

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067339.D
 Acq On : 15 Jun 2021 12:00
 Operator : JC/MD
 Sample : VN0615WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 02:38:51 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)

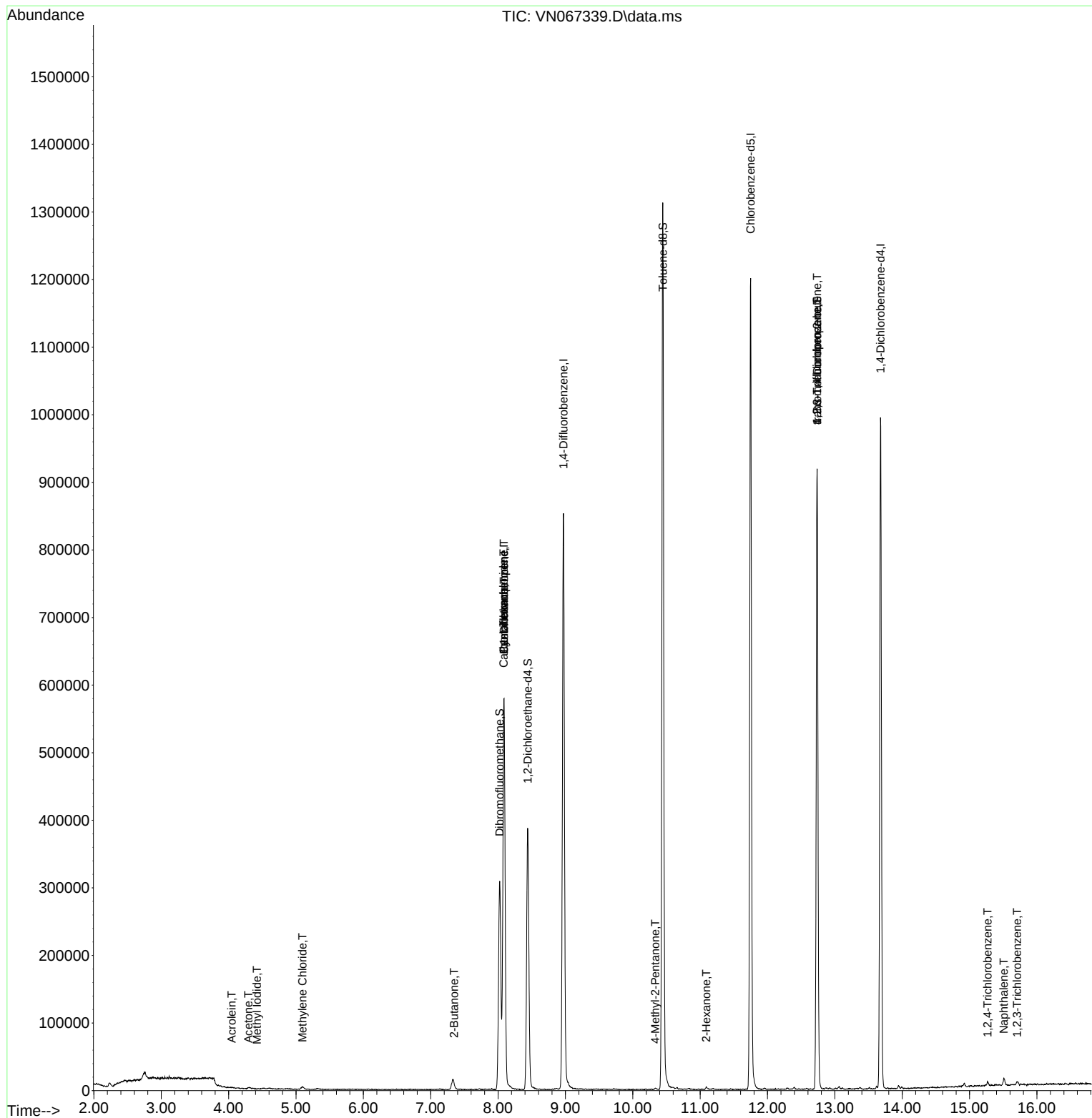
Internal Standards						
1) Pentafluorobenzene	8.088	168	380727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	687658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	632724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	230210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	343487	45.733	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.460%		
35) Dibromofluoromethane	8.024	113	218380	47.749	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.500%		
50) Toluene-d8	10.446	98	901374	51.421	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.840%		
62) 4-Bromofluorobenzene	12.736	95	344743	47.655	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.320%		
Target Compounds						Qvalue
10) Methyl Iodide	4.419	142	124	6.766	ug/l #	33
13) Acrolein	4.044	56	526	0.682	ug/l #	52
16) Acetone	4.293	43	1390	0.482	ug/l #	62
20) Methylene Chloride	5.095	84	1661	0.277	ug/l #	85
25) 2-Butanone	7.345	43	850	0.206	ug/l #	51
31) Cyclohexane	8.085	56	12753	1.249	ug/l #	20
36) 1,1-Dichloropropene	8.085	75	40560	5.261	ug/l #	52
38) Carbon Tetrachloride	8.083	117	46026	5.554	ug/l #	15
51) 4-Methyl-2-Pentanone	10.333	43	1808	0.214	ug/l #	39
59) 2-Hexanone	11.089	43	2337	0.378	ug/l	99
76) 1,2,3-Trichloropropane	12.736	75	199334	33.344	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	199334	82.636	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.268	180	1608	0.400	ug/l #	55
95) Naphthalene	15.507	128	8305	3.170	ug/l	98
96) 1,2,3-Trichlorobenzene	15.705	180	1826	0.473	ug/l #	87

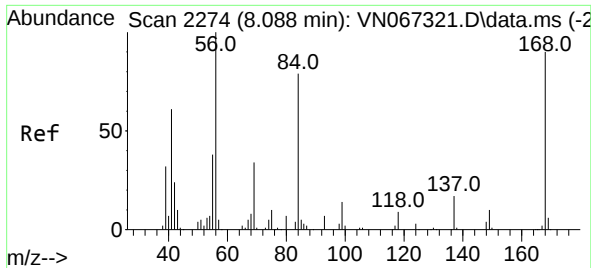
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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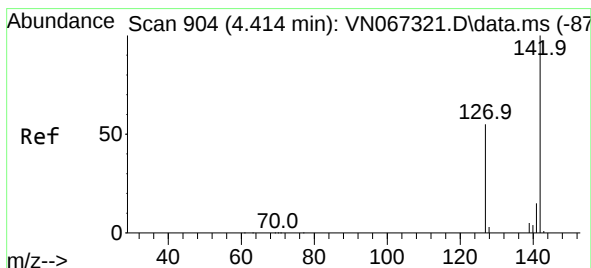
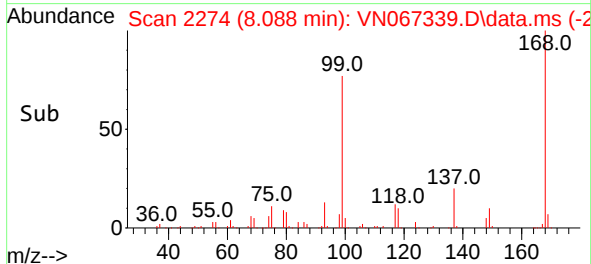
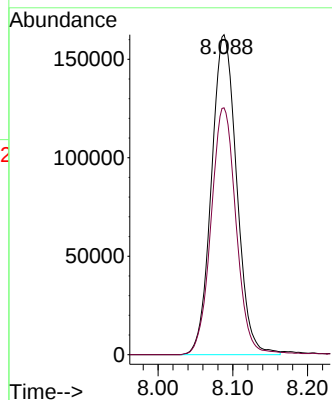
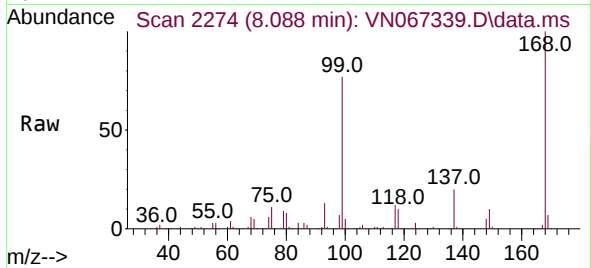




