

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063021\
 Data File : VN067572.D
 Acq On : 30 Jun 2021 13:47
 Operator : JC/MD
 Sample : VN0630WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 30 15:39:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

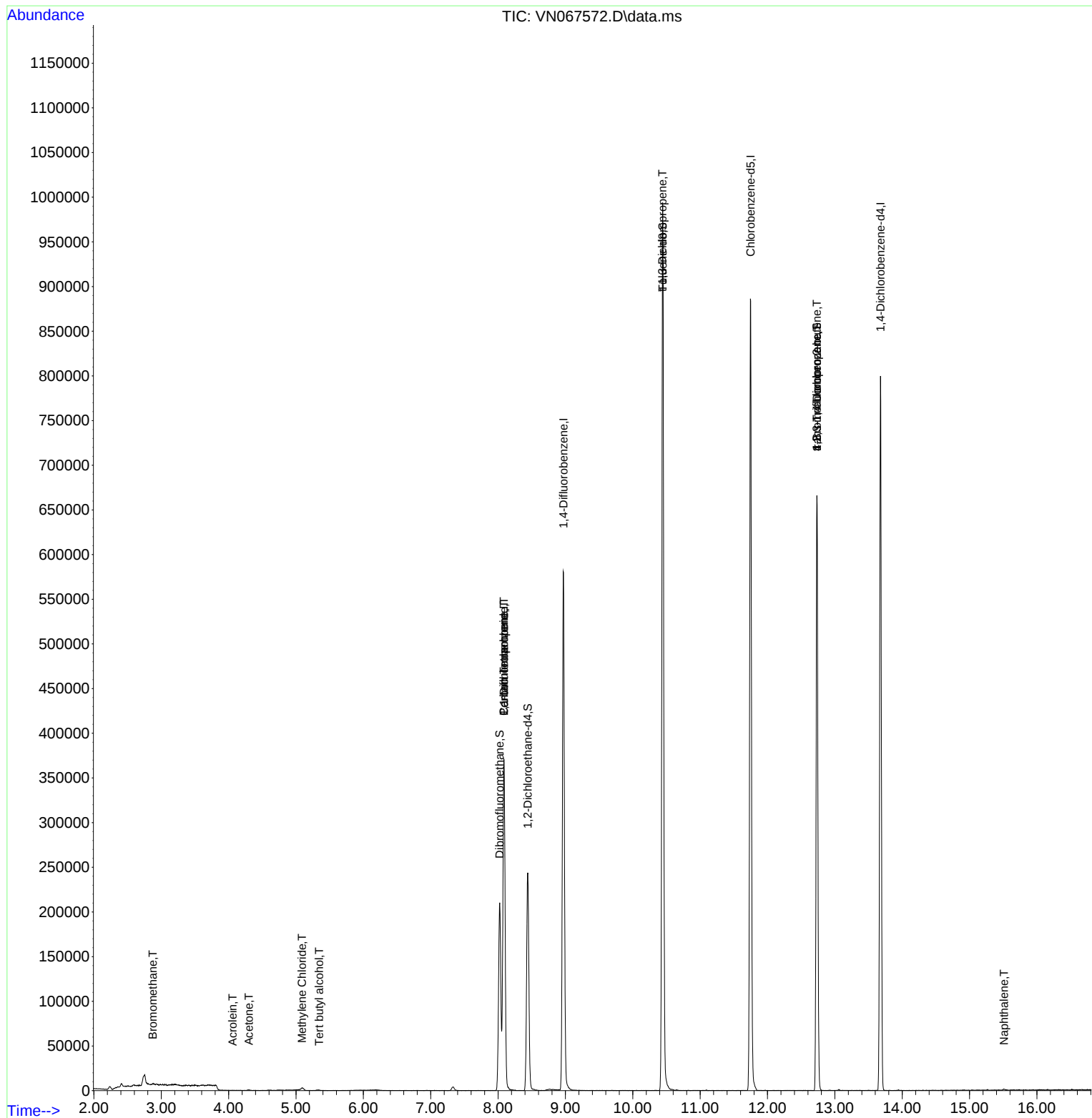
Internal Standards						
1) Pentafluorobenzene	8.088	168	266372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	502291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	495823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	197144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	204898	56.205	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.400%			
35) Dibromofluoromethane	8.024	113	147495	47.362	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.720%			
50) Toluene-d8	10.443	98	693429	54.814	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.620%			
62) 4-Bromofluorobenzene	12.734	95	224905	50.897	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.800%			
Target Compounds			Qvalue			
5) Bromomethane	2.875	94	783	0.239	ug/l	96
11) Tert butyl alcohol	5.345	59	225	0.413	ug/l #	71
13) Acrolein	4.060	56	51	2.368	ug/l #	14
16) Acetone	4.299	43	1613	1.341	ug/l #	48
20) Methylene Chloride	5.090	84	1443	0.253	ug/l #	67
31) Cyclohexane	8.086	56	7732	Below Cal	#	36
36) 1,1-Dichloropropene	8.088	75	24495	5.402	ug/l #	52
38) Carbon Tetrachloride	8.088	117	30302	6.238	ug/l #	16
53) t-1,3-Dichloropropene	10.441	75	25	2.260	ug/l #	71
76) 1,2,3-Trichloropropane	12.734	75	132000	33.405	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	132000	96.040	ug/l #	6
95) Naphthalene	15.509	128	1766	3.353	ug/l #	69

