

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067488.D
 Acq On : 24 Jun 2021 17:19
 Operator : JC/MD
 Sample : M2804-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 25 02:15:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

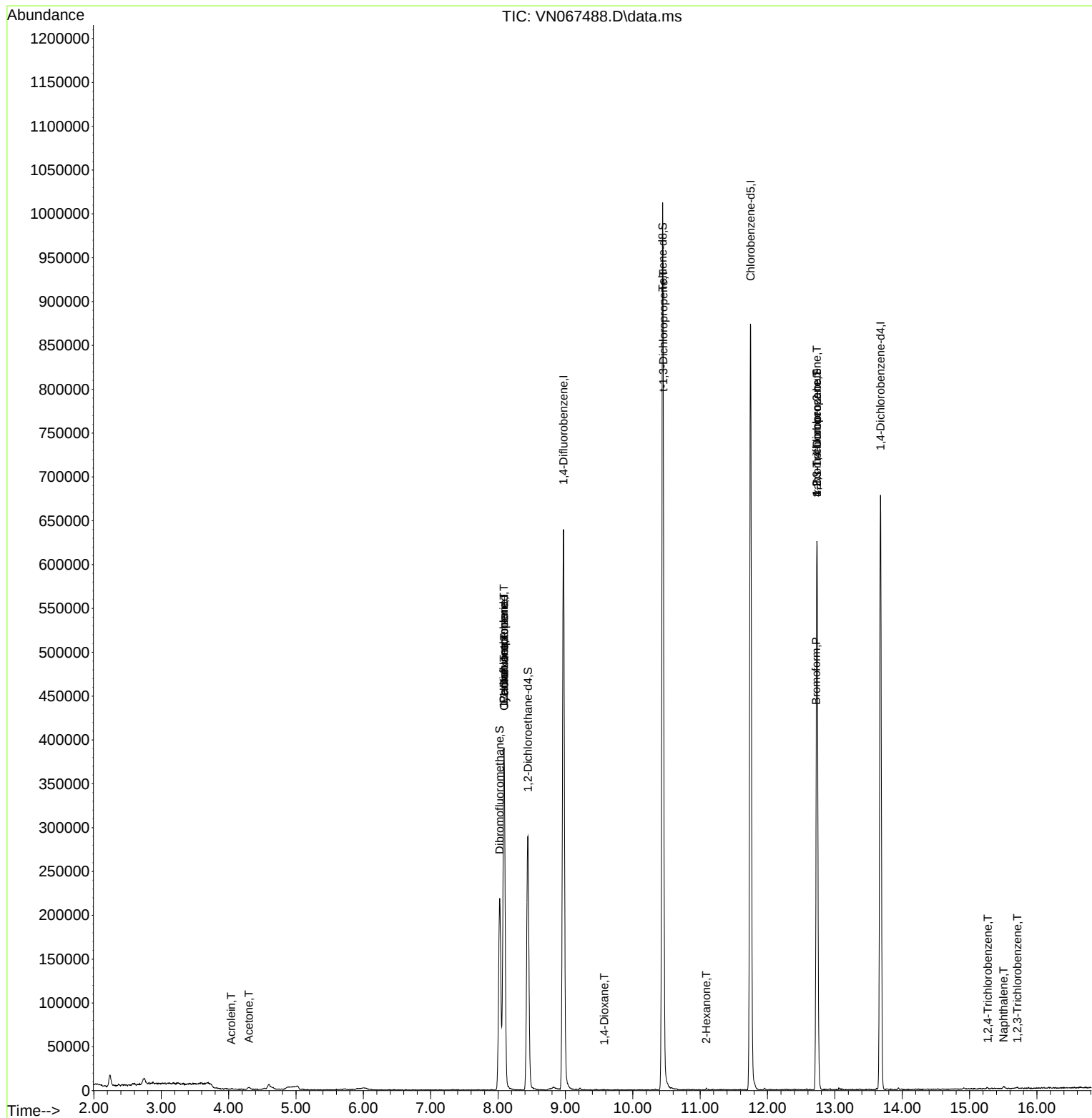
Internal Standards						
1) Pentafluorobenzene	8.088	168	242199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	513331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	458452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	151511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	240901	48.60	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.20%		
35) Dibromofluoromethane	8.024	113	156482	49.48	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.96%		
50) Toluene-d8	10.443	98	680551	50.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.90%		
62) 4-Bromofluorobenzene	12.734	95	235790	49.06	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.12%		
Target Compounds						
					Qvalue	
13) Acrolein	4.039	56	255	0.37	ug/l #	54
16) Acetone	4.299	43	4579	2.41	ug/l #	88
31) Cyclohexane	8.091	56	9229	1.16	ug/l #	12
36) 1,1-Dichloropropene	8.086	75	30790	5.32	ug/l #	50
38) Carbon Tetrachloride	8.088	117	31664	6.43	ug/l #	16
49) 1,4-Dioxane	9.577	88	54	0.83	ug/l #	35
53) t-1,3-Dichloropropene	10.454	75	165	2.02	ug/l #	71
59) 2-Hexanone	11.089	43	1089	0.25	ug/l	65
71) Bromoform	12.723	173	480	2.84	ug/l #	29
76) 1,2,3-Trichloropropane	12.734	75	136305	30.57	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	136305	83.64	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.271	180	554	2.54	ug/l #	54
95) Naphthalene	15.504	128	1712	3.53	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.708	180	244	2.62	ug/l #	1

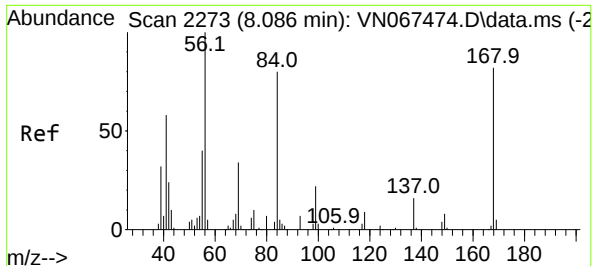
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
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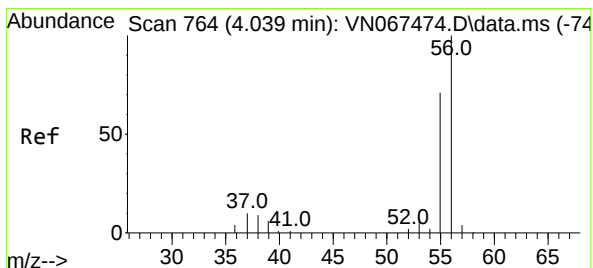
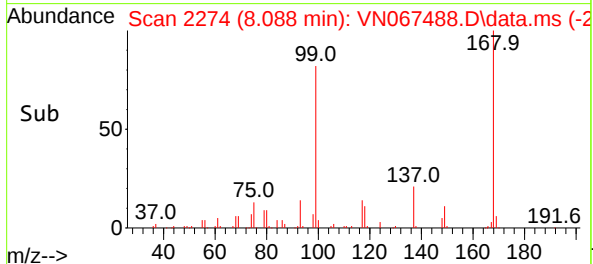
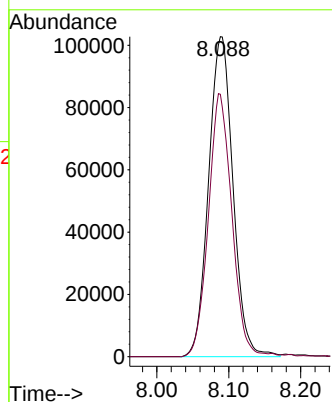
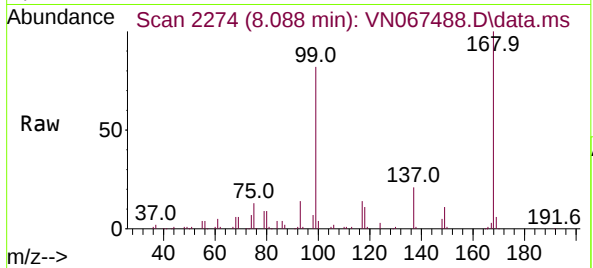