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

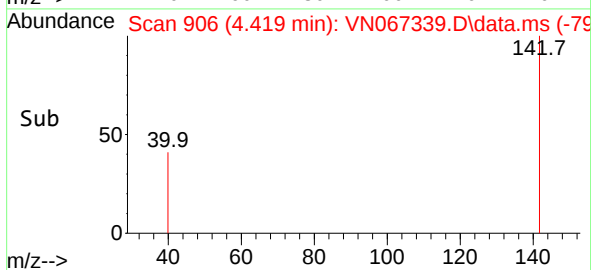
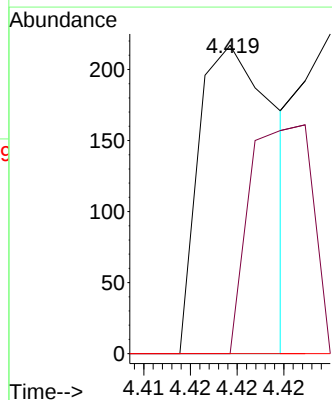
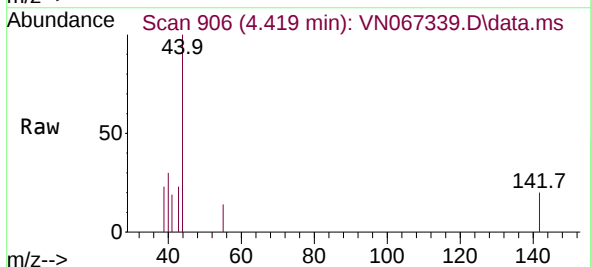
Instrument :
MSVOA_N
ClientSampled :

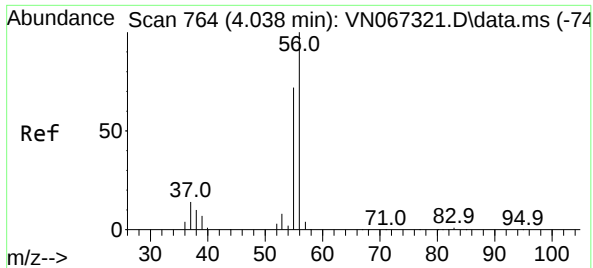
Tgt Ion:168 Resp: 380727
Ion Ratio Lower Upper
168 100
99 77.1 62.9 94.3



#10
Methyl Iodide
Concen: 6.766 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

Tgt Ion:142 Resp: 124
Ion Ratio Lower Upper
142 100
127 0.0 43.1 64.7#
141 0.0 11.4 17.0#

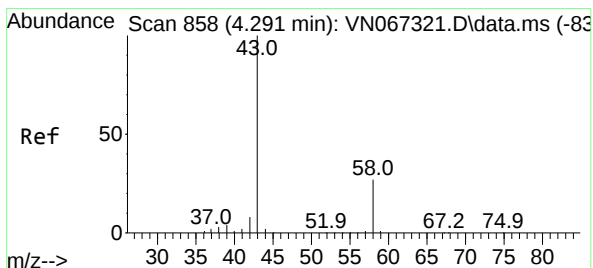
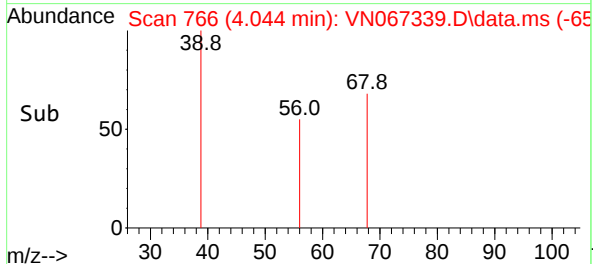
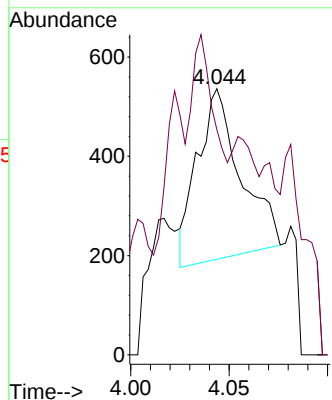
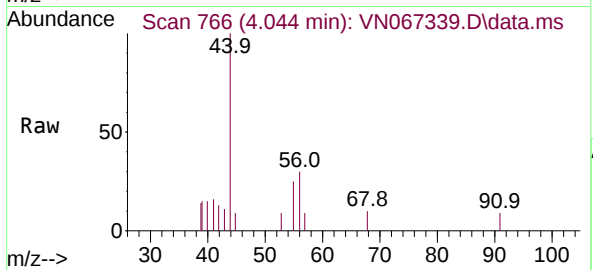




#13
Acrolein
Concen: 0.682 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

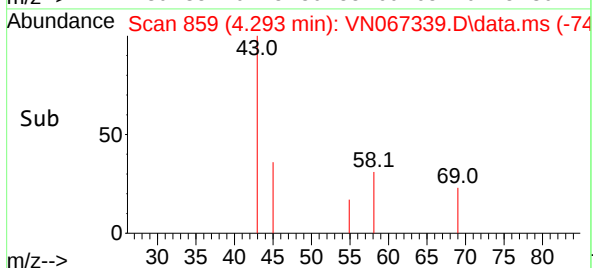
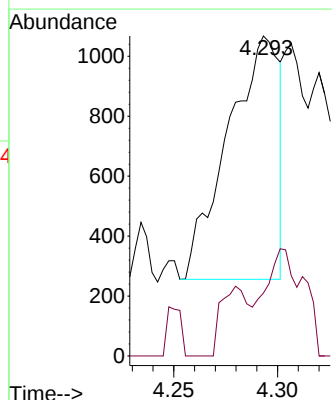
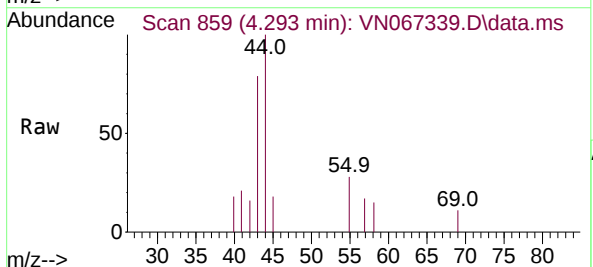
Instrument :
MSVOA_N
ClientSampled :

