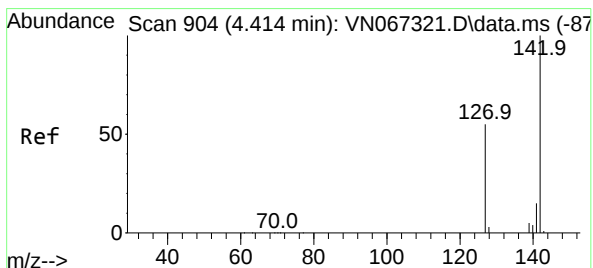
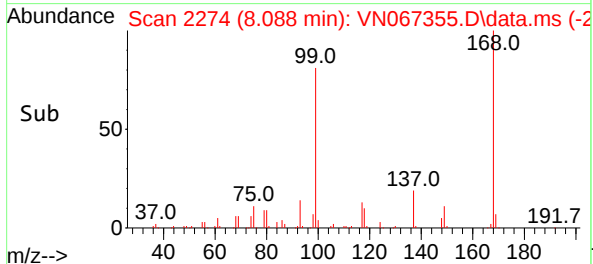
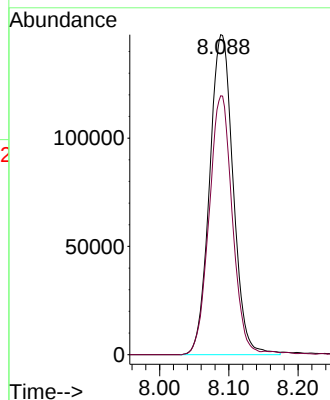
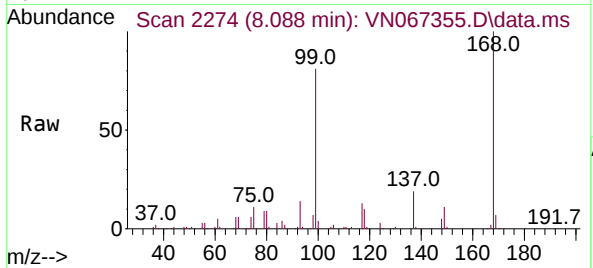




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

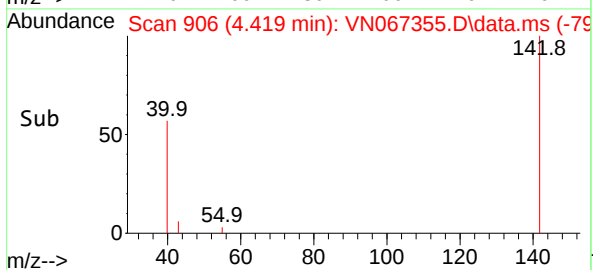
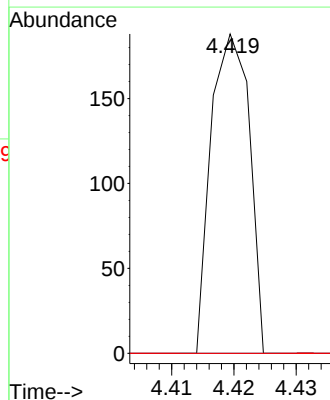
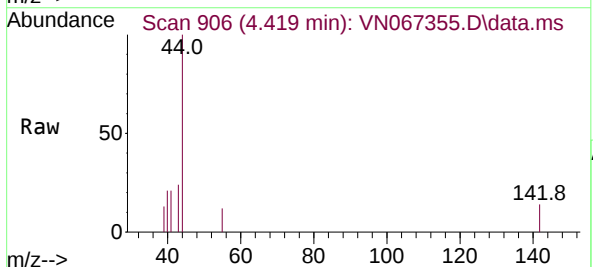
Instrument :
MSVOA_N
ClientSampled :

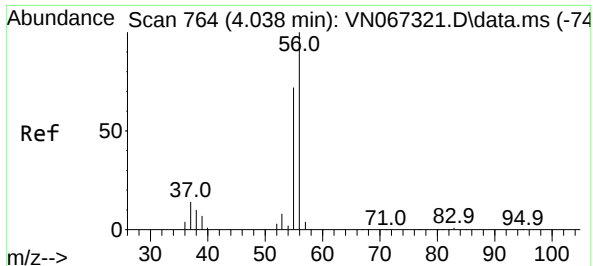
Tgt Ion:168 Resp: 349788
Ion Ratio Lower Upper
168 100
99 80.9 62.9 94.3



#10
Methyl Iodide
Concen: 6.759 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

Tgt Ion:142 Resp: 81
Ion Ratio Lower Upper
142 100
127 0.0 43.1 64.7#
141 0.0 11.4 17.0#

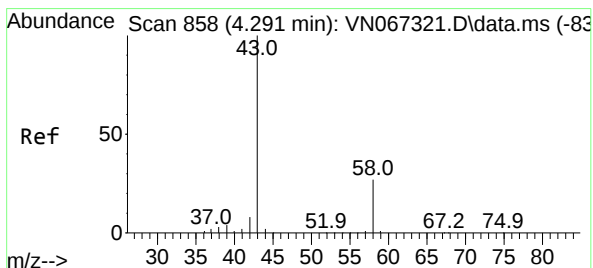
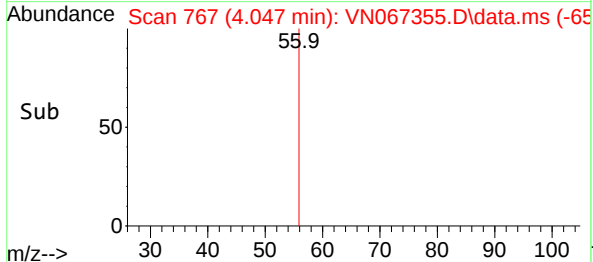
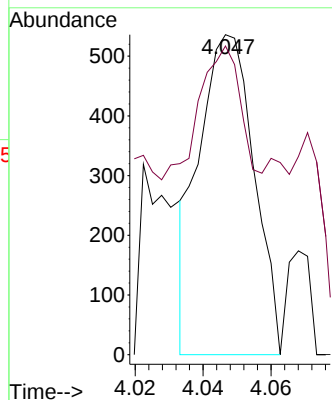
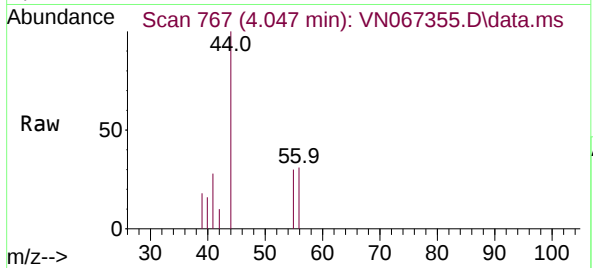




