

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067359.D
 Acq On : 15 Jun 2021 20:27
 Operator : JC/MD
 Sample : M2709-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 02:41:27 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)

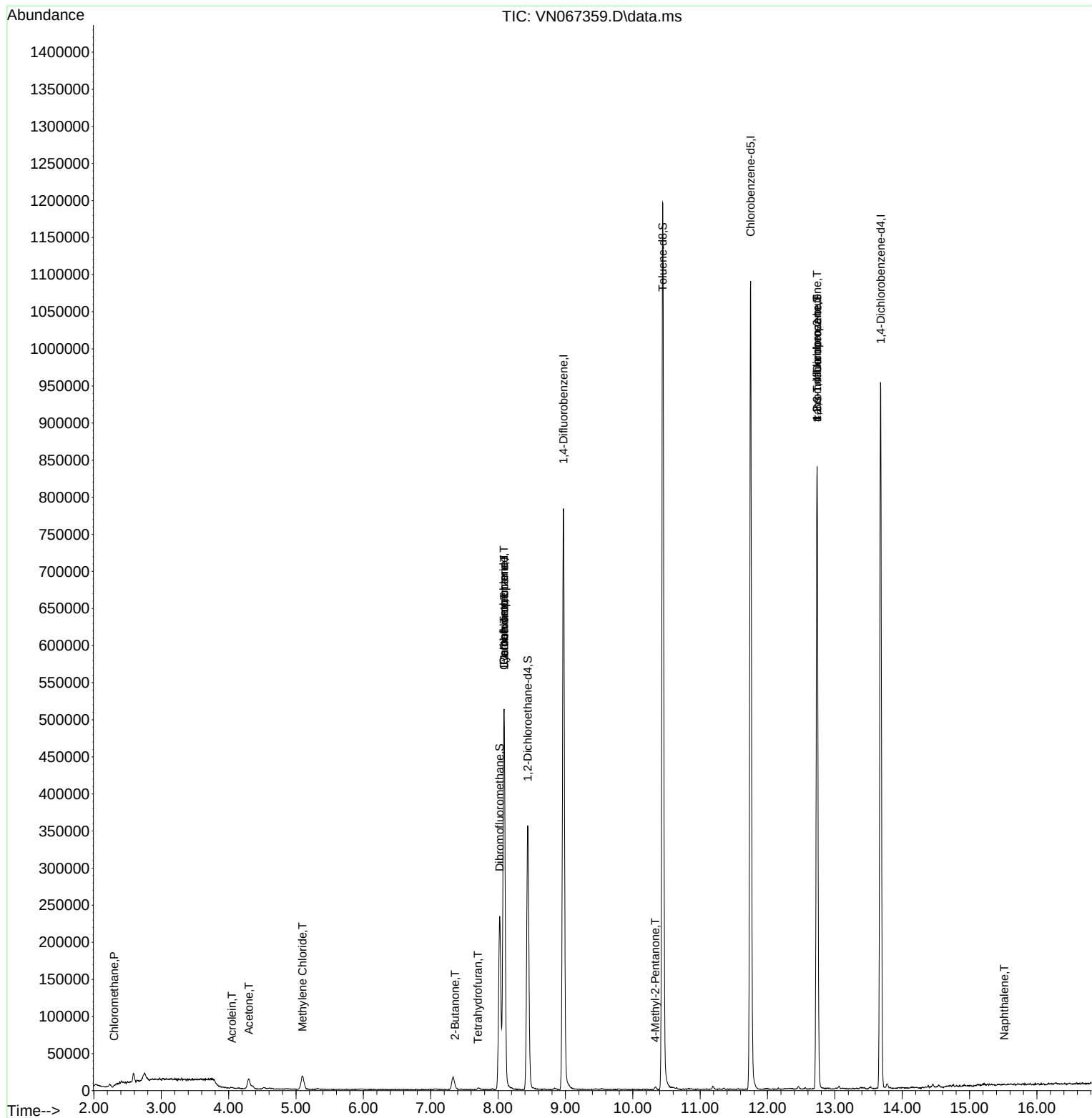
Internal Standards						
1) Pentafluorobenzene	8.088	168	329205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	628512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	566585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	220508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	315523	48.584	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	97.160%	
35) Dibromofluoromethane	8.024	113	163545	39.125	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	78.240%	
50) Toluene-d8	10.443	98	813724	50.789	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	101.580%	
62) 4-Bromofluorobenzene	12.736	95	311635	47.132	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	94.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.301	50	1108	0.222	ug/l	98
13) Acrolein	4.049	56	540	0.809	ug/l #	1
16) Acetone	4.299	43	24661	9.895	ug/l	96
20) Methylene Chloride	5.095	84	13229	2.551	ug/l	90
25) 2-Butanone	7.361	43	5639	1.583	ug/l #	86
29) Tetrahydrofuran	7.702	42	872	0.388	ug/l #	71
31) Cyclohexane	8.091	56	10980	1.244	ug/l #	17
36) 1,1-Dichloropropene	8.091	75	36761	5.217	ug/l #	51
38) Carbon Tetrachloride	8.088	117	41304	5.454	ug/l #	16
51) 4-Methyl-2-Pentanone	10.336	43	2994	0.388	ug/l #	84
76) 1,2,3-Trichloropropane	12.736	75	186470	32.564	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	186470	80.704	ug/l #	6
95) Naphthalene	15.517	128	960	2.675	ug/l #	69

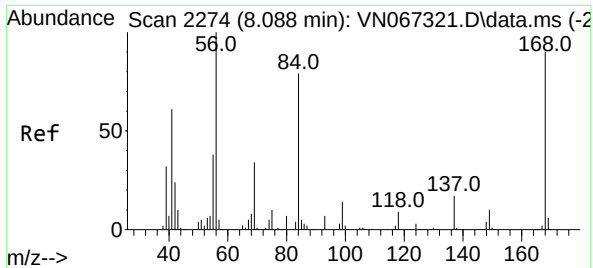
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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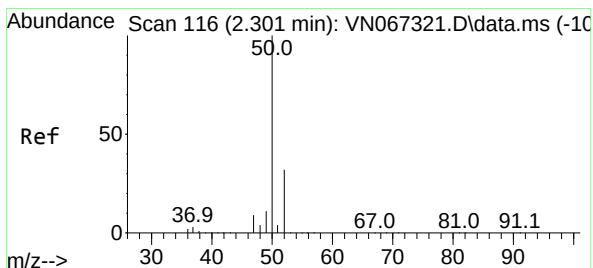
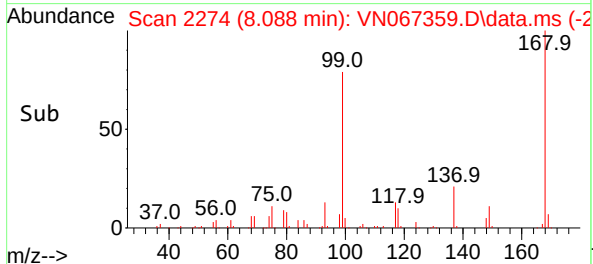
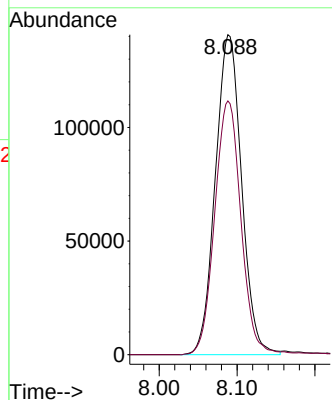
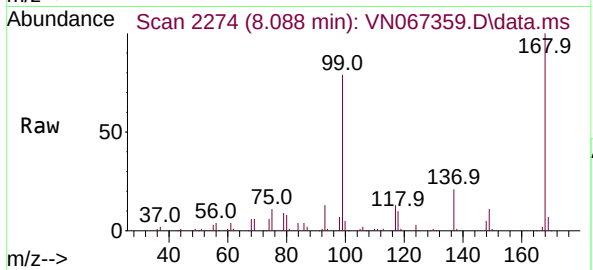