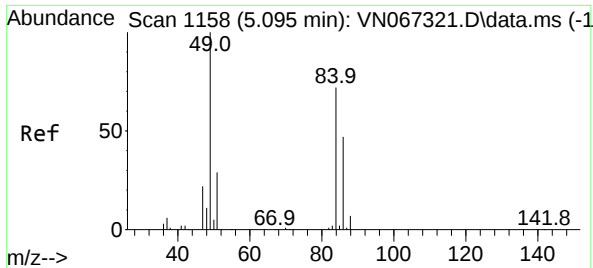
Tgt Ion: 56 Resp: 526
Ion Ratio Lower Upper
56 100
55 31.6 57.4 86.0#



#16
Acetone
Concen: 0.482 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

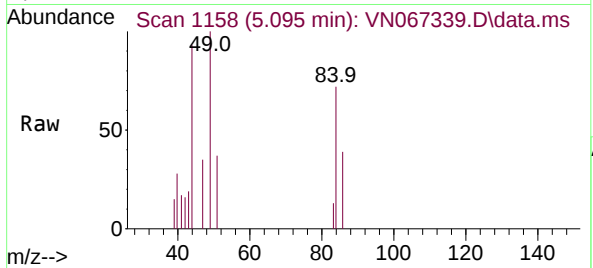
Tgt Ion: 43 Resp: 1390
Ion Ratio Lower Upper
43 100
58 7.1 21.2 31.8#



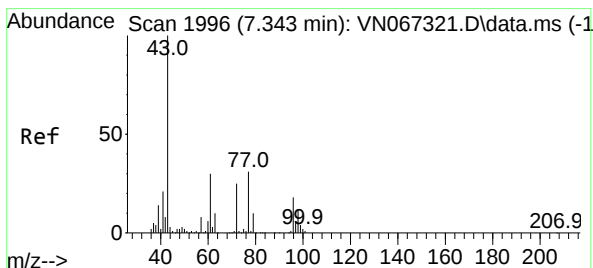
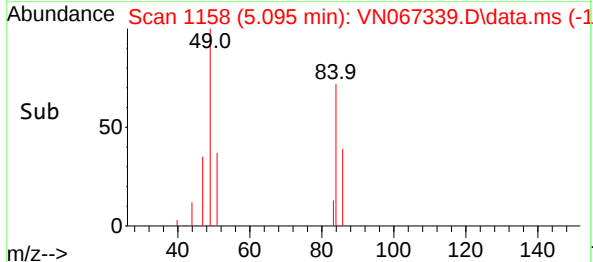
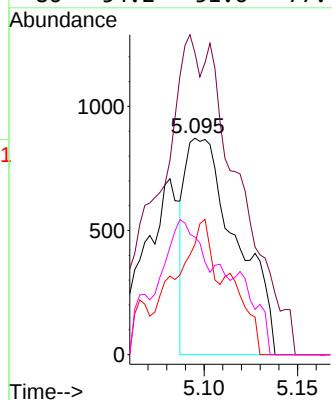


#20
Methylene Chloride
Concen: 0.277 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

Instrument :
MSVOA_N
ClientSampleId :

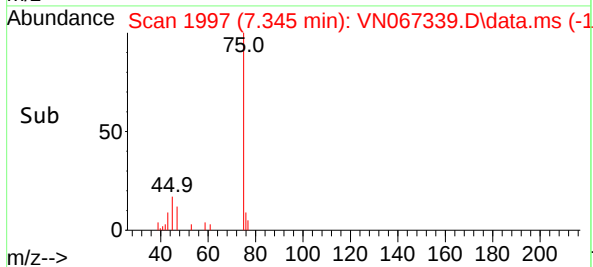
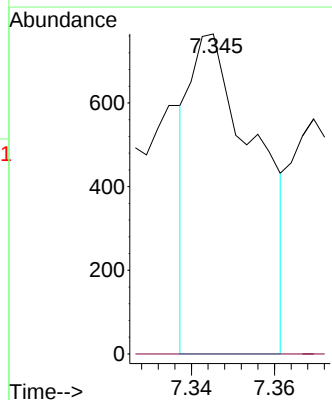
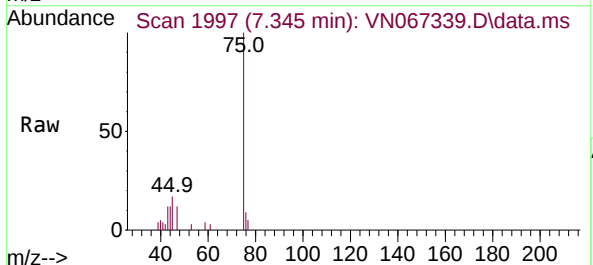


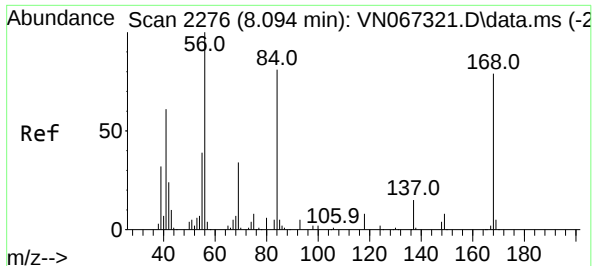
Tgt Ion:	84	Resp:	1661
Ion	Ratio	Lower	Upper
84	100		
49	119.4	110.9	166.3
51	50.9	32.6	49.0#
86	54.2	51.6	77.4



#25
2-Butanone
Concen: 0.206 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.002 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

Tgt Ion:	43	Resp:	850
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.7	29.5#

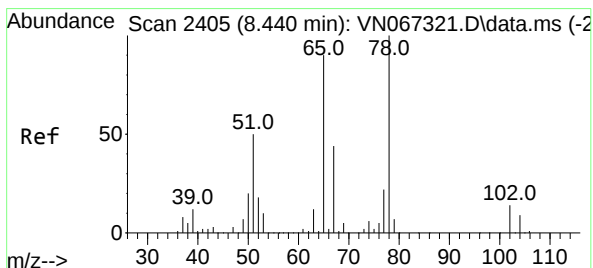
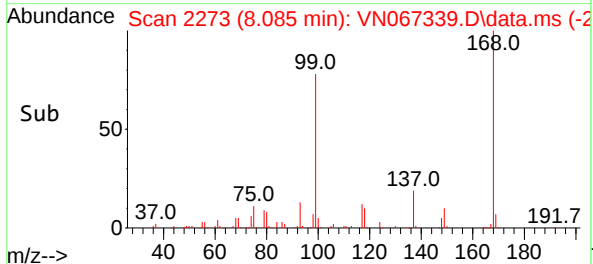
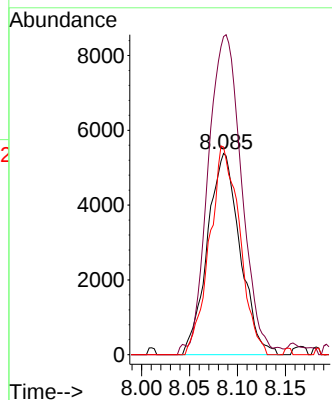
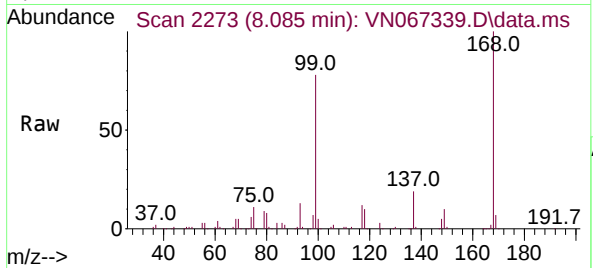