#13
Acrolein
Concen: 0.850 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.009 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

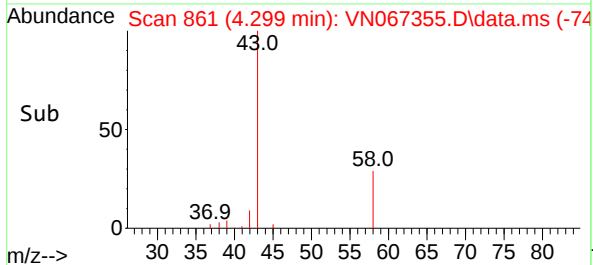
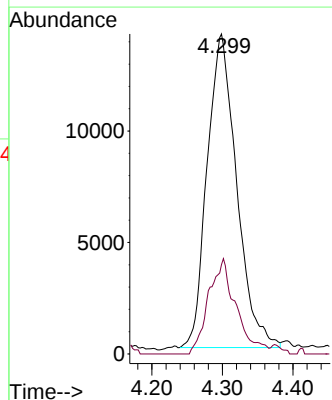
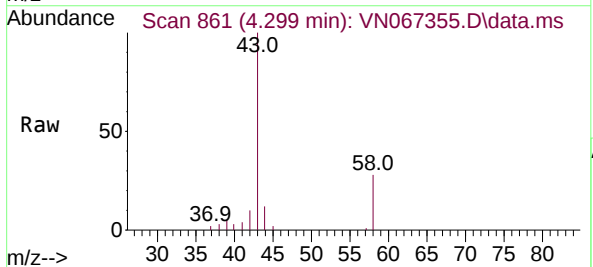
Instrument :
MSVOA_N
ClientSampled :

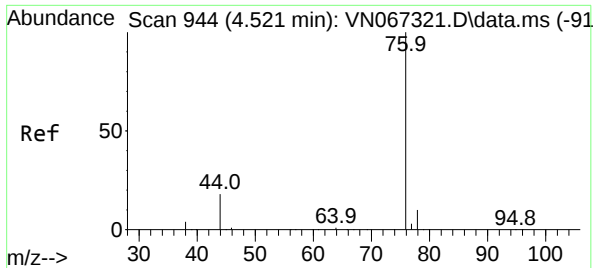
Tgt Ion: 56 Resp: 603
Ion Ratio Lower Upper
56 100
55 43.8 57.4 86.0#



#16
Acetone
Concen: 15.417 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

Tgt Ion: 43 Resp: 40825
Ion Ratio Lower Upper
43 100
58 28.5 21.2 31.8

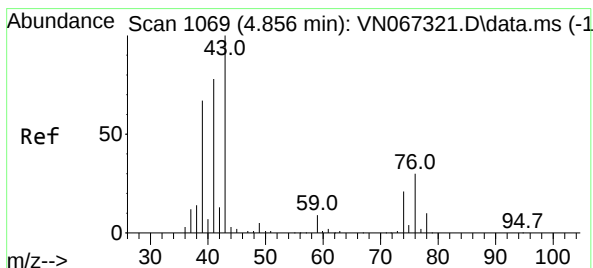
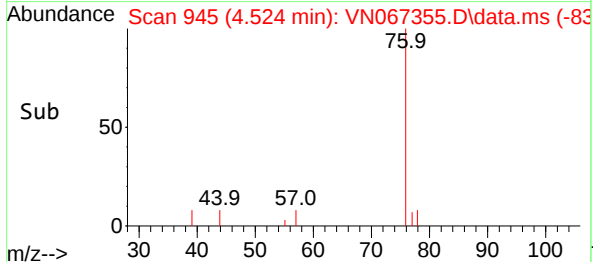
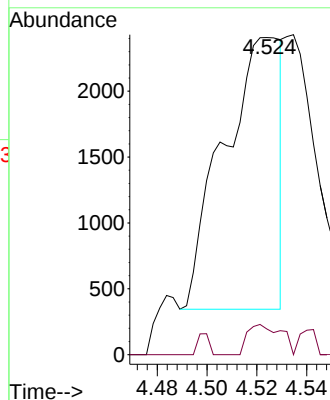
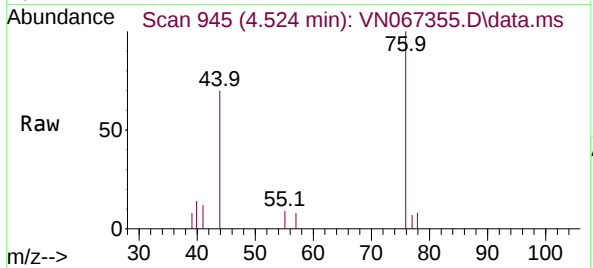




#17
Carbon Disulfide
Concen: 0.241 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

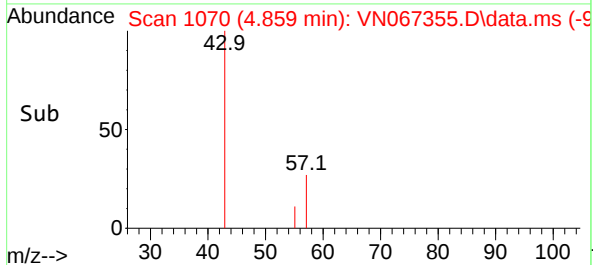
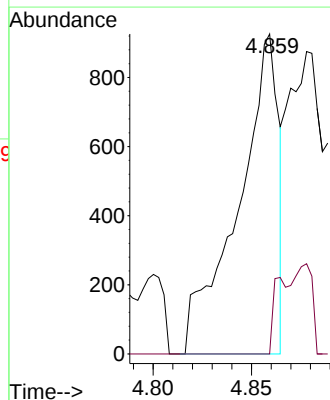
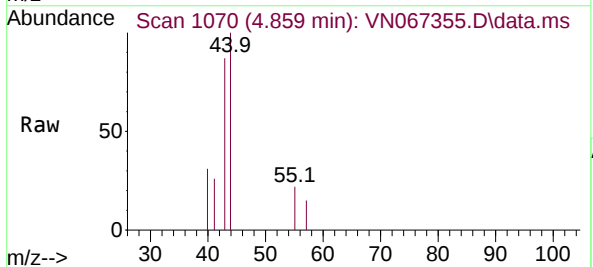
Instrument :
MSVOA_N
ClientSampled :

