

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067338.D
 Acq On : 15 Jun 2021 11:36
 Operator : JC/MD
 Sample : VN0615MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 02:38:37 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)

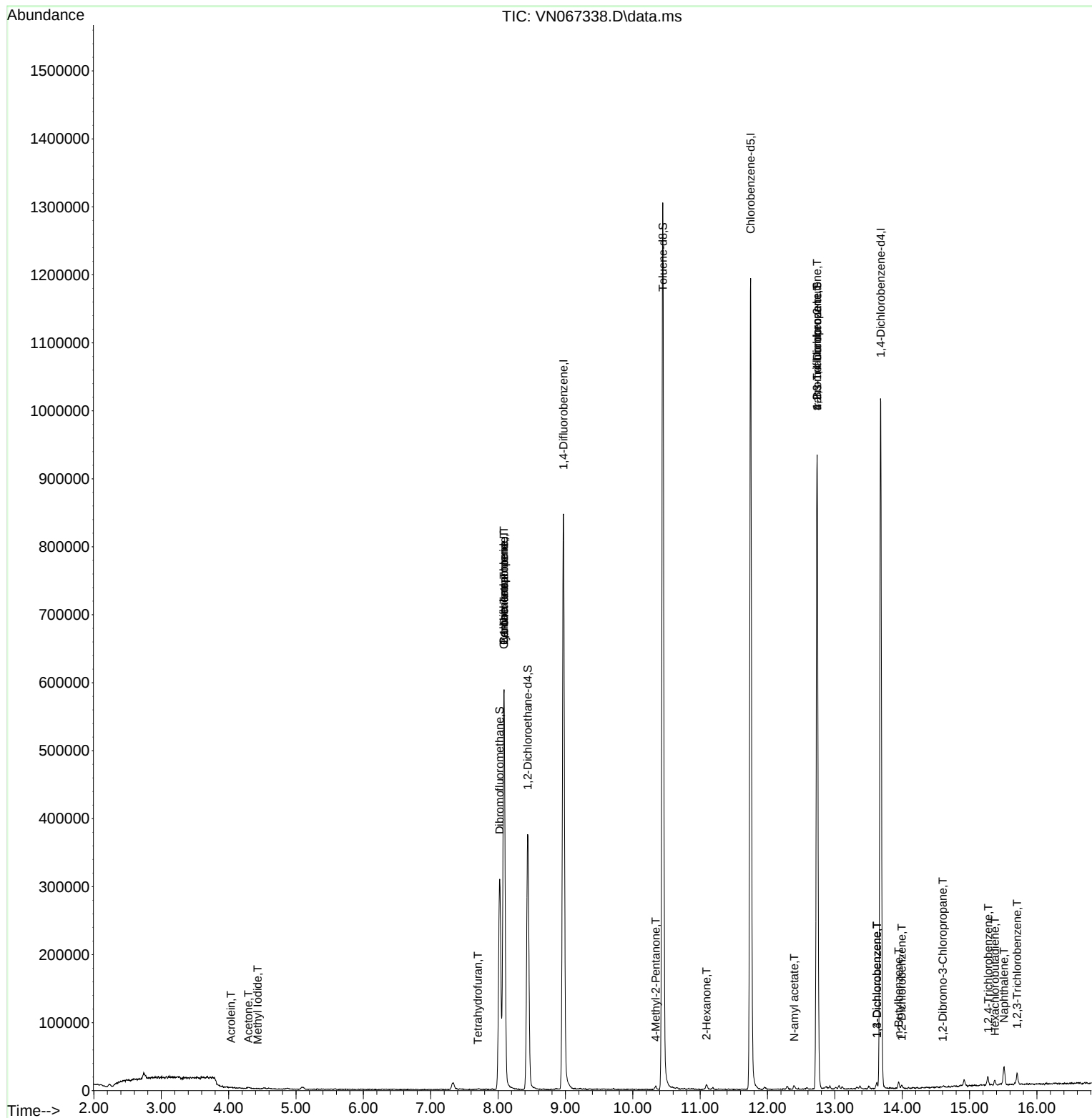
Internal Standards						
1) Pentafluorobenzene	8.088	168	381476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	700095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	639320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	242543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	340175	45.203	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.400%		
35) Dibromofluoromethane	8.024	113	221768	47.629	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.260%		
50) Toluene-d8	10.446	98	904941	50.707	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.420%		
62) 4-Bromofluorobenzene	12.736	95	342300	46.477	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.960%		
Target Compounds						Qvalue
10) Methyl Iodide	4.433	142	458	6.825	ug/l #	52
13) Acrolein	4.036	56	713	0.922	ug/l #	53
16) Acetone	4.293	43	2198	0.761	ug/l	90
29) Tetrahydrofuran	7.702	42	833	0.320	ug/l #	59
31) Cyclohexane	8.086	56	12213	1.194	ug/l #	28
36) 1,1-Dichloropropene	8.088	75	39721	5.061	ug/l #	52
38) Carbon Tetrachloride	8.088	117	45439	5.386	ug/l #	16
51) 4-Methyl-2-Pentanone	10.341	43	4168	0.485	ug/l #	75
59) 2-Hexanone	11.095	43	5044	0.801	ug/l	88
74) N-amyl acetate	12.396	43	4082	0.359	ug/l #	77
76) 1,2,3-Trichloropropane	12.736	75	199657	31.699	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	199657	78.561	ug/l #	6
87) 1,3-Dichlorobenzene	13.624	146	2182	0.255	ug/l	89
88) 1,4-Dichlorobenzene	13.624	146	2182	0.254	ug/l	91
89) n-Butylbenzene	13.948	91	5936	0.354	ug/l	93
91) 1,2-Dichlorobenzene	13.994	146	2019	0.249	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.603	75	572	0.330	ug/l #	51
93) 1,2,4-Trichlorobenzene	15.276	180	3905	0.922	ug/l	96
94) Hexachlorobutadiene	15.375	225	1659	0.682	ug/l #	50
95) Naphthalene	15.509	128	22271	4.040	ug/l	98
96) 1,2,3-Trichlorobenzene	15.705	180	5310	1.306	ug/l	92

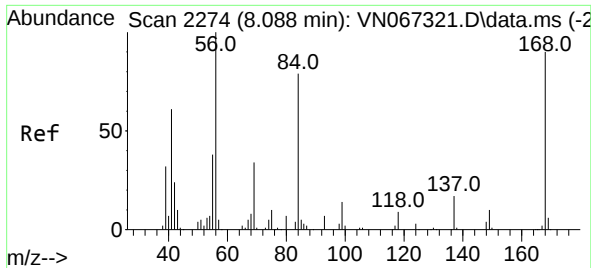
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
Data File : VN067338.D
Acq On : 15 Jun 2021 11:36
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Sample : VN0615MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

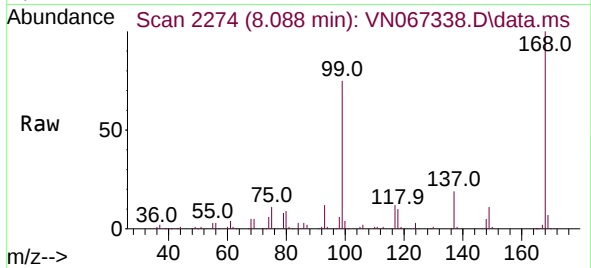
Quant Time: Jun 16 02:38:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 15 05:19:42 2021
Response via : Initial Calibration



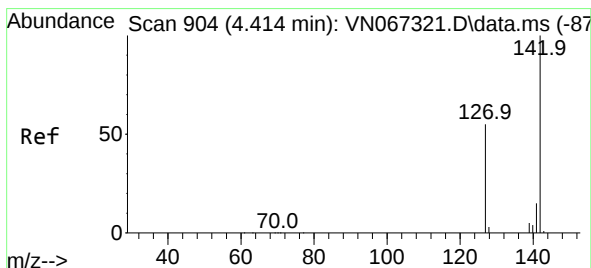
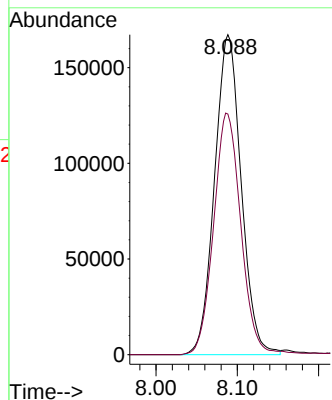
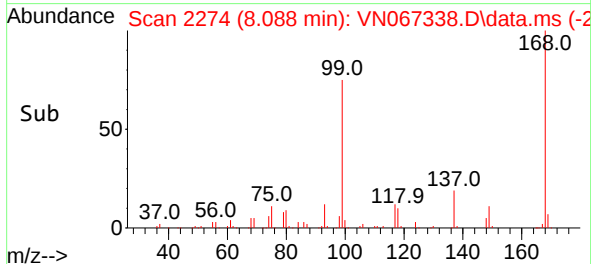