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

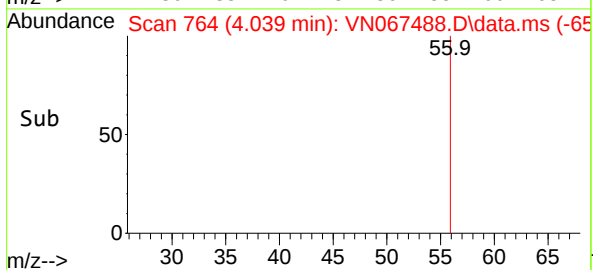
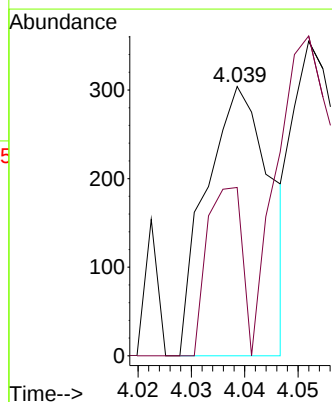
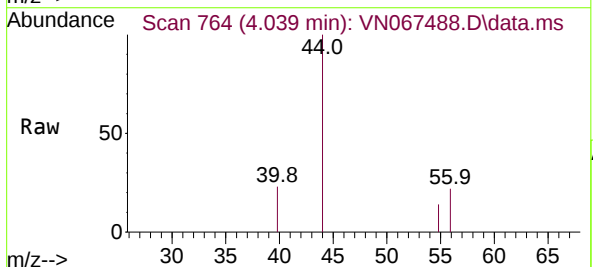
Instrument :
MSVOA_N
ClientSampled :

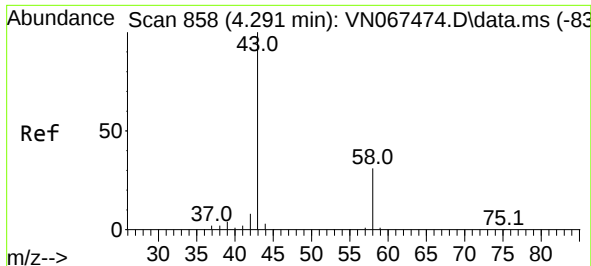
Tgt Ion:168 Resp: 242199
Ion Ratio Lower Upper
168 100
99 82.0 62.9 94.3



#13
Acrolein
Concen: 0.37 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

Tgt Ion: 56 Resp: 255
Ion Ratio Lower Upper
56 100
55 33.7 57.4 86.0#

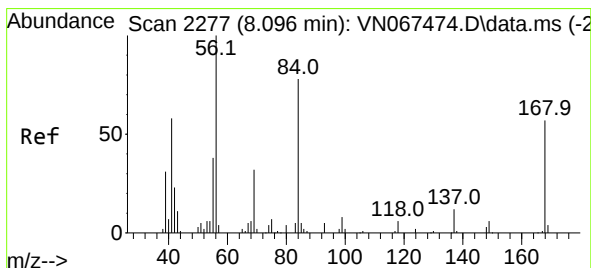
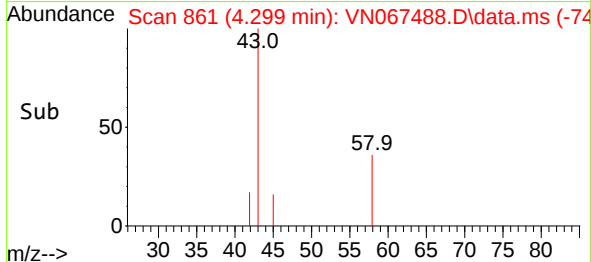
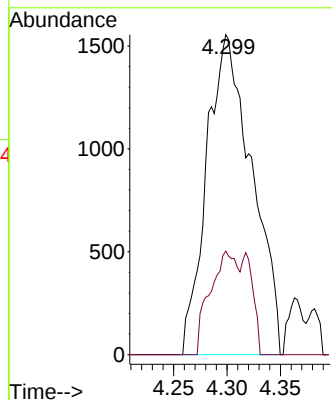
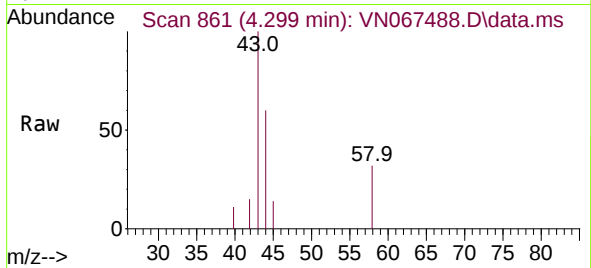




#16
Acetone
Concen: 2.41 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

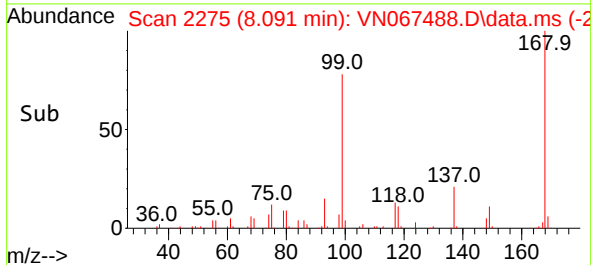
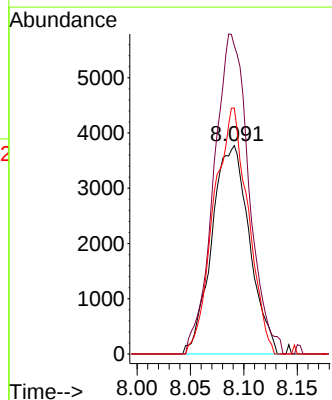
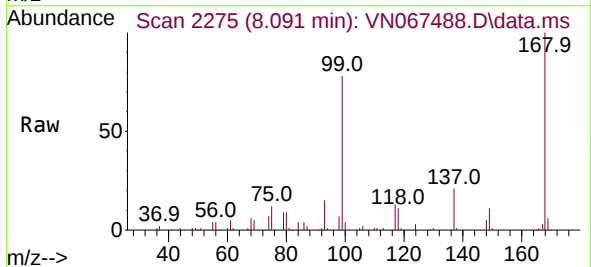
Instrument :
MSVOA_N
ClientSampled :