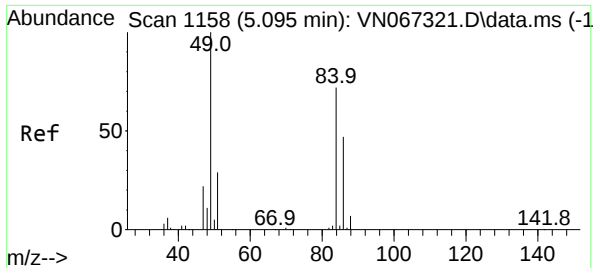
Tgt Ion: 76 Resp: 3262
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5



#18
Methyl Acetate
Concen: 0.205 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

Tgt Ion: 43 Resp: 1315
Ion Ratio Lower Upper
43 100
74 7.8 17.4 26.0#

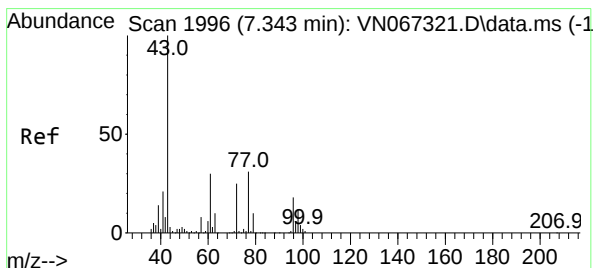
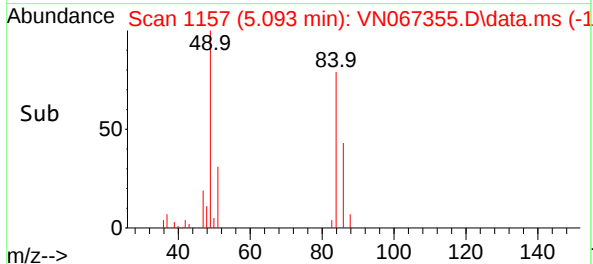
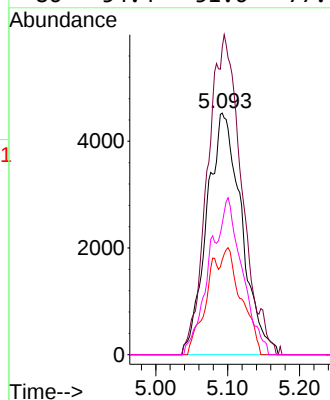
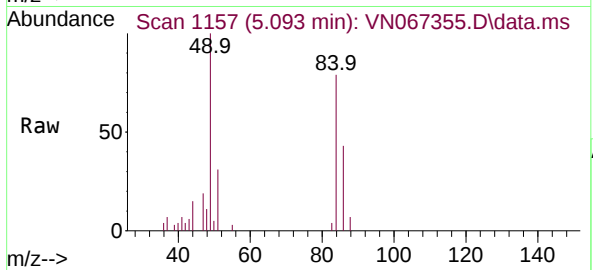




#20
Methylene Chloride
Concen: 2.760 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

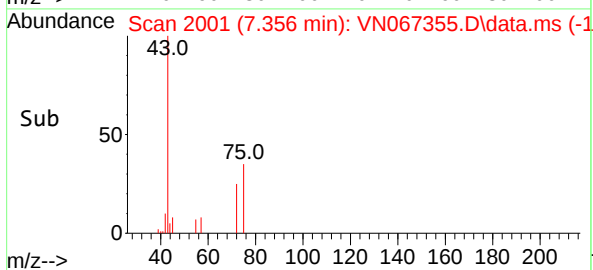
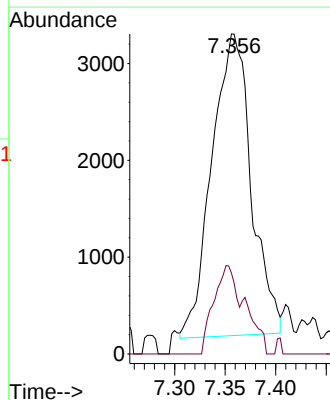
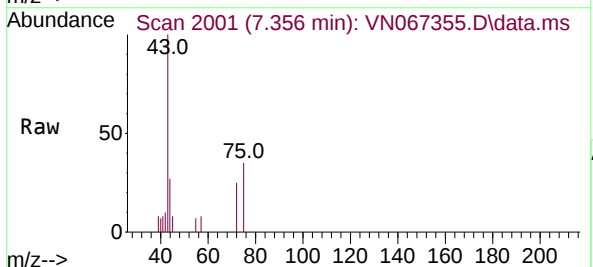
Instrument :
MSVOA_N
ClientSampled :

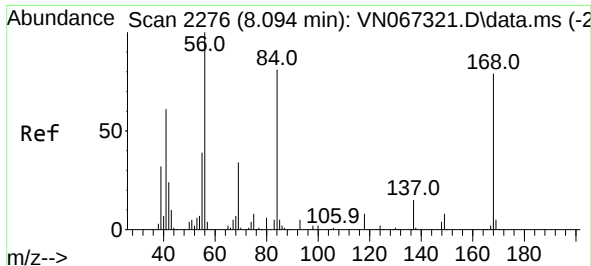
Tgt Ion:	84	Resp:	15207
Ion	Ratio	Lower	Upper
84	100		
49	127.3	110.9	166.3
51	39.4	32.6	49.0
86	54.4	51.6	77.4



#25
2-Butanone
Concen: 2.236 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. 0.013 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

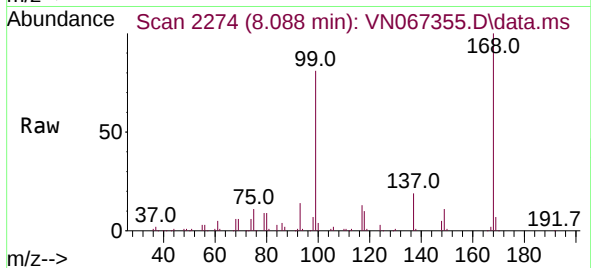
Tgt Ion:	43	Resp:	8460
Ion	Ratio	Lower	Upper
43	100		
72	27.0	19.7	29.5