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067359.D
Acq: 15 Jun 2021 20:27

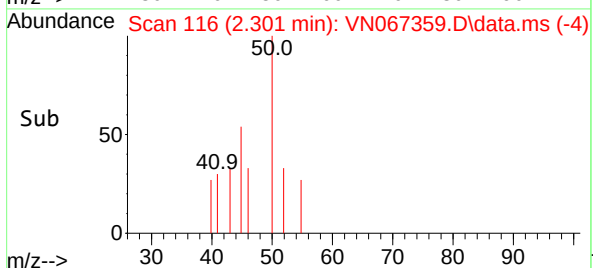
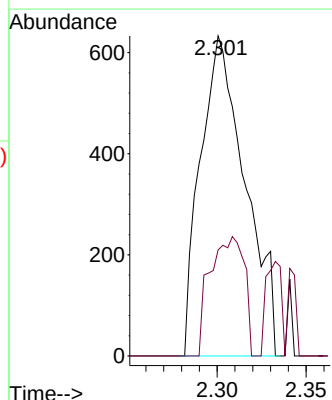
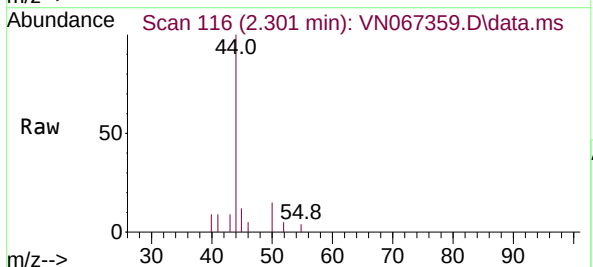
Instrument :
MSVOA_N
ClientSampleId :

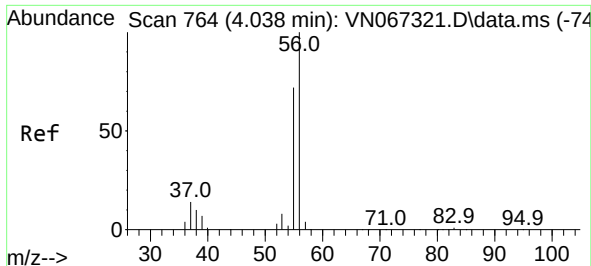
Tgt Ion:168 Resp: 329205
Ion Ratio Lower Upper
168 100
99 79.3 62.9 94.3



#3
Chloromethane
Concen: 0.222 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN067359.D
Acq: 15 Jun 2021 20:27

Tgt Ion: 50 Resp: 1108
Ion Ratio Lower Upper
50 100
52 33.2 25.6 38.4

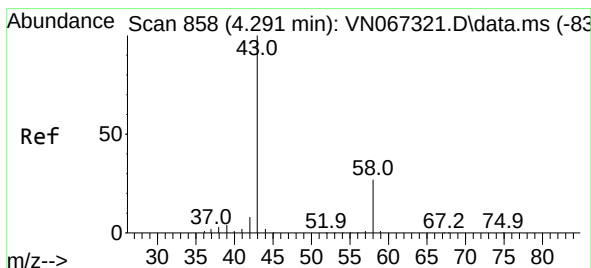
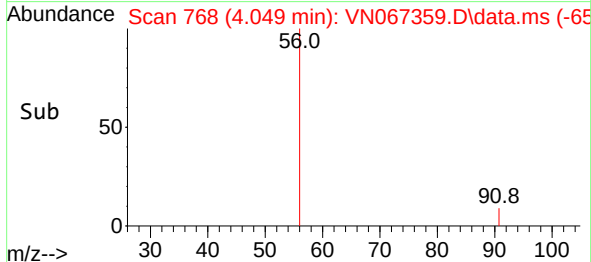
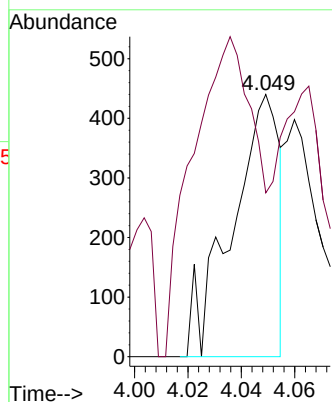
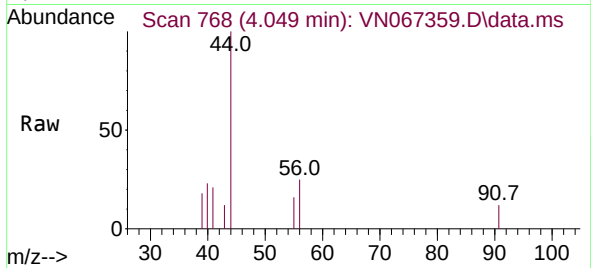




#13
Acrolein
Concen: 0.809 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.011 min
Lab File: VN067359.D
Acq: 15 Jun 2021 20:27

