

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050821\
 Data File : VN067054.D
 Acq On : 7 May 2021 16:28
 Operator : JC/MD
 Sample : M2296-01
 Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 16:59:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

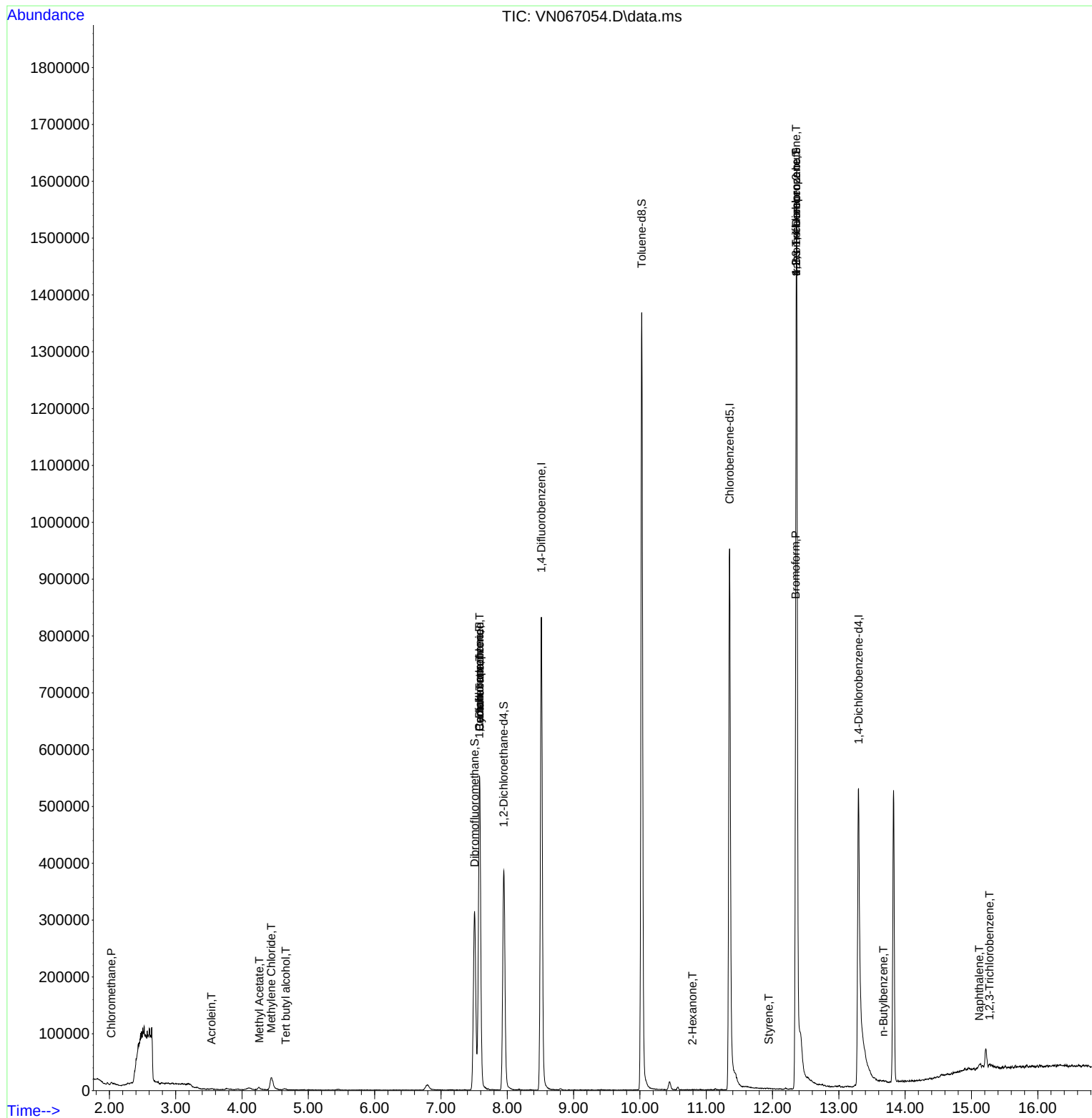
Internal Standards						
1) Pentafluorobenzene	7.581	168	420211	50.00	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.515	114	708427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.352	117	594706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.297	152	248769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	352456	53.29	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.58%			
35) Dibromofluoromethane	7.506	113	246356	51.21	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.42%			
50) Toluene-d8	10.027	98	950325	51.87	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.74%			
62) 4-Bromofluorobenzene	12.355	95	254547	41.03	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 82.06%			
Target Compounds						Qvalue
3) Chloromethane	2.030	50	1845	0.23	ug/l #	83
11) Tert butyl alcohol	4.661	59	318	0.34	ug/l #	73
13) Acrolein	3.537	56	456	0.59	ug/l #	38
18) Methyl Acetate	4.261	43	7876	1.18	ug/l #	79
20) Methylene Chloride	4.441	84	18363	3.11	ug/l	96
31) Cyclohexane	7.581	56	9977	1.07	ug/l #	1
36) 1,1-Dichloropropene	7.579	75	37539	5.09	ug/l #	49
38) Carbon Tetrachloride	7.581	117	45521	5.92	ug/l #	18
59) 2-Hexanone	10.792	43	55	28.37	ug/l #	23
70) Styrene	11.942	104	56	4.71	ug/l #	43
71) Bromoform	12.347	173	829	0.23	ug/l #	29
76) 1,2,3-Trichloropropane	12.355	75	158250	26.70	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.355	75	158250	79.98	ug/l #	15
89) n-Butylbenzene	13.672	91	321	5.26	ug/l	82
95) Naphthalene	15.118	128	7264	0.66	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.271	180	1032	0.25	ug/l	88

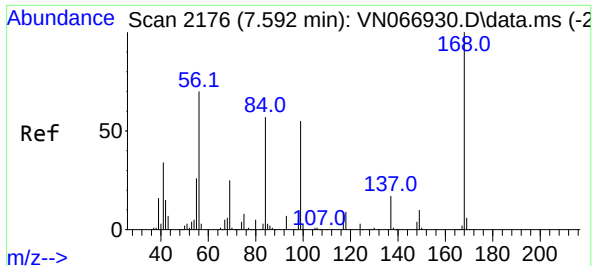
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
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Quant Time: May 07 16:59:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
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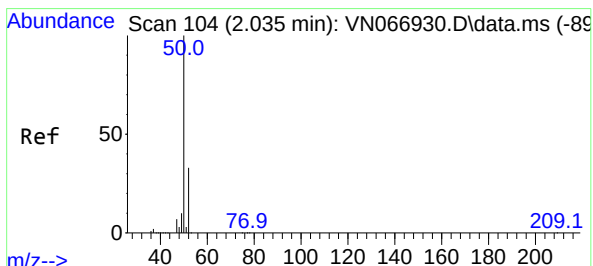
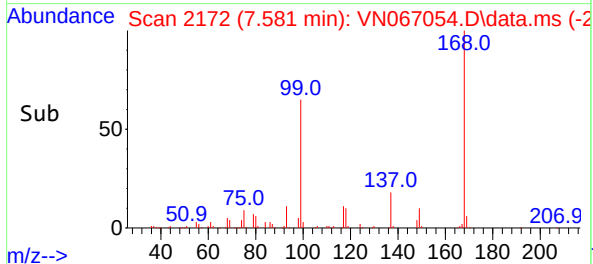
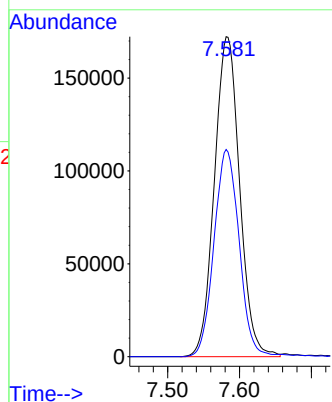
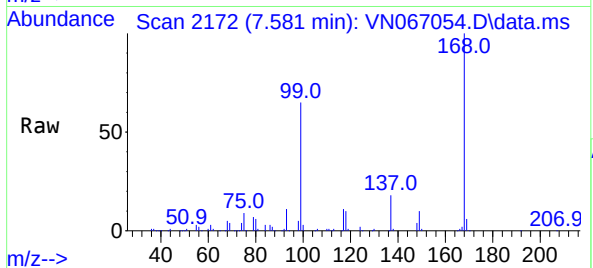