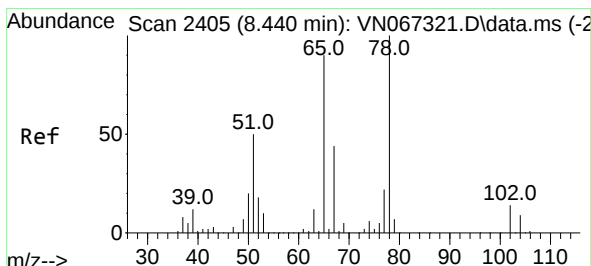
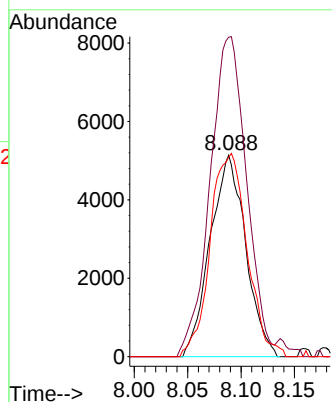
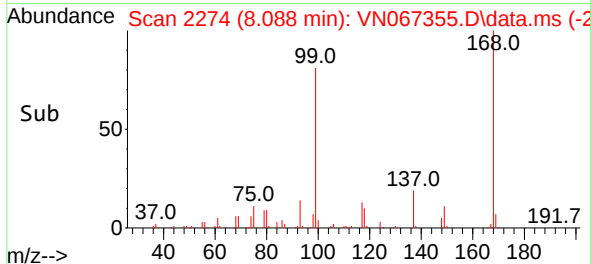


#31
Cyclohexane
Concen: 1.266 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

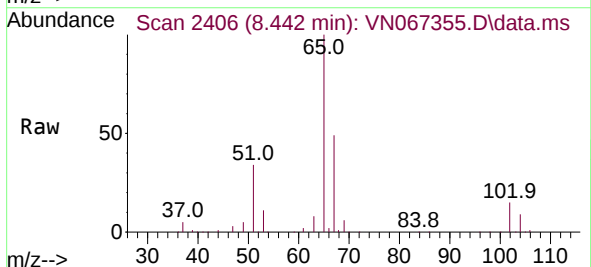
Instrument :
MSVOA_N
ClientSampled :



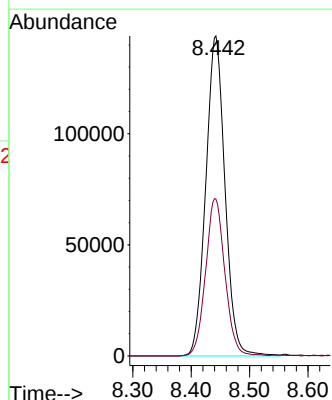
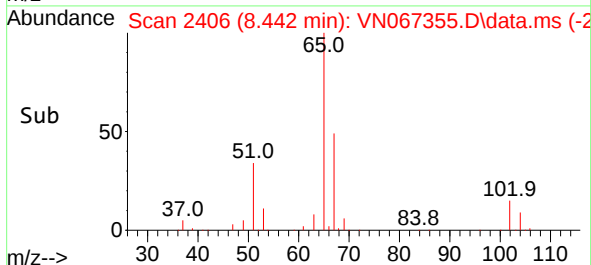
Tgt Ion:	56	Resp:	11879
Ion	Ratio	Lower	Upper
56	100		
69	155.2	27.3	40.9#
84	99.0	64.9	97.3#

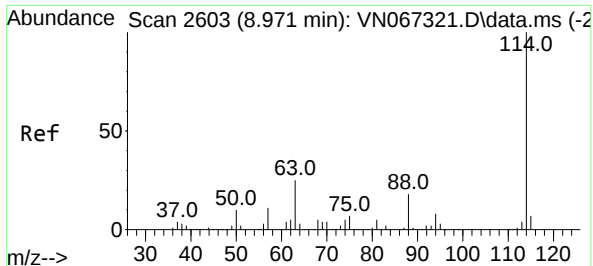


#33
1,2-Dichloroethane-d4
Concen: 47.694 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50



Tgt Ion:	65	Resp:	329103
Ion	Ratio	Lower	Upper
65	100		
67	49.5	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: VN067355.D

Acq: 15 Jun 2021 18:50

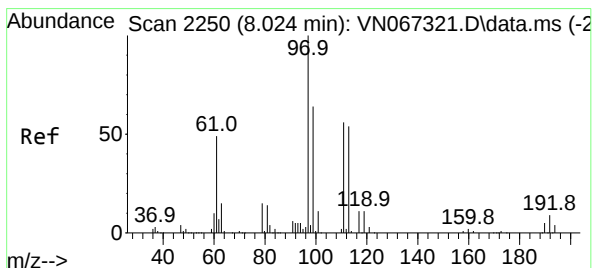
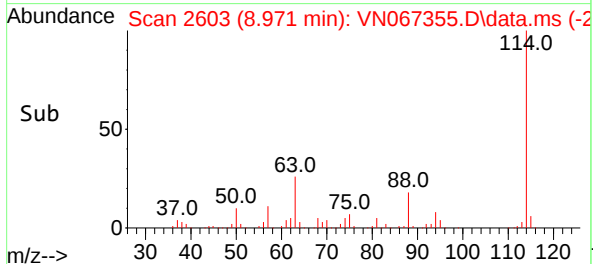
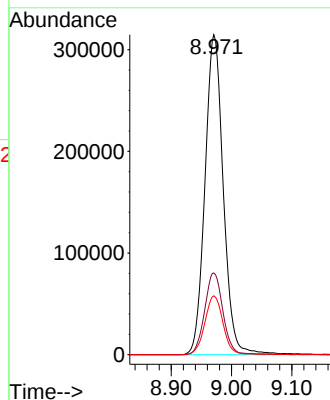
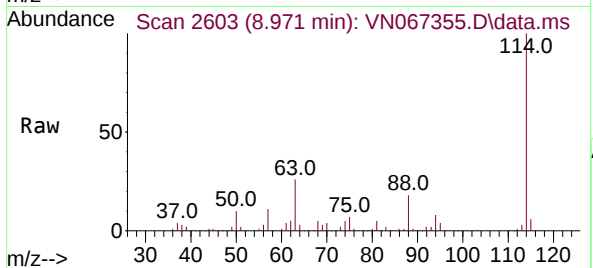
Tgt Ion:114 Resp: 664377