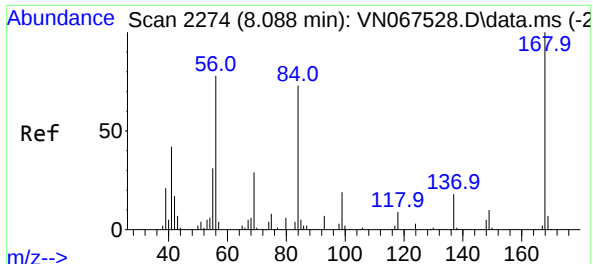
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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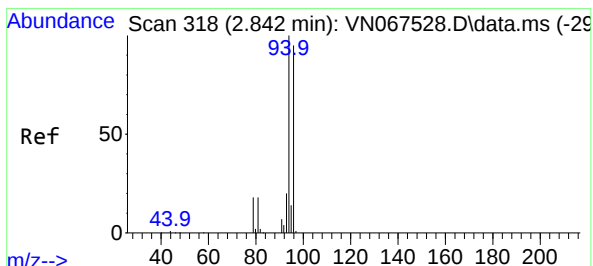
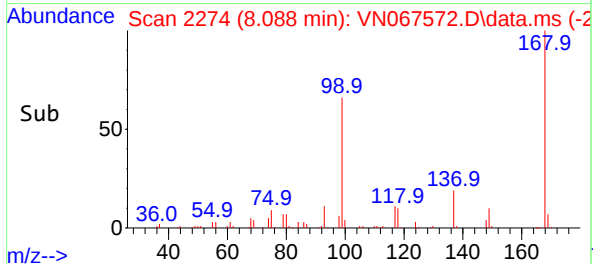
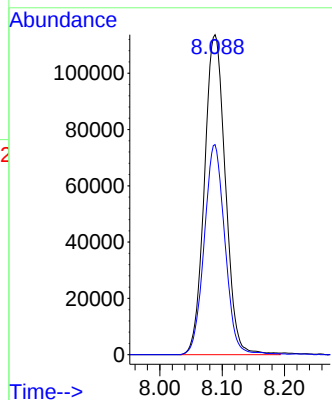
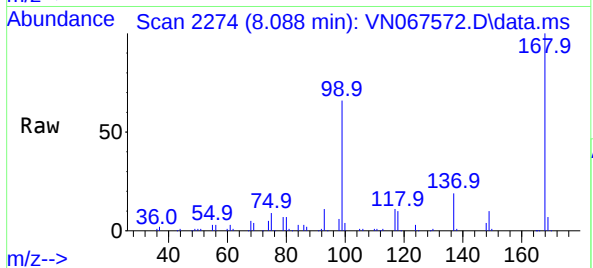




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

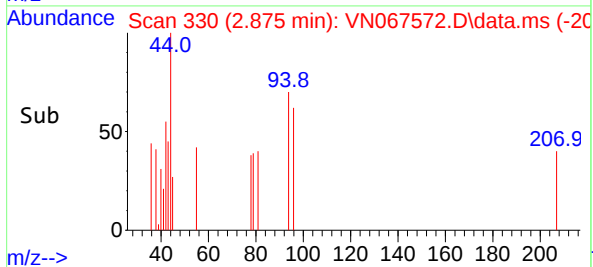
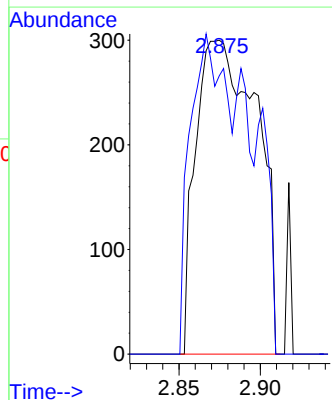
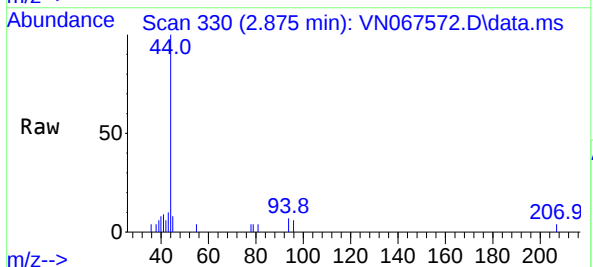
Instrument :
MSVOA_N
ClientSampleId :

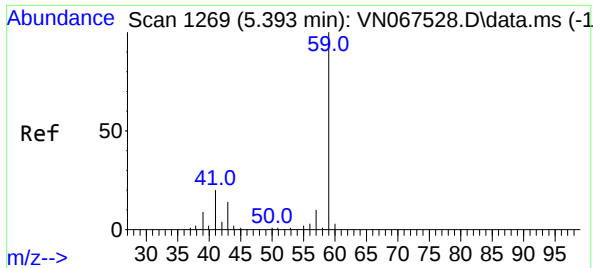
Tgt Ion:168 Resp: 266372
Ion Ratio Lower Upper
168 100
99 65.6 62.9 94.3



#5
Bromomethane
Concen: 0.239 ug/l
RT: 2.875 min Scan# 330
Delta R.T. 0.033 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

Tgt Ion: 94 Resp: 783
Ion Ratio Lower Upper
94 100
96 88.7 73.7 110.5

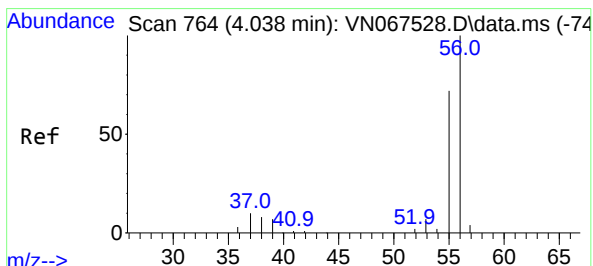
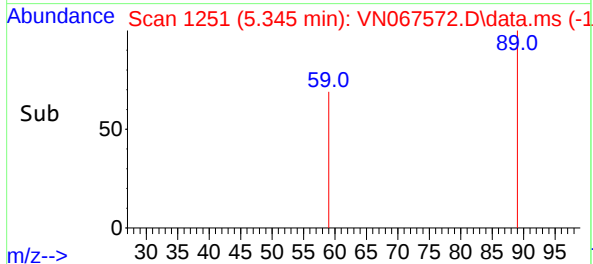
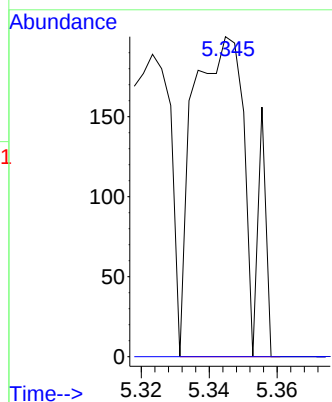
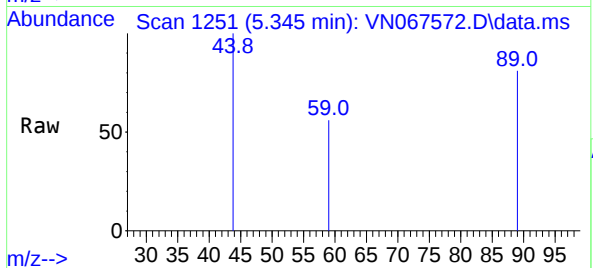