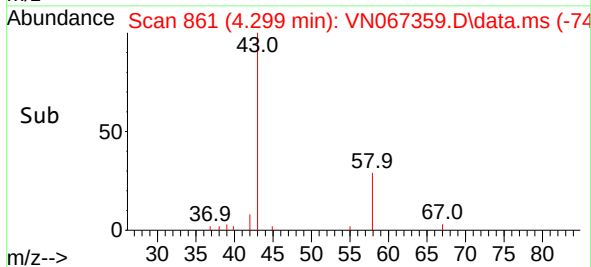
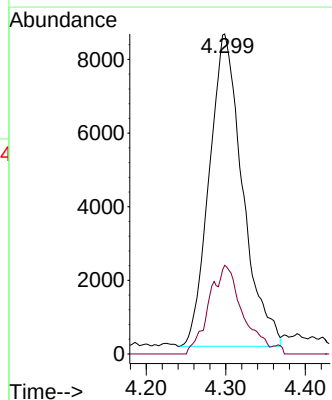
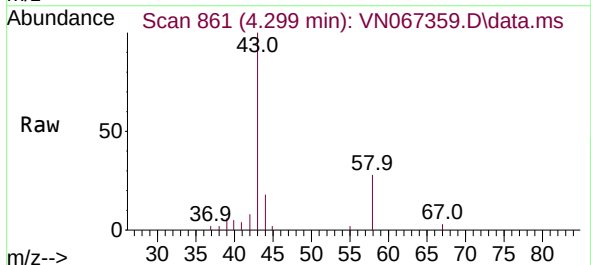
Instrument :
MSVOA_N
ClientSampled :

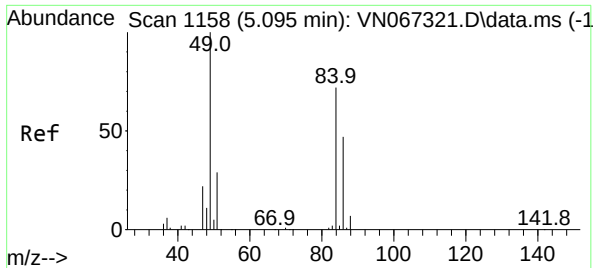
Tgt Ion: 56 Resp: 540
Ion Ratio Lower Upper
56 100
55 162.8 57.4 86.0#



#16
Acetone
Concen: 9.895 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067359.D
Acq: 15 Jun 2021 20:27

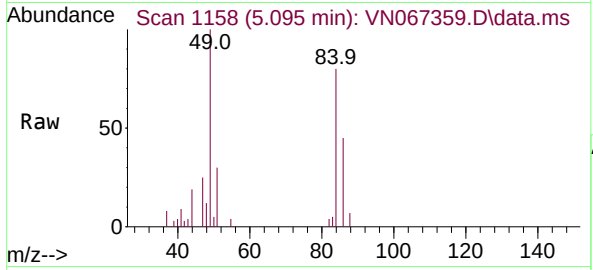
Tgt Ion: 43 Resp: 24661
Ion Ratio Lower Upper
43 100
58 28.4 21.2 31.8



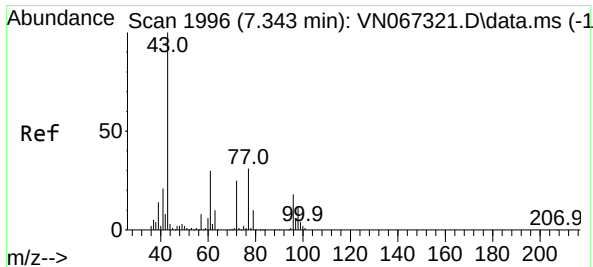
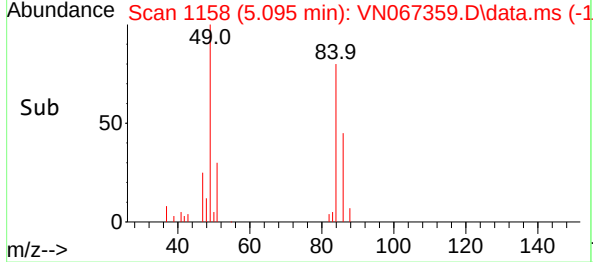
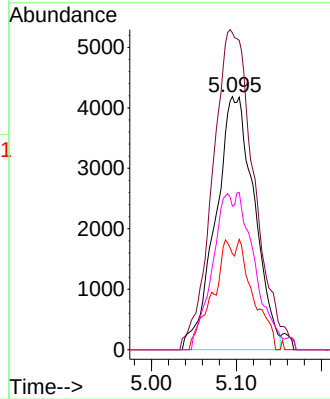


#20
Methylene Chloride
Concen: 2.551 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN067359.D
Acq: 15 Jun 2021 20:27

Instrument :
MSVOA_N
ClientSampled :

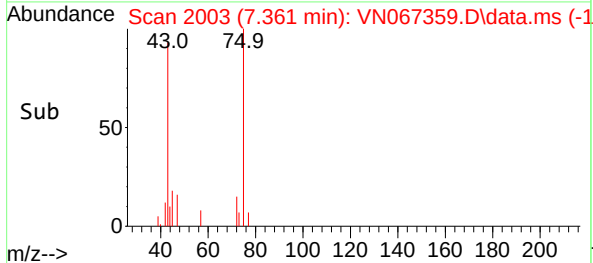
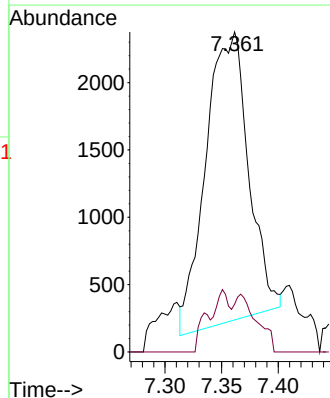
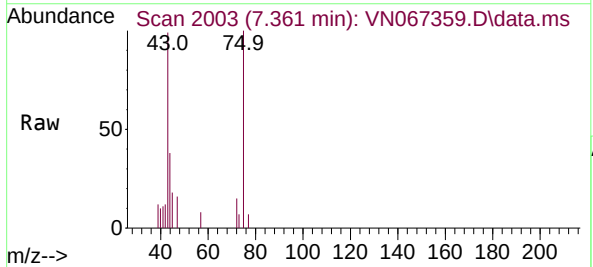


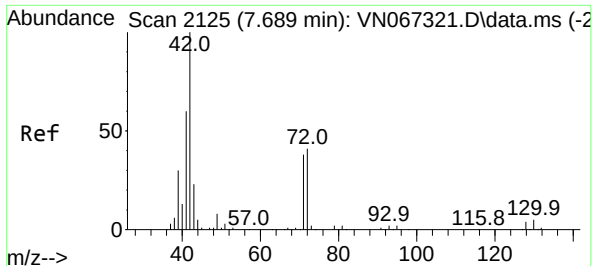
Tgt Ion:	84	Resp:	13229
Ion	Ratio	Lower	Upper
84	100		
49	125.3	110.9	166.3
51	37.9	32.6	49.0
86	56.7	51.6	77.4



#25
2-Butanone
Concen: 1.583 ug/l
RT: 7.361 min Scan# 2003
Delta R.T. 0.018 min
Lab File: VN067359.D
Acq: 15 Jun 2021 20:27