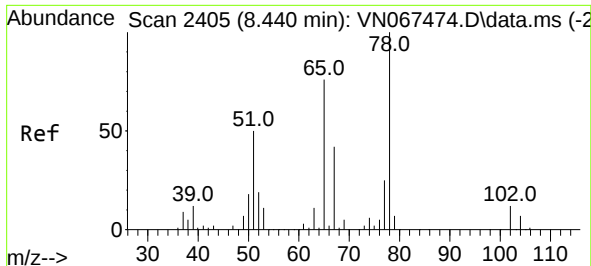
Tgt Ion: 43 Resp: 4579
Ion Ratio Lower Upper
43 100
58 32.4 21.2 31.8#



#31
Cyclohexane
Concen: 1.16 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

Tgt Ion: 56 Resp: 9229
Ion Ratio Lower Upper
56 100
69 148.0 27.3 40.9#
84 118.1 64.9 97.3#





#33

1,2-Dichloroethane-d4

Concen: 48.60 ug/l

RT: 8.442 min Scan# 2406

Delta R.T. 0.002 min

Lab File: VN067488.D

Acq: 24 Jun 2021 17:19

Tgt Ion: 65 Resp: 240901

Ion Ratio Lower Upper

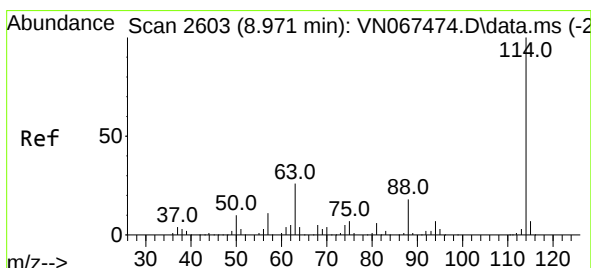
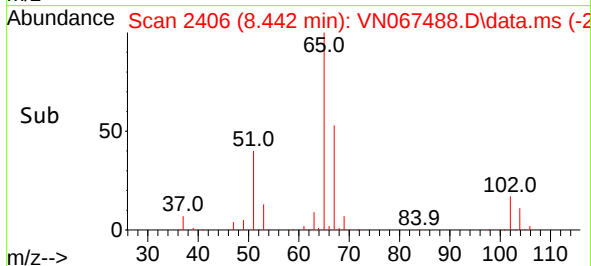
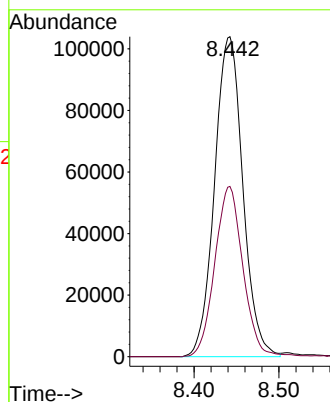
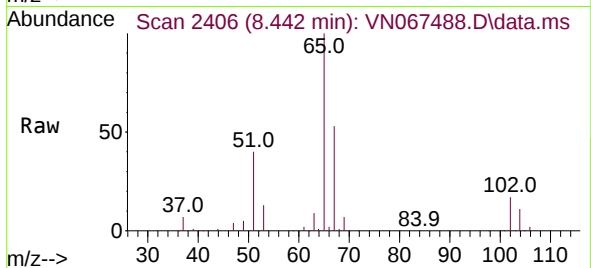
65 100

67 52.9 0.0 98.6

Instrument :

MSVOA_N

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. -0.000 min

Lab File: VN067488.D

Acq: 24 Jun 2021 17:19

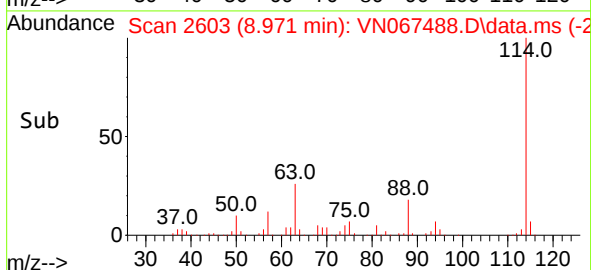
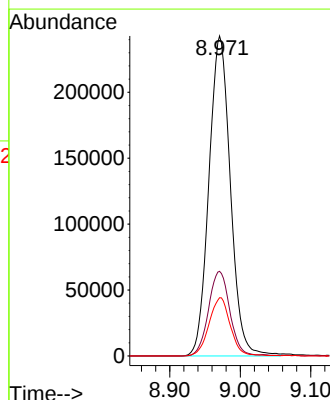
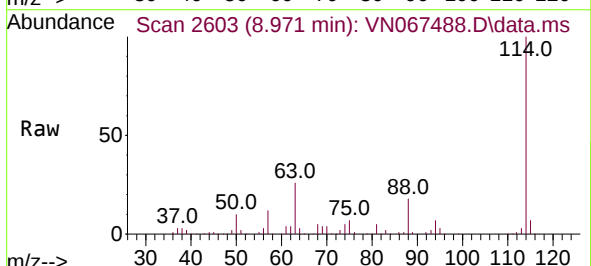
Tgt Ion: 114 Resp: 513331