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.581 min Scan# 2172
Delta R.T. -0.011 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

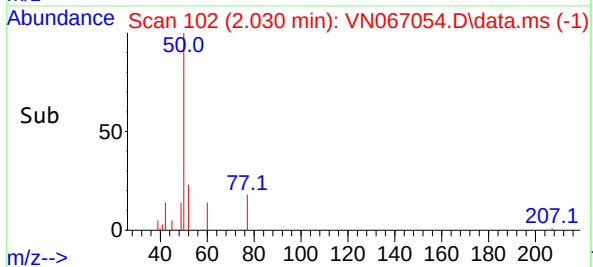
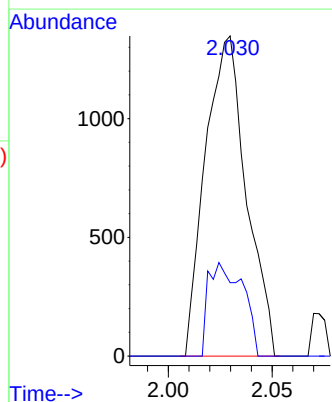
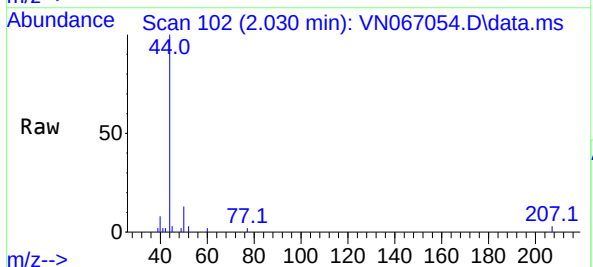
Instrument :
MSVOA_N
ClientSampleId :

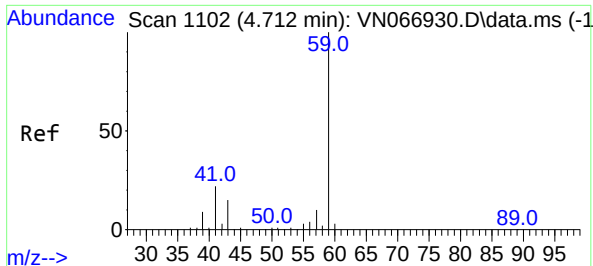
Tgt Ion:168 Resp: 420211
Ion Ratio Lower Upper
168 100
99 64.7 42.6 63.8#



#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.030 min Scan# 102
Delta R.T. -0.005 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

Tgt Ion: 50 Resp: 1845
Ion Ratio Lower Upper
50 100
52 22.9 25.8 38.8#



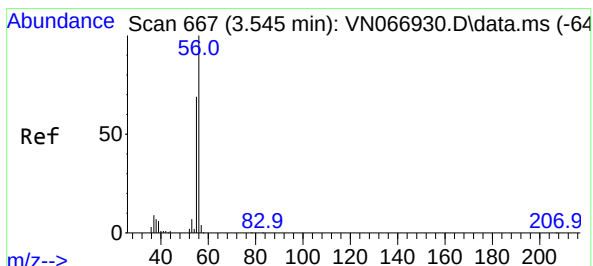
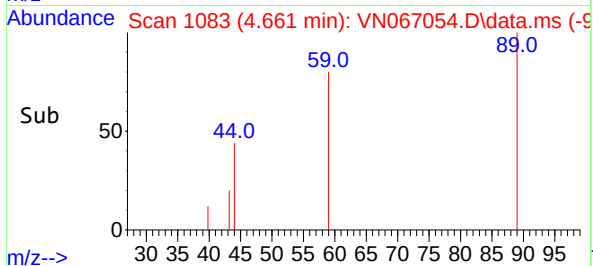
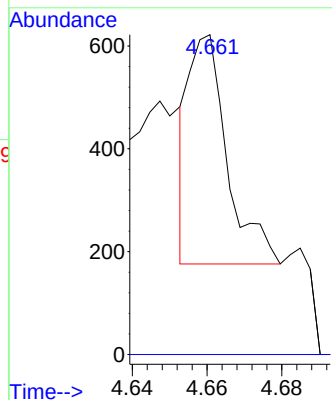
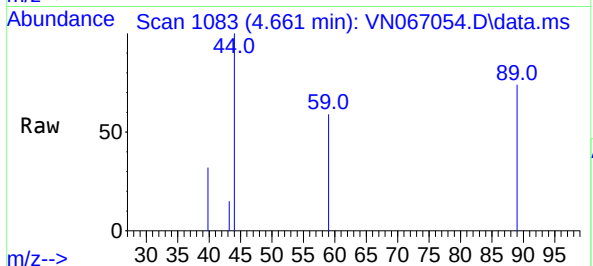


#11

Tert butyl alcohol
Concen: 0.34 ug/l
RT: 4.661 min Scan# 1083
Delta R.T. -0.051 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

Instrument :
MSVOA_N
ClientSampled :

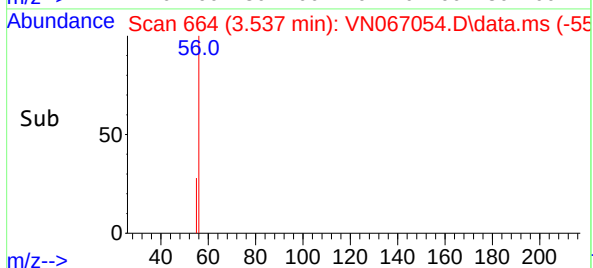
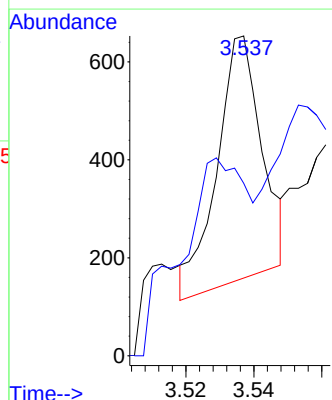
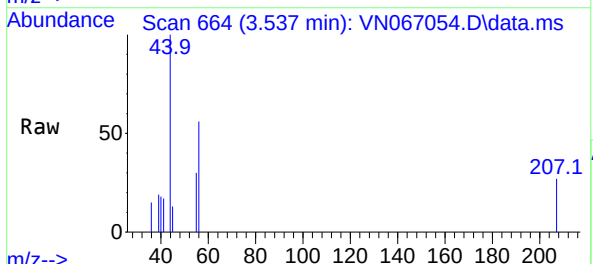
Tgt Ion: 59 Resp: 318
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

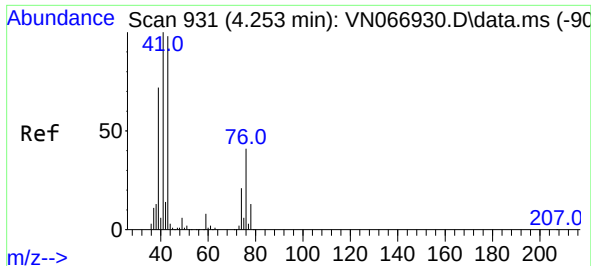


#13

Acrolein
Concen: 0.59 ug/l
RT: 3.537 min Scan# 664
Delta R.T. -0.008 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