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

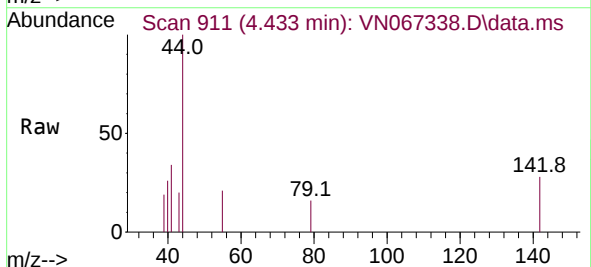
Instrument :
MSVOA_N
ClientSampleId :



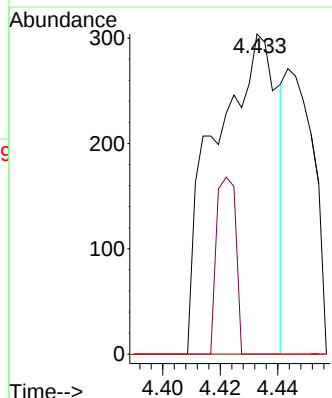
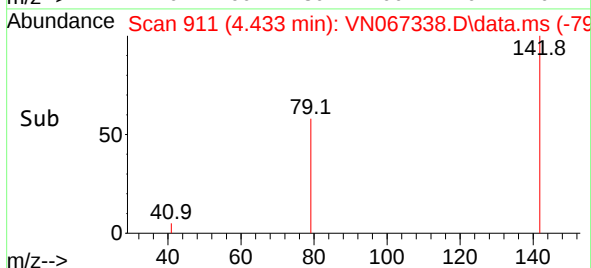
Tgt Ion:168 Resp: 381476
Ion Ratio Lower Upper
168 100
99 75.2 62.9 94.3

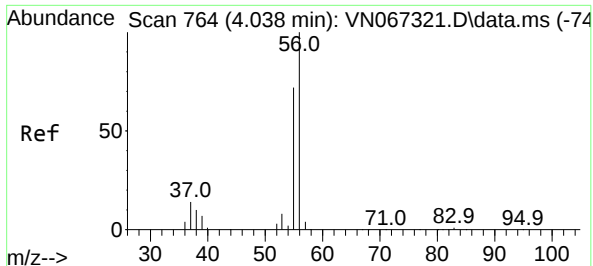


#10
Methyl Iodide
Concen: 6.825 ug/l
RT: 4.433 min Scan# 911
Delta R.T. 0.019 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36



Tgt Ion:142 Resp: 458
Ion Ratio Lower Upper
142 100
127 17.0 43.1 64.7#
141 0.0 11.4 17.0#

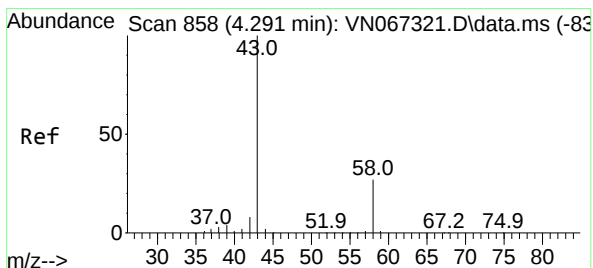
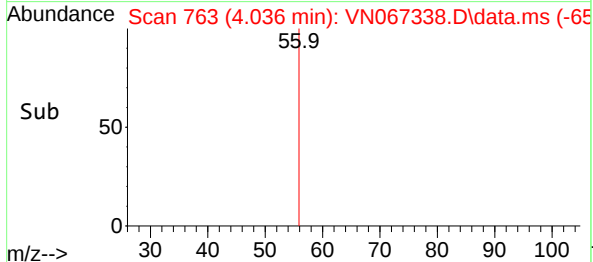
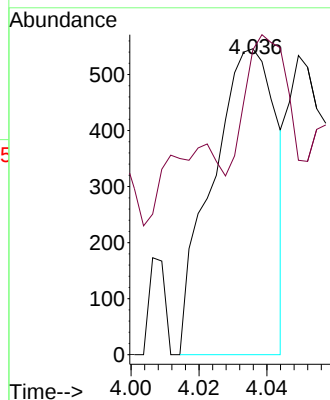
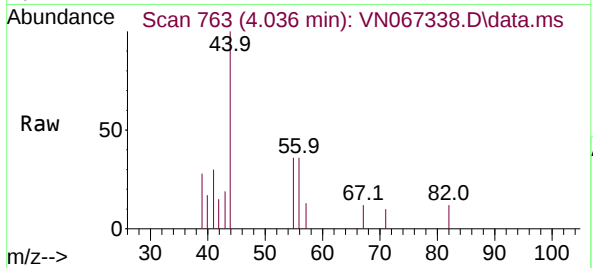




#13
Acrolein
Concen: 0.922 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.002 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

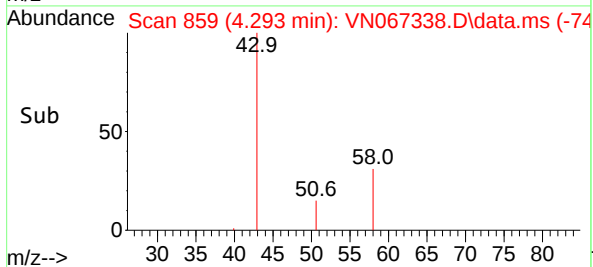
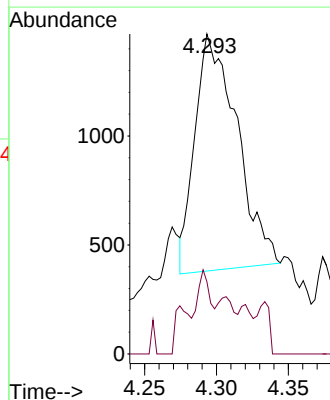
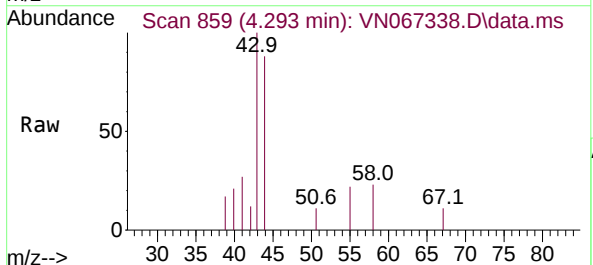
Instrument :
MSVOA_N
ClientSampled :

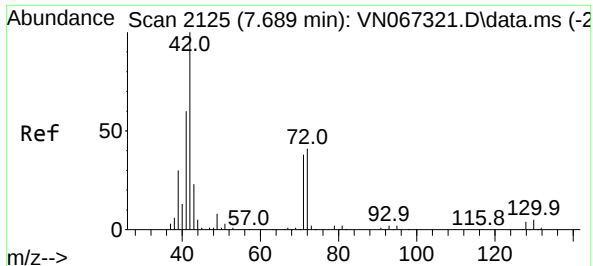
Tgt Ion: 56 Resp: 713
Ion Ratio Lower Upper
56 100
55 32.8 57.4 86.0#



#16
Acetone
Concen: 0.761 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

Tgt Ion: 43 Resp: 2198
Ion Ratio Lower Upper
43 100
58 31.5 21.2 31.8





#29

Tetrahydrofuran

Concen: 0.320 ug/l

RT: 7.702 min Scan# 2130

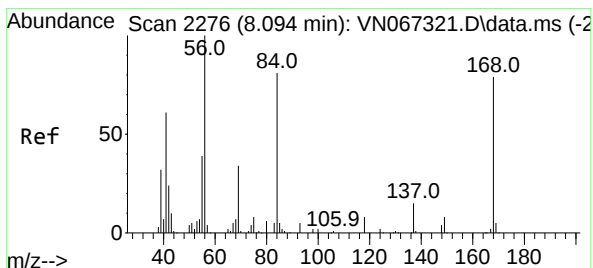
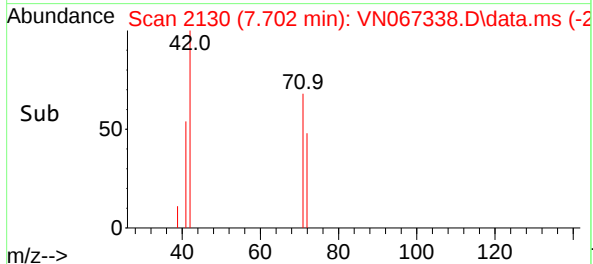
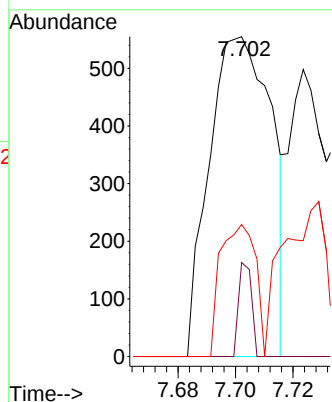
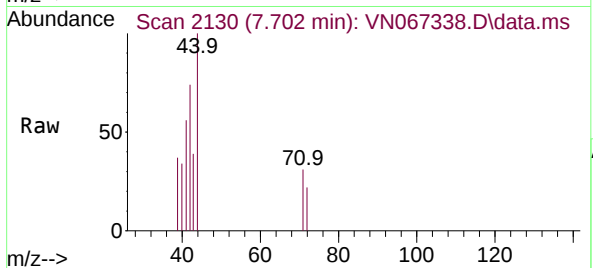
Delta R.T. 0.013 min

