

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081121\
 Data File : VN068065.D
 Acq On : 11 Aug 2021 11:47
 Operator : JC/MD
 Sample : VN0811MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 12 07:10:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

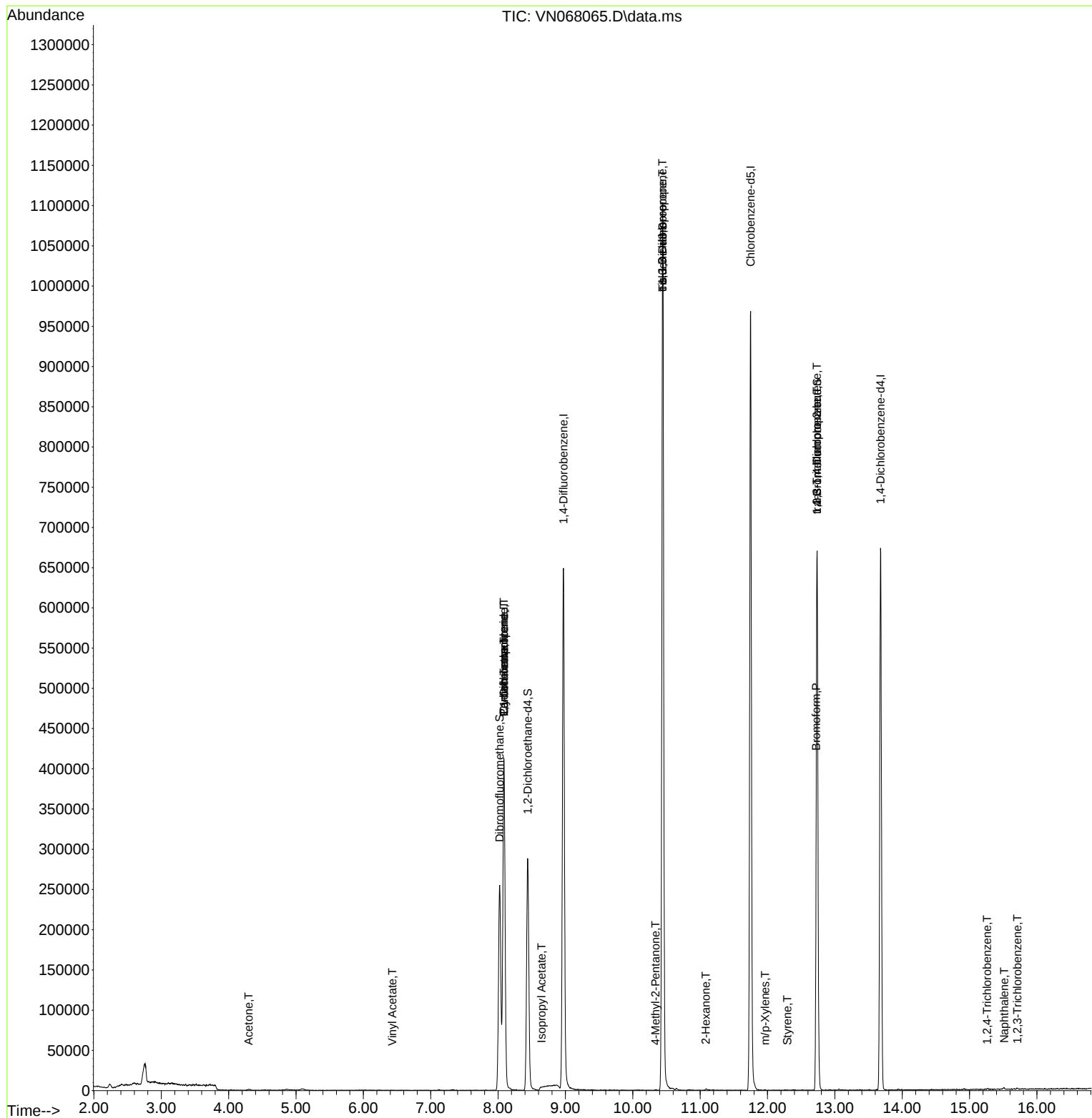
Internal Standards						
1) Pentafluorobenzene	8.088	168	297543	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	581337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	559331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	181364	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	245306	58.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 116.48%			
35) Dibromofluoromethane	8.021	113	190063	56.10	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.20%			
50) Toluene-d8	10.443	98	778583	49.81	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.62%			
62) 4-Bromofluorobenzene	12.736	95	242729	43.17	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 86.34%			
Target Compounds						Qvalue
16) Acetone	4.296	43	445	0.29	ug/l	# 48
20) Methylene Chloride	5.087	84	646	Below Cal		# 73
23) Vinyl Acetate	6.431	43	89	8.81	ug/l	# 75
31) Cyclohexane	8.086	56	7215	1.16	ug/l	# 1
36) 1,1-Dichloropropene	8.088	75	27114	5.04	ug/l	# 52
38) Carbon Tetrachloride	8.088	117	33349	6.31	ug/l	# 17
43) Isopropyl Acetate	8.646	43	2799	0.33	ug/l	# 58
51) 4-Methyl-2-Pentanone	10.336	43	784	12.69	ug/l	# 39
53) t-1,3-Dichloropropene	10.440	75	148	2.85	ug/l	# 1
54) cis-1,3-Dichloropropene	10.440	75	148	2.37	ug/l	# 16
59) 2-Hexanone	11.084	43	1280	13.56	ug/l	# 63
68) m/p-Xylenes	11.966	106	55	4.07	ug/l	# 1
70) Styrene	12.296	104	107	2.64	ug/l	# 37
71) Bromoform	12.723	173	338	4.12	ug/l	# 1
76) 1,2,3-Trichloropropane	12.733	75	131573	36.12	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	131573	96.61	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.262	180	290	2.57	ug/l	# 34
95) Naphthalene	15.515	128	2214	3.39	ug/l	# 77
96) 1,2,3-Trichlorobenzene	15.710	180	574	2.59	ug/l	# 63

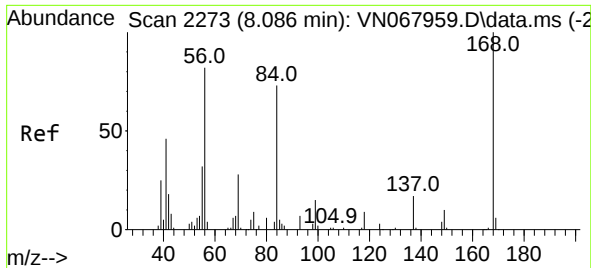
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Aug 12 07:10:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration

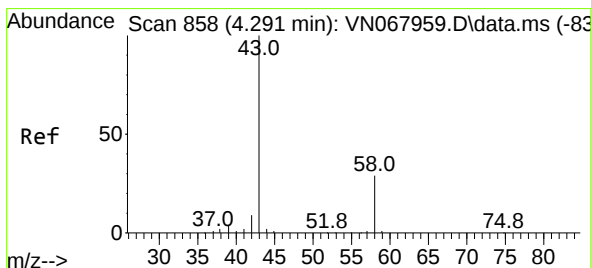
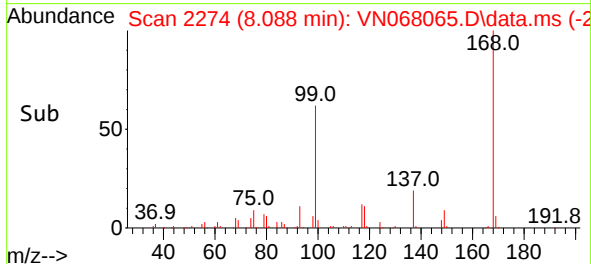
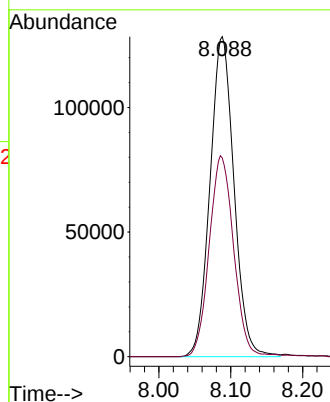
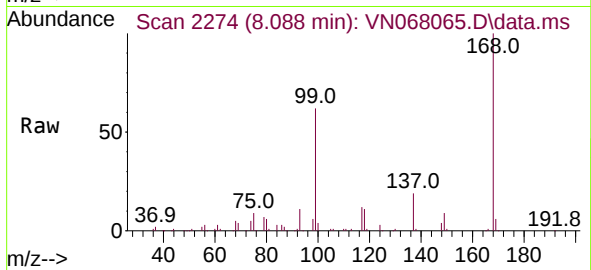




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

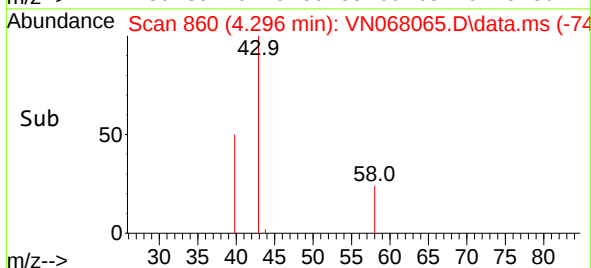
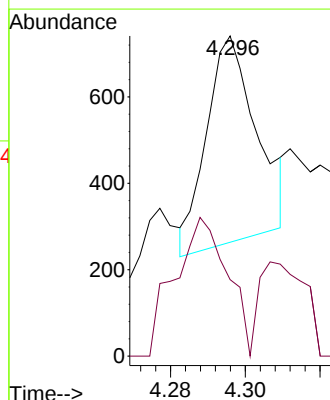
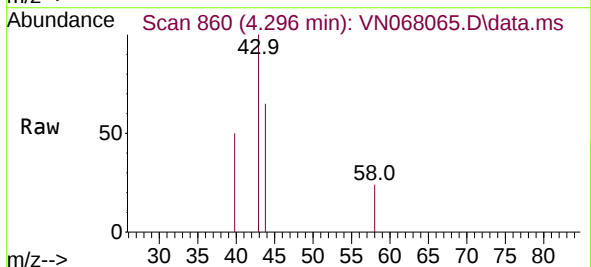
Instrument :
MSVOA_N
ClientSampled :

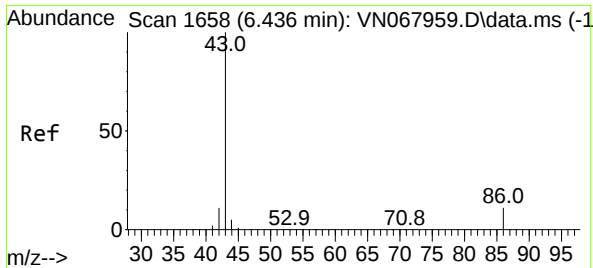
Tgt Ion:168 Resp: 297543
Ion Ratio Lower Upper
168 100
99 62.1 62.9 94.3#



#16
Acetone
Concen: 0.29 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

Tgt Ion: 43 Resp: 445
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#

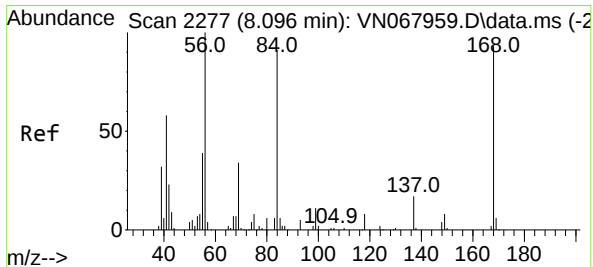
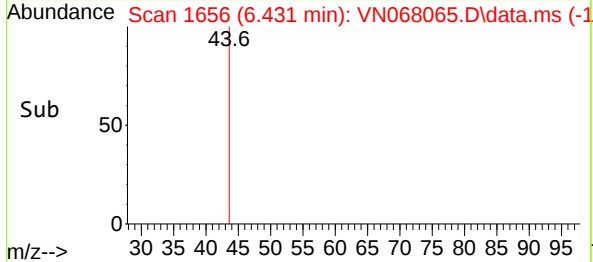
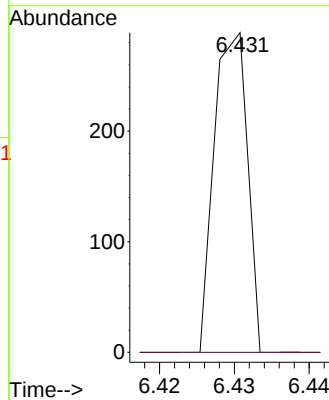
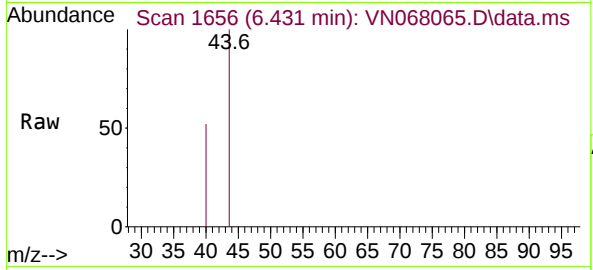