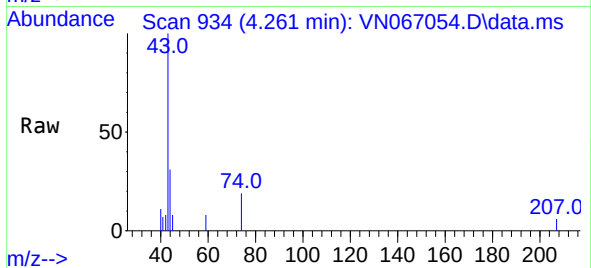
Tgt Ion: 56 Resp: 456
Ion Ratio Lower Upper
56 100
55 121.3 56.0 84.0#



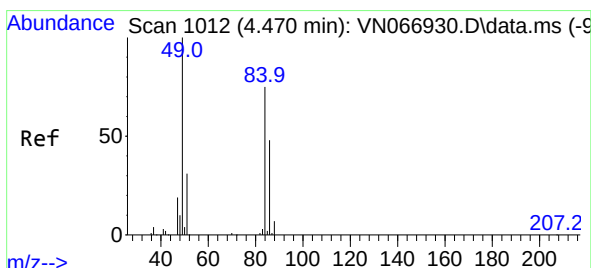
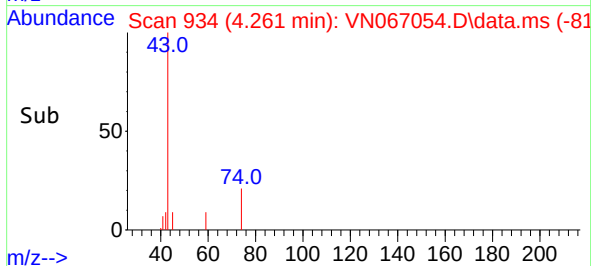
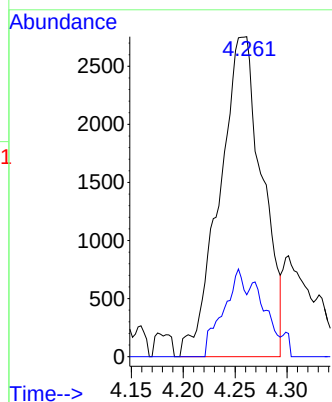


#18
Methyl Acetate
Concen: 1.18 ug/l
RT: 4.261 min Scan# 934
Delta R.T. 0.008 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

Instrument :
MSVOA_N
ClientSampled :

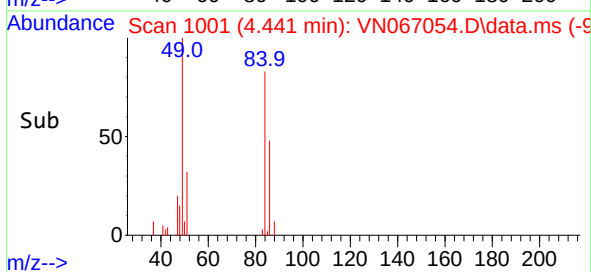
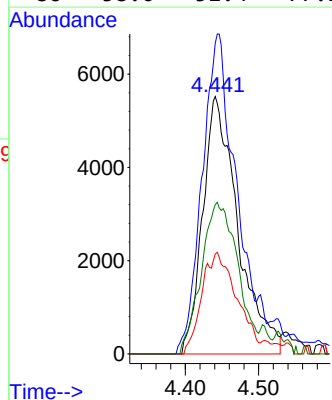
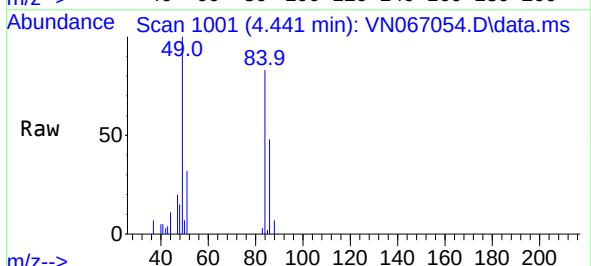


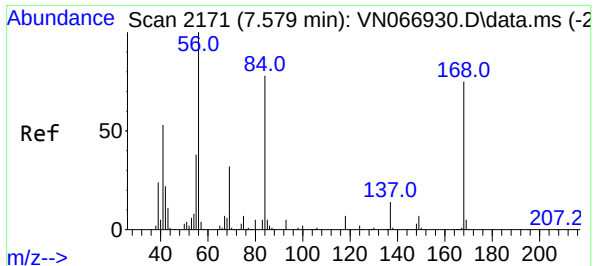
Tgt Ion: 43 Resp: 7876
Ion Ratio Lower Upper
43 100
74 14.0 19.5 29.3#



#20
Methylene Chloride
Concen: 3.11 ug/l
RT: 4.441 min Scan# 1001
Delta R.T. -0.029 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

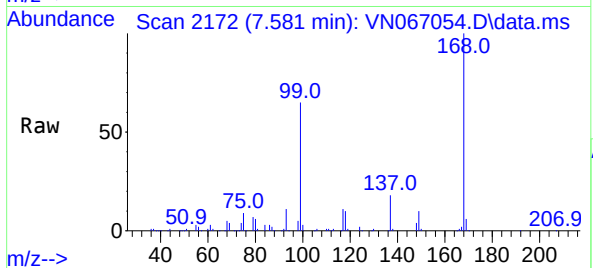
Tgt Ion: 84 Resp: 18363
Ion Ratio Lower Upper
84 100
49 116.5 94.6 141.8
51 38.9 29.9 44.9
86 58.0 51.4 77.2



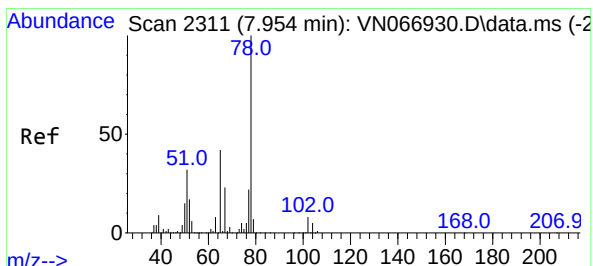
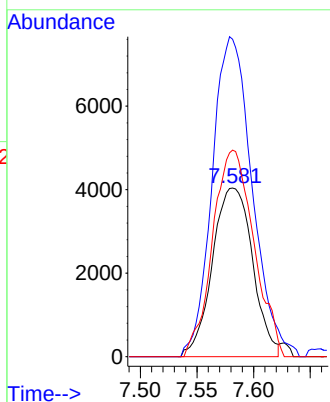
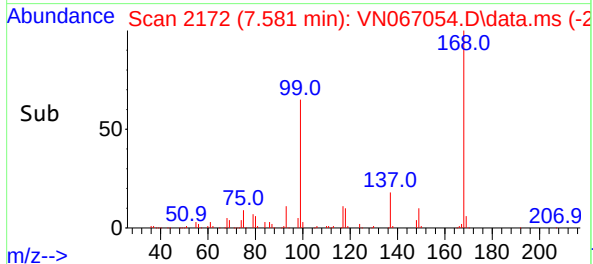


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.581 min Scan# 2172
Delta R.T. 0.002 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