Tgt Ion:	43	Resp:	5639
Ion	Ratio	Lower	Upper
43	100		
72	17.4	19.7	29.5#





#29

Tetrahydrofuran

Concen: 0.388 ug/l

RT: 7.702 min Scan# 2130

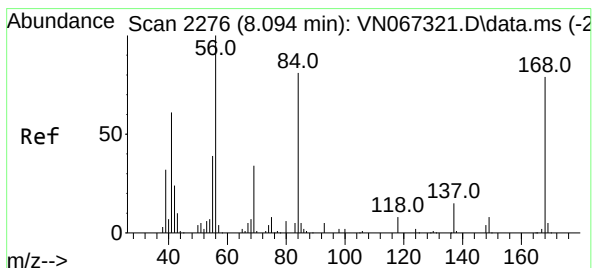
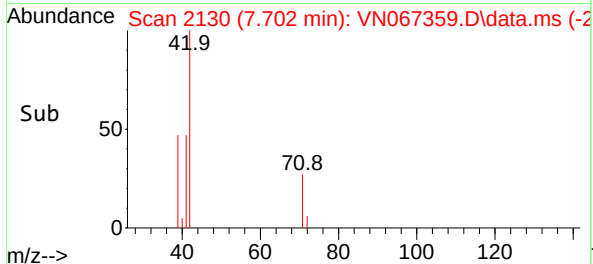
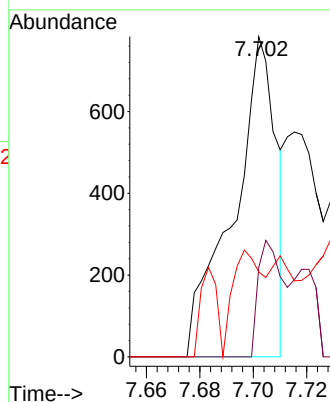
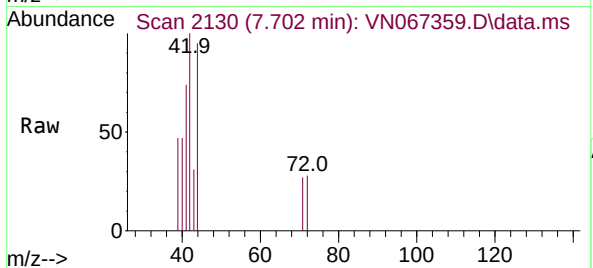
Delta R.T. 0.013 min

Lab File: VN067359.D

Acq: 15 Jun 2021 20:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42	Resp: 872
Ion Ratio	Lower Upper
42	100
72	20.8 32.8 49.2#
71	23.5 31.2 46.8#



#31

Cyclohexane

Concen: 1.244 ug/l

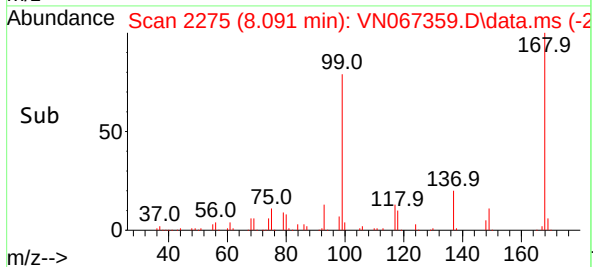
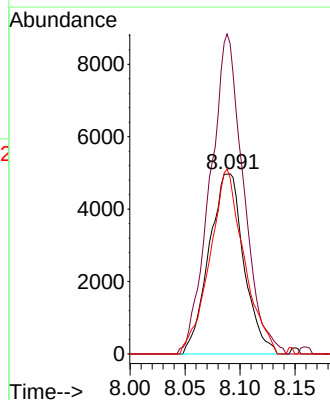
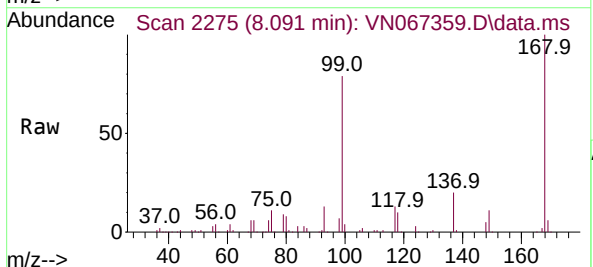
RT: 8.091 min Scan# 2275

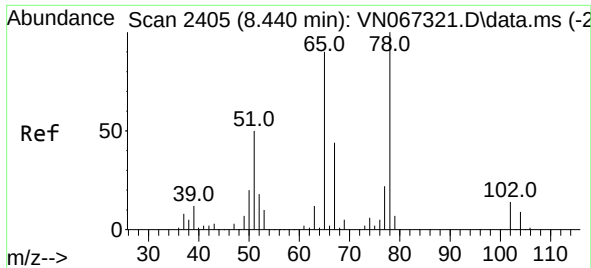
Delta R.T. -0.003 min

Lab File: VN067359.D

Acq: 15 Jun 2021 20:27

Tgt Ion: 56	Resp: 10980
Ion Ratio	Lower Upper
56	100
69	169.3 27.3 40.9#
84	97.8 64.9 97.3#

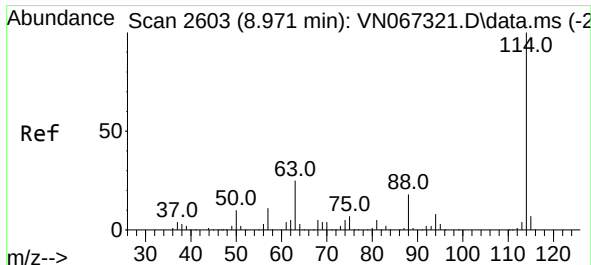
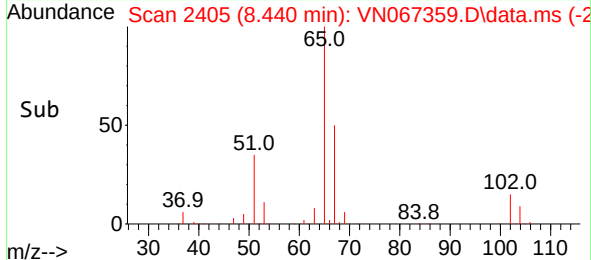
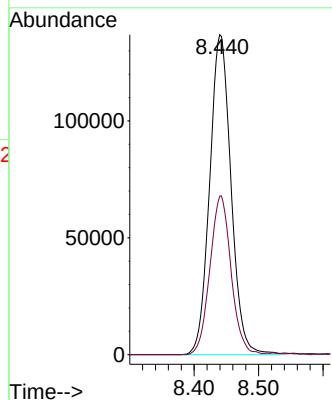
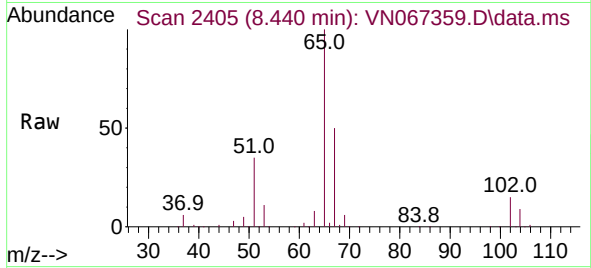