#23
 Vinyl Acetate
 Concen: 8.81 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.005 min
 Lab File: VN068065.D
 Acq: 11 Aug 2021 11:47

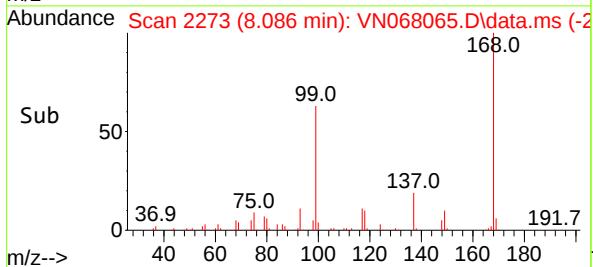
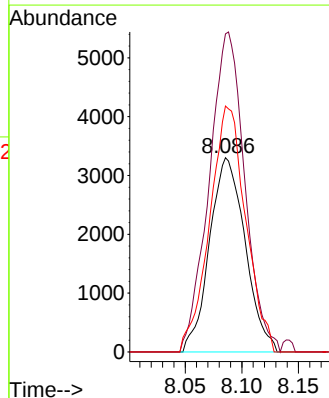
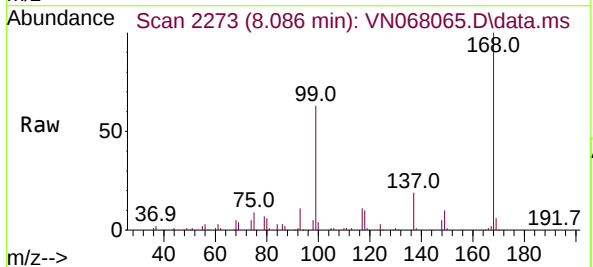
Instrument :
 MSVOA_N
 ClientSampled :

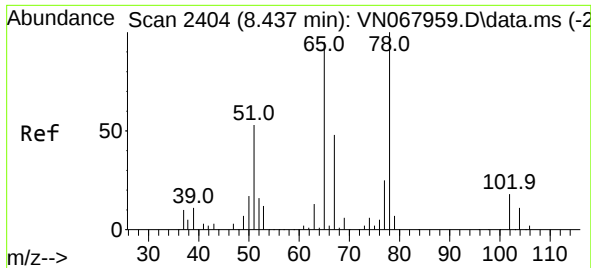
Tgt Ion: 43 Resp: 89
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.3 10.9#



#31
 Cyclohexane
 Concen: 1.16 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.010 min
 Lab File: VN068065.D
 Acq: 11 Aug 2021 11:47

Tgt Ion: 56 Resp: 7215
 Ion Ratio Lower Upper
 56 100
 69 163.8 27.3 40.9#
 84 126.7 64.9 97.3#

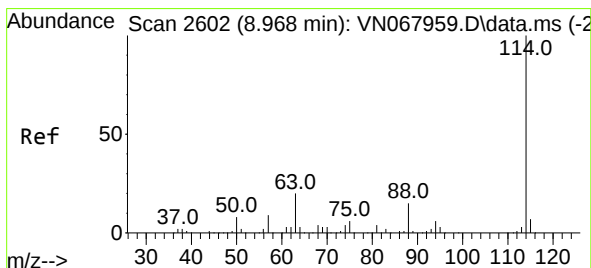
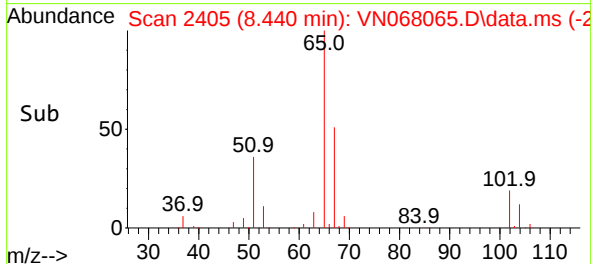
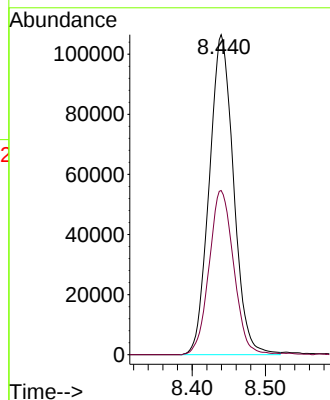
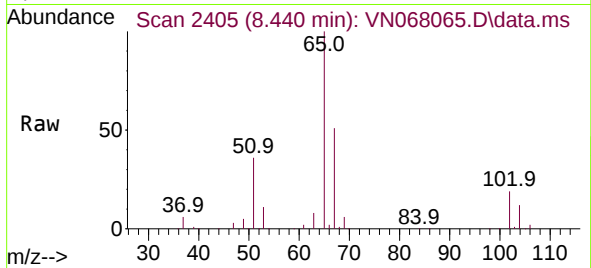




#33
1,2-Dichloroethane-d4
Concen: 58.24 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

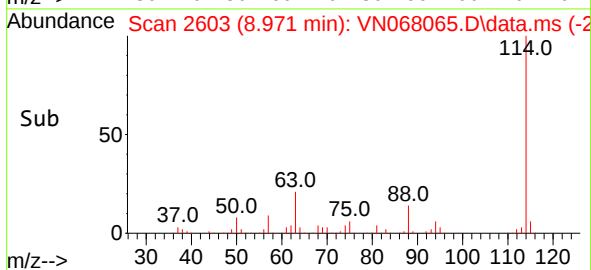
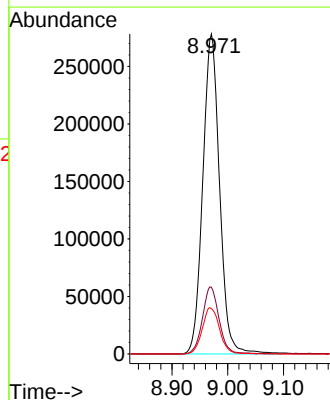
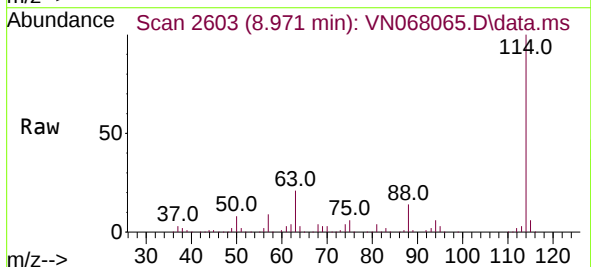
Instrument :
MSVOA_N
ClientSampled :