#31
Cyclohexane
Concen: 1.249 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.009 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

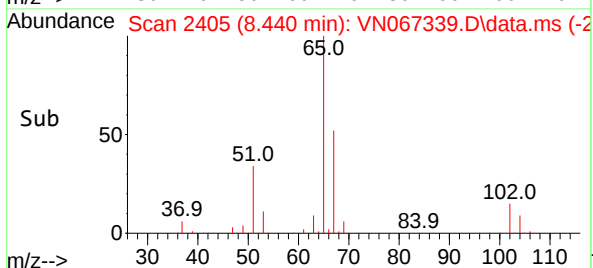
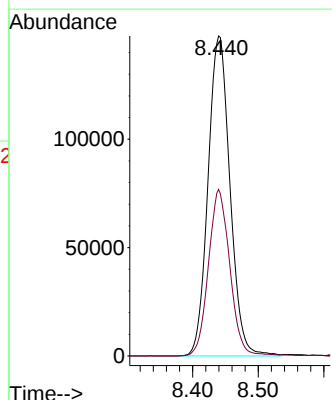
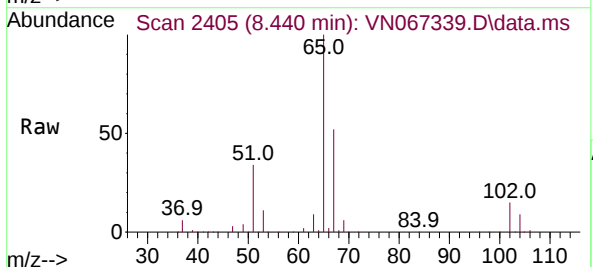
Instrument :
MSVOA_N
ClientSampled :

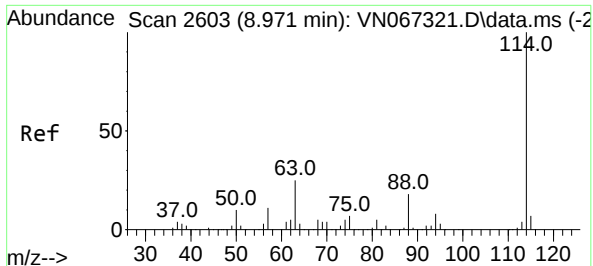
Tgt Ion: 56 Resp: 12753
Ion Ratio Lower Upper
56 100
69 154.7 27.3 40.9#
84 103.2 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 45.733 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

Tgt Ion: 65 Resp: 343487
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.6

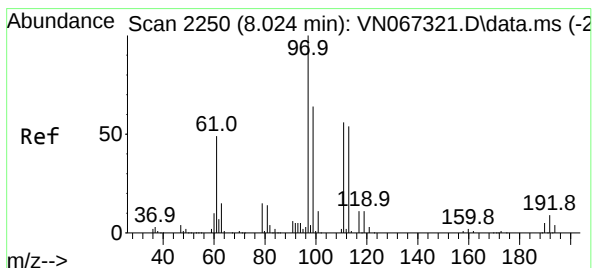
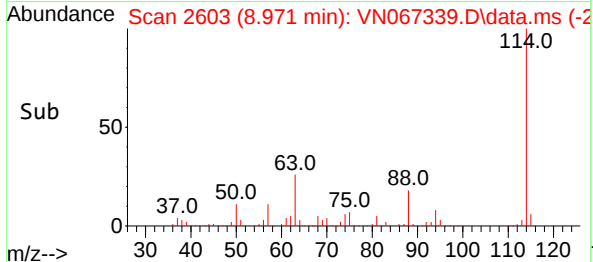
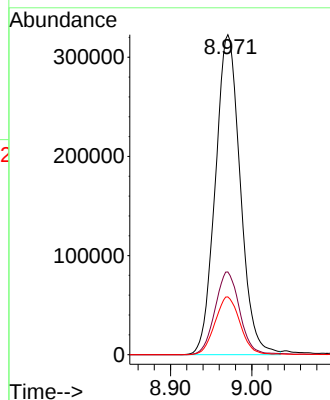
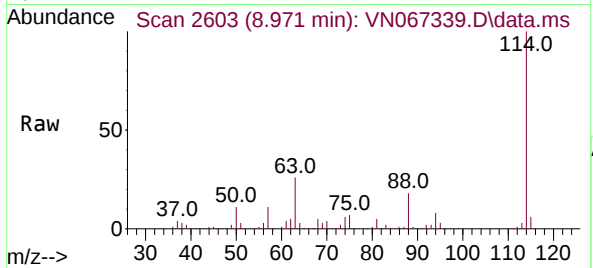




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

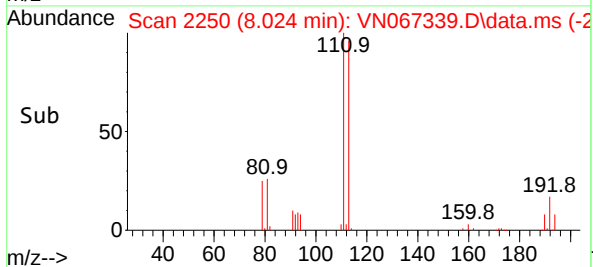
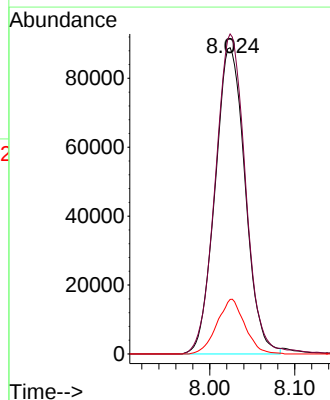
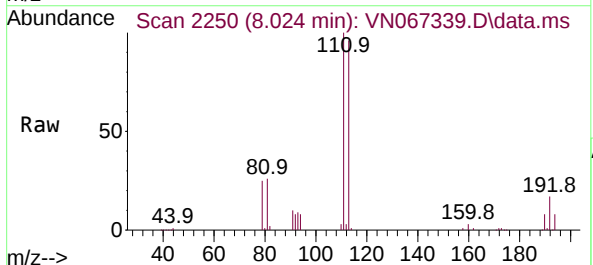
Instrument :
MSVOA_N
ClientSampled :

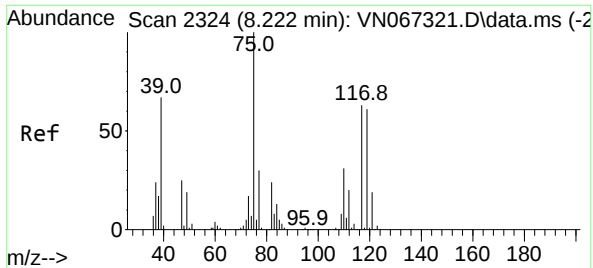
Tgt Ion:114 Resp: 687658
Ion Ratio Lower Upper
114 100
63 25.9 0.0 49.0
88 18.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.749 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