#11
Tert butyl alcohol
Concen: 0.413 ug/l
RT: 5.345 min Scan# 1251
Delta R.T. -0.048 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

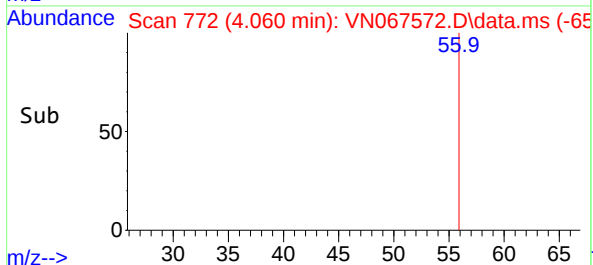
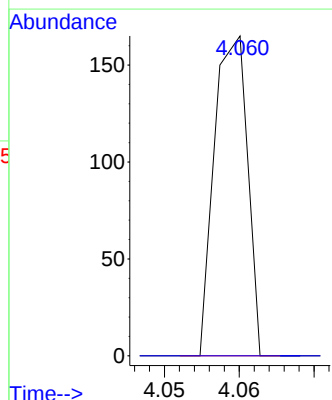
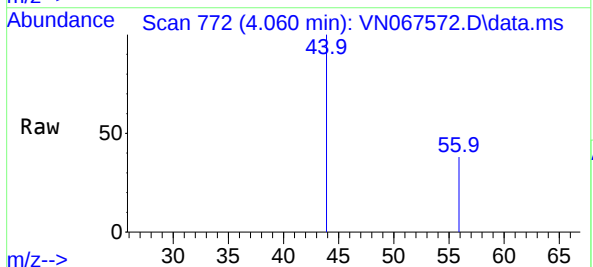
Instrument :
MSVOA_N
ClientSampled :

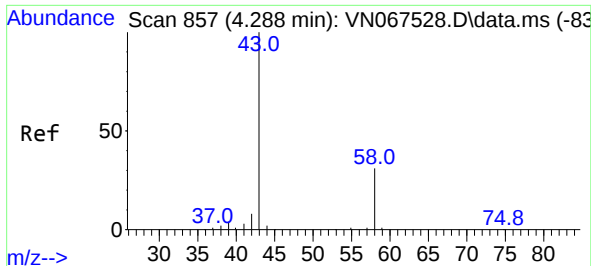
Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 2.368 ug/l
RT: 4.060 min Scan# 772
Delta R.T. 0.022 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

Tgt Ion: 56 Resp: 51
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

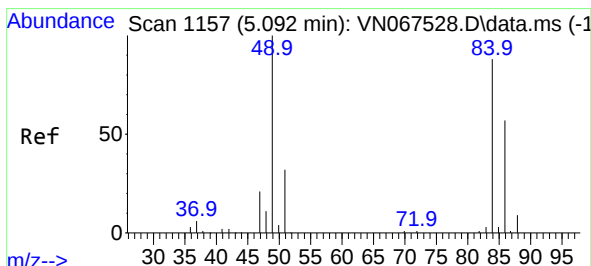
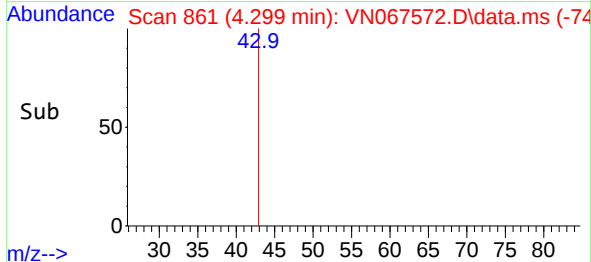
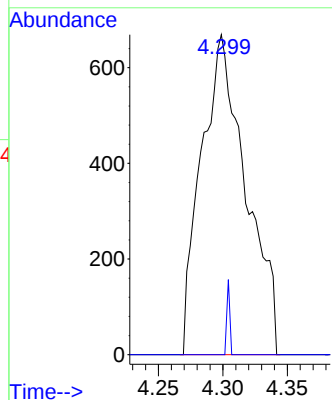
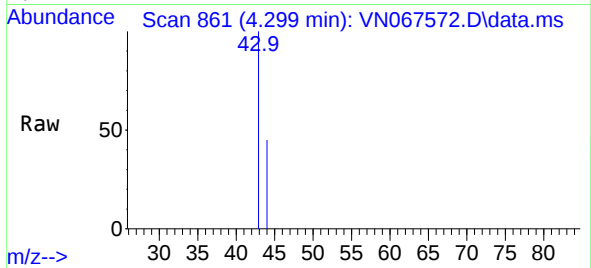