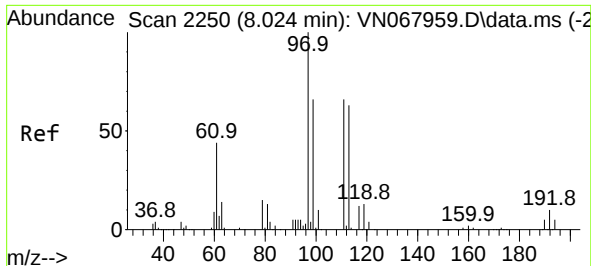
Tgt Ion: 65 Resp: 245306
Ion Ratio Lower Upper
65 100
67 51.9 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

Tgt Ion: 114 Resp: 581337
Ion Ratio Lower Upper
114 100
63 20.8 0.0 49.0
88 14.1 0.0 36.6

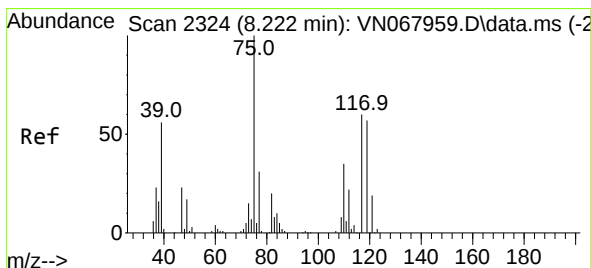
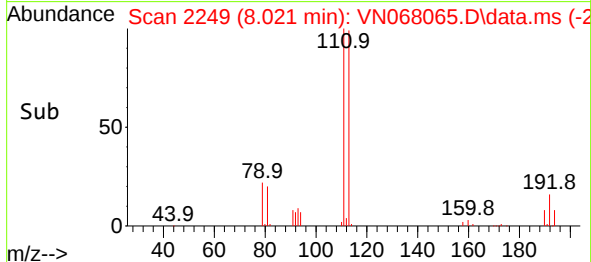
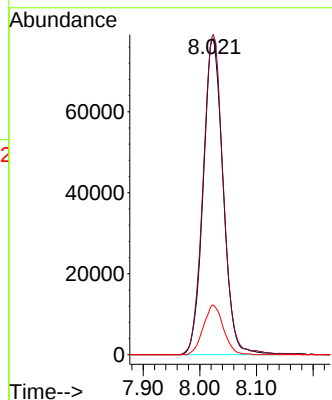
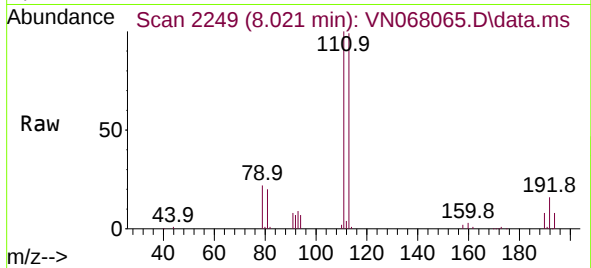




#35
Dibromofluoromethane
Concen: 56.10 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

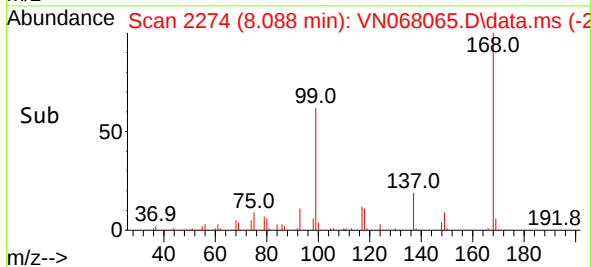
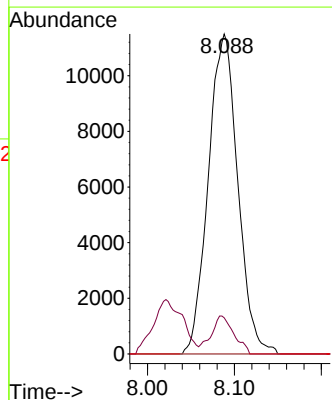
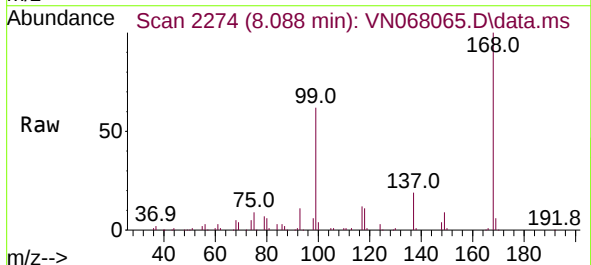
Instrument :
MSVOA_N
ClientSampleId :

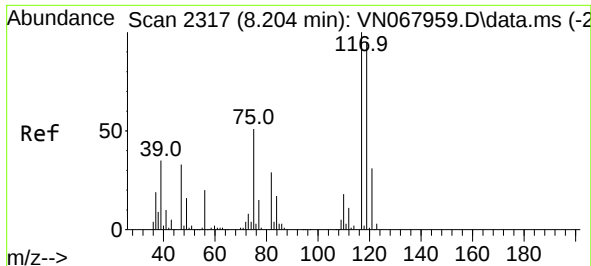
Tgt Ion:113 Resp: 190063
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.8
192 15.8 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

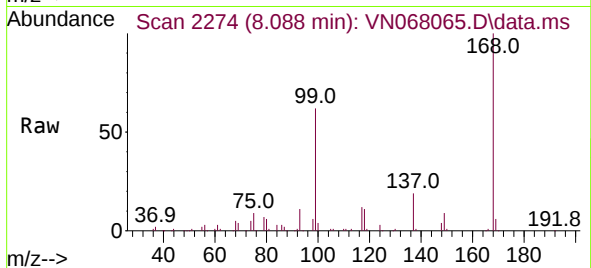
Tgt Ion: 75 Resp: 27114
Ion Ratio Lower Upper
75 100
110 9.2 15.7 47.0#
77 0.0 24.6 37.0#