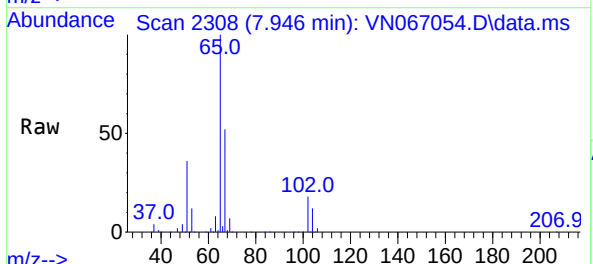
Instrument :
MSVOA_N
ClientSampled :



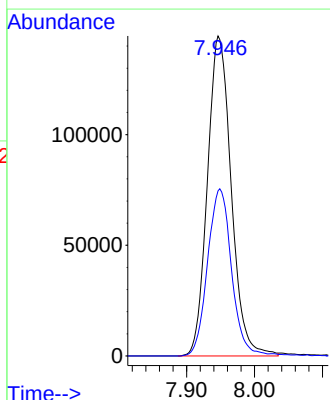
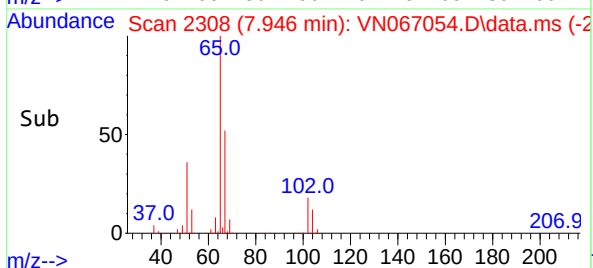
Tgt Ion: 56 Resp: 9977
Ion Ratio Lower Upper
56 100
69 188.3 26.6 39.8#
84 122.6 70.4 105.6#

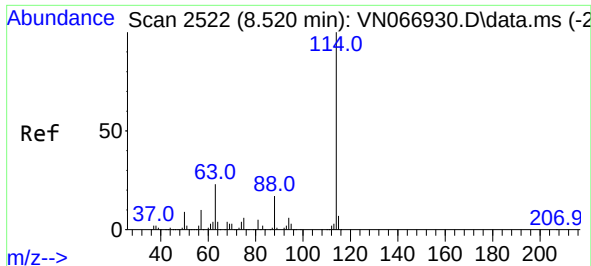


#33
1,2-Dichloroethane-d4
Concen: 53.29 ug/l
RT: 7.946 min Scan# 2308
Delta R.T. -0.008 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28



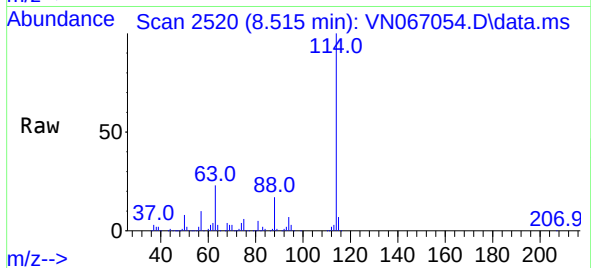
Tgt Ion: 65 Resp: 352456
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.2



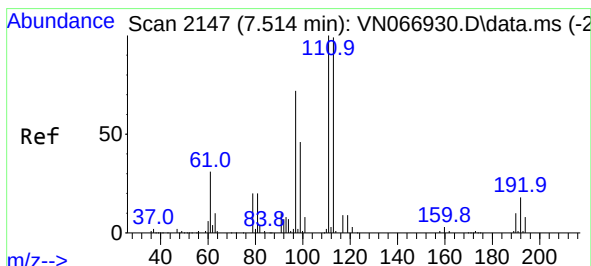
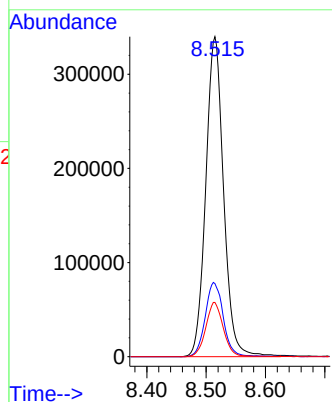
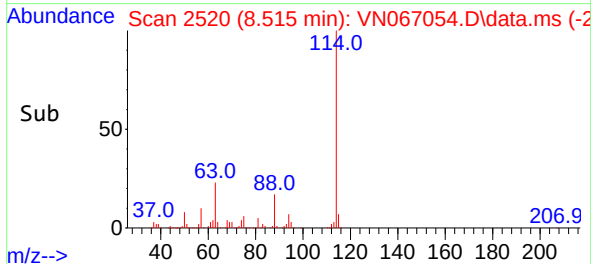


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2520
Delta R.T. -0.005 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

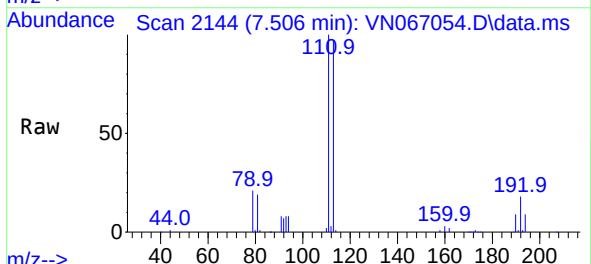
Instrument :
MSVOA_N
ClientSampleId :



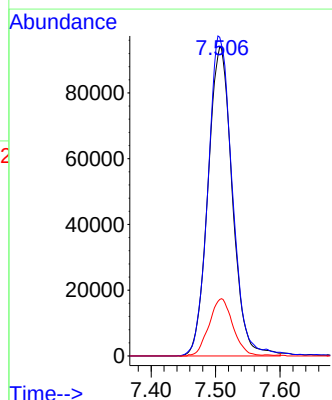
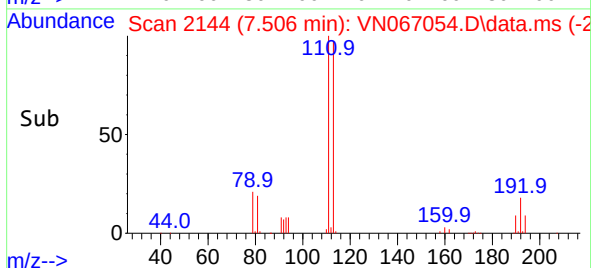
Tgt Ion:114 Resp: 708427
Ion Ratio Lower Upper
114 100
63 22.8 0.0 38.6
88 16.9 0.0 30.6

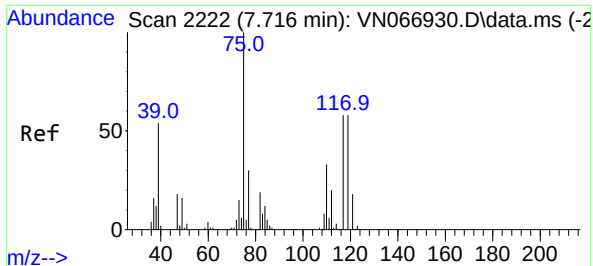


#35
Dibromofluoromethane
Concen: 51.21 ug/l
RT: 7.506 min Scan# 2144
Delta R.T. -0.008 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28



Tgt Ion:113 Resp: 246356
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 18.2 15.4 23.0