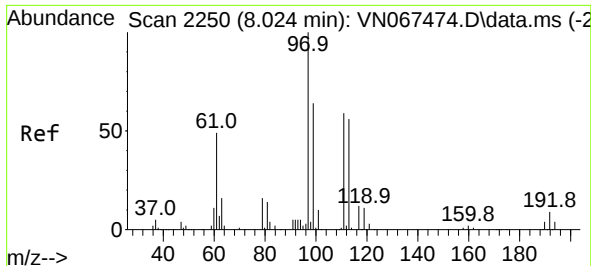
Ion Ratio Lower Upper

114 100

63 26.5 0.0 49.0

88 18.2 0.0 36.6

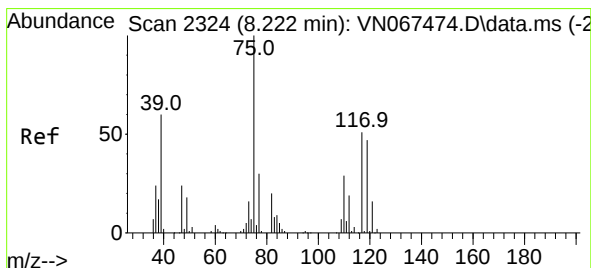
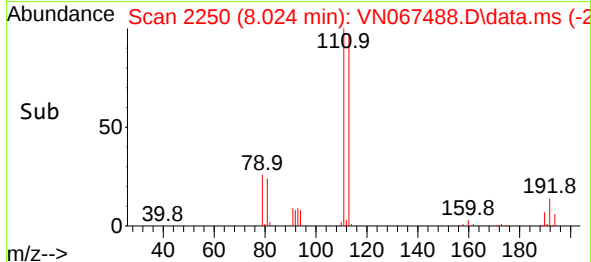
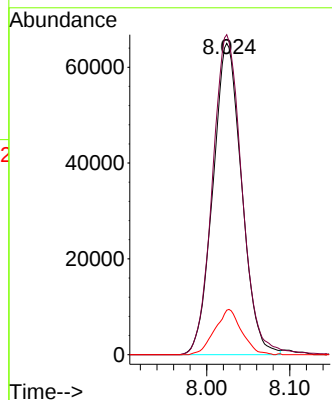
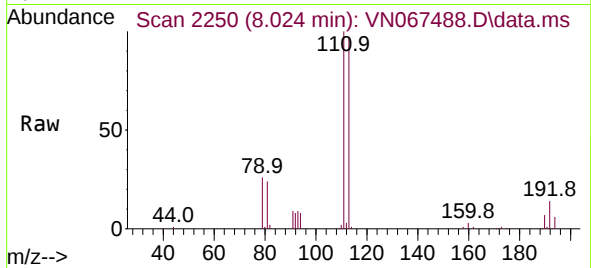




#35
Dibromofluoromethane
Concen: 49.48 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

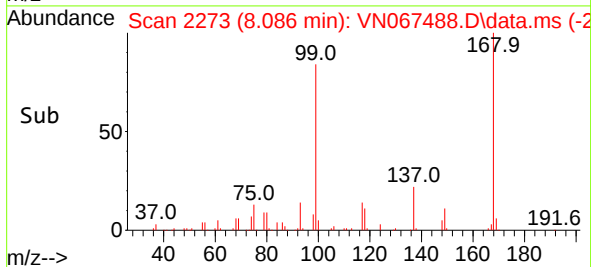
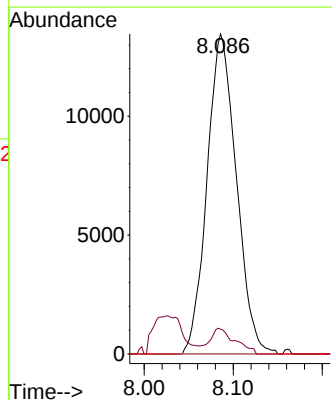
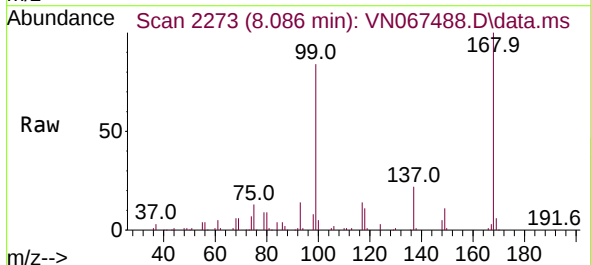
Instrument :
MSVOA_N
ClientSampleId :

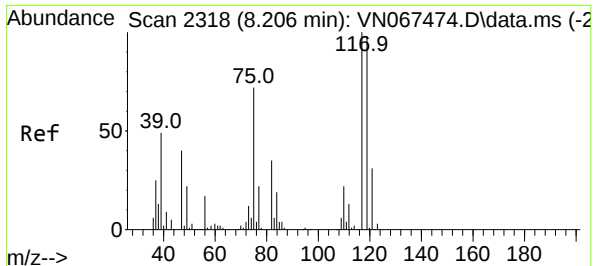
Tgt Ion:113 Resp: 156482
Ion Ratio Lower Upper
113 100
111 105.3 83.8 125.8
192 13.6 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.32 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

Tgt Ion: 75 Resp: 30790
Ion Ratio Lower Upper
75 100
110 6.8 15.7 47.0#
77 0.0 24.6 37.0#

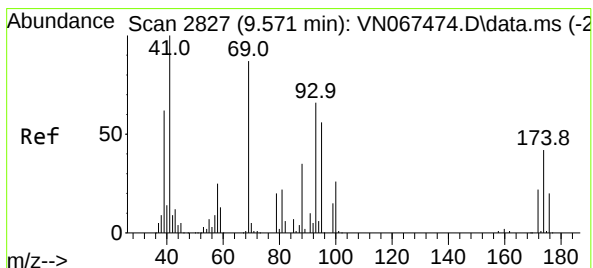
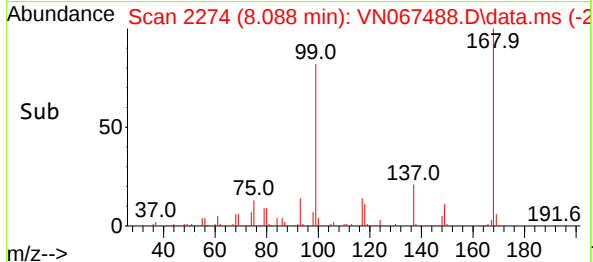
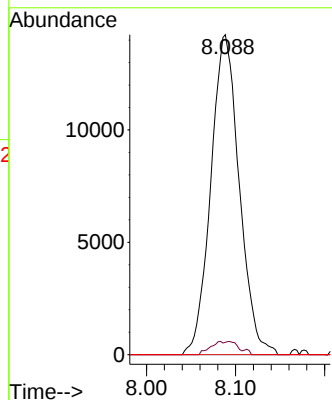
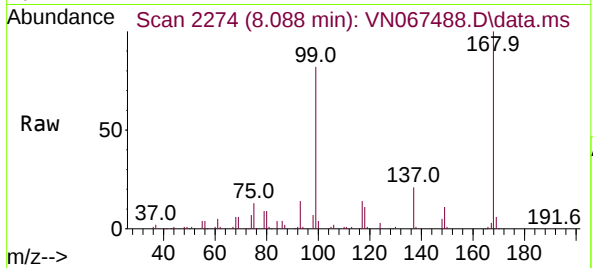




#38
Carbon Tetrachloride
Concen: 6.43 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