#16
Acetone
Concen: 1.341 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

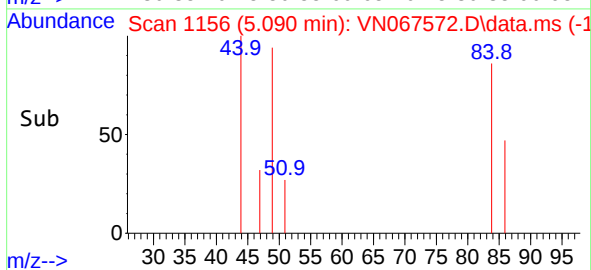
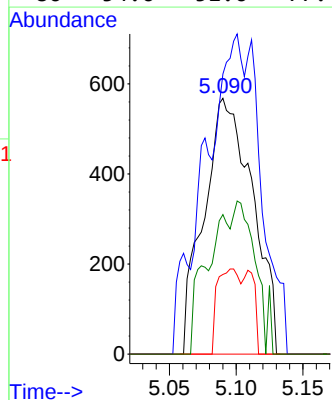
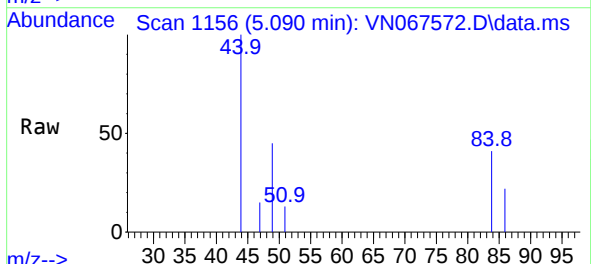
Instrument :
MSVOA_N
ClientSampled :

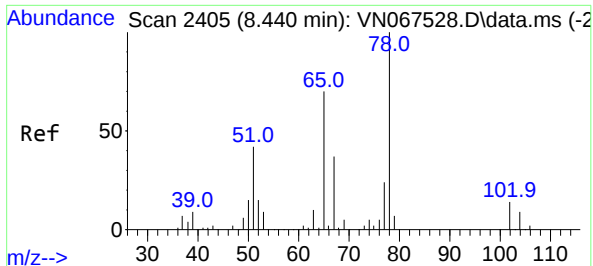
Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#20
Methylene Chloride
Concen: 0.253 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.002 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

Tgt Ion: 84 Resp: 1443
Ion Ratio Lower Upper
84 100
49 81.7 110.9 166.3#
51 31.2 32.6 49.0#
86 54.6 51.6 77.4



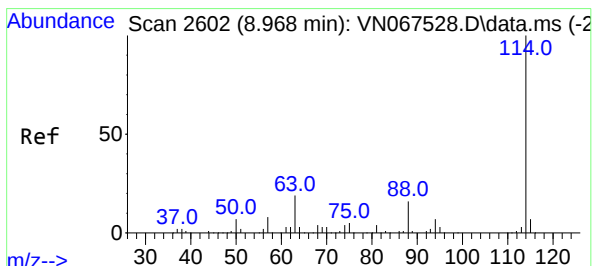
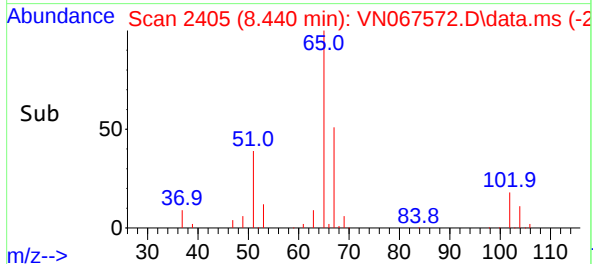
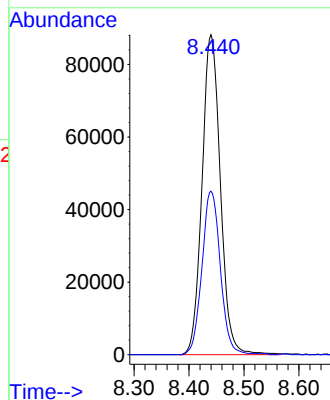
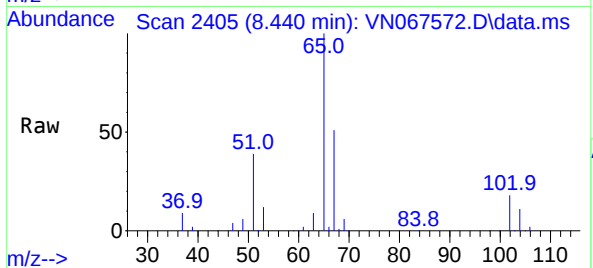


#33

1,2-Dichloroethane-d4
Concen: 56.205 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

Instrument :
MSVOA_N
ClientSampled :

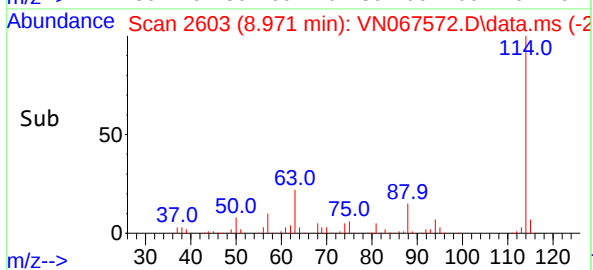
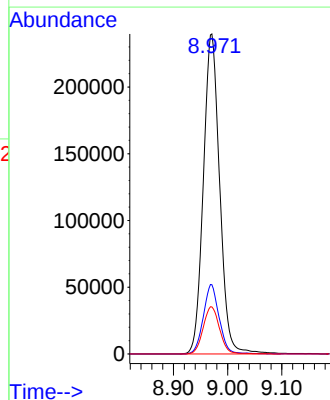
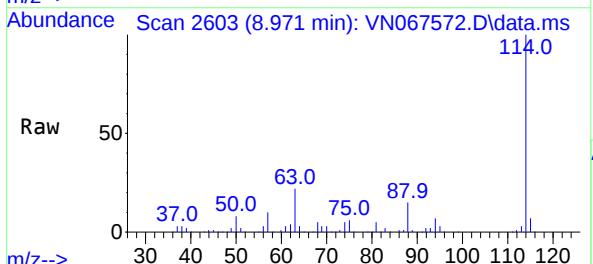
Tgt Ion: 65 Resp: 204898
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.6