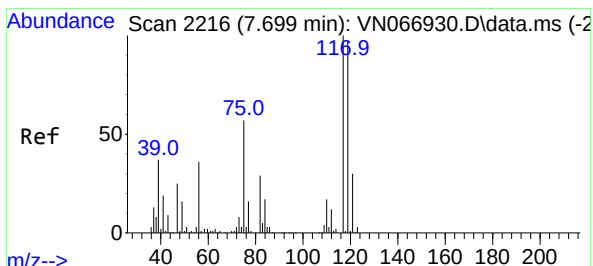
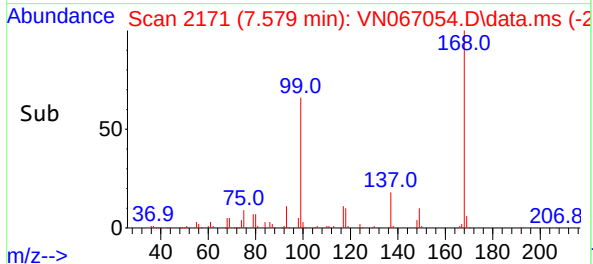
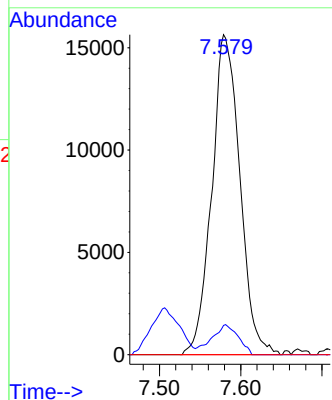
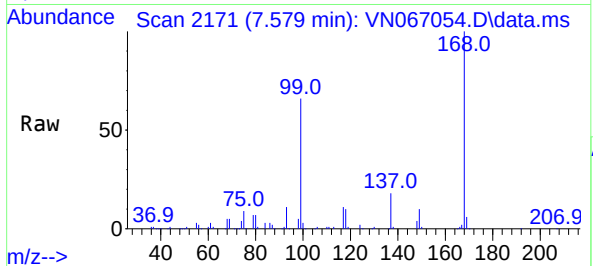




#36
1,1-Dichloropropene
Concen: 5.09 ug/l
RT: 7.579 min Scan# 2171
Delta R.T. -0.137 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

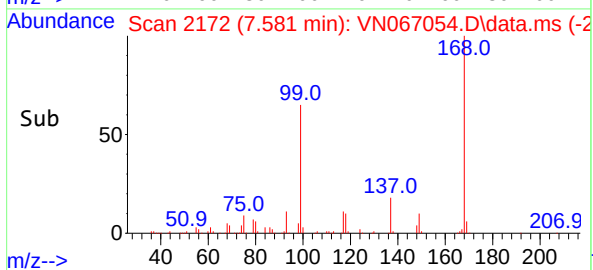
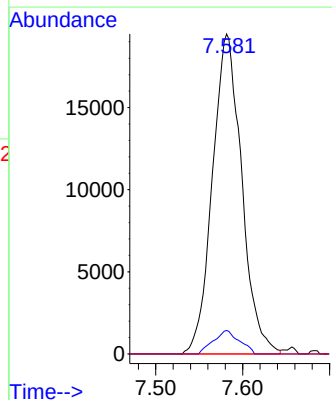
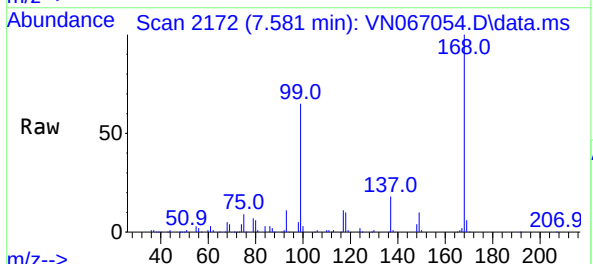
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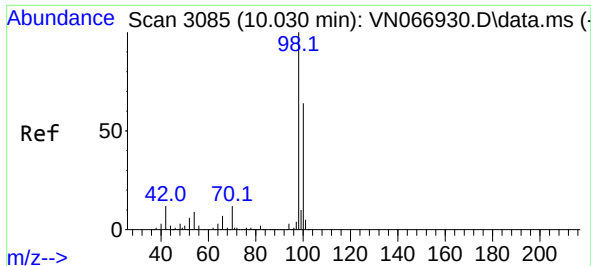
Tgt Ion: 75 Resp: 37539
Ion Ratio Lower Upper
75 100
110 8.9 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.92 ug/l
RT: 7.581 min Scan# 2172
Delta R.T. -0.118 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

Tgt Ion: 117 Resp: 45521
Ion Ratio Lower Upper
117 100
119 7.4 76.0 114.0#
121 0.0 24.5 36.7#

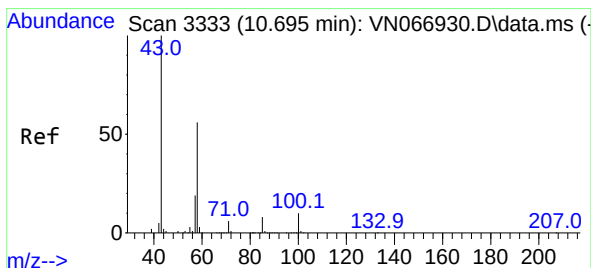
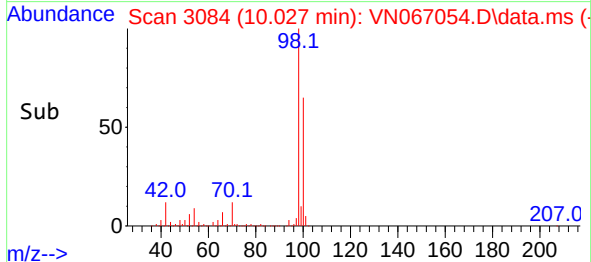
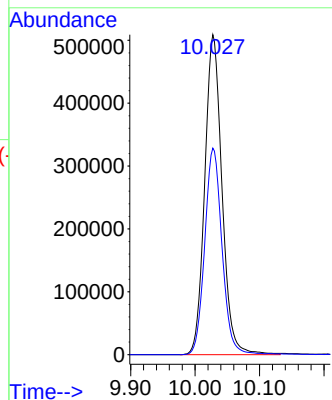
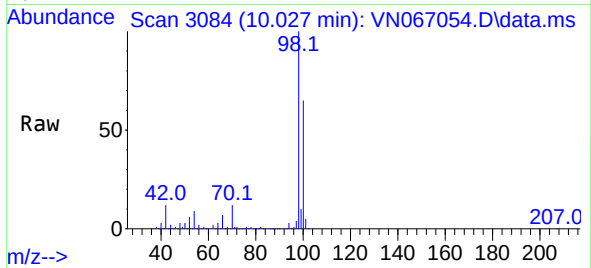




#50
Toluene-d8
Concen: 51.87 ug/l
RT: 10.027 min Scan# 3084
Delta R.T. -0.003 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

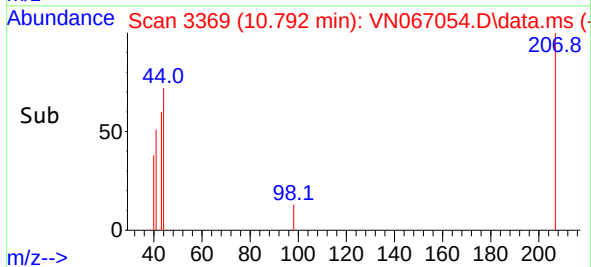
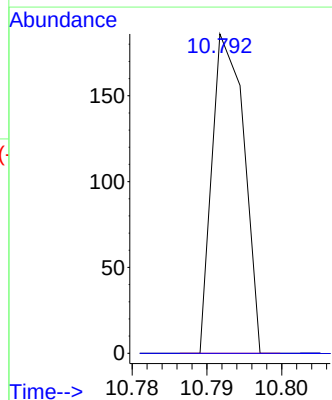
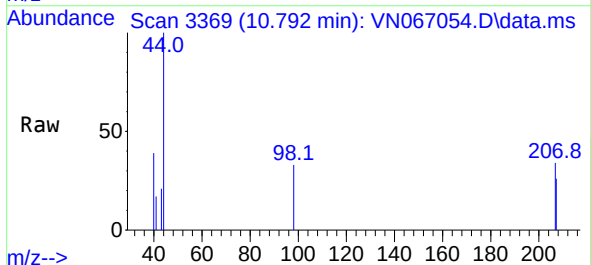
Instrument :
MSVOA_N
ClientSampleId :