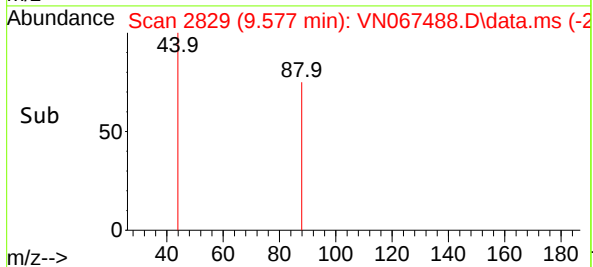
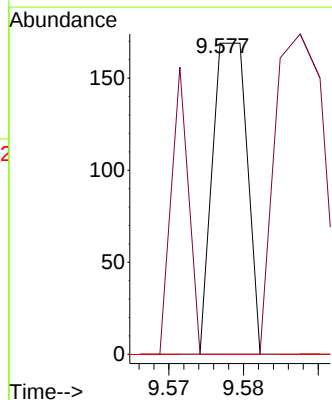
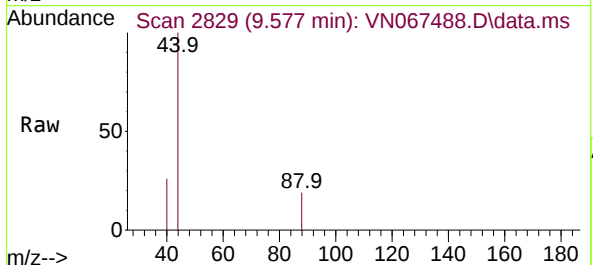
Instrument :
MSVOA_N
ClientSampled :

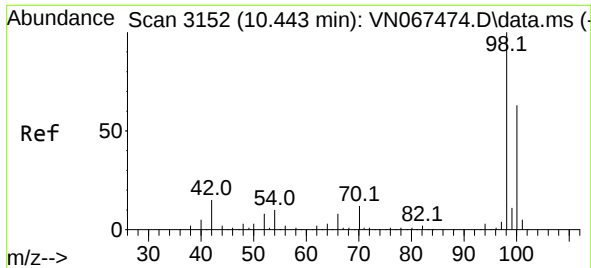
Tgt Ion:117 Resp: 31664
Ion Ratio Lower Upper
117 100
119 3.9 75.4 113.2#
121 0.0 23.5 35.3#



#49
1,4-Dioxane
Concen: 0.83 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.006 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 46.3 28.8 43.2#
58 0.0 60.4 90.6#

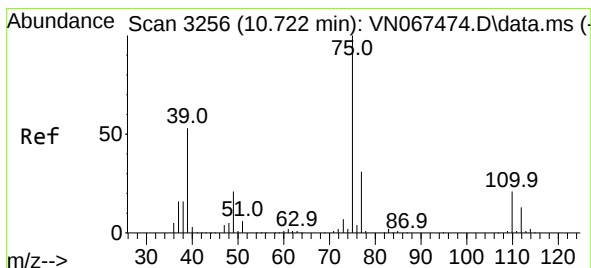
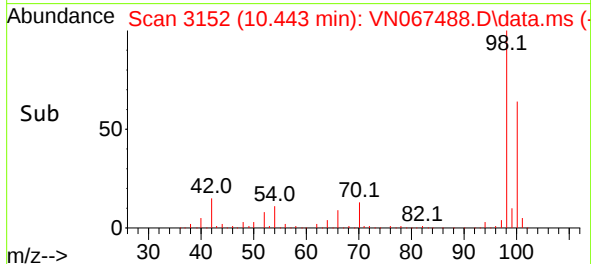
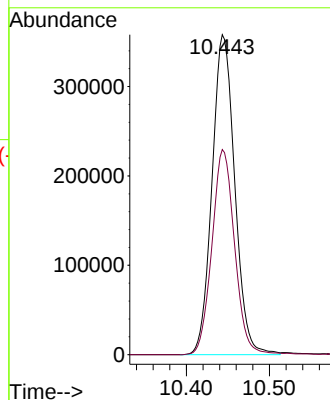
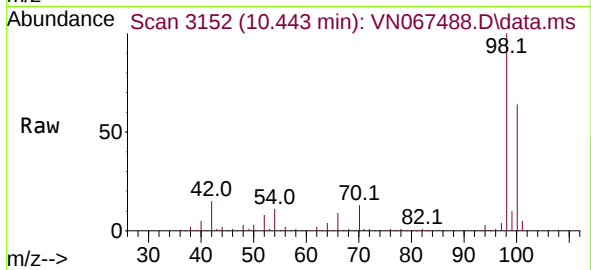




#50
Toluene-d8
Concen: 50.45 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

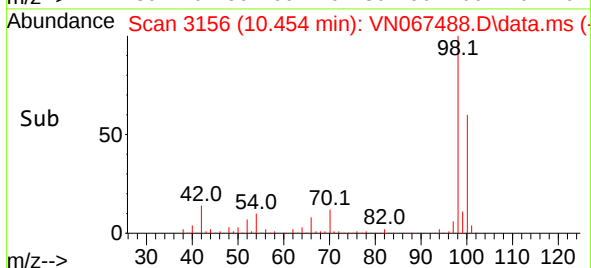
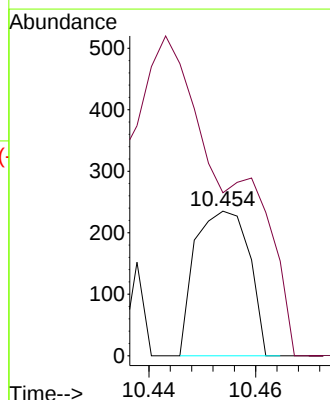
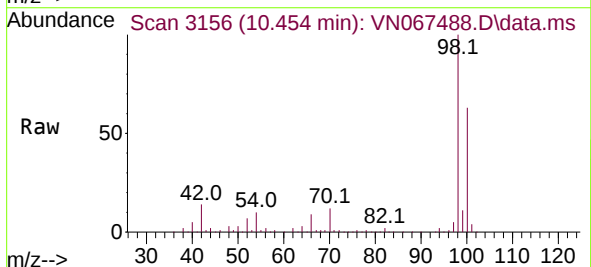
Instrument :
MSVOA_N
ClientSampled :

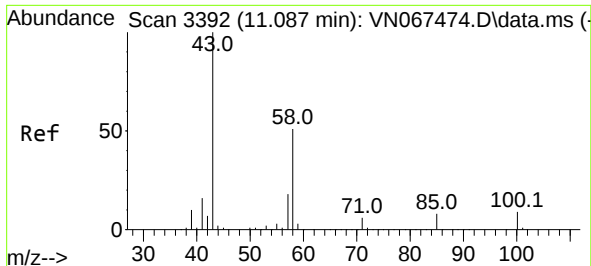
Tgt Ion: 98 Resp: 680551
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#53
t-1,3-Dichloropropene
Concen: 2.02 ug/l
RT: 10.454 min Scan# 3156
Delta R.T. -0.268 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