Tgt Ion:113 Resp: 218380
Ion Ratio Lower Upper
113 100
111 104.9 83.8 125.8
192 16.6 13.4 20.0

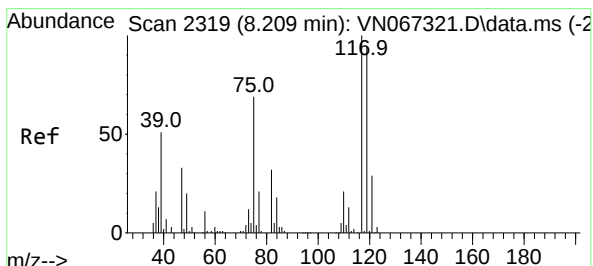
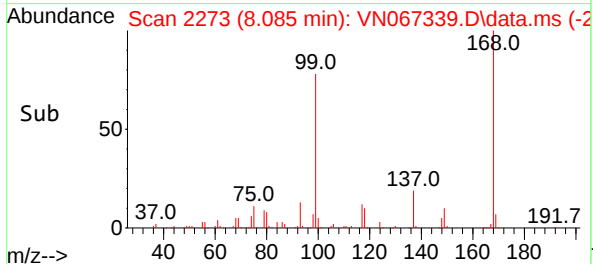
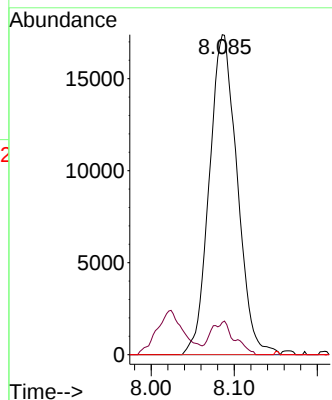
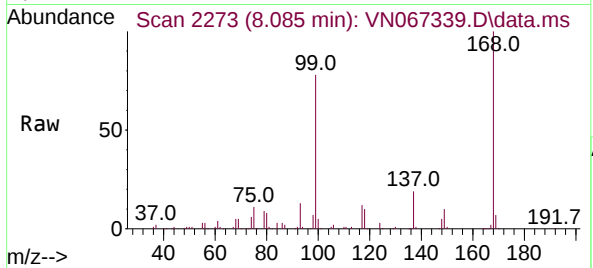




#36
1,1-Dichloropropene
Concen: 5.261 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

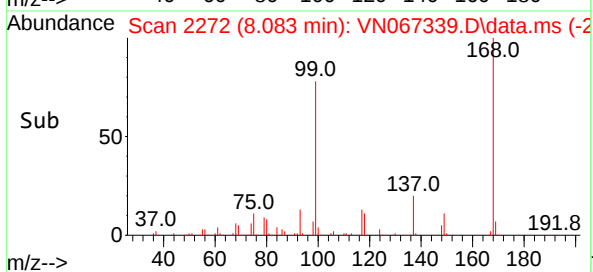
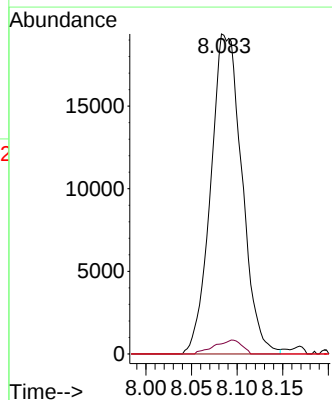
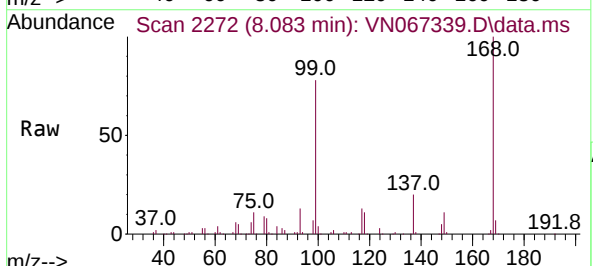
Instrument :
MSVOA_N
ClientSampleId :

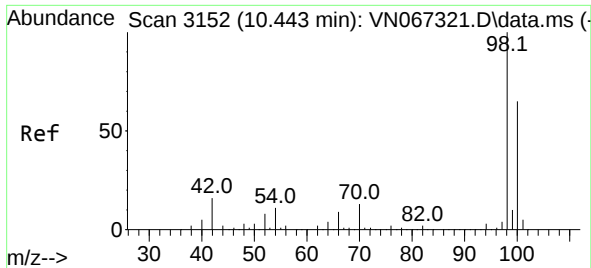
Tgt Ion: 75 Resp: 40560
Ion Ratio Lower Upper
75 100
110 8.9 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.554 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.126 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

Tgt Ion: 117 Resp: 46026
Ion Ratio Lower Upper
117 100
119 3.2 75.4 113.2#
121 0.0 23.5 35.3#

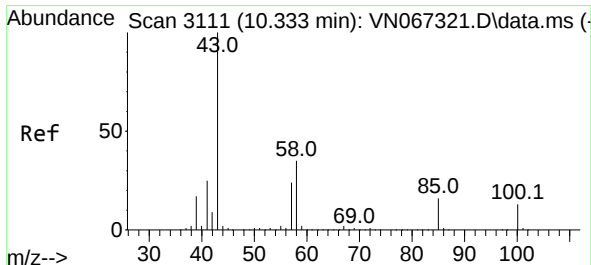
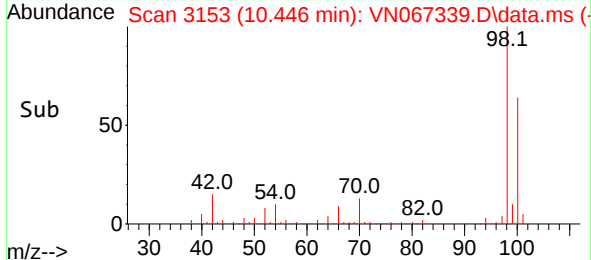
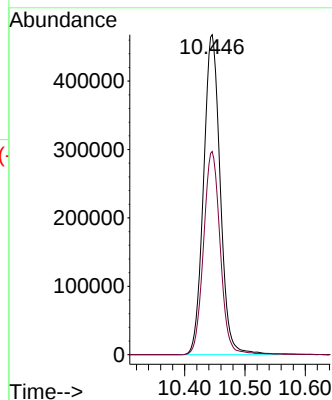
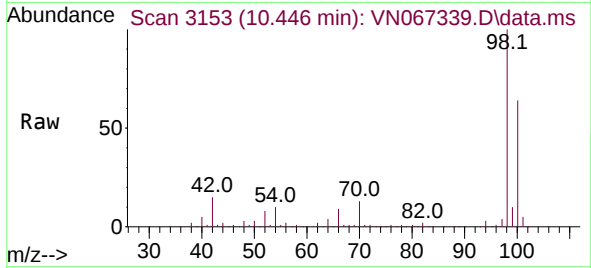