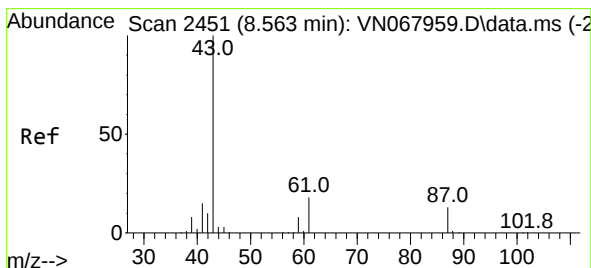
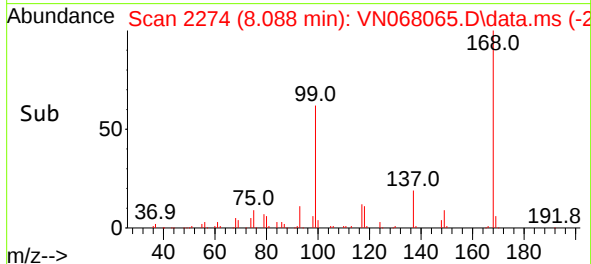
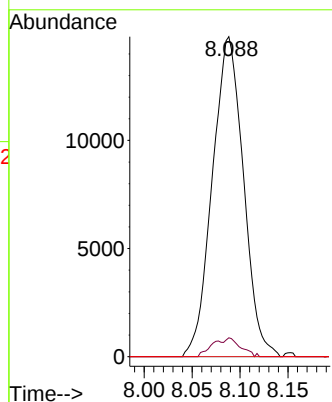


#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.116 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

Instrument :
MSVOA_N
ClientSampled :

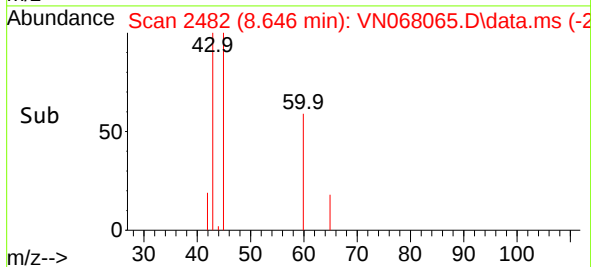
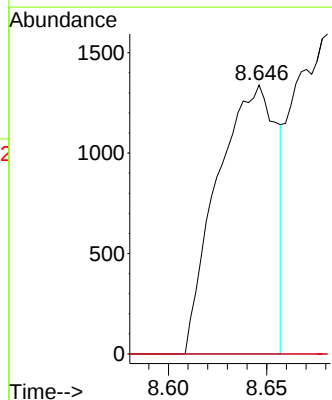
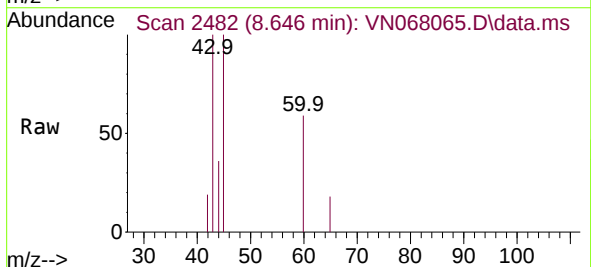


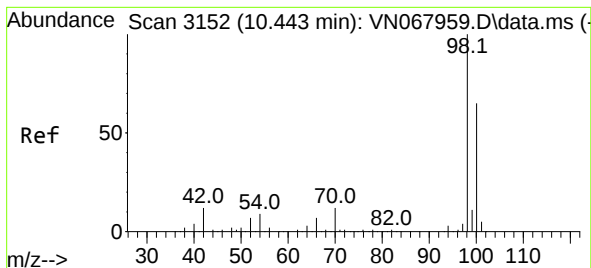
Tgt Ion:117 Resp: 33349
Ion Ratio Lower Upper
117 100
119 5.9 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 0.33 ug/l
RT: 8.646 min Scan# 2482
Delta R.T. 0.083 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

Tgt Ion: 43 Resp: 2799
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

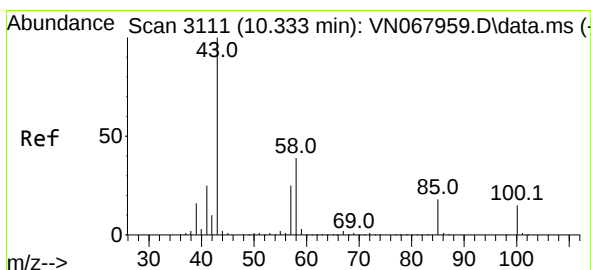
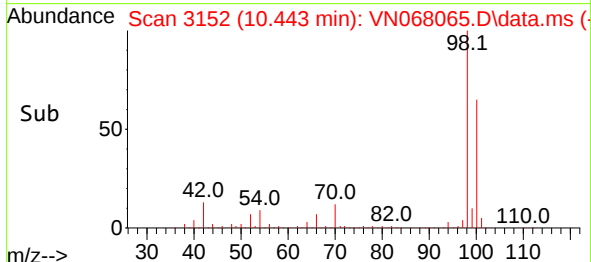
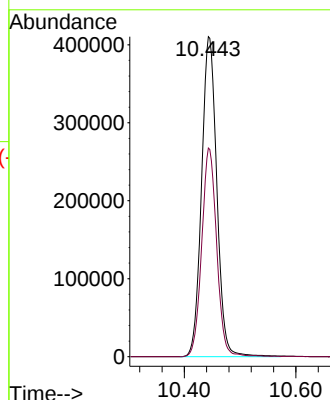
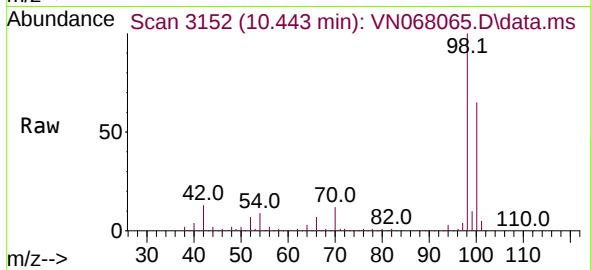




#50
Toluene-d8
Concen: 49.81 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