Lab File: VN067338.D

Acq: 15 Jun 2021 11:36

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:	42	Resp:	833
Ion	Ratio	Lower	Upper
42	100		
72	6.1	32.8	49.2#
71	23.2	31.2	46.8#



#31

Cyclohexane

Concen: 1.194 ug/l

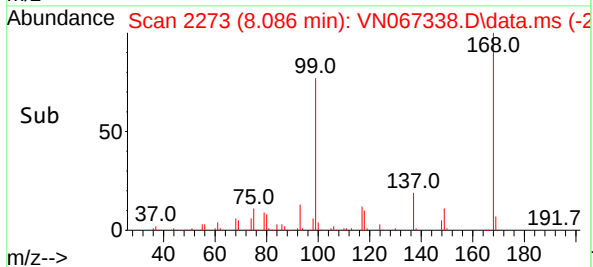
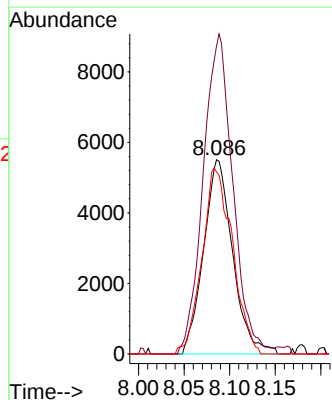
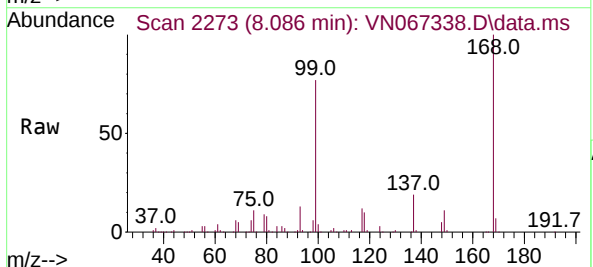
RT: 8.086 min Scan# 2273

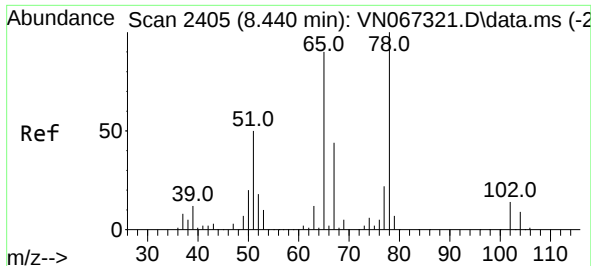
Delta R.T. -0.008 min

Lab File: VN067338.D

Acq: 15 Jun 2021 11:36

Tgt Ion:	56	Resp:	12213
Ion	Ratio	Lower	Upper
56	100		
69	154.9	27.3	40.9#
84	93.7	64.9	97.3



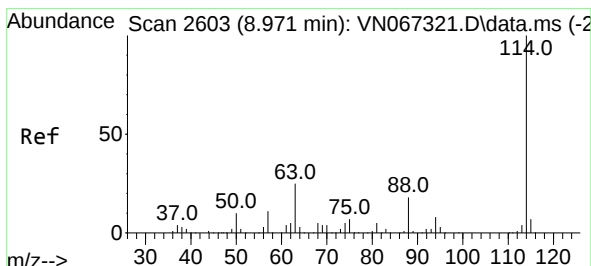
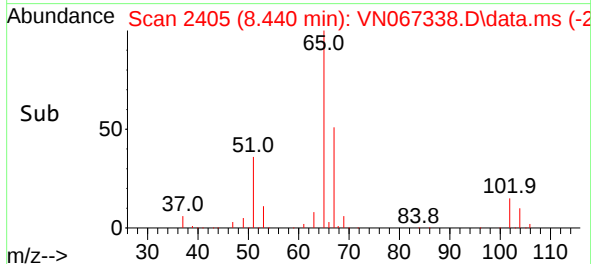
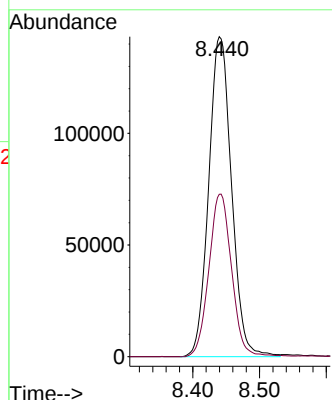
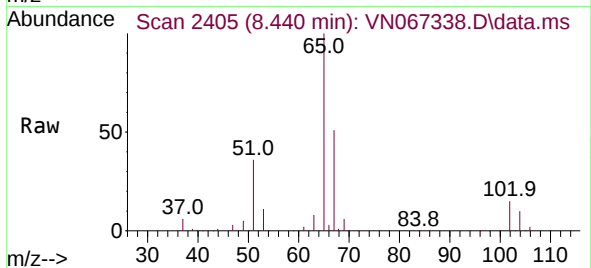


#33

1,2-Dichloroethane-d4
Concen: 45.203 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

Instrument :
MSVOA_N
ClientSampled :

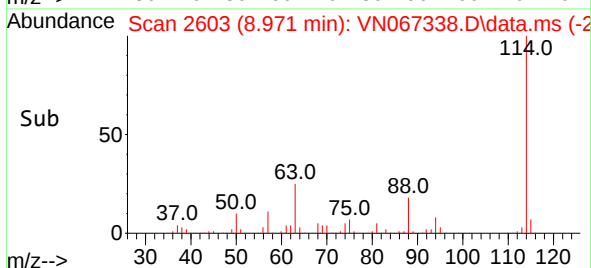
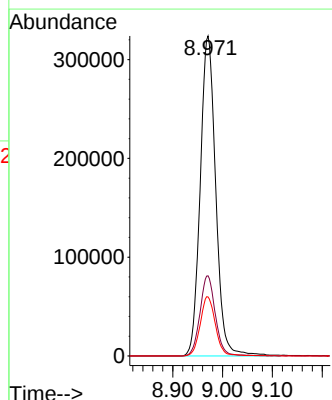
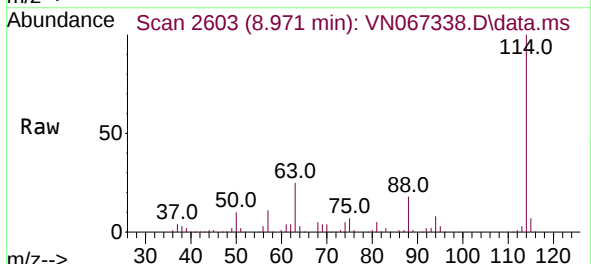
Tgt Ion: 65 Resp: 340175
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.6

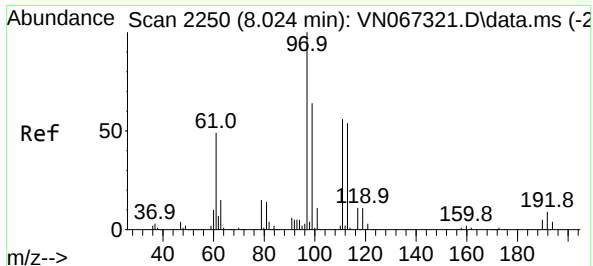


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

Tgt Ion: 114 Resp: 700095
Ion Ratio Lower Upper
114 100
63 25.1 0.0 49.0
88 18.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.629 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN067338.D

Acq: 15 Jun 2021 11:36

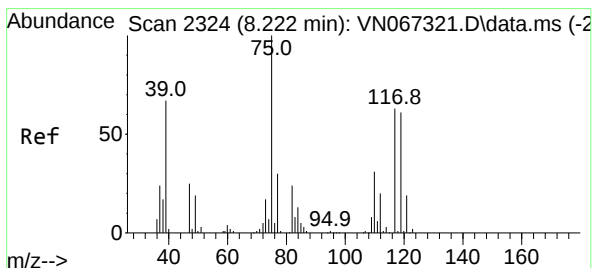
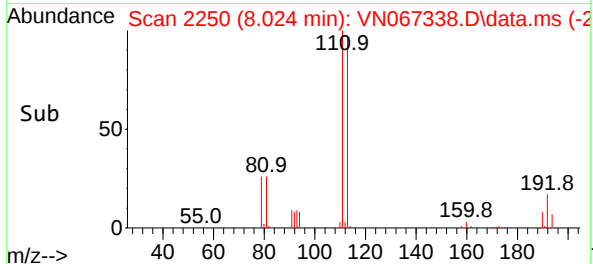
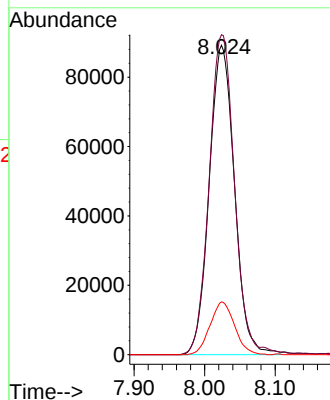
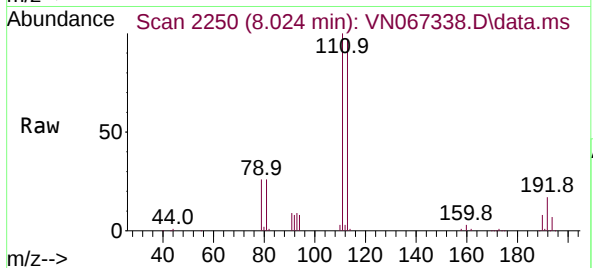
Tgt Ion:113 Resp: 221768

Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.8

192 16.6 13.4 20.0



#36

1,1-Dichloropropene

Concen: 5.061 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.134 min

Lab File: VN067338.D

Acq: 15 Jun 2021 11:36

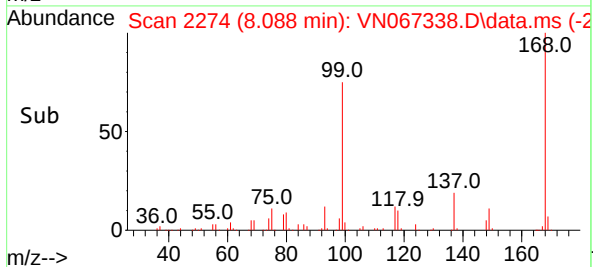
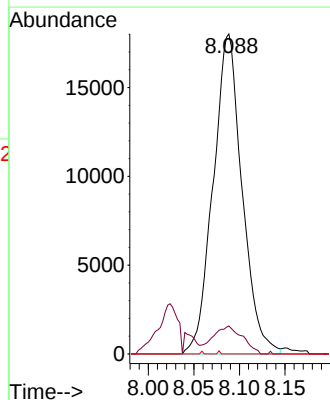
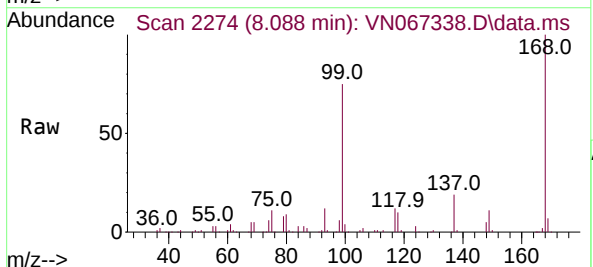
Tgt Ion: 75 Resp: 39721

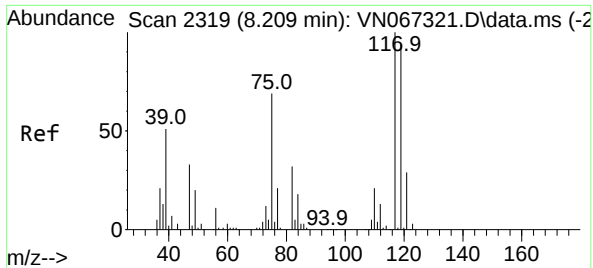
Ion Ratio Lower Upper

75 100

110 8.9 15.7 47.0#

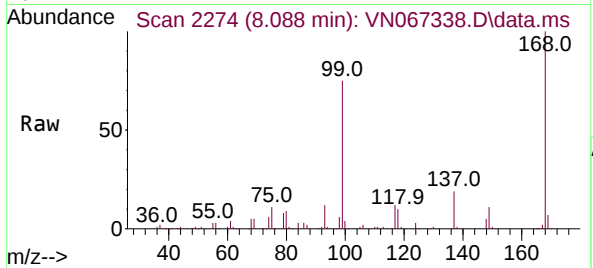
77 0.1 24.6 37.0#



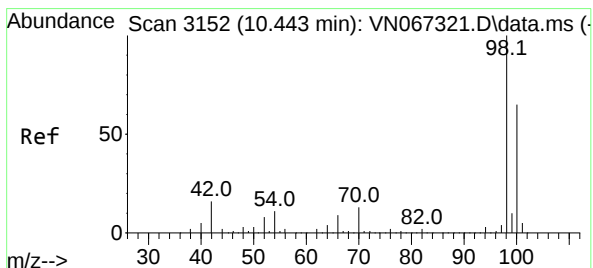
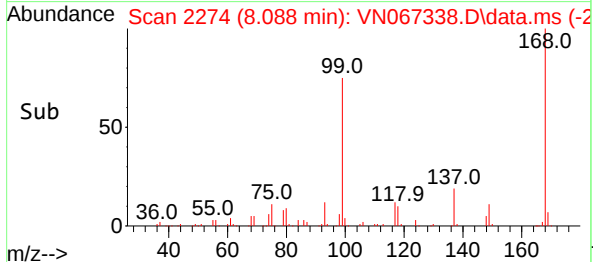
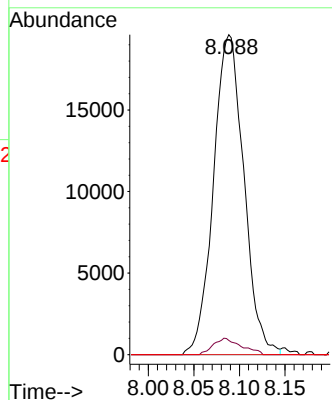


#38
Carbon Tetrachloride
Concen: 5.386 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

Instrument :
MSVOA_N
ClientSampleId :

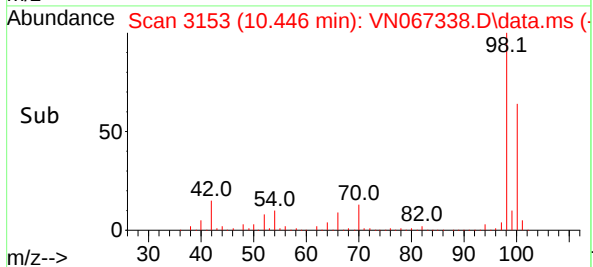
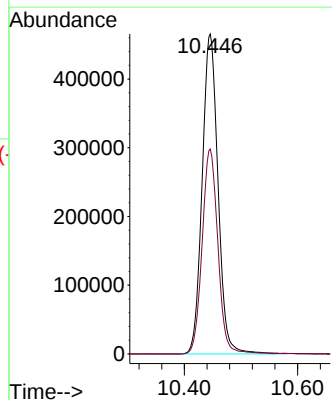
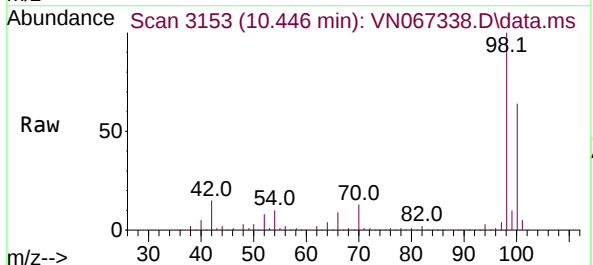


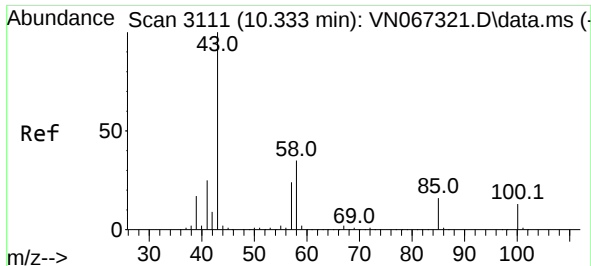
Tgt Ion:117 Resp: 45439
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 50.707 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

Tgt Ion: 98 Resp: 904941
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5

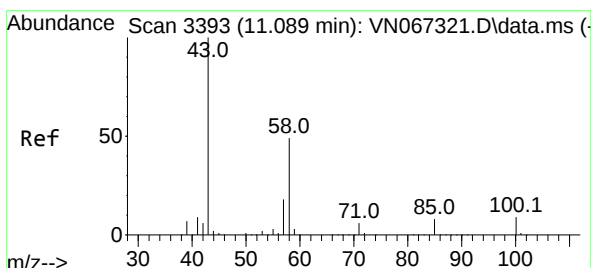
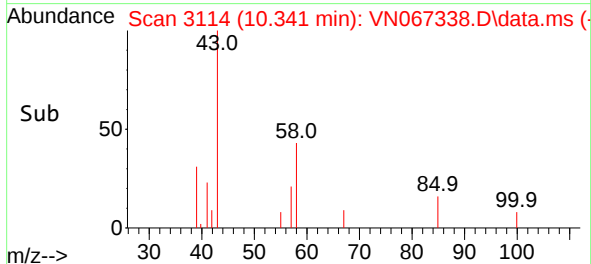
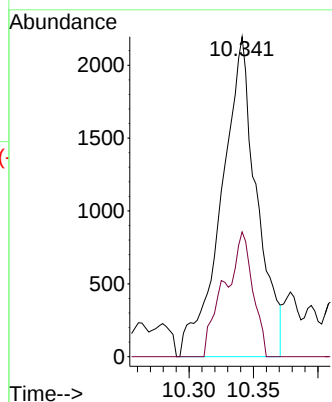
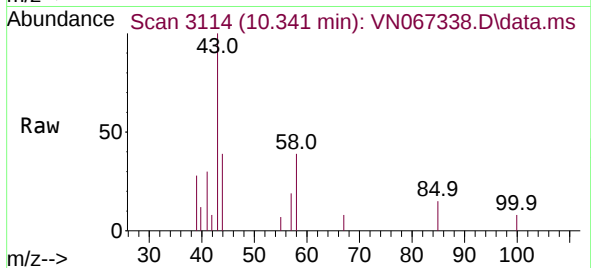