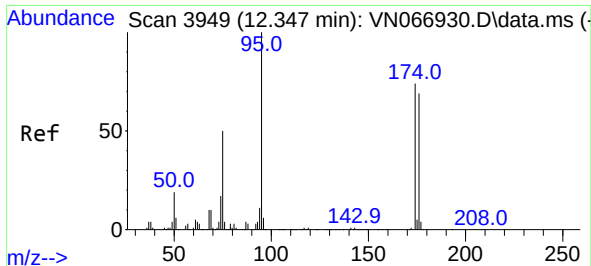
Tgt Ion: 98 Resp: 950325
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7



#59
2-Hexanone
Concen: 28.37 ug/l
RT: 10.792 min Scan# 3369
Delta R.T. 0.097 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

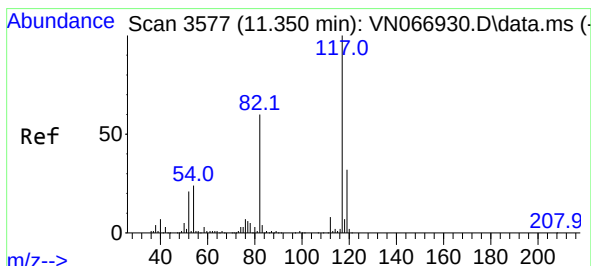
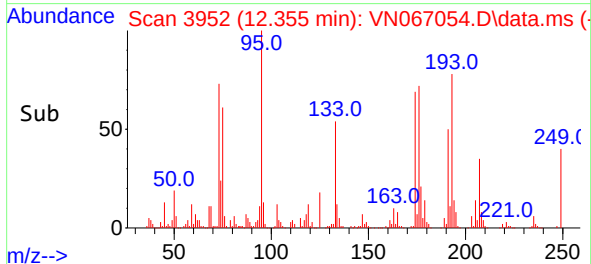
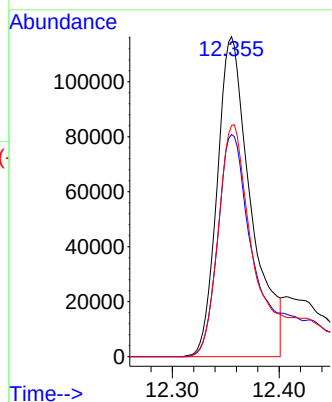
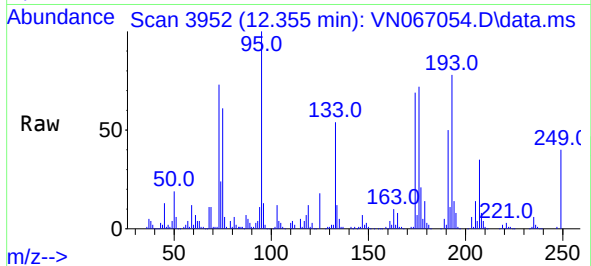




#62
4-Bromofluorobenzene
Concen: 41.03 ug/l
RT: 12.355 min Scan# 3952
Delta R.T. 0.008 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

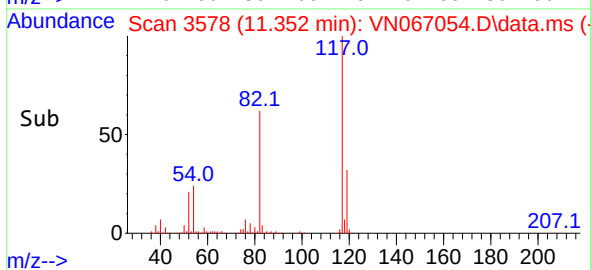
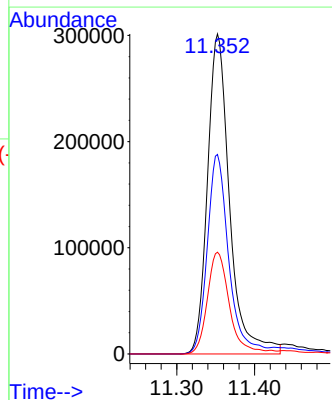
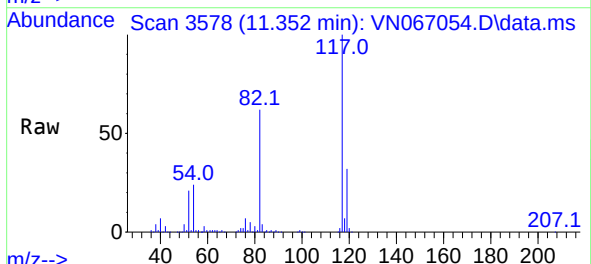
Instrument :
MSVOA_N
ClientSampleId :

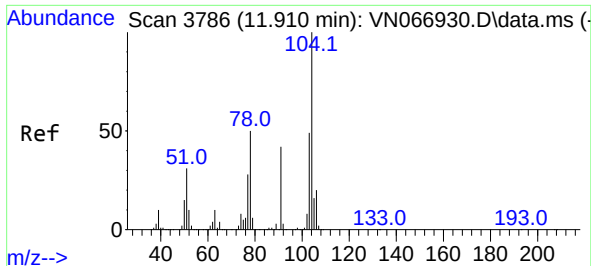
Tgt Ion: 95 Resp: 254547
Ion Ratio Lower Upper
95 100
174 78.1 0.0 169.0
176 93.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.002 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

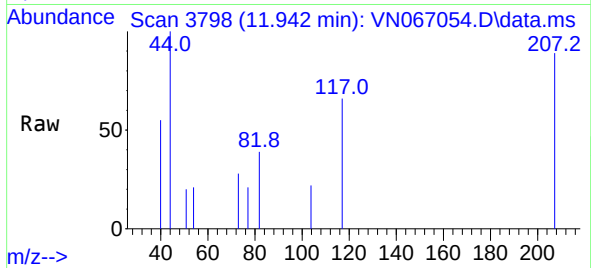
Tgt Ion: 117 Resp: 594706
Ion Ratio Lower Upper
117 100
82 62.3 43.7 65.5
119 31.8 26.1 39.1



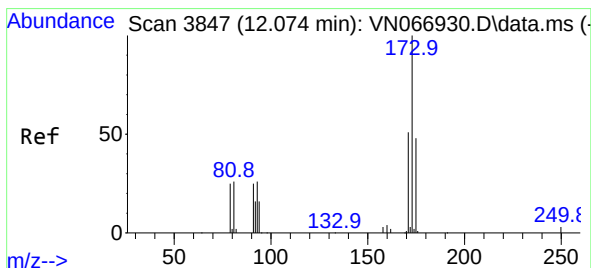
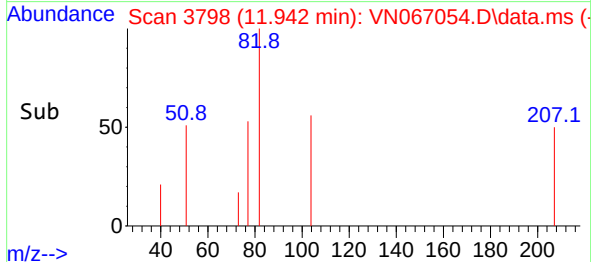
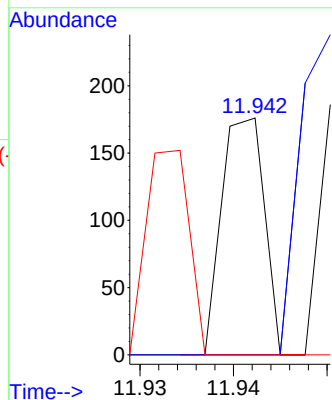