Tgt Ion: 75 Resp: 165
Ion Ratio Lower Upper
75 100
77 47.2 25.1 37.7#

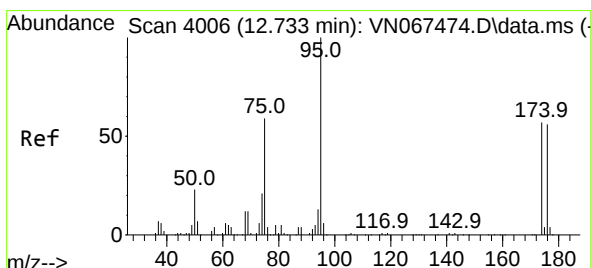
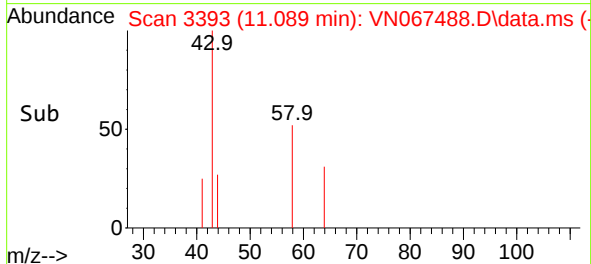
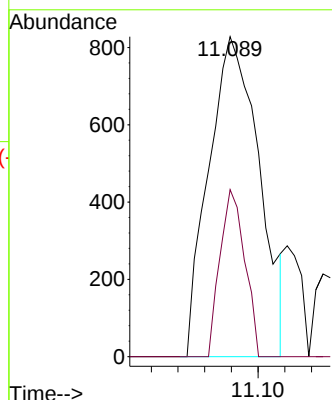
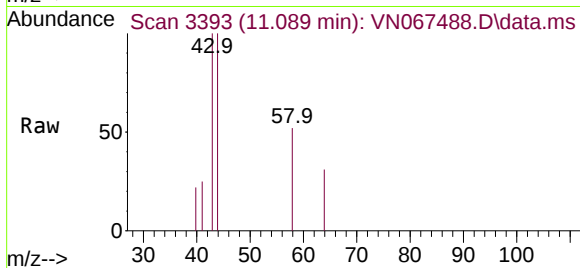




#59
2-Hexanone
Concen: 0.25 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

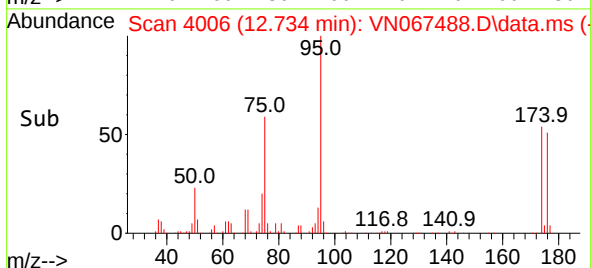
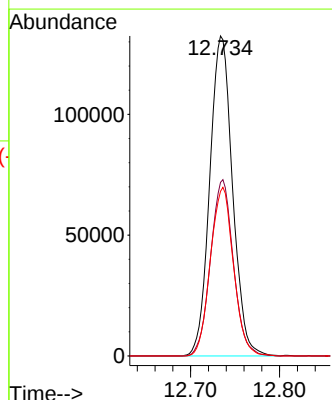
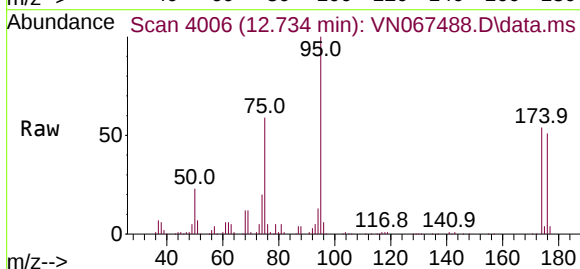
Instrument :
MSVOA_N
ClientSampled :

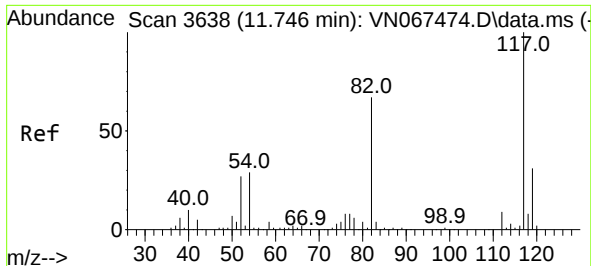
Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
58 25.5 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 49.06 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

Tgt Ion: 95 Resp: 235790
Ion Ratio Lower Upper
95 100
174 55.1 0.0 122.0
176 53.4 0.0 117.6

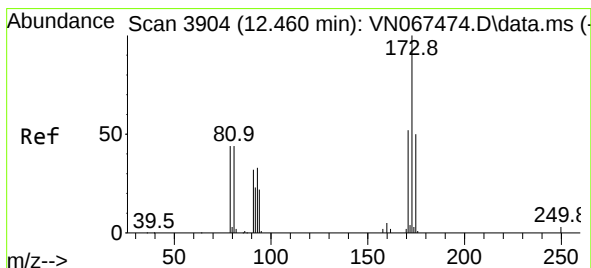
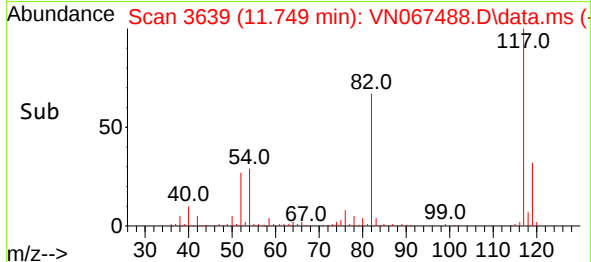
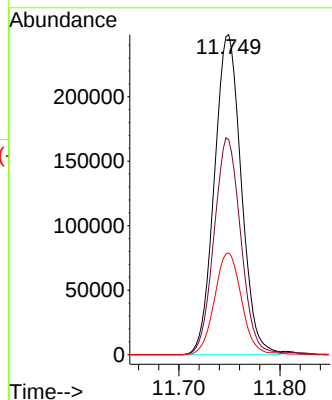
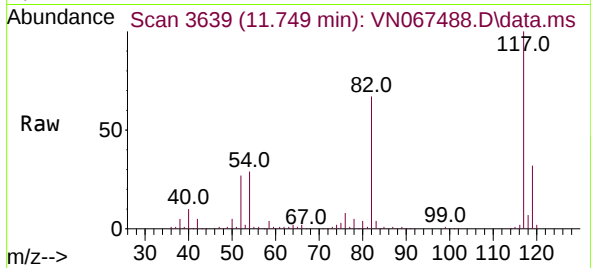