#33
 1,2-Dichloroethane-d4
 Concen: 48.584 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067359.D
 Acq: 15 Jun 2021 20:27

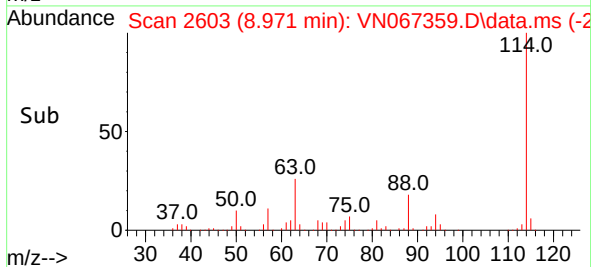
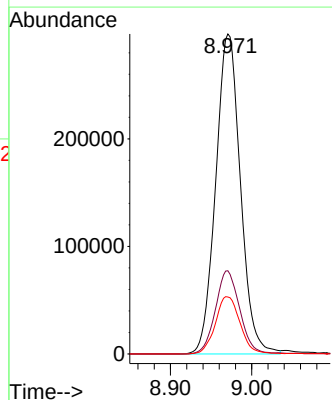
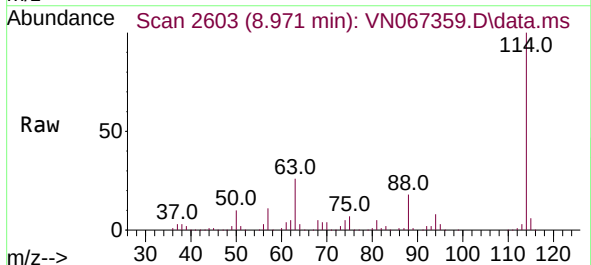
Instrument :
 MSVOA_N
 ClientSampleId :

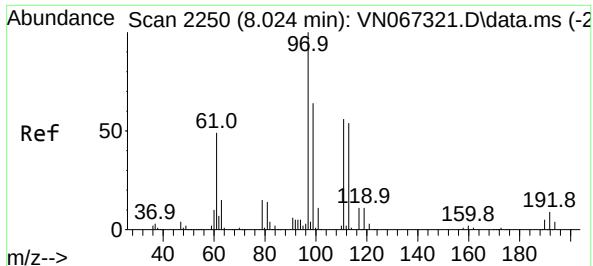
Tgt Ion: 65 Resp: 315523
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.000 min
 Lab File: VN067359.D
 Acq: 15 Jun 2021 20:27

Tgt Ion: 114 Resp: 628512
 Ion Ratio Lower Upper
 114 100
 63 26.0 0.0 49.0
 88 17.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 39.125 ug/l

RT: 8.024 min Scan# 2250

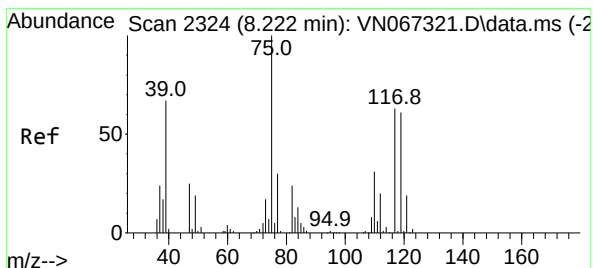
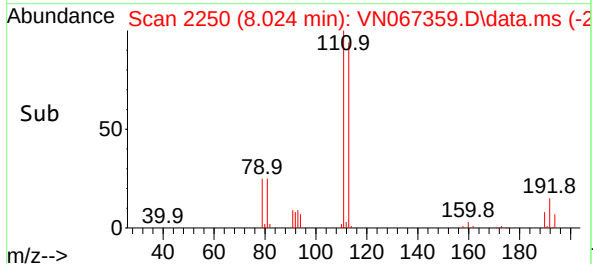
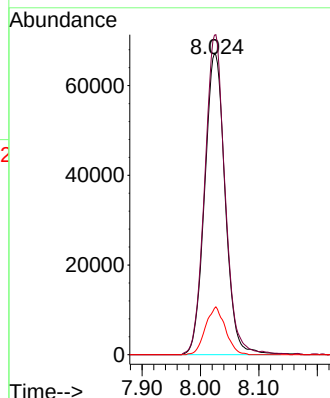
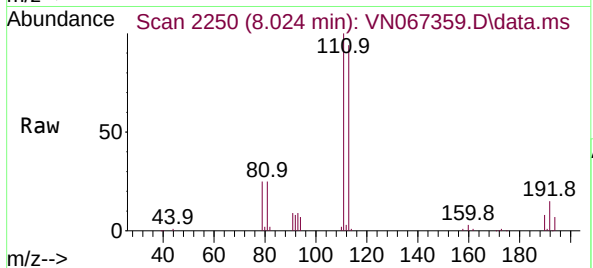
Delta R.T. -0.000 min

Lab File: VN067359.D

Acq: 15 Jun 2021 20:27

Tgt Ion:	113	Resp:	163545
Ion	Ratio	Lower	Upper
113	100		
111	104.9	83.8	125.8
192	15.4	13.4	20.0

Instrument :
MSVOA_N
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 5.217 ug/l

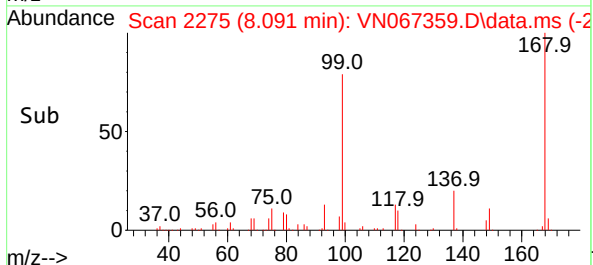
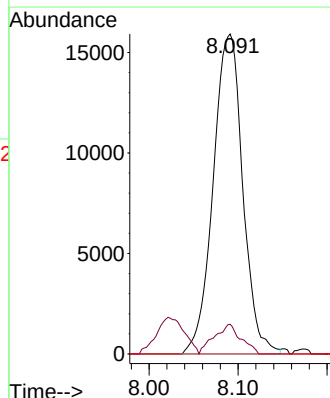
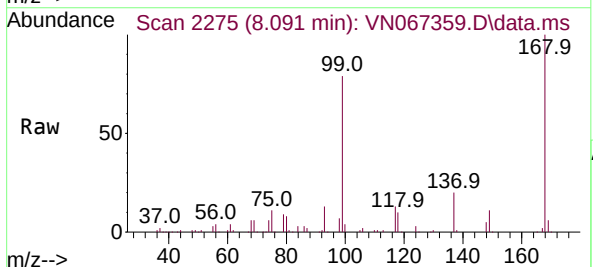
RT: 8.091 min Scan# 2275