#70
Styrene
Concen: 4.71 ug/l
RT: 11.942 min Scan# 3798
Delta R.T. 0.032 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

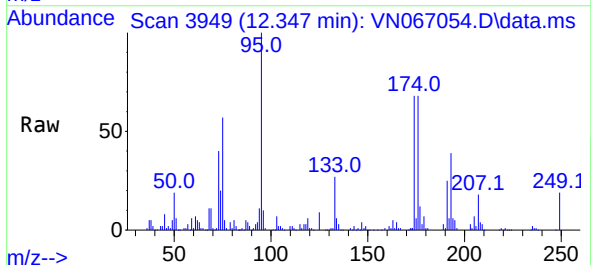
Instrument :
MSVOA_N
ClientSampled :



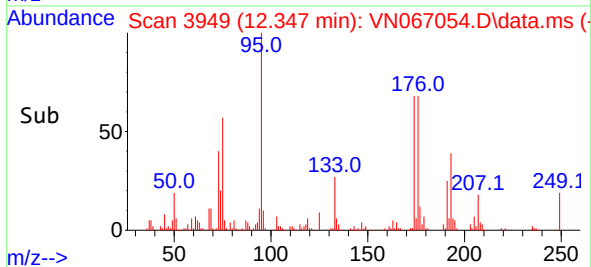
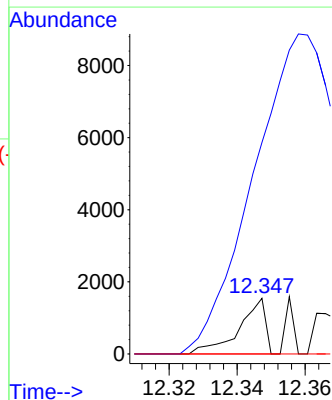
Tgt Ion:104 Resp: 56
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.4#
103 87.5 44.5 66.7#

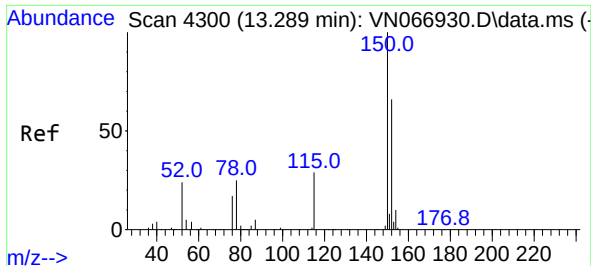


#71
Bromoform
Concen: 0.23 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. 0.273 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28



Tgt Ion:173 Resp: 829
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.2#
254 0.0 0.0 0.0

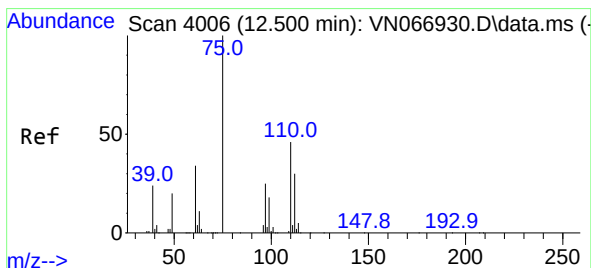
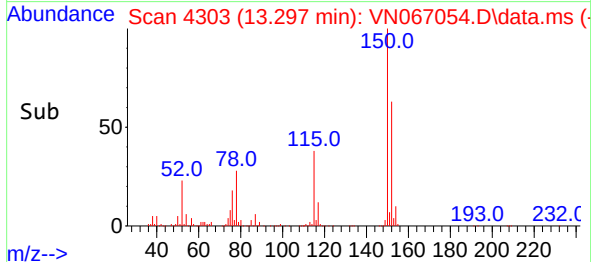
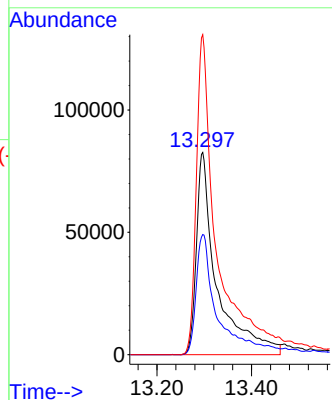
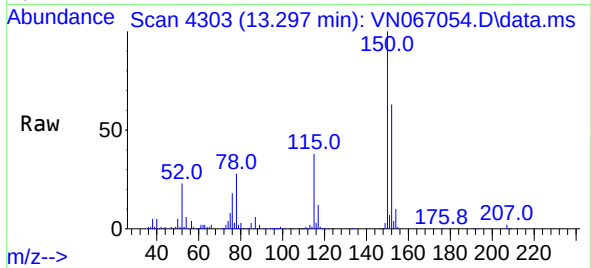




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.297 min Scan# 4303
Delta R.T. 0.008 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

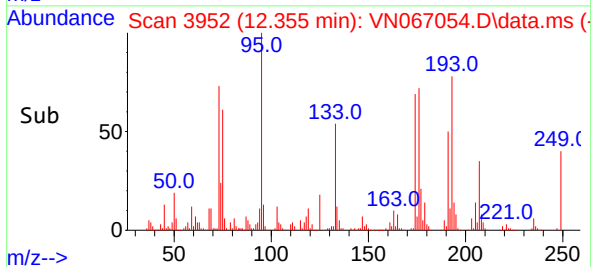
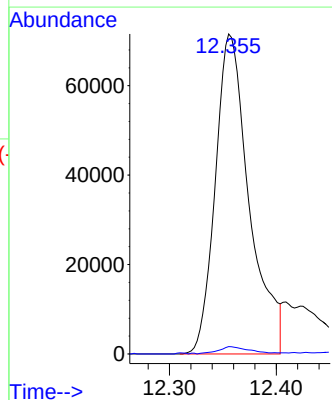
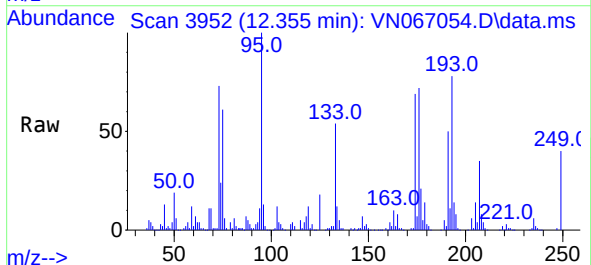
Instrument :
MSVOA_N
ClientSampled :

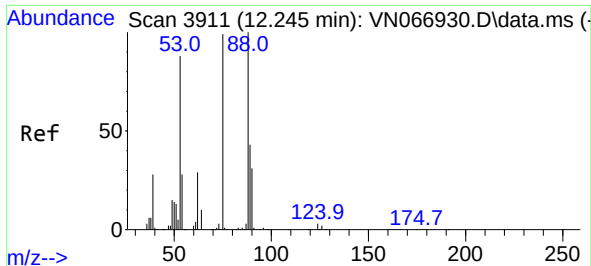
Tgt Ion:152 Resp: 248769
Ion Ratio Lower Upper
152 100
115 54.9 28.5 85.6
150 156.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 26.70 ug/l
RT: 12.355 min Scan# 3952
Delta R.T. -0.145 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