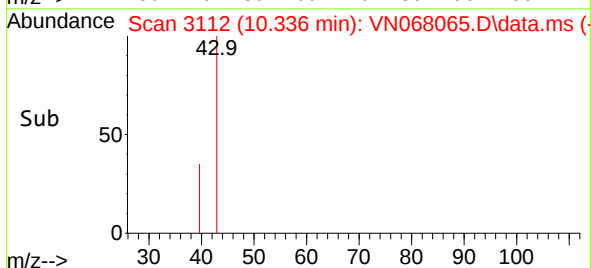
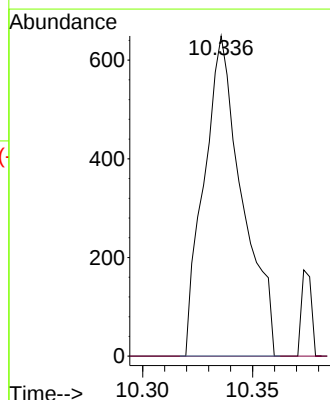
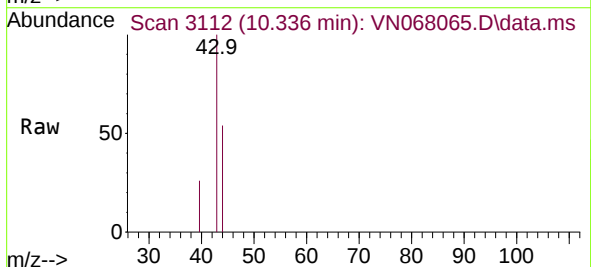
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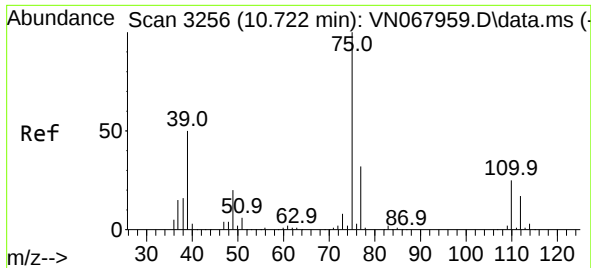
Tgt Ion: 98 Resp: 778583
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 12.69 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

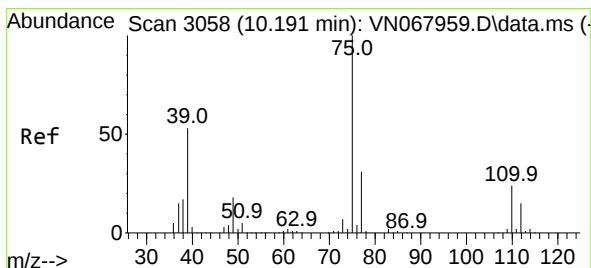
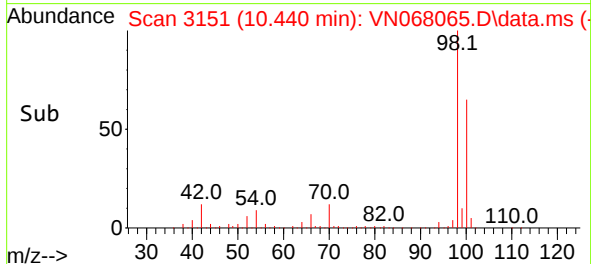
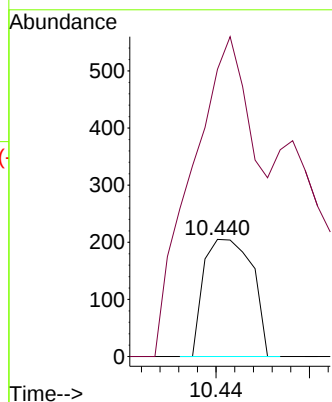
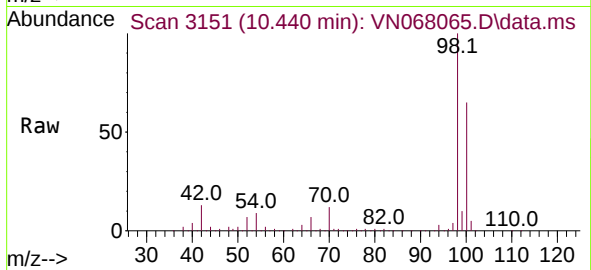




#53
t-1,3-Dichloropropene
Concen: 2.85 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.282 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

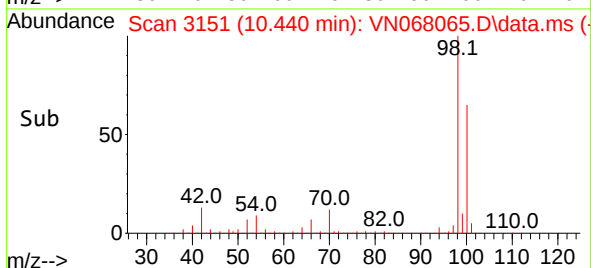
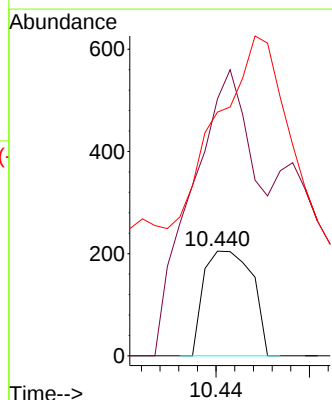
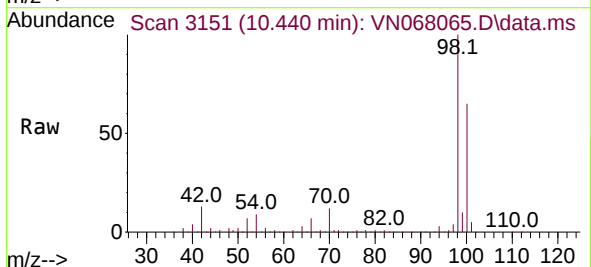
Instrument :
MSVOA_N
ClientSampled :

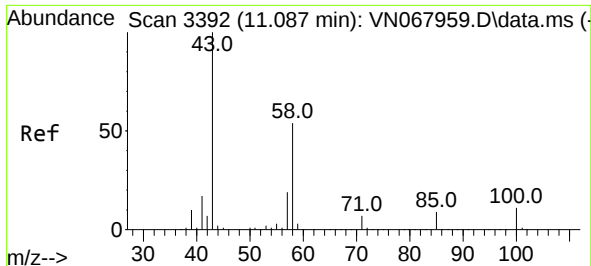
Tgt Ion: 75 Resp: 148
Ion Ratio Lower Upper
75 100
77 119.0 25.1 37.7#