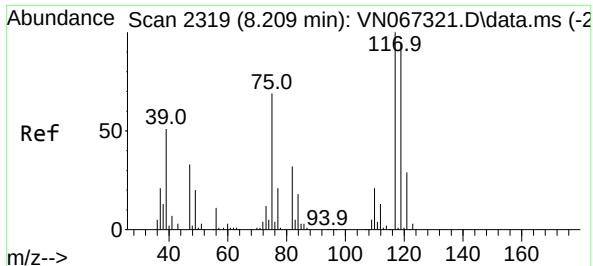
Delta R.T. -0.131 min

Lab File: VN067359.D

Acq: 15 Jun 2021 20:27

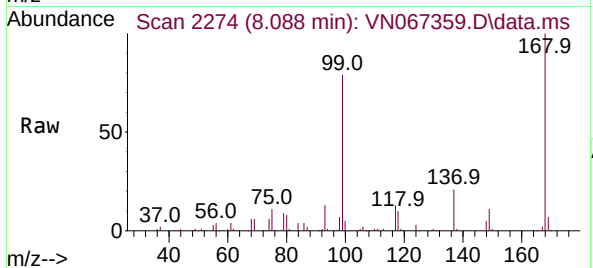
Tgt Ion:	75	Resp:	36761
Ion	Ratio	Lower	Upper
75	100		
110	8.4	15.7	47.0#
77	0.0	24.6	37.0#



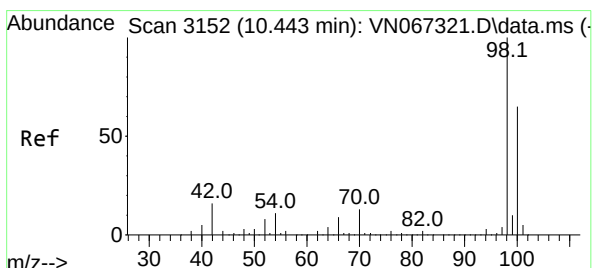
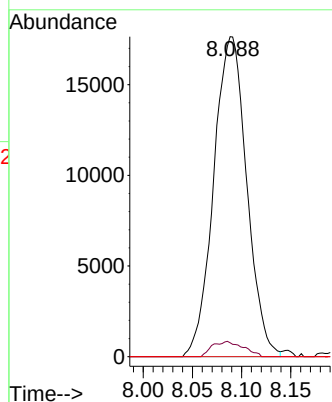
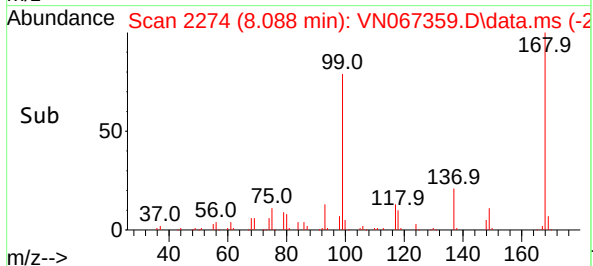


#38
Carbon Tetrachloride
Concen: 5.454 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN067359.D
Acq: 15 Jun 2021 20:27

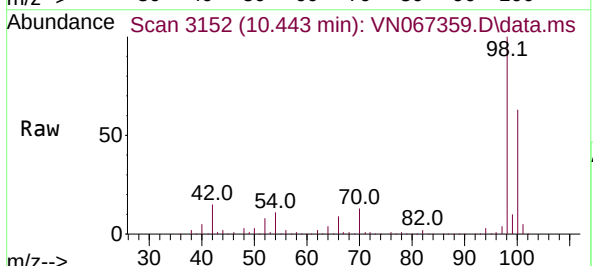
Instrument :
MSVOA_N
ClientSampleId :



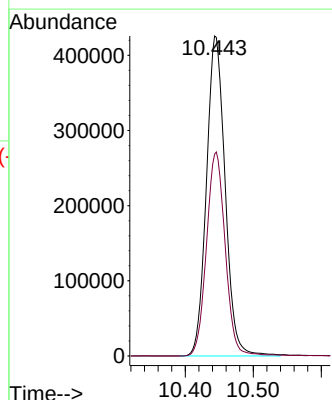
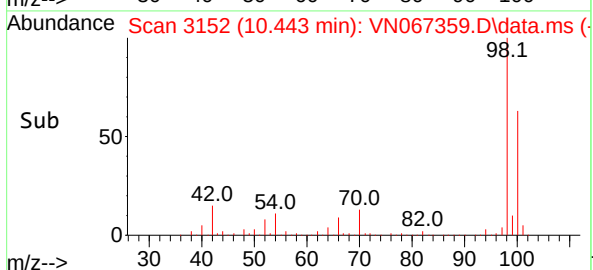
Tgt Ion:117 Resp: 41304
Ion Ratio Lower Upper
117 100
119 4.4 75.4 113.2#
121 0.0 23.5 35.3#

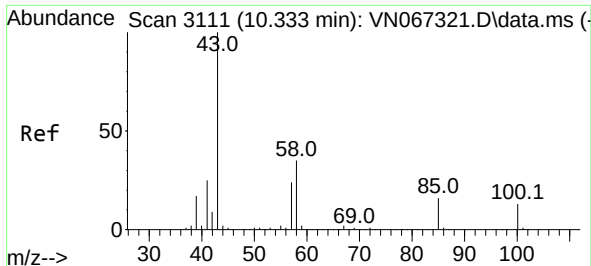


#50
Toluene-d8
Concen: 50.789 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067359.D
Acq: 15 Jun 2021 20:27