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

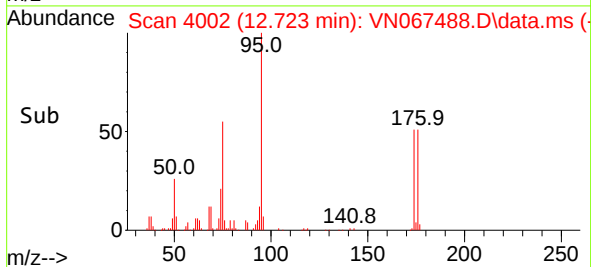
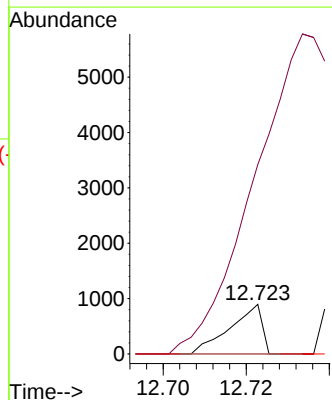
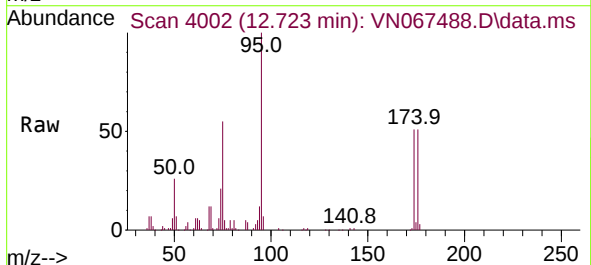
Instrument :
MSVOA_N
ClientSampled :

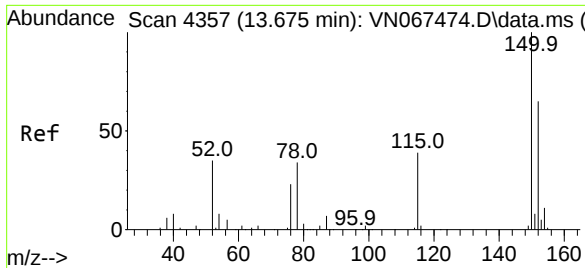
Tgt Ion:117 Resp: 458452
Ion Ratio Lower Upper
117 100
82 67.2 53.1 79.7
119 31.8 25.5 38.3



#71
Bromoform
Concen: 2.84 ug/l
RT: 12.723 min Scan# 4002
Delta R.T. 0.263 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

Tgt Ion:173 Resp: 480
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0

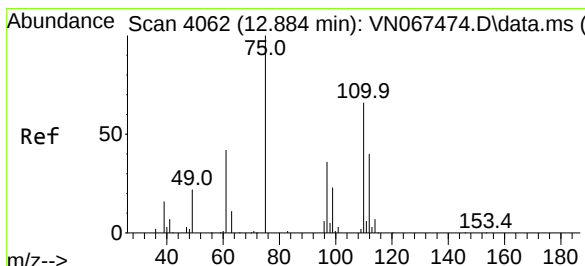
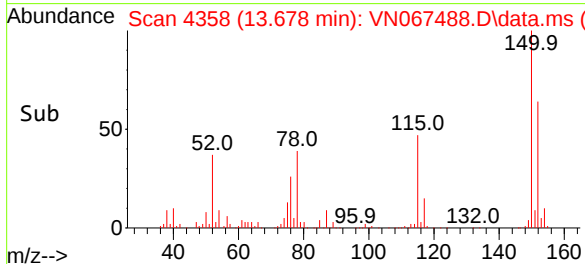
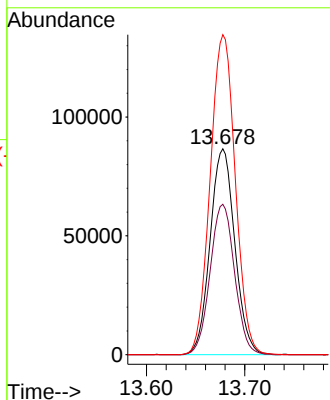
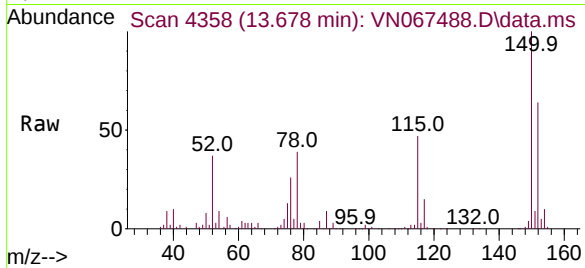




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

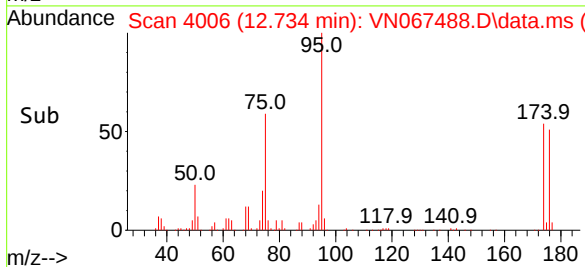
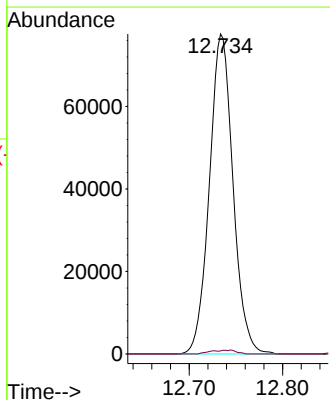
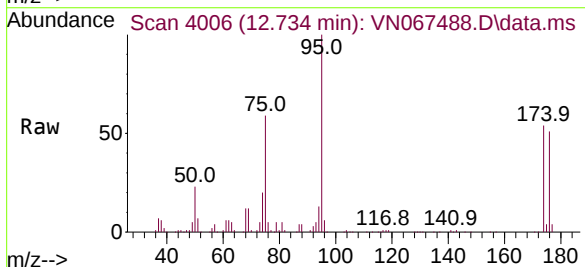
Instrument :
MSVOA_N
ClientSampled :

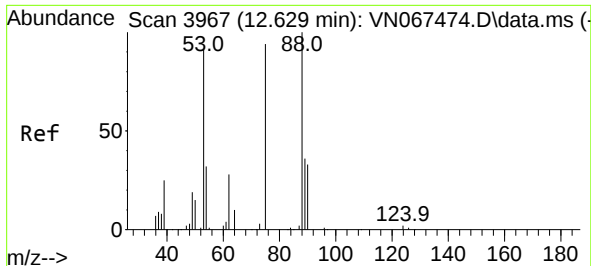
Tgt Ion:152 Resp: 151511
Ion Ratio Lower Upper
152 100
115 72.3 36.1 108.5
150 157.7 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 30.57 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