#54
cis-1,3-Dichloropropene
Concen: 2.37 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.249 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

Tgt Ion: 75 Resp: 148
Ion Ratio Lower Upper
75 100
77 119.0 24.6 37.0#
39 100.0 50.7 76.1#

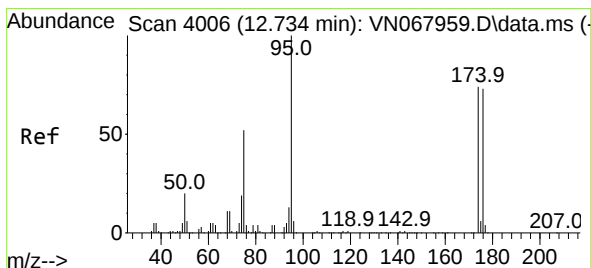
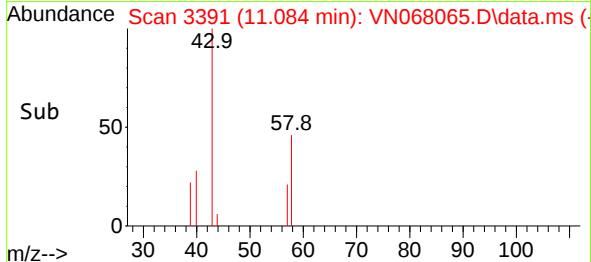
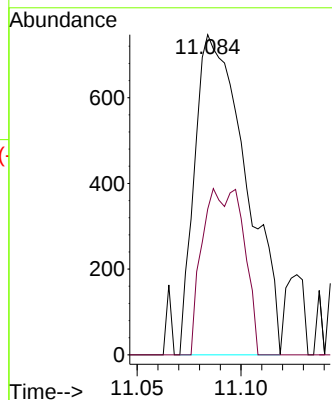
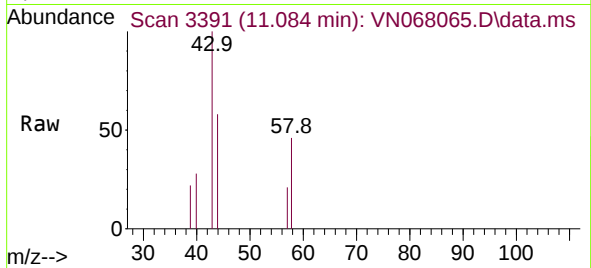




#59
2-Hexanone
Concen: 13.56 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.003 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

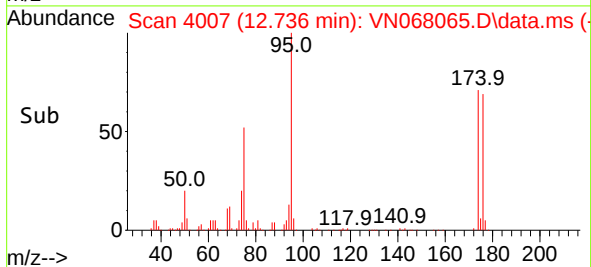
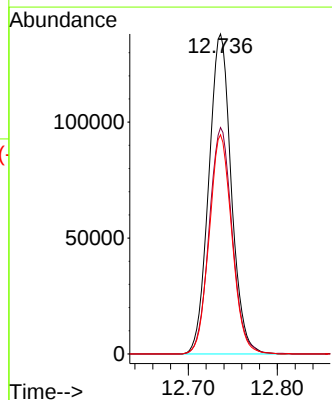
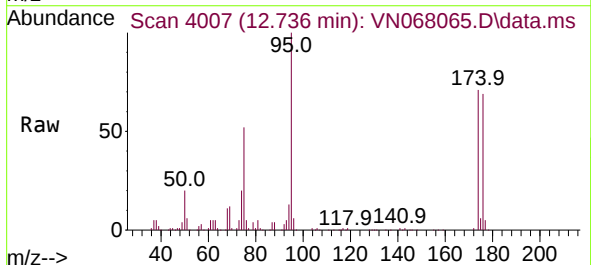
Instrument :
MSVOA_N
ClientSampled :

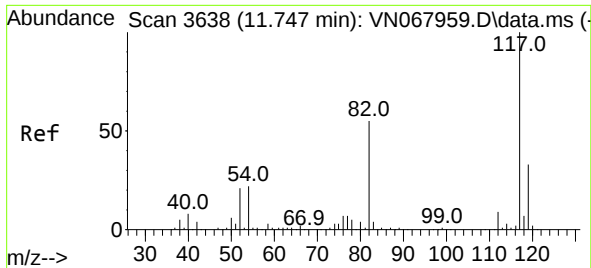
Tgt Ion: 43 Resp: 1280
Ion Ratio Lower Upper
43 100
58 23.8 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 43.17 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

Tgt Ion: 95 Resp: 242729
Ion Ratio Lower Upper
95 100
174 72.3 0.0 122.0
176 69.0 0.0 117.6

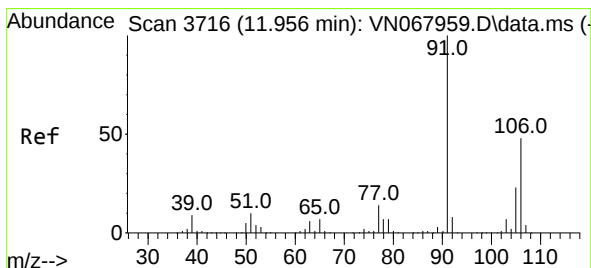
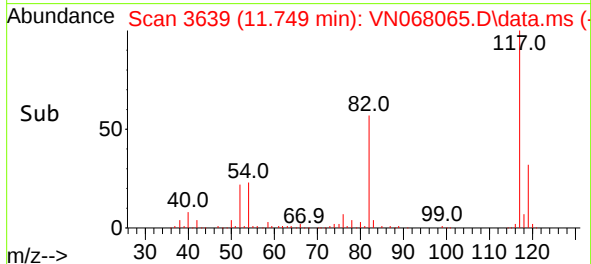
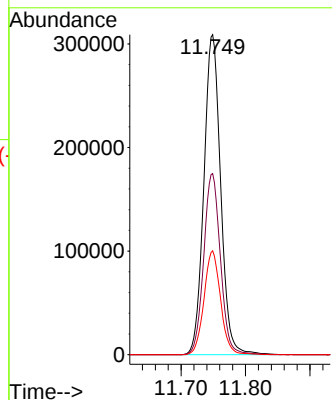
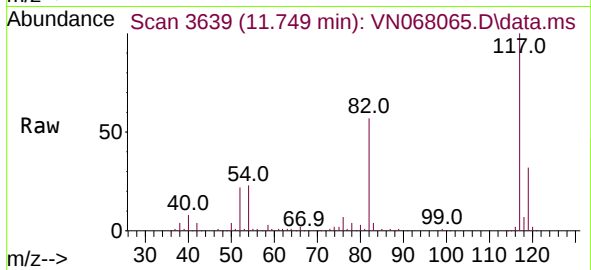