#51
4-Methyl-2-Pentanone
Concen: 0.485 ug/l
RT: 10.341 min Scan# 3114
Delta R.T. 0.008 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

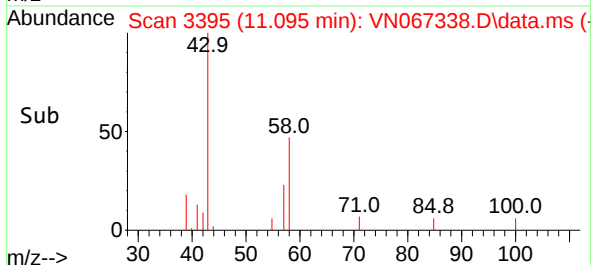
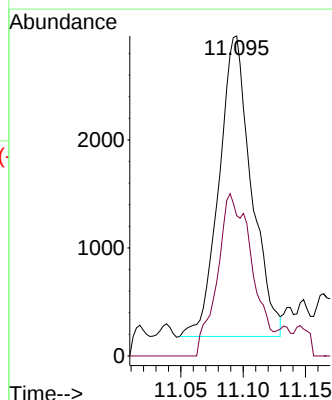
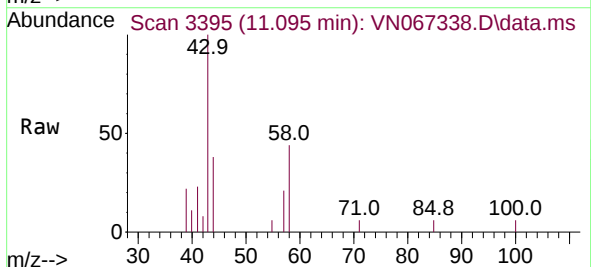
Instrument :
MSVOA_N
ClientSampled :

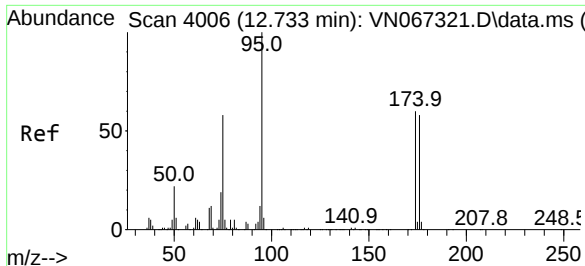
Tgt Ion: 43 Resp: 4168
Ion Ratio Lower Upper
43 100
58 20.9 28.6 43.0#



#59
2-Hexanone
Concen: 0.801 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

Tgt Ion: 43 Resp: 5044
Ion Ratio Lower Upper
43 100
58 57.7 24.7 74.1

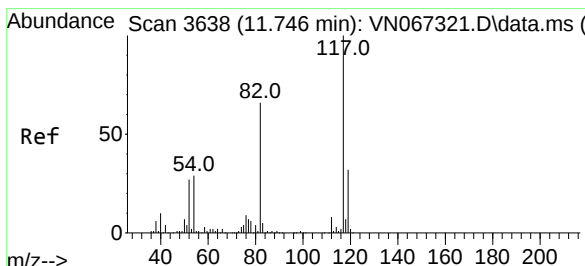
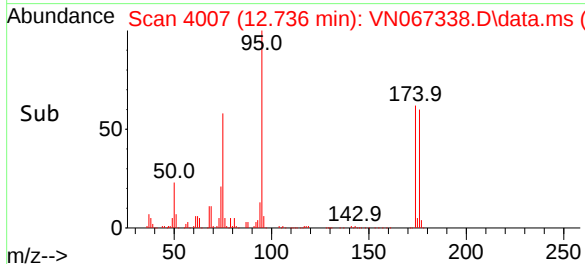
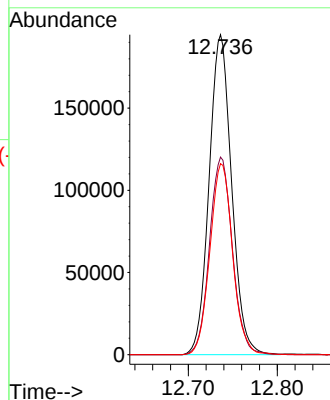
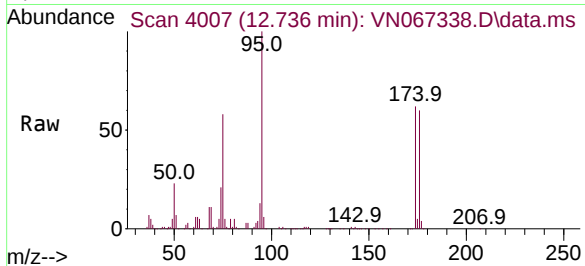




#62
4-Bromofluorobenzene
Concen: 46.477 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

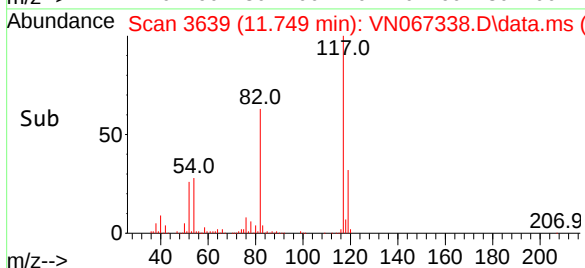
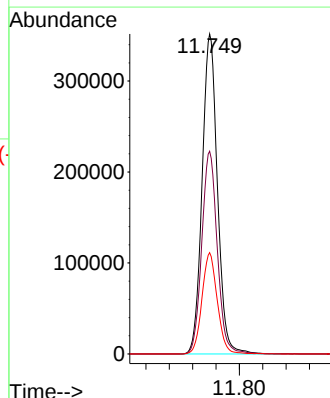
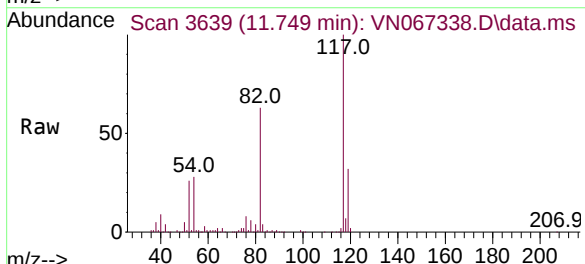
Instrument :
MSVOA_N
ClientSampleId :

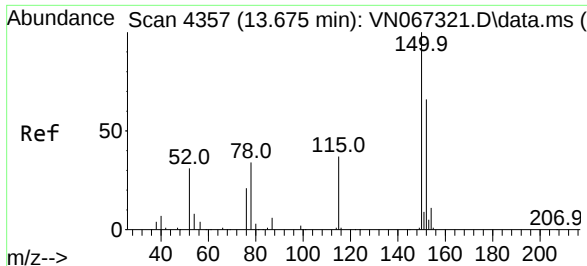
Tgt Ion: 95 Resp: 342300
Ion Ratio Lower Upper
95 100
174 62.8 0.0 122.0
176 60.2 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

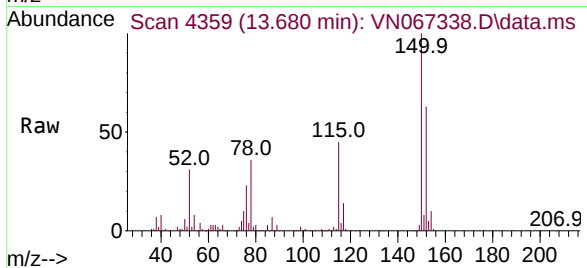
Tgt Ion: 117 Resp: 639320
Ion Ratio Lower Upper
117 100
82 63.4 53.1 79.7
119 31.6 25.5 38.3



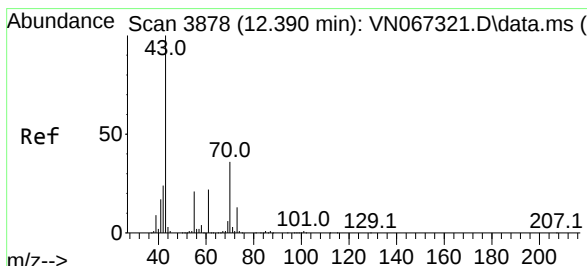
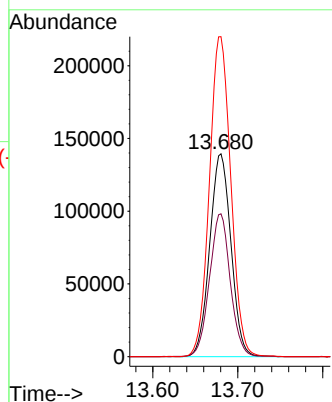
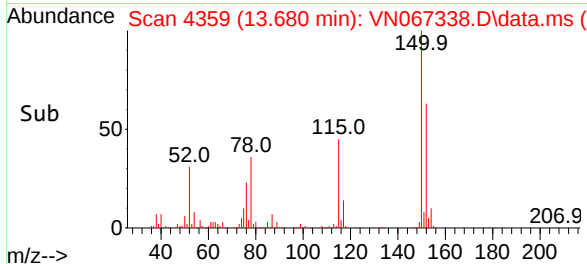