Tgt Ion: 75 Resp: 136305
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#

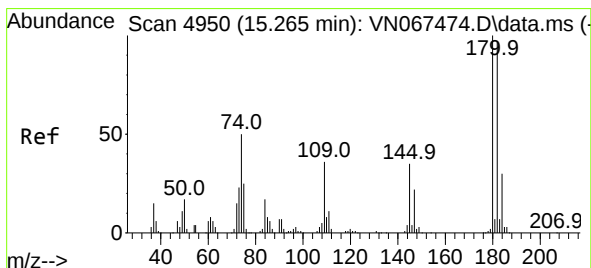
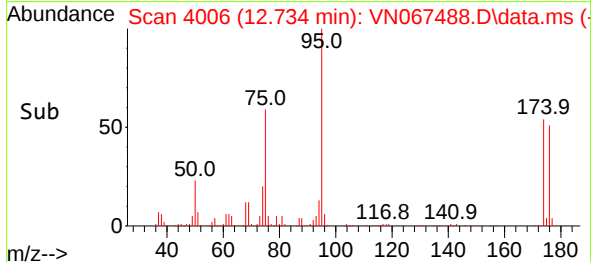
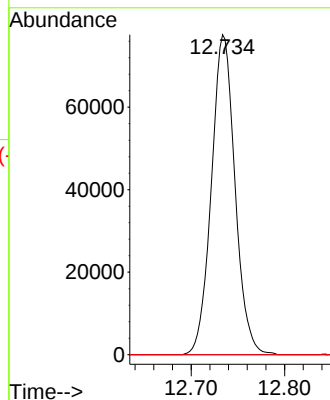
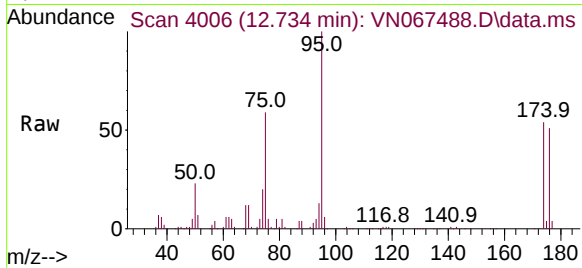




#81
trans-1,4-Dichloro-2-butene
Concen: 83.64 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

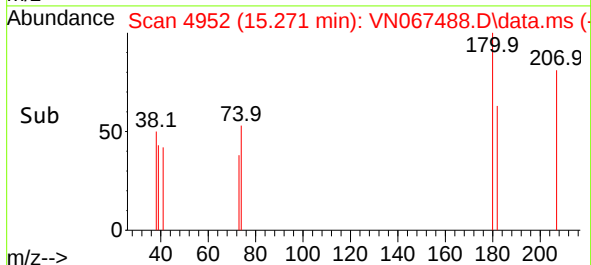
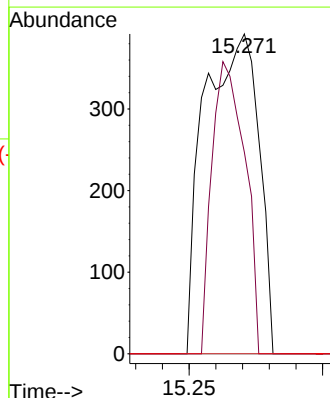
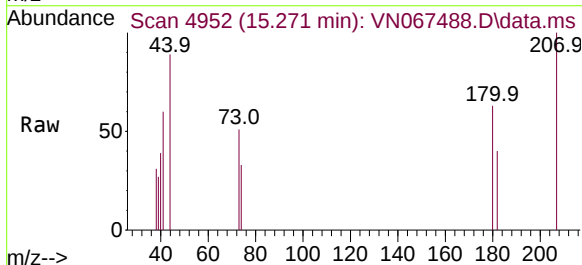
Instrument :
MSVOA_N
ClientSampled :

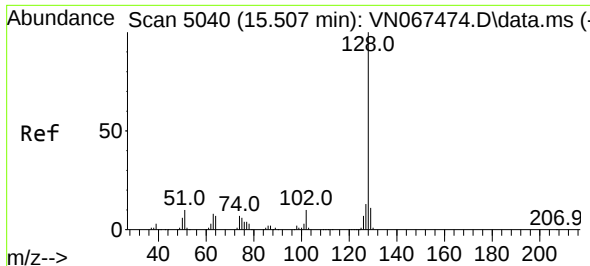
Tgt Ion: 75 Resp: 136305
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.54 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

Tgt Ion:180 Resp: 554
Ion Ratio Lower Upper
180 100
182 55.2 47.5 142.5
145 0.0 17.2 51.6#

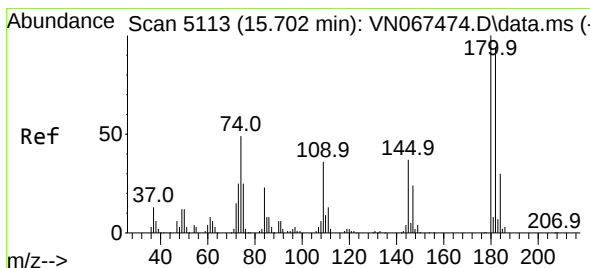
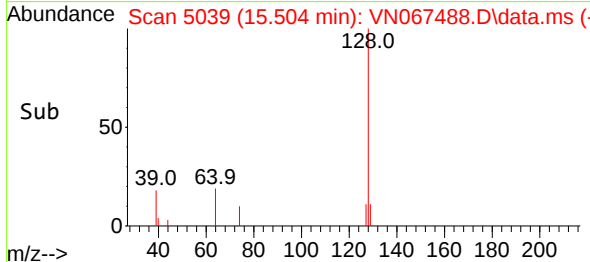
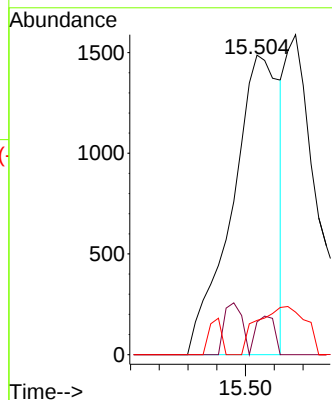
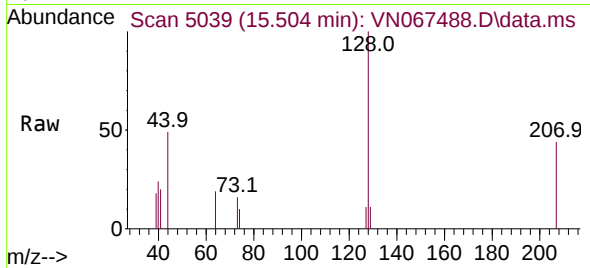




#95
Naphthalene
Concen: 3.53 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 1712
Ion Ratio Lower Upper
128 100
127 5.0 10.6 15.8#
129 16.2 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.62 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.006 min
Lab File: VN067488.D
Acq: 24 Jun 2021 17:19

Tgt Ion:180 Resp: 244
Ion Ratio Lower Upper
180 100
182 209.0 47.8 143.3#
145 0.0 18.2 54.6#