Tgt Ion: 98 Resp: 813724
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5

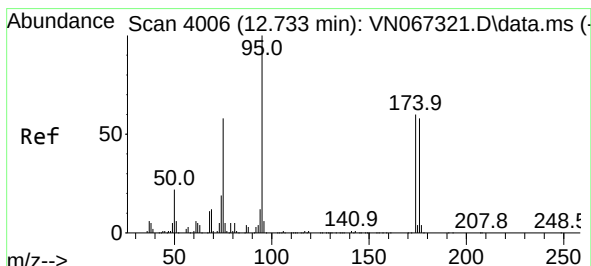
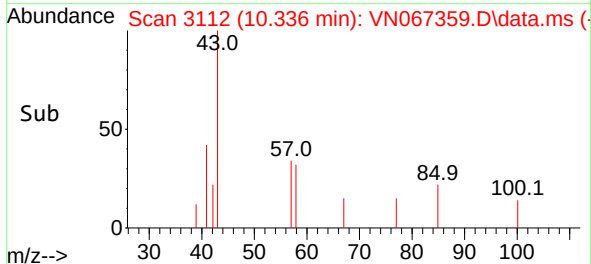
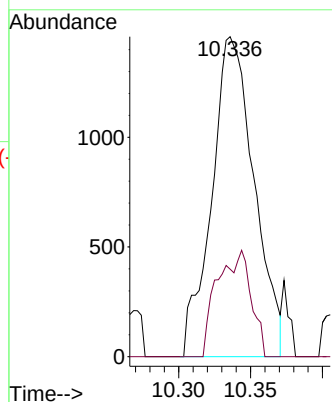
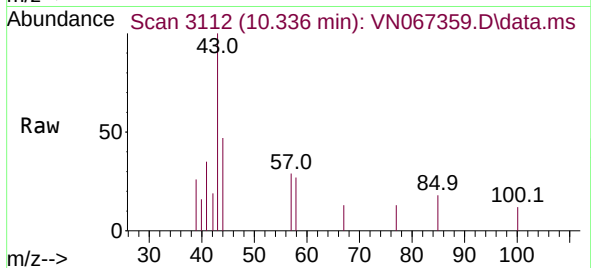




#51
4-Methyl-2-Pentanone
Concen: 0.388 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067359.D
Acq: 15 Jun 2021 20:27

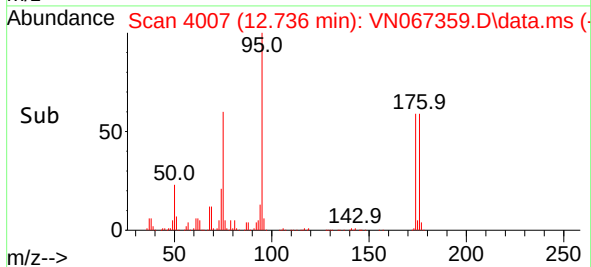
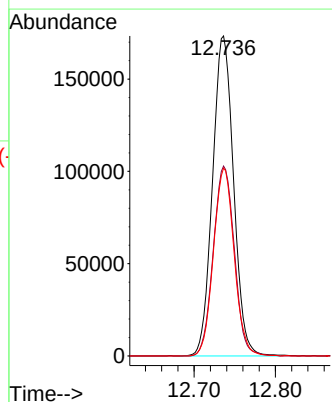
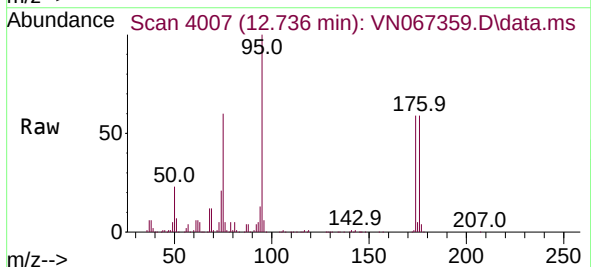
Instrument :
MSVOA_N
ClientSampled :

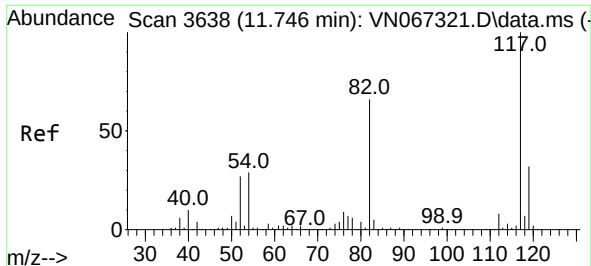
Tgt Ion: 43 Resp: 2994
Ion Ratio Lower Upper
43 100
58 26.4 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 47.132 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067359.D
Acq: 15 Jun 2021 20:27

Tgt Ion: 95 Resp: 311635
Ion Ratio Lower Upper
95 100
174 59.5 0.0 122.0
176 57.8 0.0 117.6

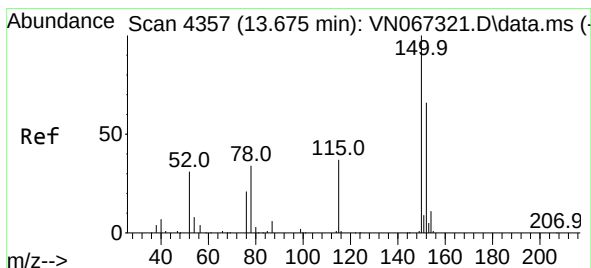
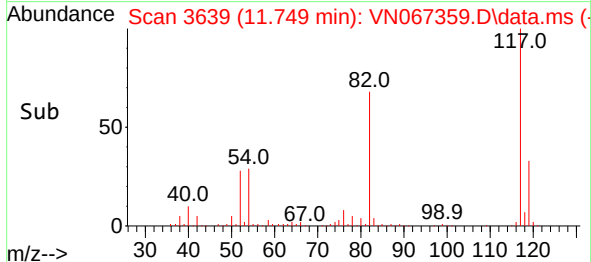
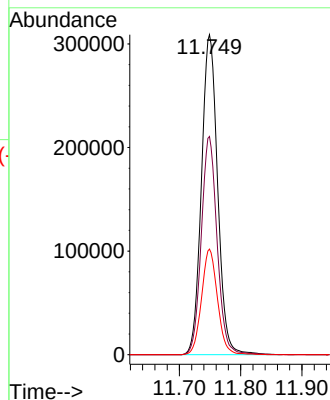
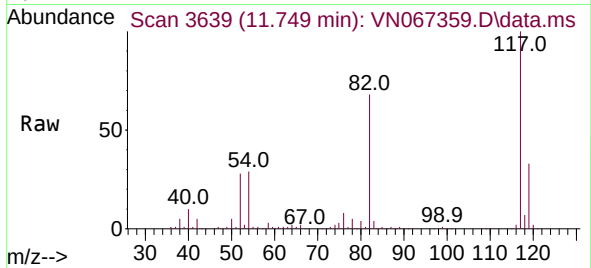




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067359.D
Acq: 15 Jun 2021 20:27

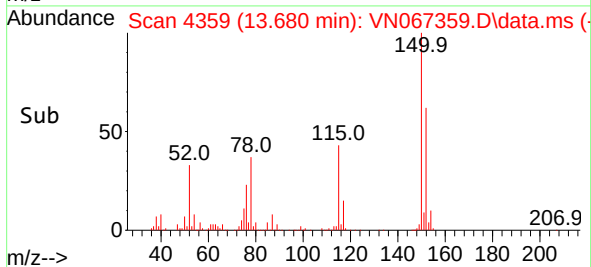
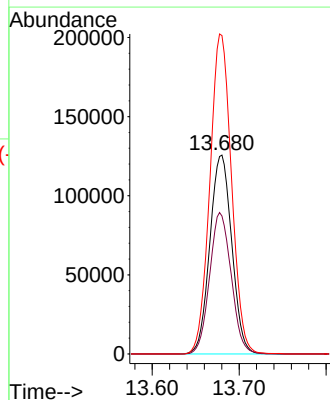
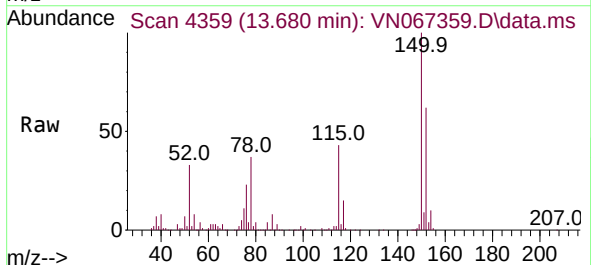
Instrument :
MSVOA_N
ClientSampleId :