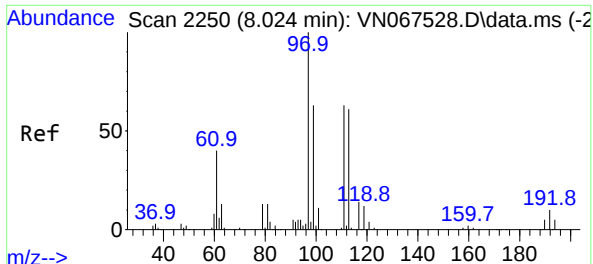


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

Tgt Ion: 114 Resp: 502291
Ion Ratio Lower Upper
114 100
63 21.7 0.0 49.0
88 14.7 0.0 36.6

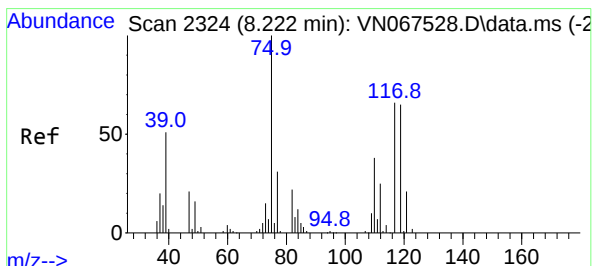
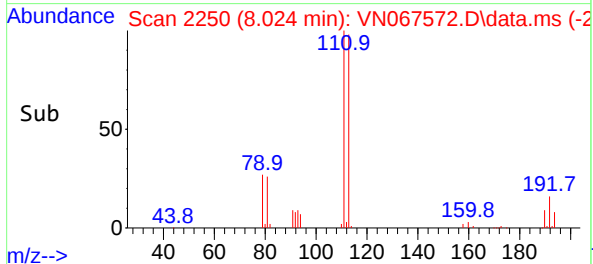
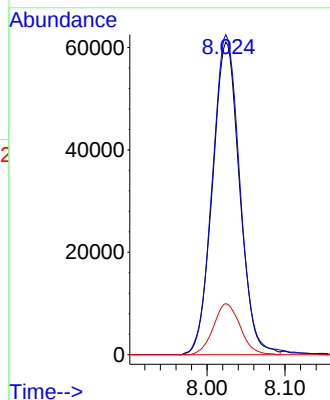
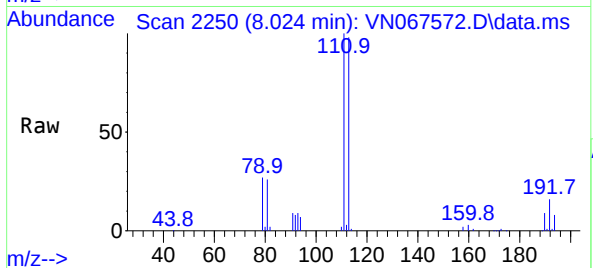




#35
Dibromofluoromethane
Concen: 47.362 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

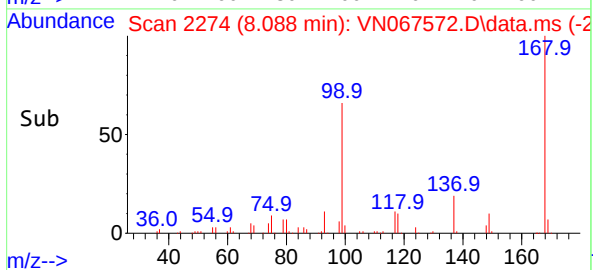
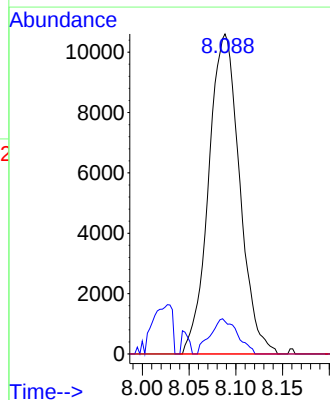
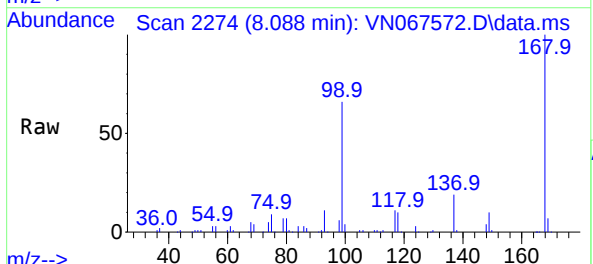
Instrument :
MSVOA_N
ClientSampled :

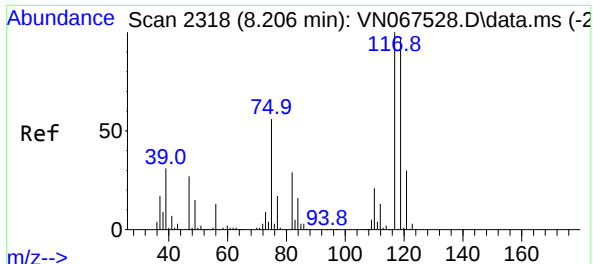
Tgt Ion:113 Resp: 147495
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.8
192 16.2 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.402 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

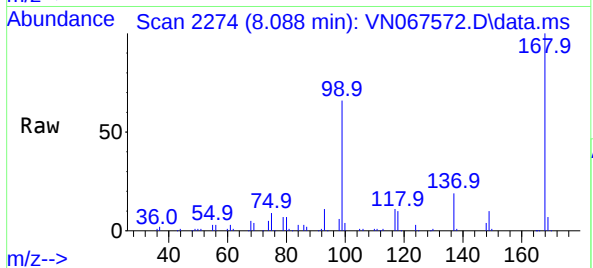
Tgt Ion: 75 Resp: 24495
Ion Ratio Lower Upper
75 100
110 9.6 15.7 47.0#
77 0.0 24.6 37.0#