#50
Toluene-d8
Concen: 51.421 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

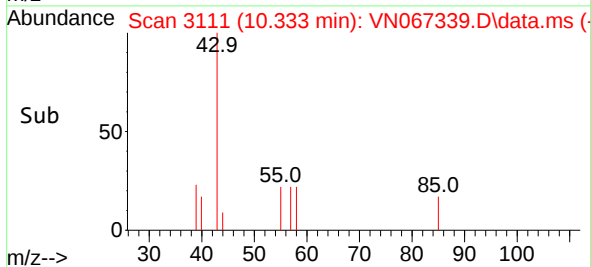
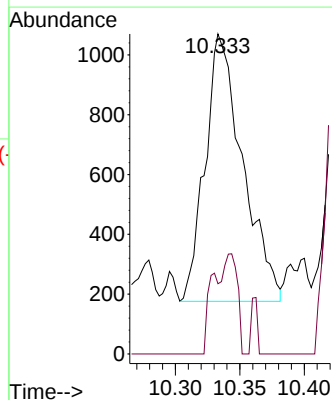
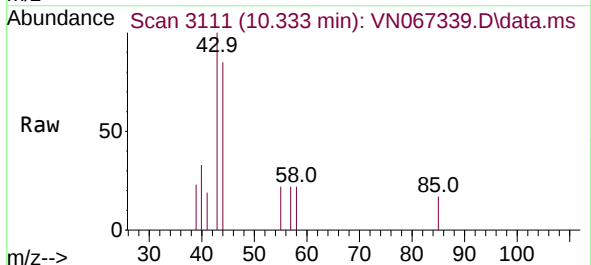
Instrument :
MSVOA_N
ClientSampled :

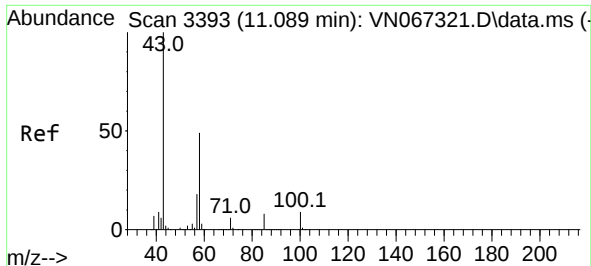
Tgt Ion: 98 Resp: 901374
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.214 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

Tgt Ion: 43 Resp: 1808
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

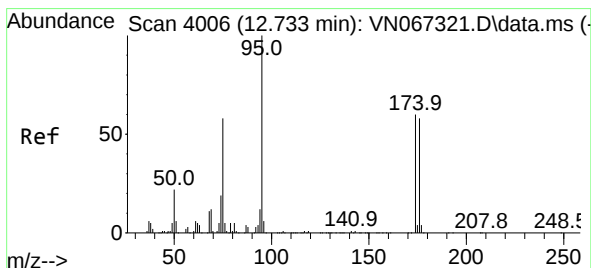
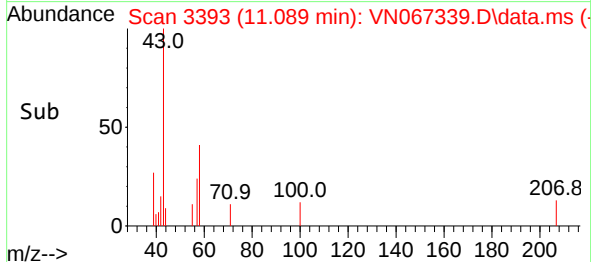
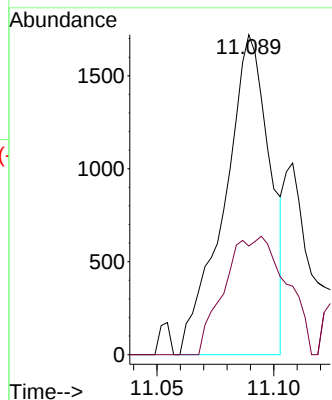
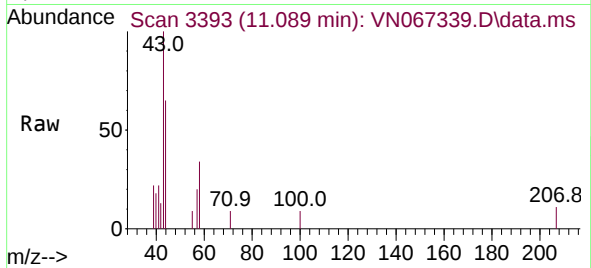




#59
2-Hexanone
Concen: 0.378 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

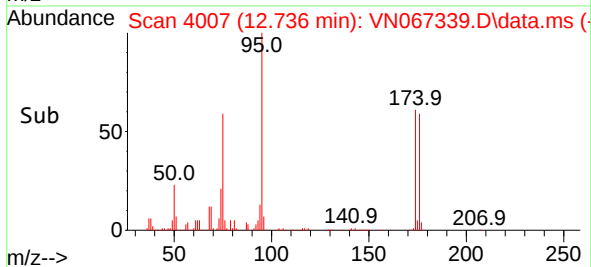
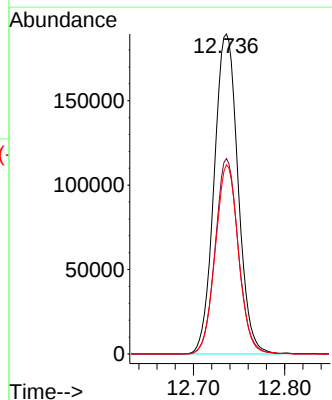
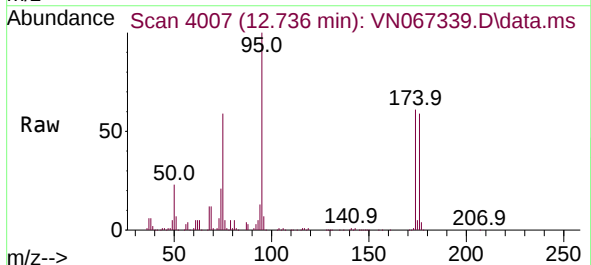
Instrument :
MSVOA_N
ClientSampled :

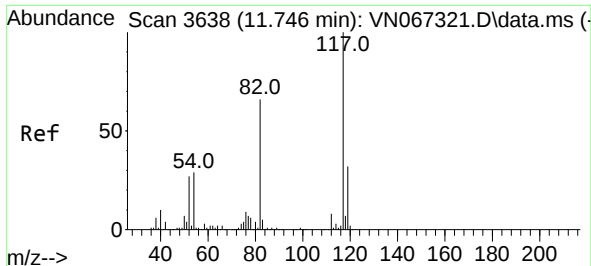
Tgt Ion: 43 Resp: 2337
Ion Ratio Lower Upper
43 100
58 50.0 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 47.655 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