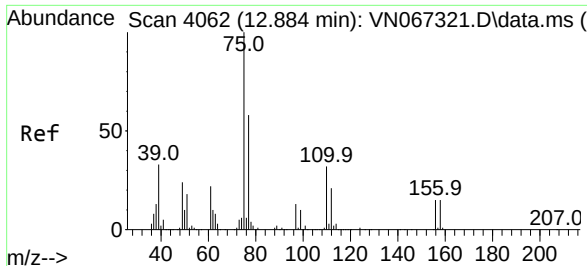
Tgt Ion:117 Resp: 566585
Ion Ratio Lower Upper
117 100
82 68.2 53.1 79.7
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.005 min
Lab File: VN067359.D
Acq: 15 Jun 2021 20:27

Tgt Ion:152 Resp: 220508
Ion Ratio Lower Upper
152 100
115 69.7 36.1 108.5
150 158.3 0.0 351.8

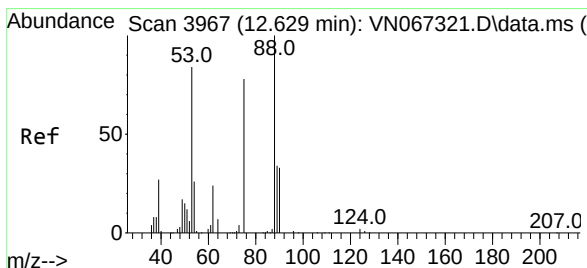
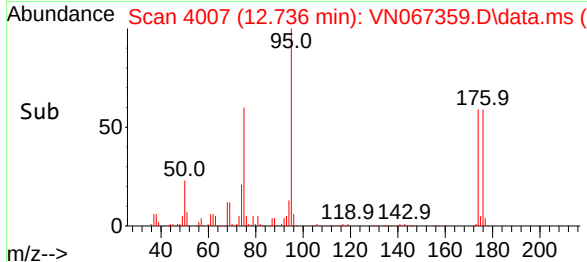
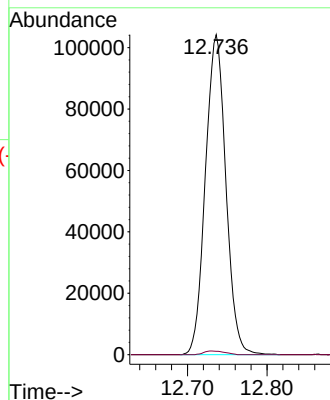
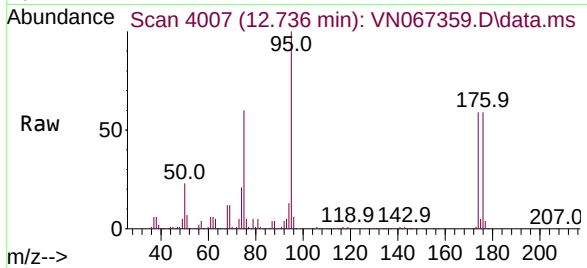




#76
1,2,3-Trichloropropane
Concen: 32.564 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067359.D
Acq: 15 Jun 2021 20:27

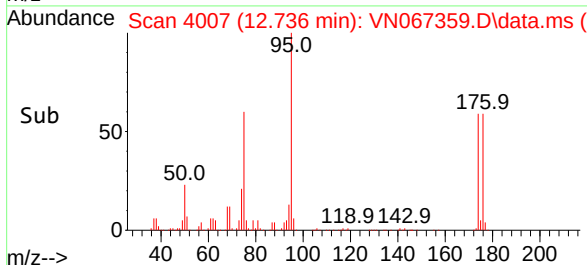
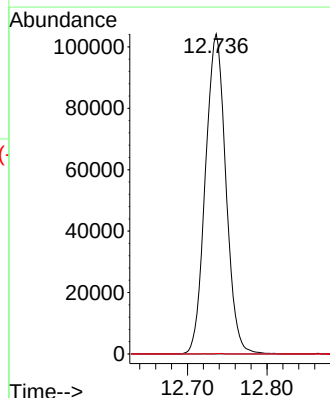
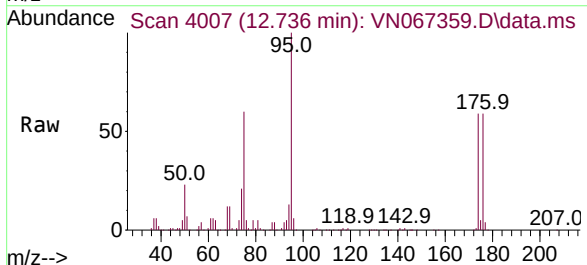
Instrument :
MSVOA_N
ClientSampled :

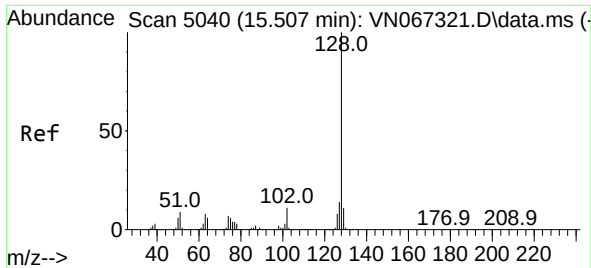
Tgt Ion: 75 Resp: 186470
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.704 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067359.D
Acq: 15 Jun 2021 20:27

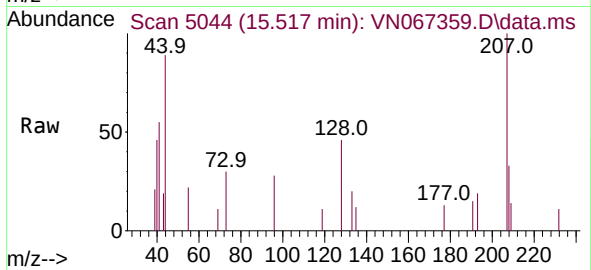
Tgt Ion: 75 Resp: 186470
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 2.675 ug/l
RT: 15.517 min Scan# 5044
Delta R.T. 0.010 min
Lab File: VN067359.D
Acq: 15 Jun 2021 20:27

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 960
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