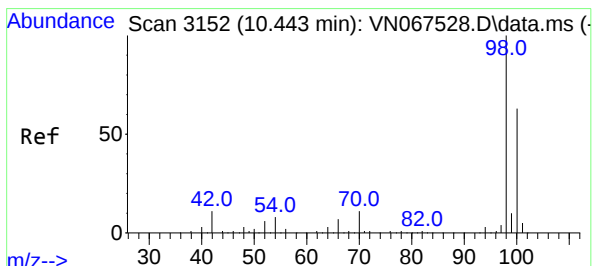
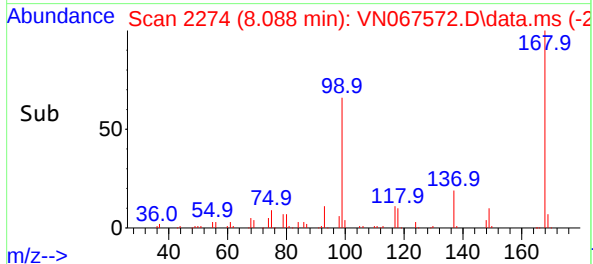
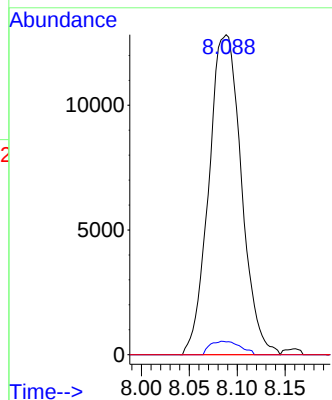


#38
Carbon Tetrachloride
Concen: 6.238 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

Instrument :
MSVOA_N
ClientSampleId :

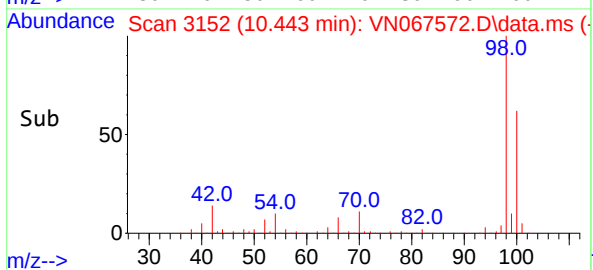
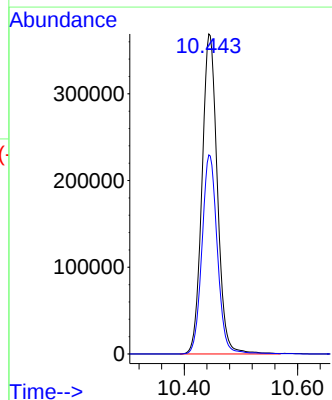
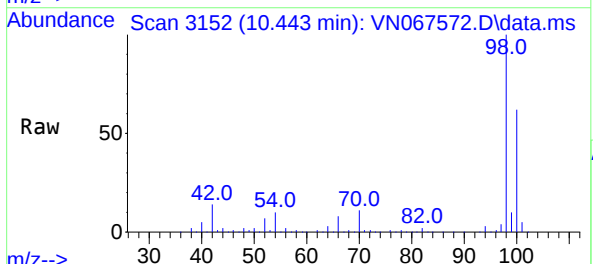


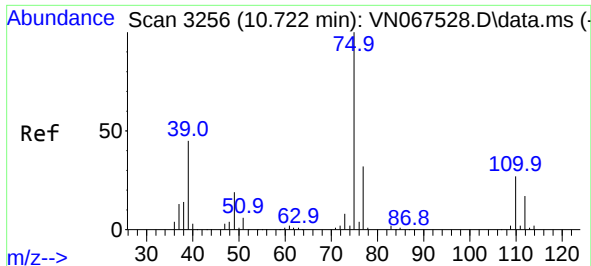
Tgt Ion:117 Resp: 30302
Ion Ratio Lower Upper
117 100
119 4.0 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 54.814 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

Tgt Ion: 98 Resp: 693429
Ion Ratio Lower Upper
98 100
100 62.4 51.7 77.5

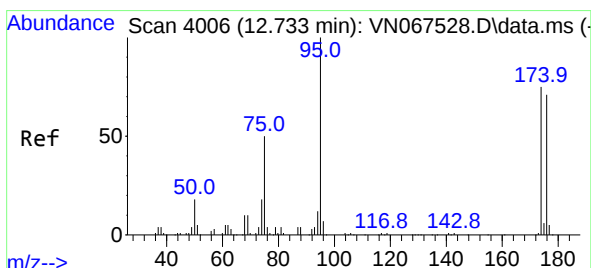
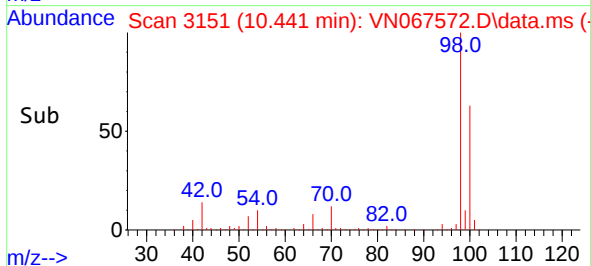
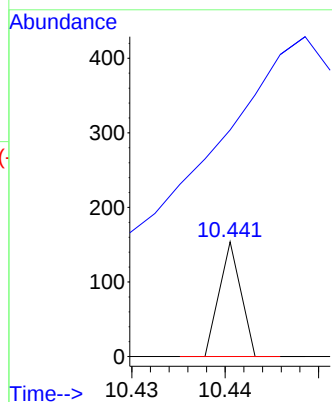
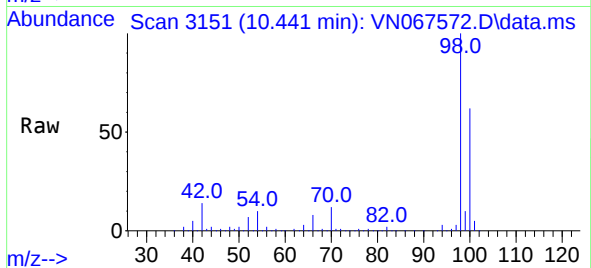




#53
t-1,3-Dichloropropene
Concen: 2.260 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.281 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