Ion Ratio Lower Upper

114 100

63 25.6 0.0 49.0

88 18.4 0.0 36.6



#35

Dibromofluoromethane

Concen: 39.146 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN067355.D

Acq: 15 Jun 2021 18:50

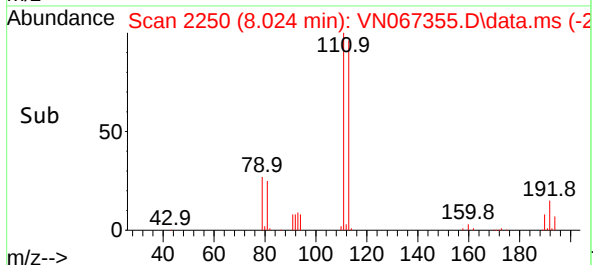
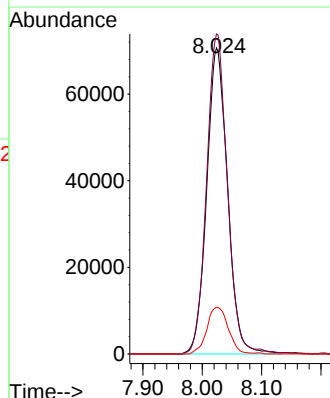
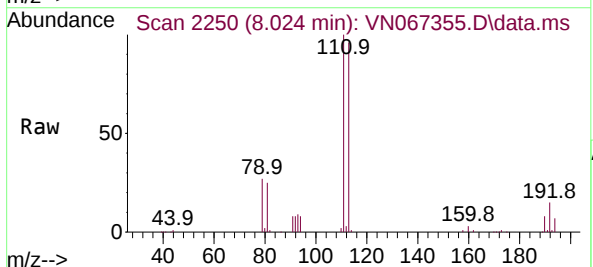
Tgt Ion:113 Resp: 172972

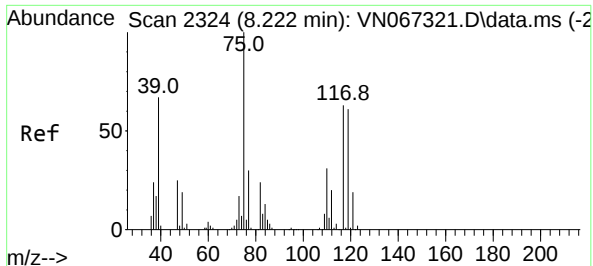
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.8

192 15.7 13.4 20.0

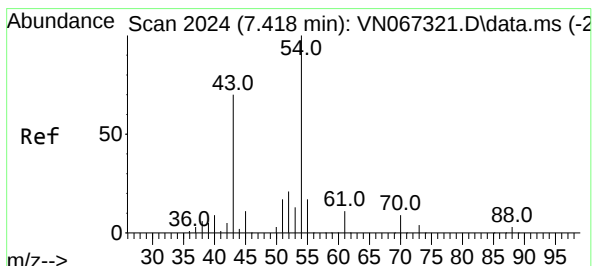
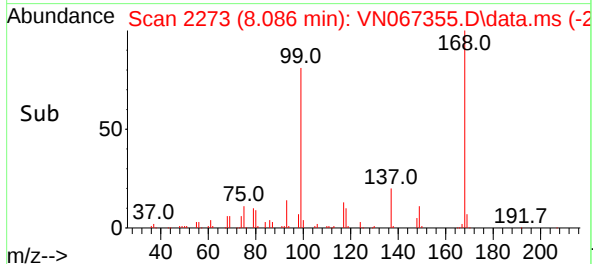
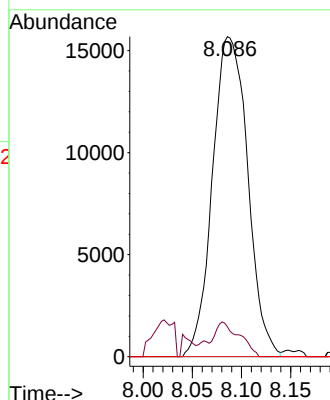
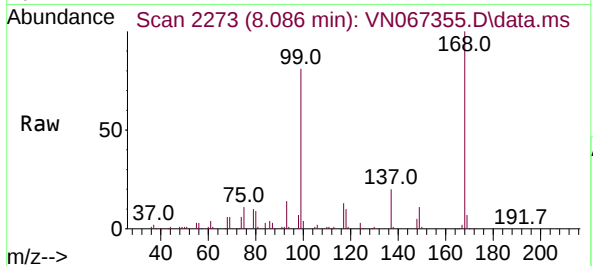




#36
1,1-Dichloropropene
Concen: 5.244 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

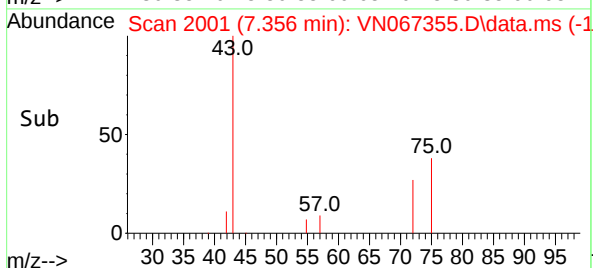
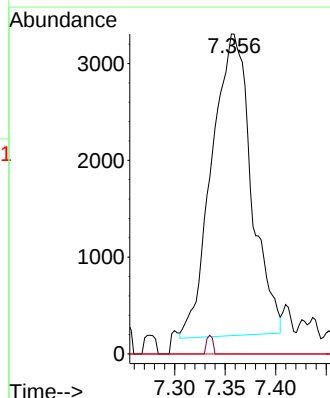
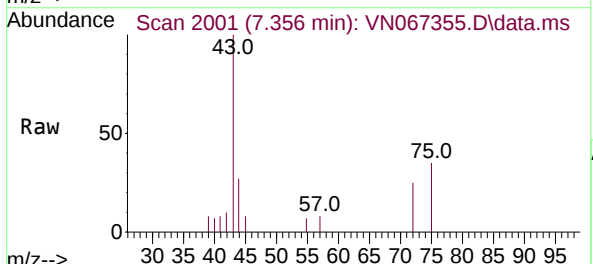
Instrument :
MSVOA_N
ClientSampled :