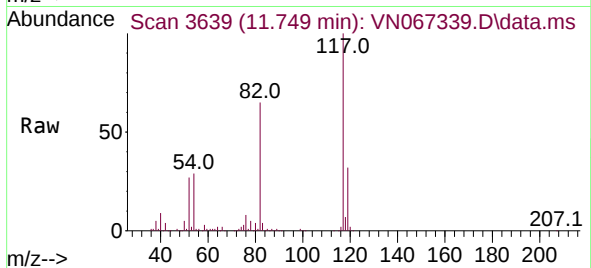
Tgt Ion: 95 Resp: 344743
Ion Ratio Lower Upper
95 100
174 59.1 0.0 122.0
176 57.5 0.0 117.6



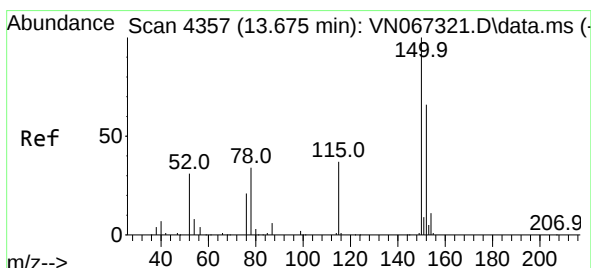
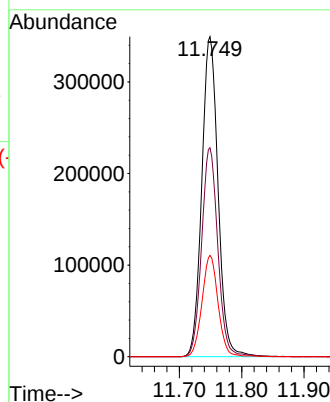
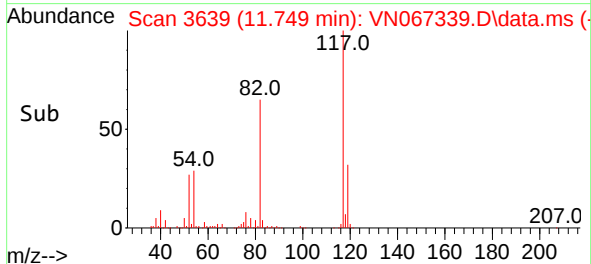


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

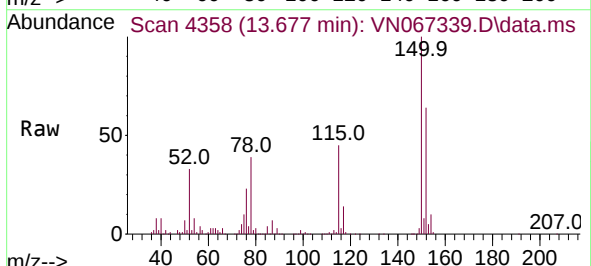
Instrument :
MSVOA_N
ClientSampleId :



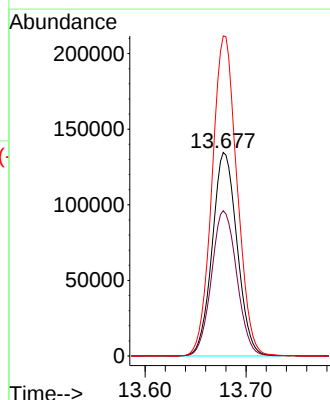
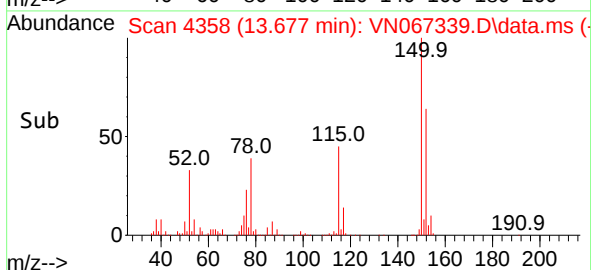
Tgt Ion:117 Resp: 632724
Ion Ratio Lower Upper
117 100
82 65.3 53.1 79.7
119 31.6 25.5 38.3

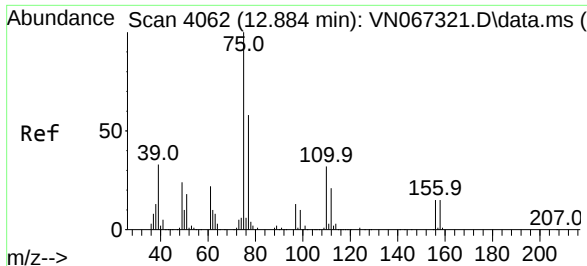


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00



Tgt Ion:152 Resp: 230210
Ion Ratio Lower Upper
152 100
115 72.7 36.1 108.5
150 158.2 0.0 351.8

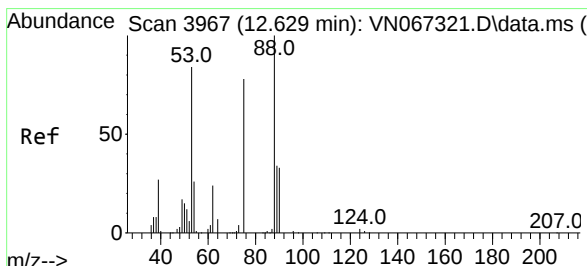
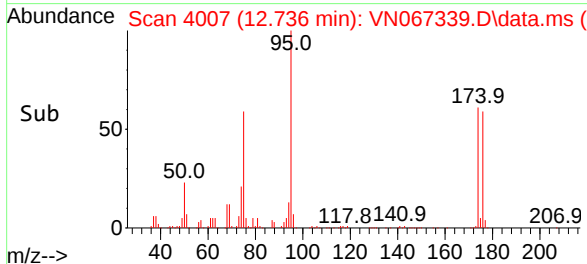
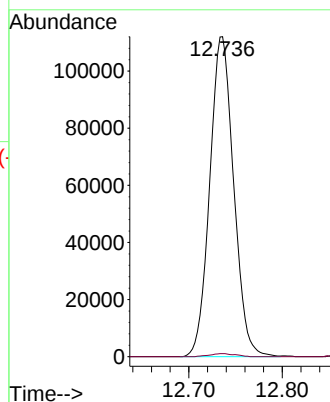
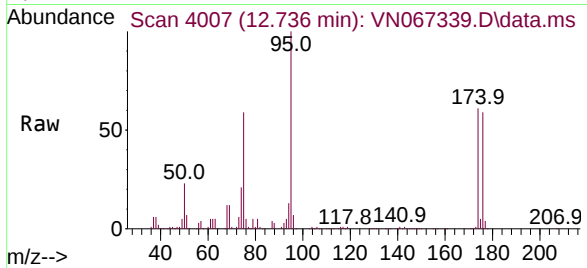




#76
1,2,3-Trichloropropane
Concen: 33.344 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