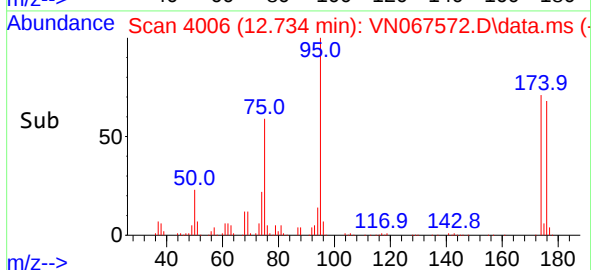
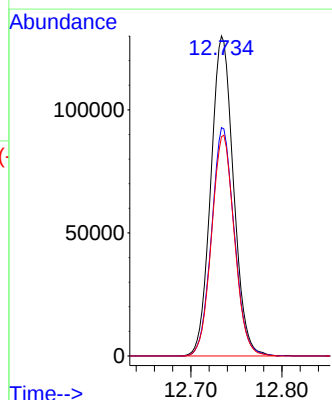
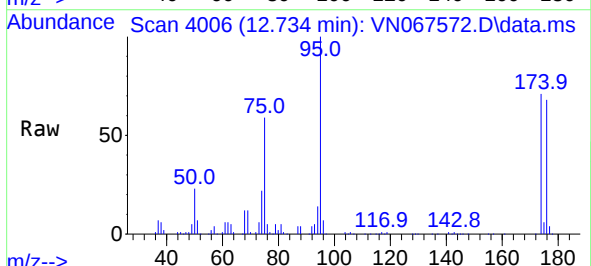
Instrument :
MSVOA_N
ClientSampled :

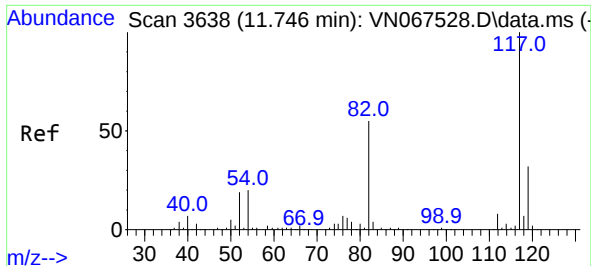
Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
77 47.4 25.1 37.7#



#62
4-Bromofluorobenzene
Concen: 50.897 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

Tgt Ion: 95 Resp: 224905
Ion Ratio Lower Upper
95 100
174 71.4 0.0 122.0
176 69.3 0.0 117.6

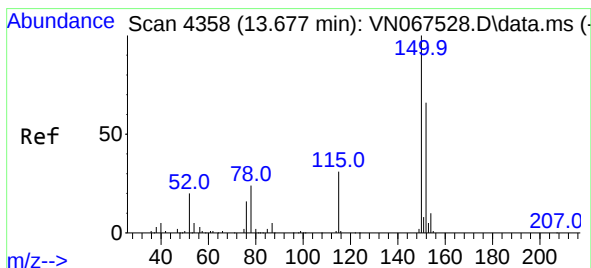
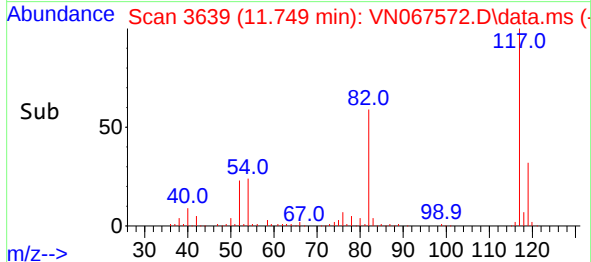
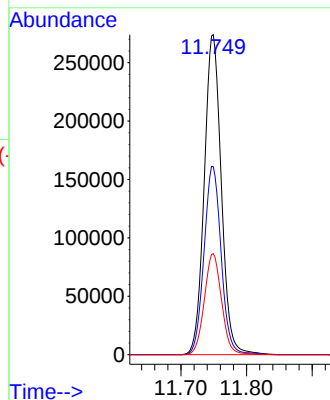
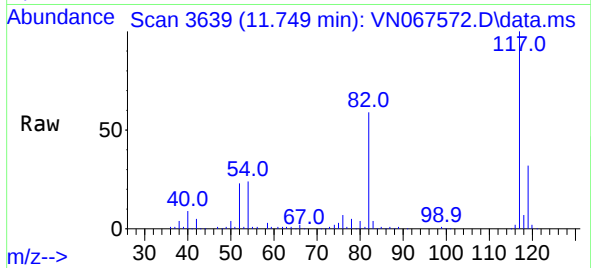




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

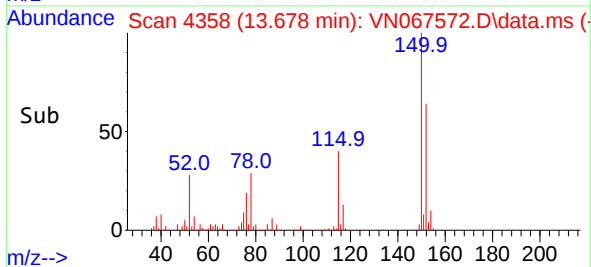
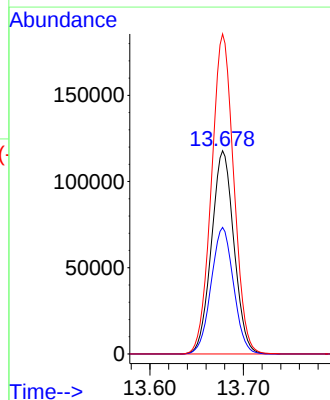
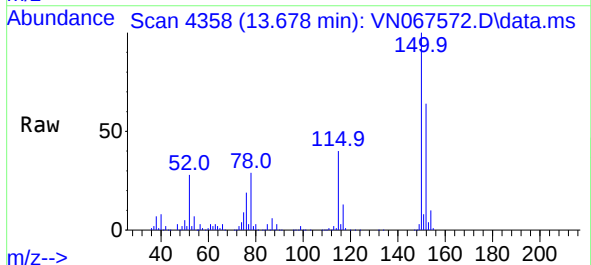
Instrument :
MSVOA_N
ClientSampled :