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.005 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

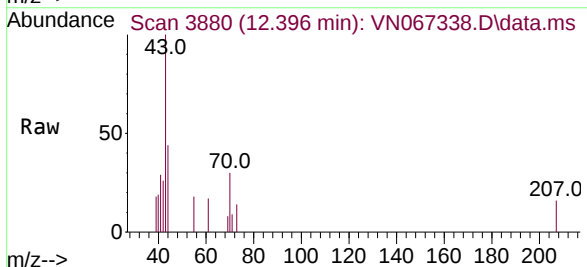
Instrument :
MSVOA_N
ClientSampled :



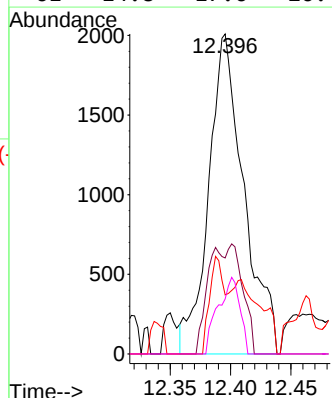
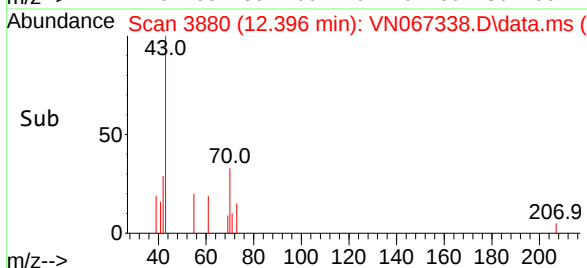
Tgt Ion:152 Resp: 242543
Ion Ratio Lower Upper
152 100
115 69.0 36.1 108.5
150 158.6 0.0 351.8

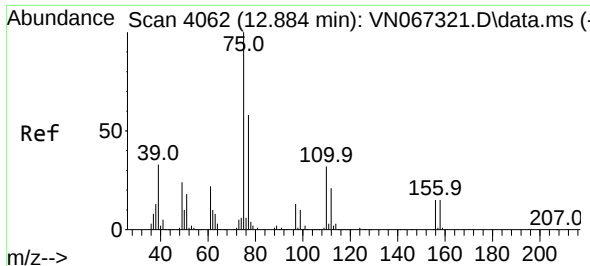


#74
N-ethyl acetate
Concen: 0.359 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.006 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36



Tgt Ion: 43 Resp: 4082
Ion Ratio Lower Upper
43 100
70 17.5 29.4 44.2#
55 13.5 17.0 25.4#
61 14.8 17.6 26.4#

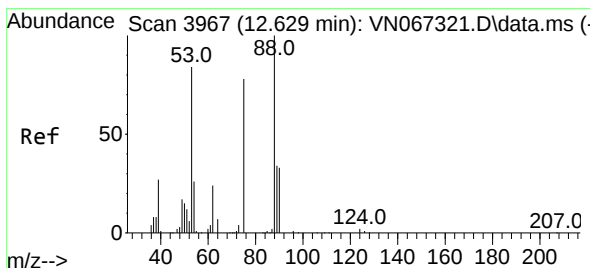
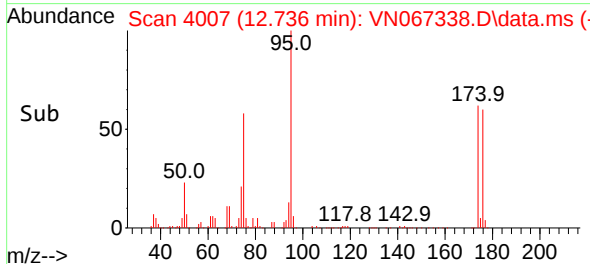
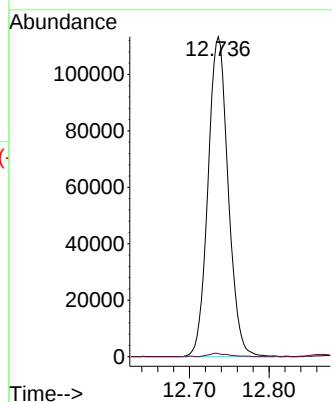
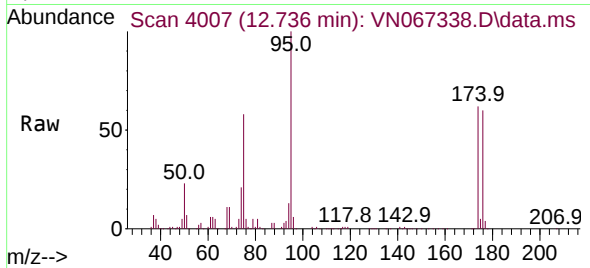




#76
1,2,3-Trichloropropane
Concen: 31.699 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

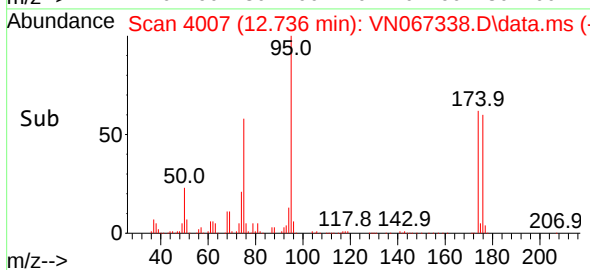
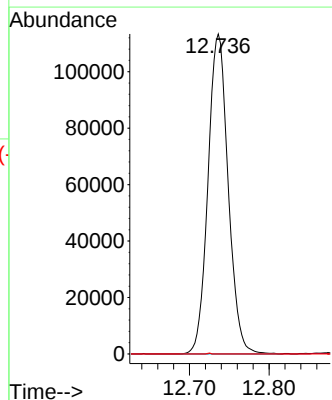
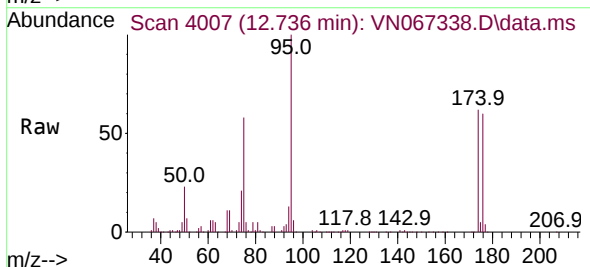
Instrument :
MSVOA_N
ClientSampleId :

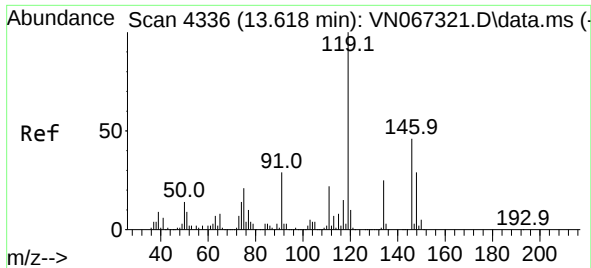
Tgt Ion: 75 Resp: 199657
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.561 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

Tgt Ion: 75 Resp: 199657
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

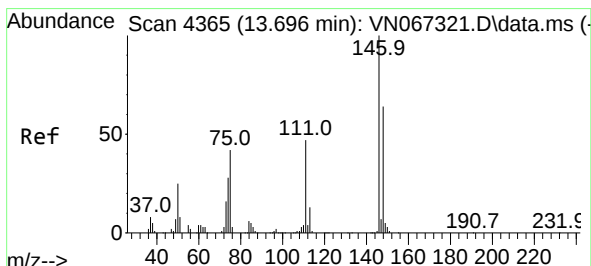
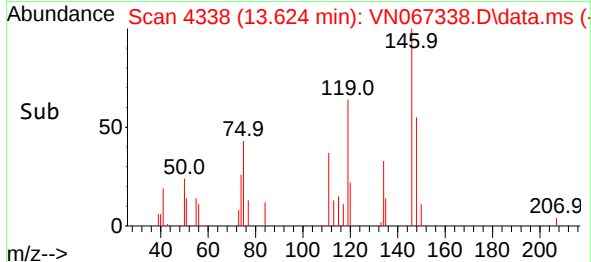
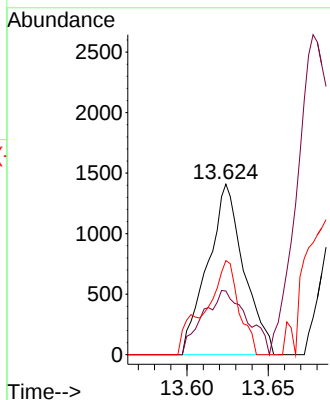
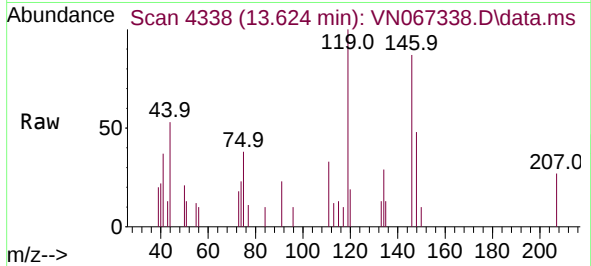