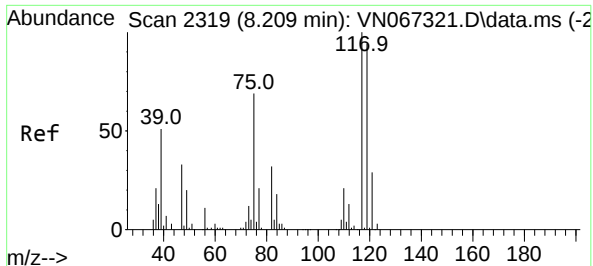
Tgt Ion: 75 Resp: 39056
Ion Ratio Lower Upper
75 100
110 7.6 15.7 47.0#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 1.072 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. -0.062 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

Tgt Ion: 43 Resp: 8460
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.1 12.1#

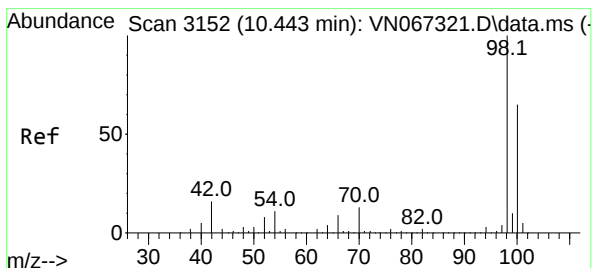
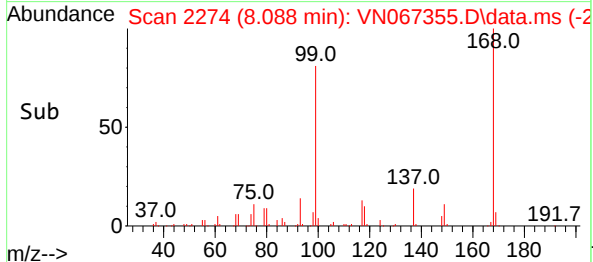
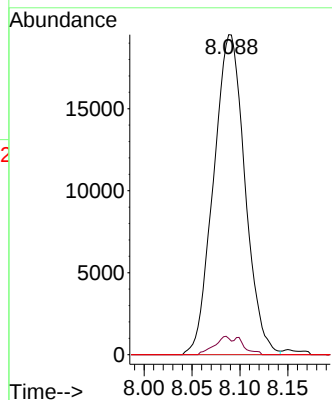
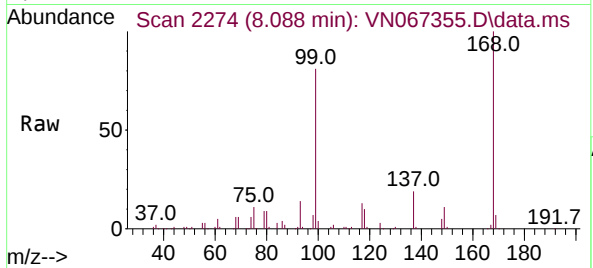




#38
Carbon Tetrachloride
Concen: 5.552 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

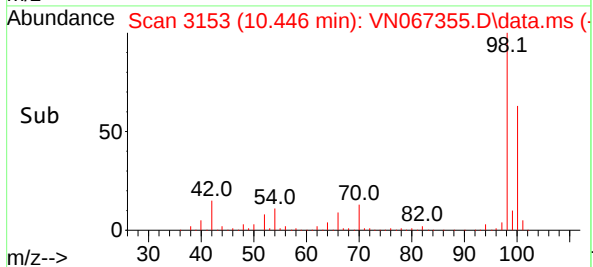
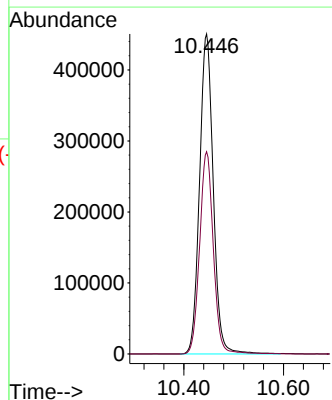
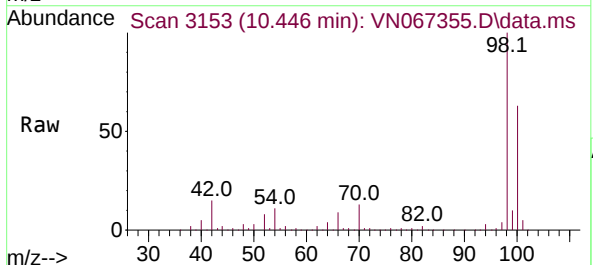
Instrument :
MSVOA_N
ClientSampled :

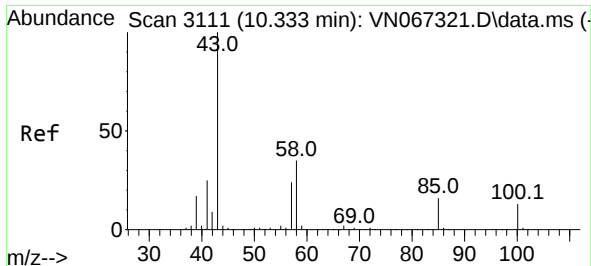
Tgt Ion:117 Resp: 44448
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 50.797 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