Tgt Ion: 75 Resp: 158250
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#

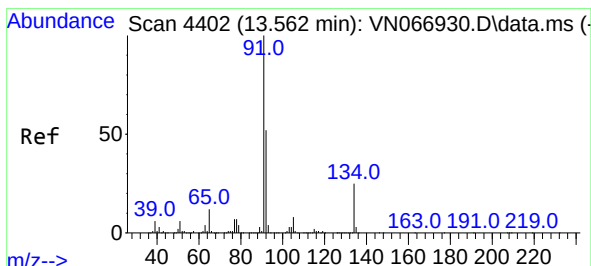
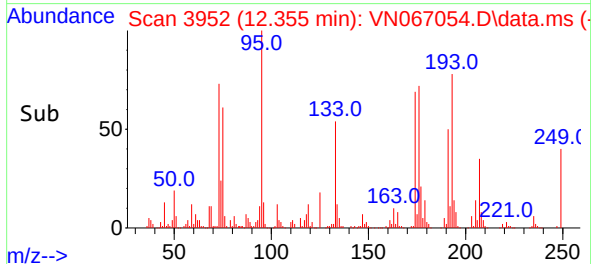
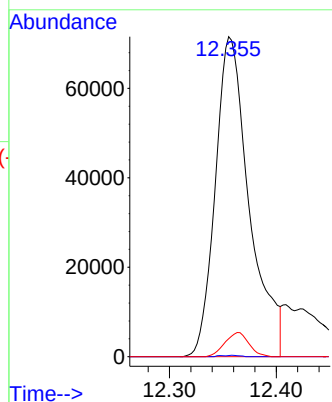
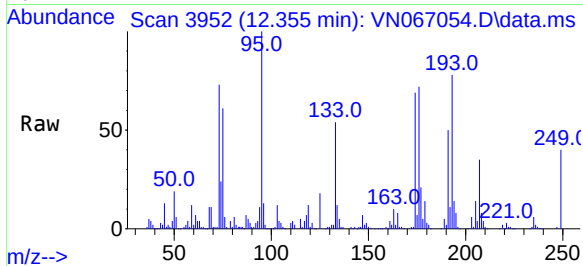




#81
trans-1,4-Dichloro-2-butene
Concen: 79.98 ug/l
RT: 12.355 min Scan# 3952
Delta R.T. 0.110 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

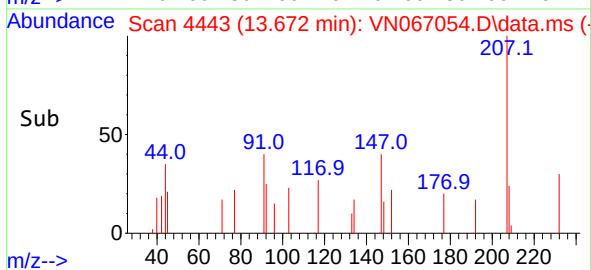
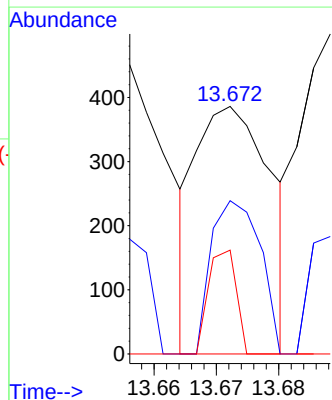
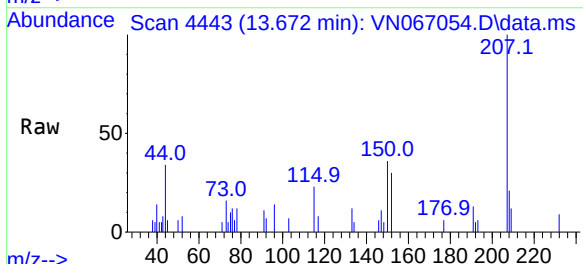
Instrument :
MSVOA_N
ClientSampleId :

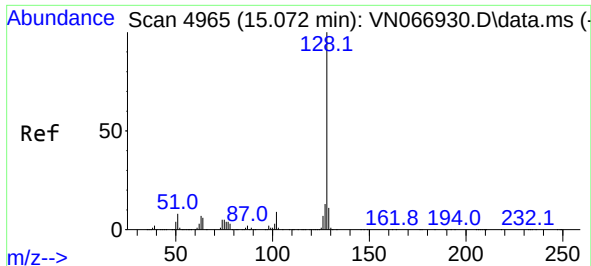
Tgt Ion: 75 Resp: 158250
Ion Ratio Lower Upper
75 100
53 0.1 74.6 111.8#
89 5.3 35.8 53.8#



#89
n-Butylbenzene
Concen: 5.26 ug/l
RT: 13.672 min Scan# 4443
Delta R.T. 0.110 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

Tgt Ion: 91 Resp: 321
Ion Ratio Lower Upper
91 100
92 40.8 26.1 78.3
134 15.6 13.0 38.9

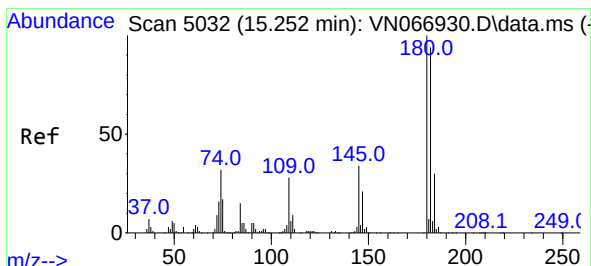
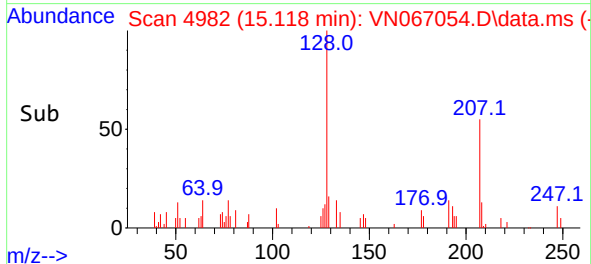
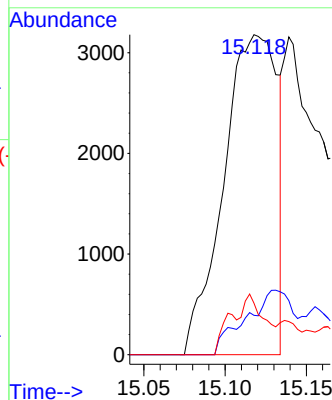
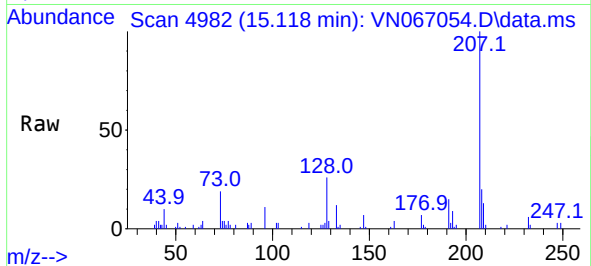




#95
Naphthalene
Concen: 0.66 ug/l
RT: 15.118 min Scan# 4982
Delta R.T. 0.046 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 7264
Ion Ratio Lower Upper
128 100
127 17.5 10.2 15.2#
129 4.3 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.25 ug/l
RT: 15.271 min Scan# 5039
Delta R.T. 0.019 min
Lab File: VN067054.D
Acq: 7 May 2021 16:28

Tgt Ion:180 Resp: 1032
Ion Ratio Lower Upper
180 100
182 85.8 47.4 142.3
145 23.1 16.5 49.5