#87
1,3-Dichlorobenzene
Concen: 0.255 ug/l
RT: 13.624 min Scan# 4338
Delta R.T. 0.006 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

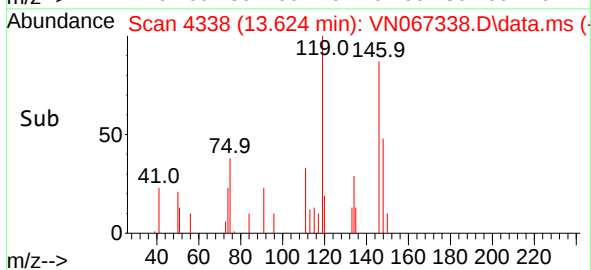
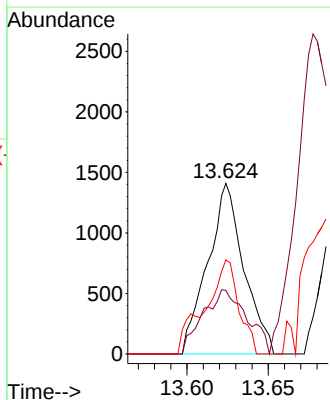
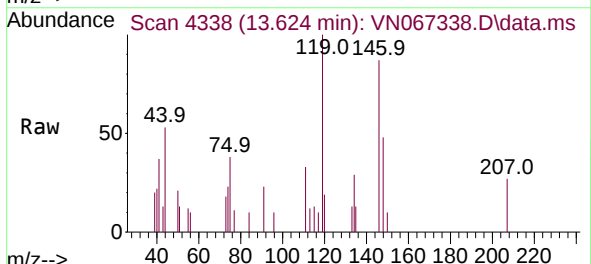
Instrument :
MSVOA_N
ClientSampled :

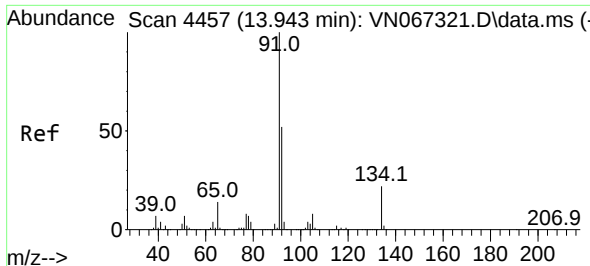
Tgt Ion:	146	Resp:	2182
Ion	Ratio	Lower	Upper
146	100		
111	46.0	24.3	72.8
148	51.5	32.0	96.0



#88
1,4-Dichlorobenzene
Concen: 0.254 ug/l
RT: 13.624 min Scan# 4338
Delta R.T. -0.072 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

Tgt Ion:	146	Resp:	2182
Ion	Ratio	Lower	Upper
146	100		
111	46.0	23.4	70.2
148	51.5	31.8	95.3

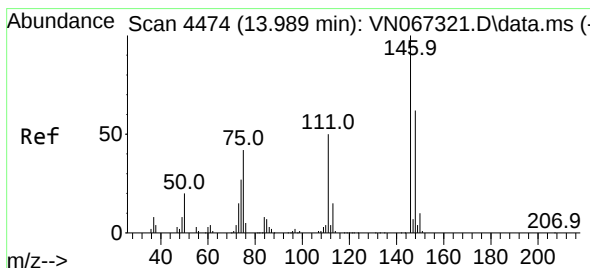
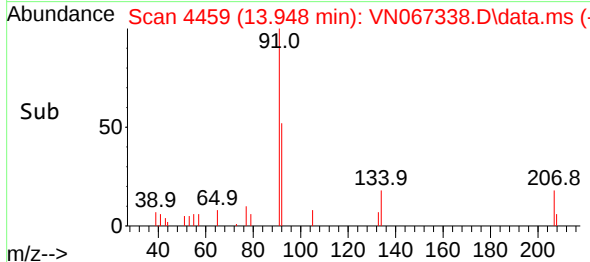
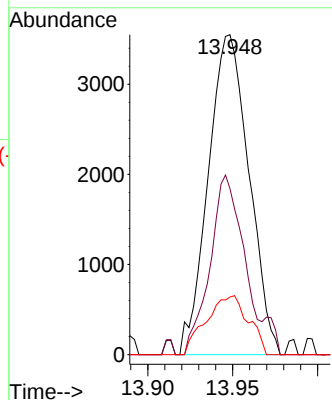
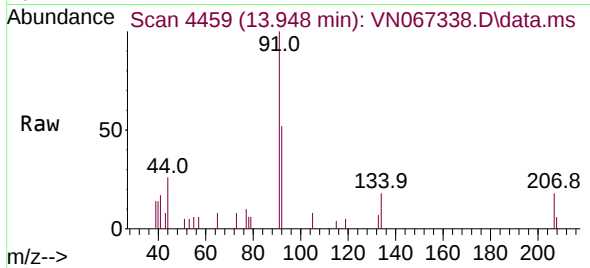




#89
n-Butylbenzene
Concen: 0.354 ug/l
RT: 13.948 min Scan# 4459
Delta R.T. 0.005 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

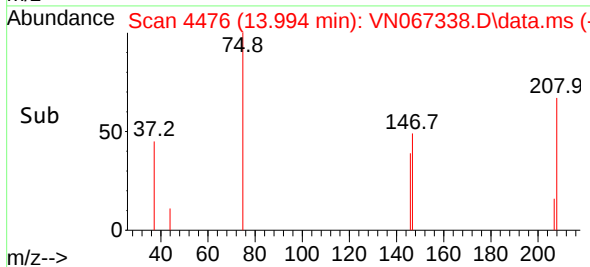
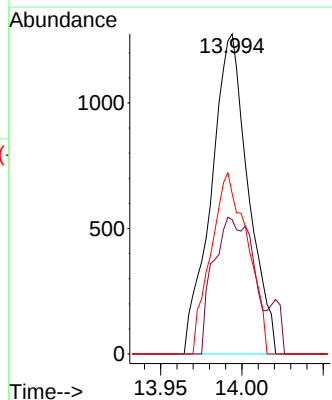
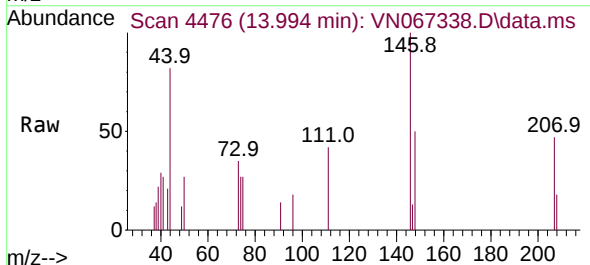
Instrument :
MSVOA_N
ClientSampled :

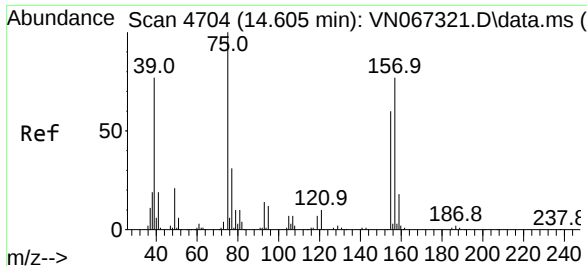
Tgt Ion: 91	Resp: 5936
Ion Ratio	Lower Upper
91	100
92	46.3 25.7 77.1
134	19.1 11.2 33.6



#91
1,2-Dichlorobenzene
Concen: 0.249 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.005 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

Tgt Ion: 146	Resp: 2019
Ion Ratio	Lower Upper
146	100
111	46.9 24.9 74.6
148	56.2 31.6 95.0