Tgt Ion: 98 Resp: 860298
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5

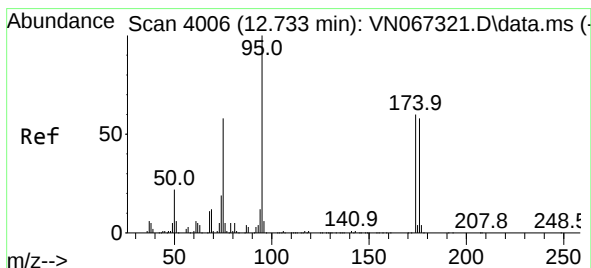
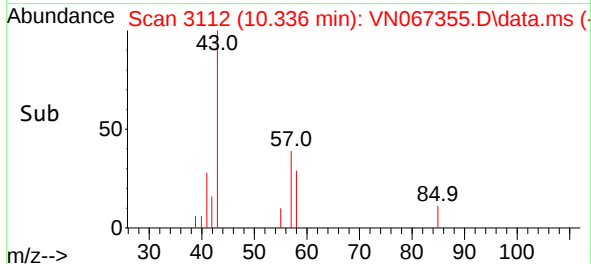
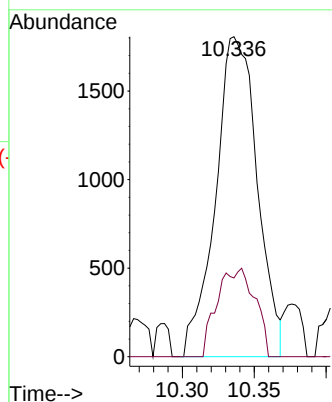
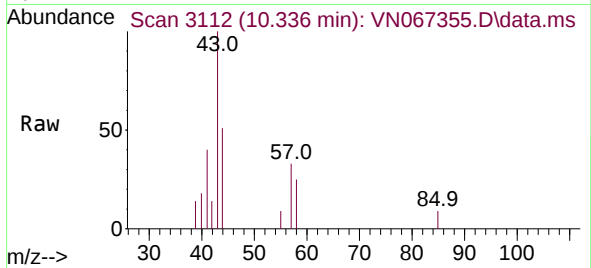




#51
4-Methyl-2-Pentanone
Concen: 0.447 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

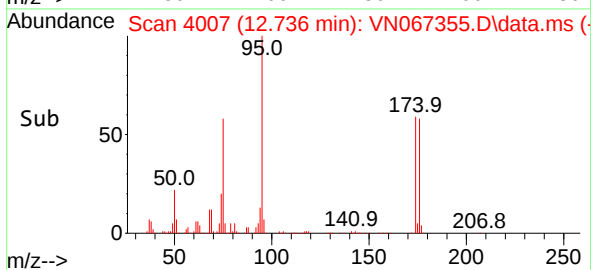
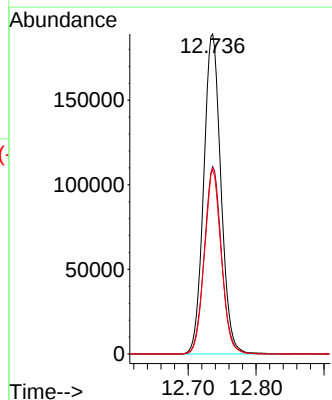
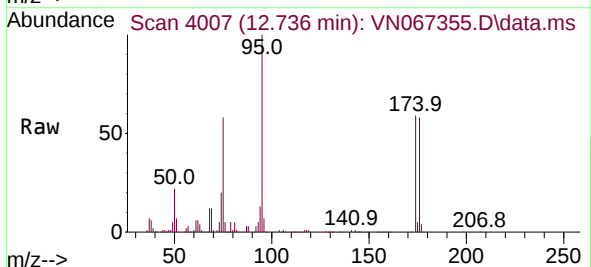
Instrument :
MSVOA_N
ClientSampled :

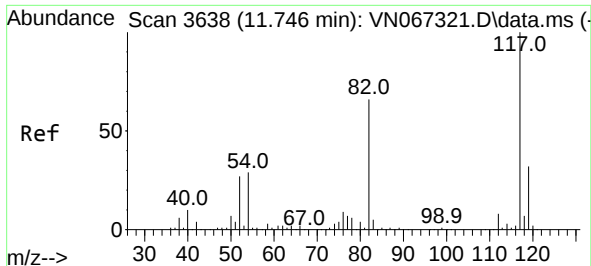
Tgt Ion: 43 Resp: 3649
Ion Ratio Lower Upper
43 100
58 12.3 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 47.746 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

Tgt Ion: 95 Resp: 333709
Ion Ratio Lower Upper
95 100
174 58.3 0.0 122.0
176 56.4 0.0 117.6

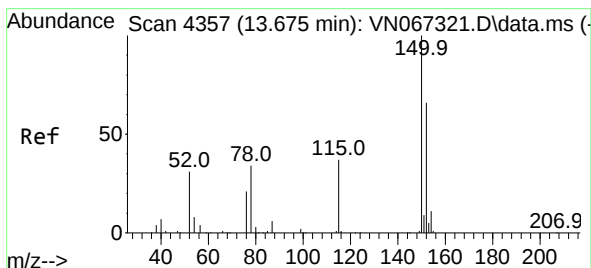
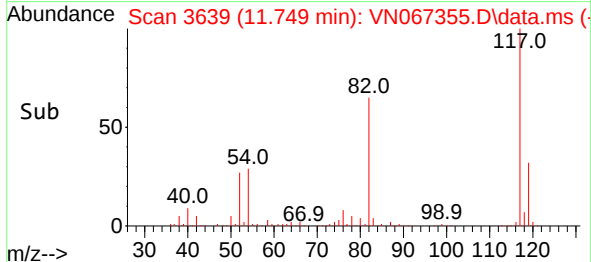
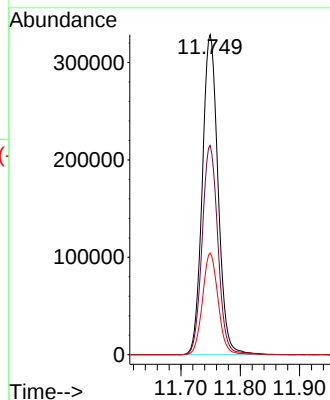
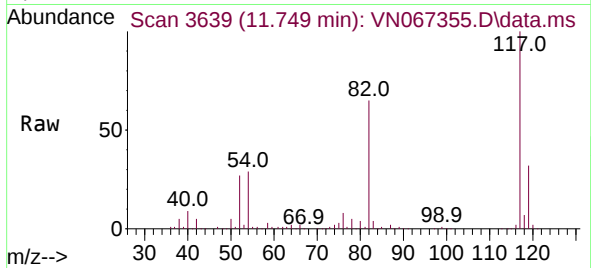