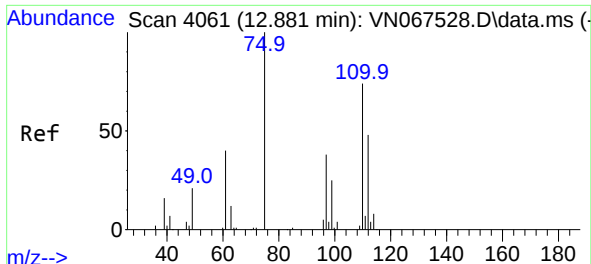
Tgt Ion:117 Resp: 495823
Ion Ratio Lower Upper
117 100
82 58.7 53.1 79.7
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

Tgt Ion:152 Resp: 197144
Ion Ratio Lower Upper
152 100
115 62.1 36.1 108.5
150 156.2 0.0 351.8

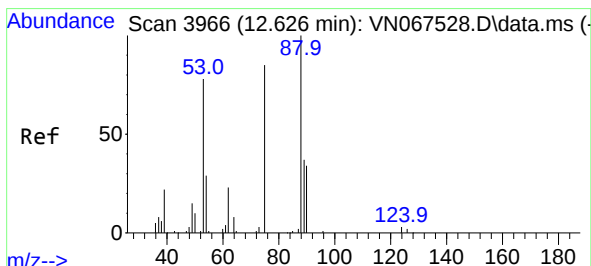
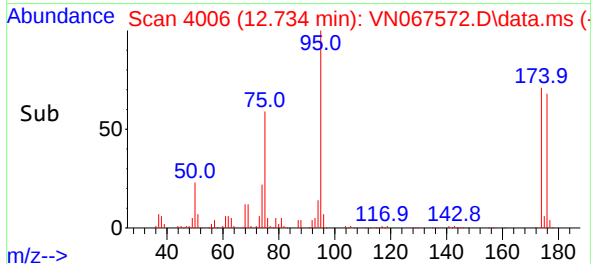
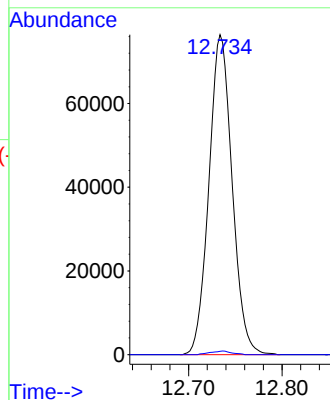
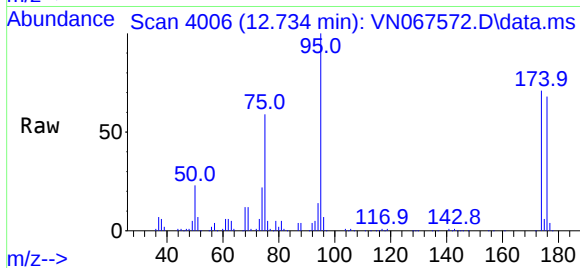




#76
1,2,3-Trichloropropane
Concen: 33.405 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

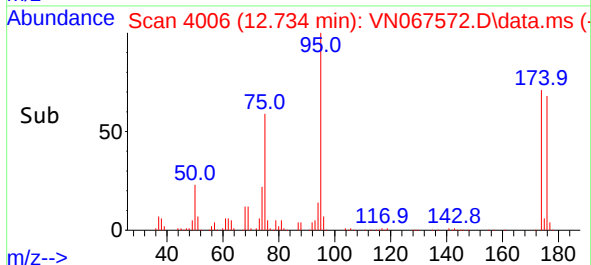
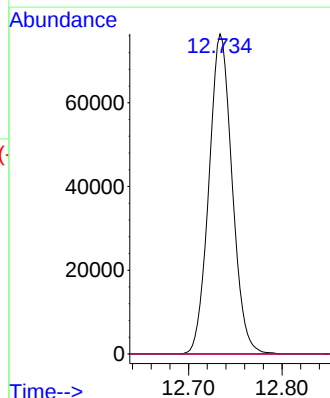
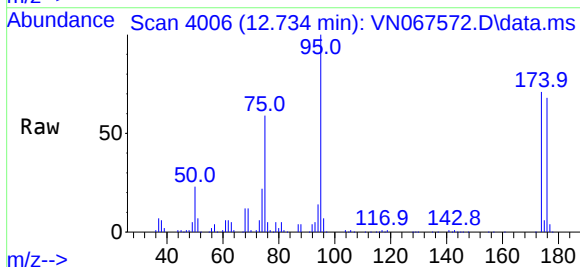
Instrument :
MSVOA_N
ClientSampleId :

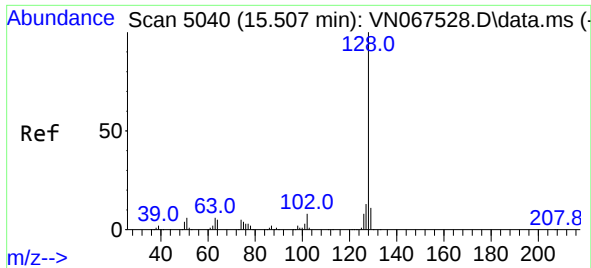
Tgt Ion: 75 Resp: 132000
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.040 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

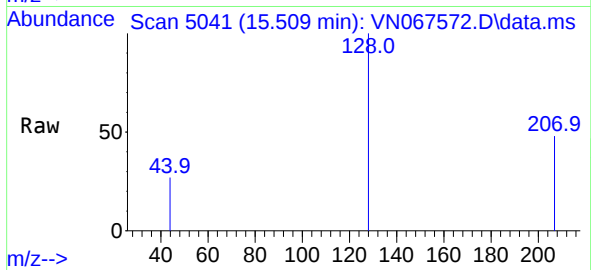
Tgt Ion: 75 Resp: 132000
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 3.353 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067572.D
Acq: 30 Jun 2021 13:47

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1766
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