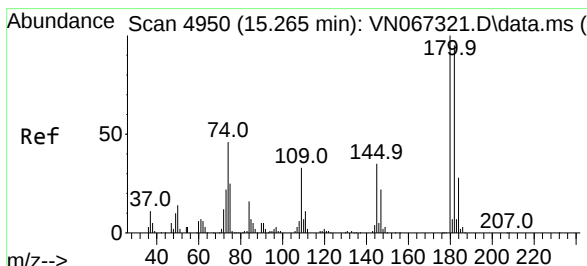
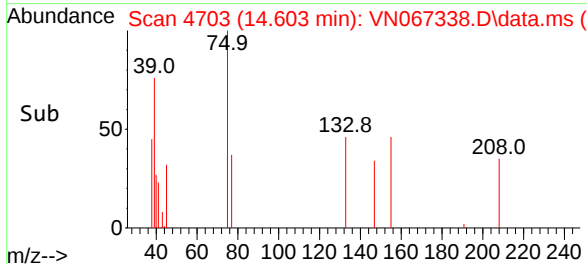
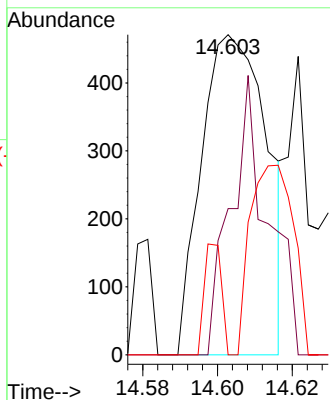
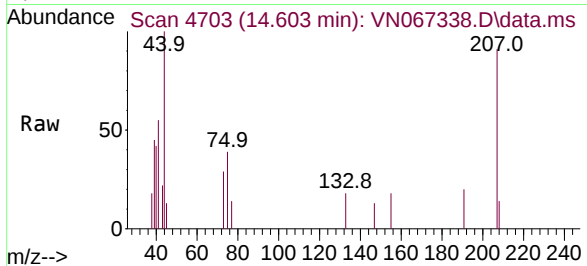




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.330 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.002 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

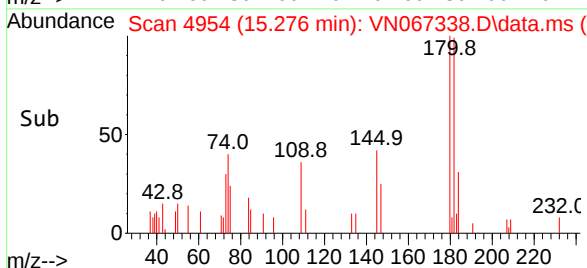
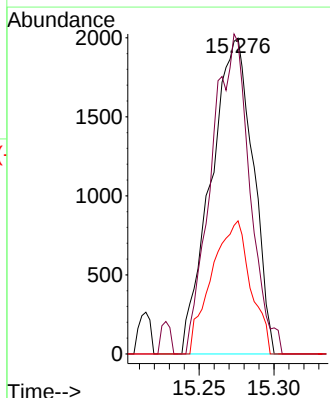
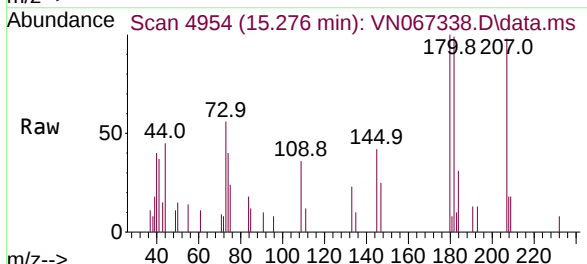
Instrument :
MSVOA_N
ClientSampleId :

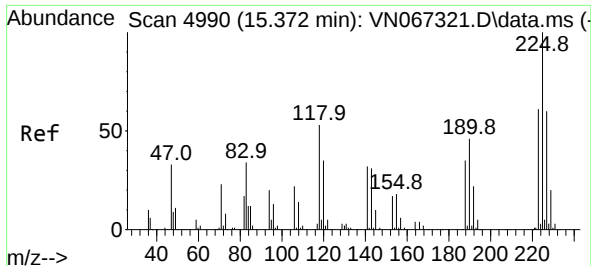
Tgt Ion: 75 Resp: 572
Ion Ratio Lower Upper
75 100
155 49.3 29.8 89.5
157 9.1 37.6 112.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.922 ug/l
RT: 15.276 min Scan# 4954
Delta R.T. 0.011 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

Tgt Ion:180 Resp: 3905
Ion Ratio Lower Upper
180 100
182 92.7 47.5 142.5
145 39.0 17.2 51.6

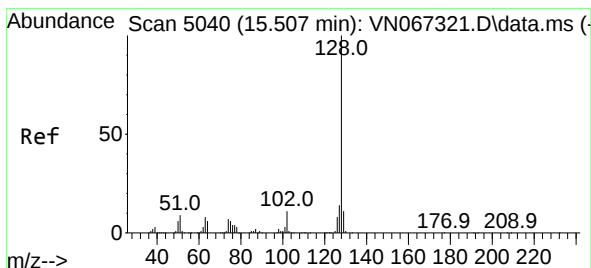
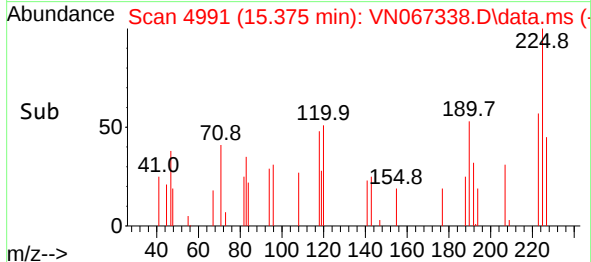
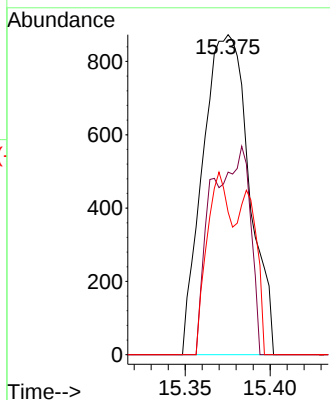
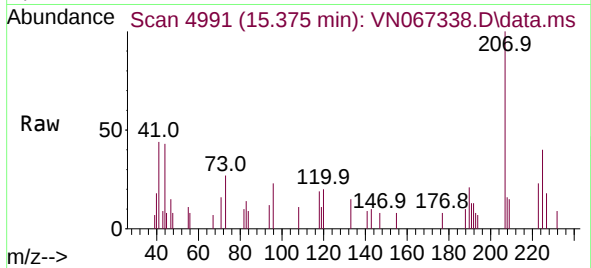




#94
Hexachlorobutadiene
Concen: 0.682 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.003 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

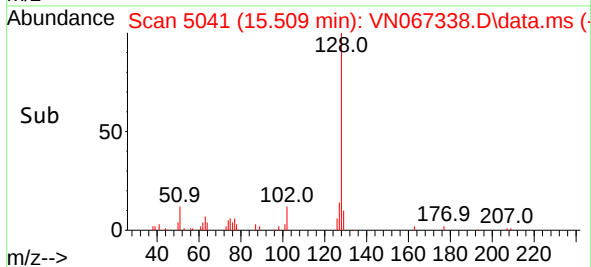
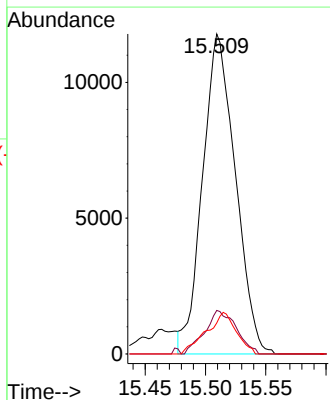
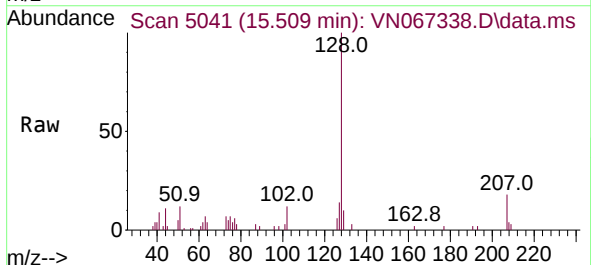
Instrument :
MSVOA_N
ClientSampled :

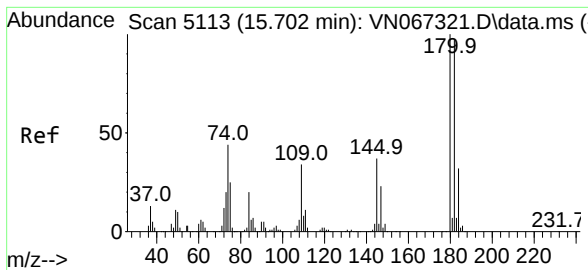
Tgt Ion:225 Resp: 1659
Ion Ratio Lower Upper
225 100
223 18.8 31.4 94.0#
227 28.8 31.2 93.6#



#95
Naphthalene
Concen: 4.040 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067338.D
Acq: 15 Jun 2021 11:36

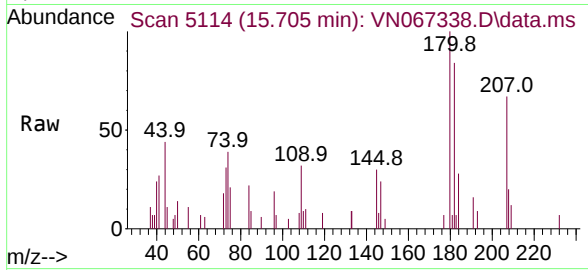
Tgt Ion:128 Resp: 22271
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.9 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 1.306 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.003 min
 Lab File: VN067338.D
 Acq: 15 Jun 2021 11:36

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	5310
Ion	Ratio	Lower	Upper
180	100		
182	104.2	47.8	143.3
145	33.3	18.2	54.6