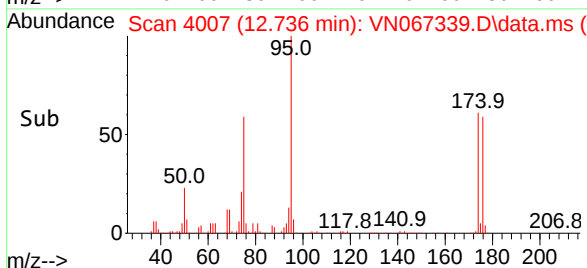
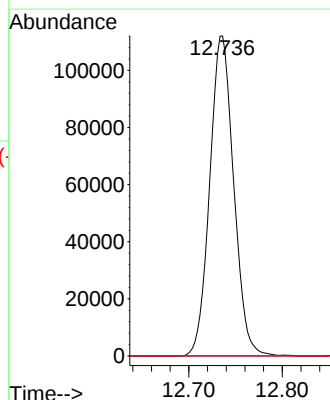
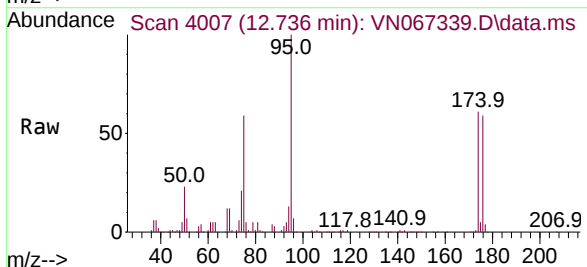
Instrument :
MSVOA_N
ClientSampleId :

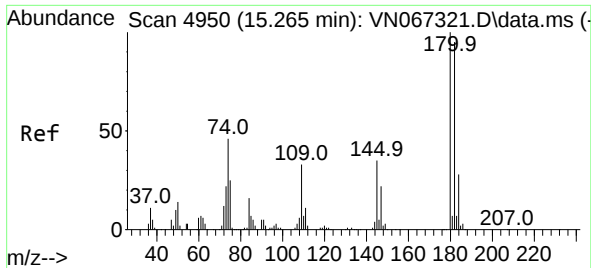
Tgt Ion: 75 Resp: 199334
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.636 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

Tgt Ion: 75 Resp: 199334
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

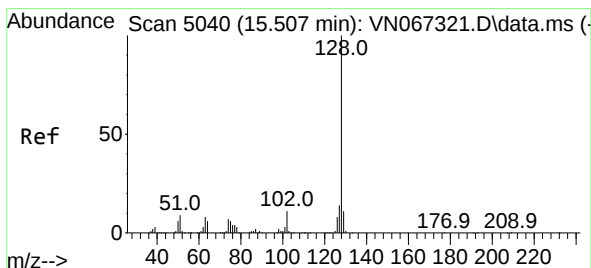
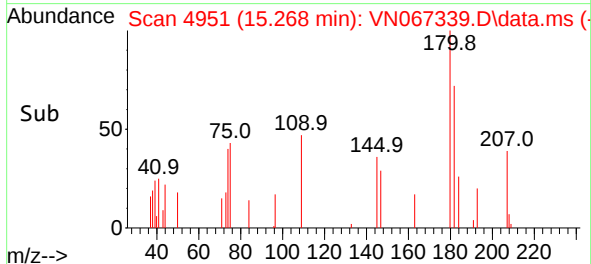
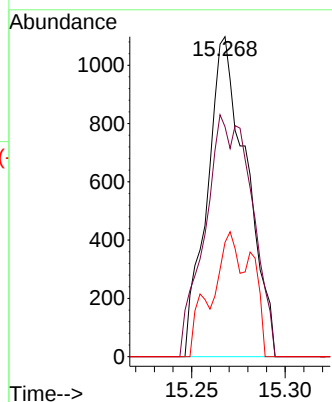
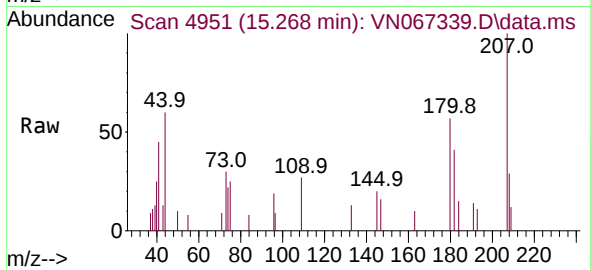




#93
1,2,4-Trichlorobenzene
Concen: 0.400 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

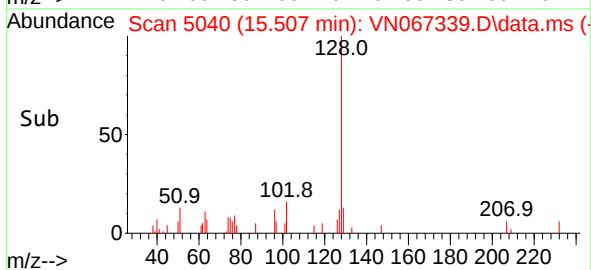
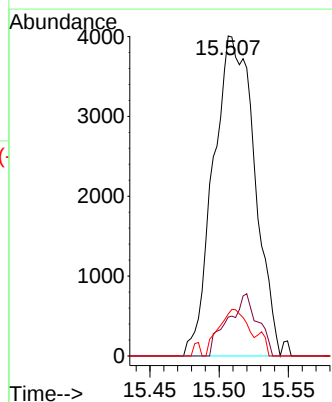
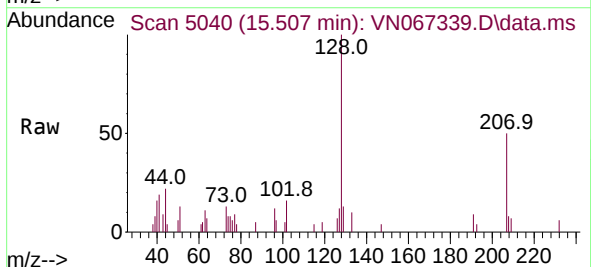
Instrument :
MSVOA_N
ClientSampled :

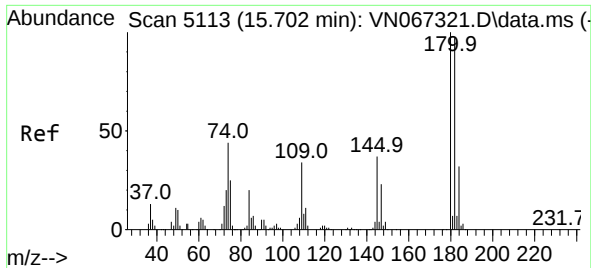
Tgt Ion:180 Resp: 1608
Ion Ratio Lower Upper
180 100
182 50.0 47.5 142.5
145 11.1 17.2 51.6#



#95
Naphthalene
Concen: 3.170 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067339.D
Acq: 15 Jun 2021 12:00

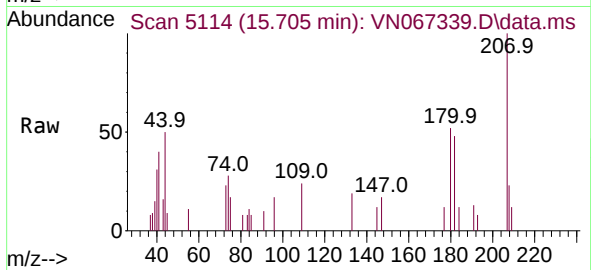
Tgt Ion:128 Resp: 8305
Ion Ratio Lower Upper
128 100
127 14.2 10.6 15.8
129 10.2 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.473 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.003 min
 Lab File: VN067339.D
 Acq: 15 Jun 2021 12:00

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1826
Ion Ratio	Lower	Upper	
180	100		
182	100.2	47.8	143.3
145	15.8	18.2	54.6#