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

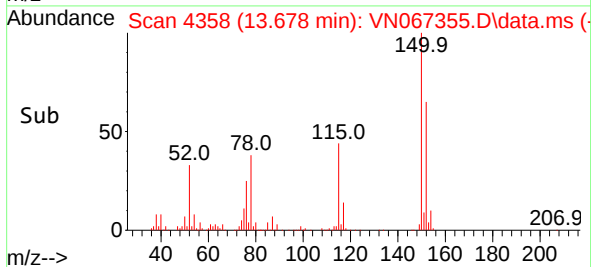
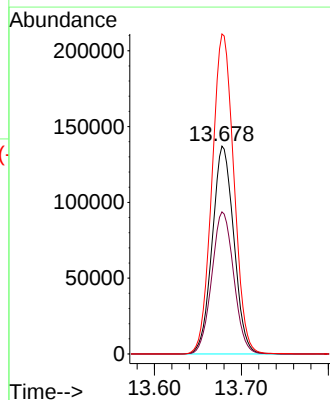
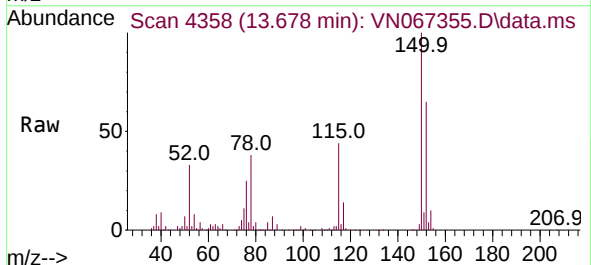
Instrument :
MSVOA_N
ClientSampleId :

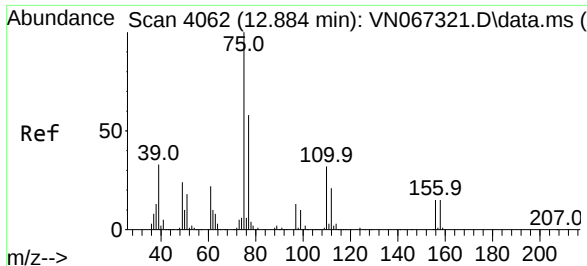
Tgt Ion:117 Resp: 606080
Ion Ratio Lower Upper
117 100
82 65.4 53.1 79.7
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

Tgt Ion:152 Resp: 236763
Ion Ratio Lower Upper
152 100
115 69.5 36.1 108.5
150 155.9 0.0 351.8

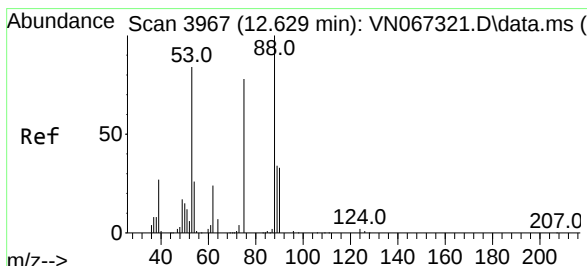
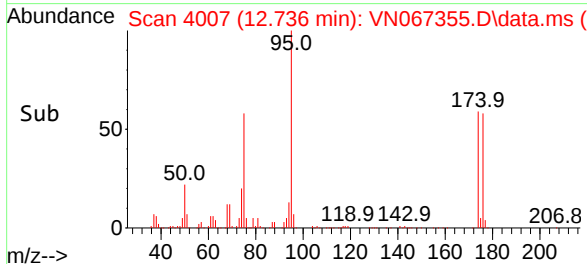
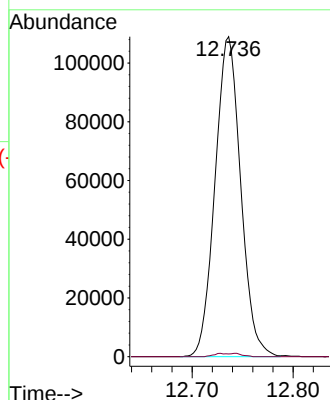
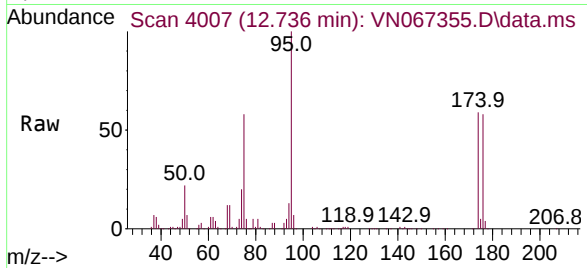




#76
1,2,3-Trichloropropane
Concen: 31.224 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

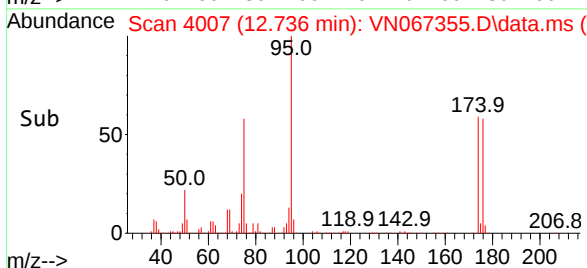
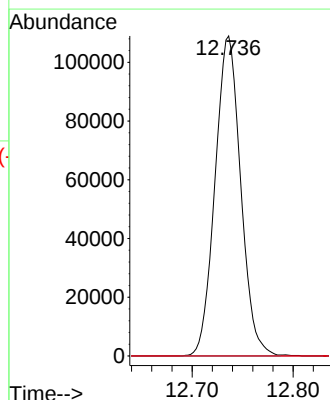
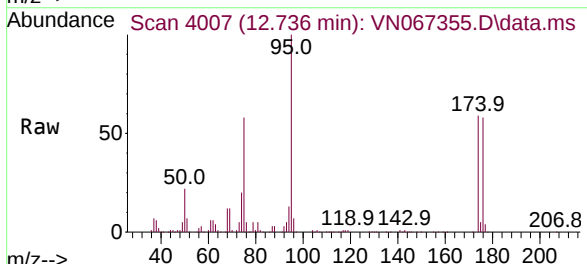
Instrument :
MSVOA_N
ClientSampled :

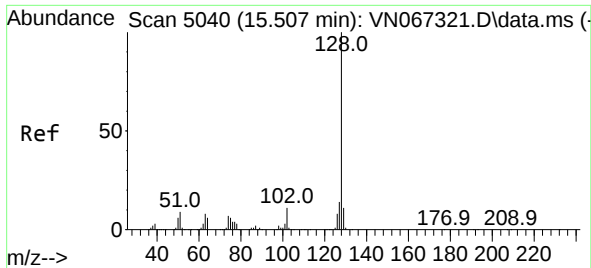
Tgt Ion: 75 Resp: 191976
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.383 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

Tgt Ion: 75 Resp: 191976
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 2.697 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067355.D
Acq: 15 Jun 2021 18:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 1360
Ion Ratio Lower Upper
128 100
127 1.8 10.6 15.8#
129 0.0 8.6 12.8#