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

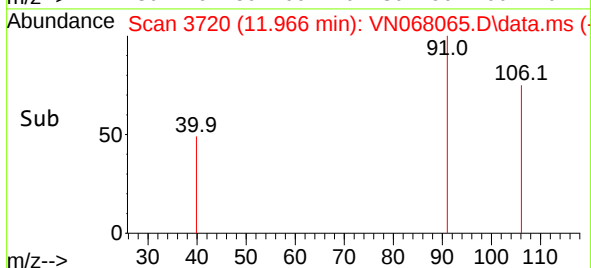
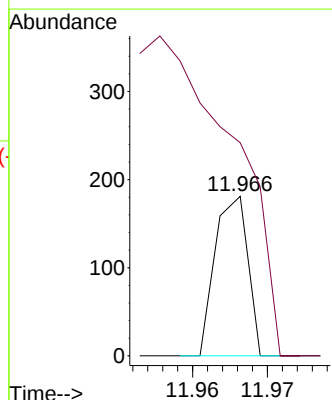
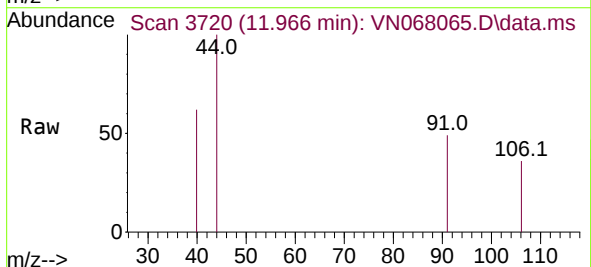
Instrument :
MSVOA_N
ClientSampled :

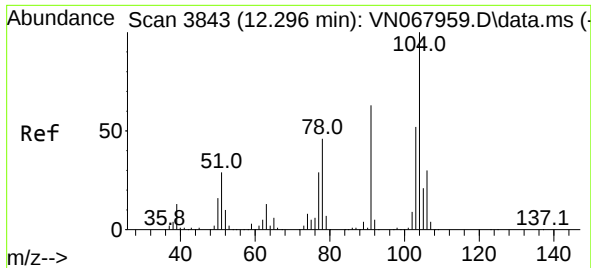
Tgt Ion:117 Resp: 559331
Ion Ratio Lower Upper
117 100
82 56.6 53.1 79.7
119 32.4 25.5 38.3



#68
m/p-Xylenes
Concen: 4.07 ug/l
RT: 11.966 min Scan# 3720
Delta R.T. 0.010 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

Tgt Ion:106 Resp: 55
Ion Ratio Lower Upper
106 100
91 845.5 180.6 270.8#

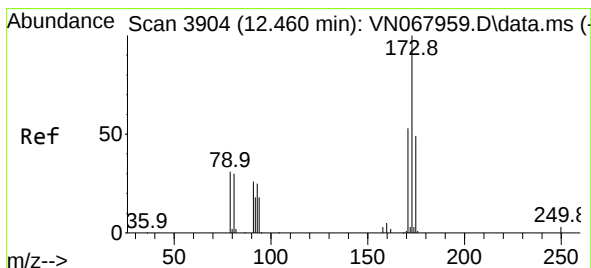
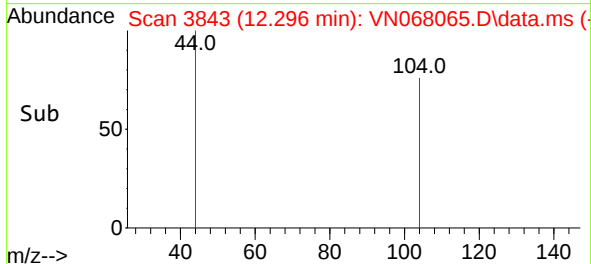
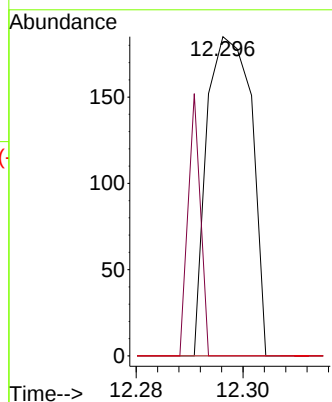
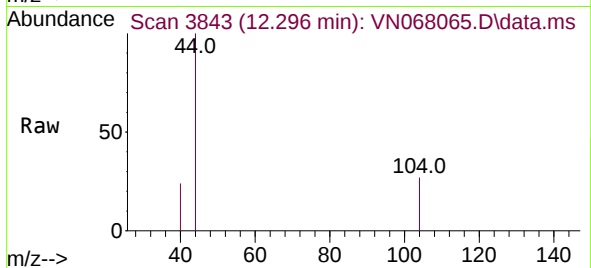




#70
Styrene
Concen: 2.64 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

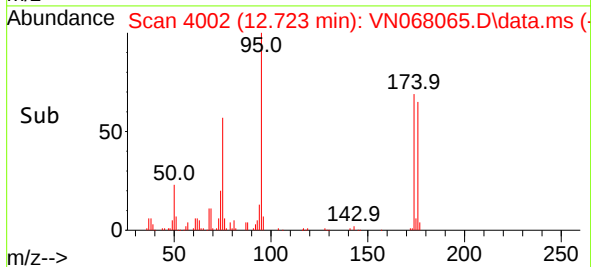
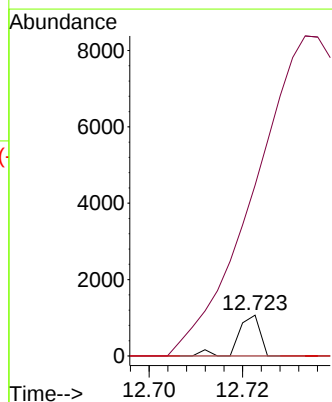
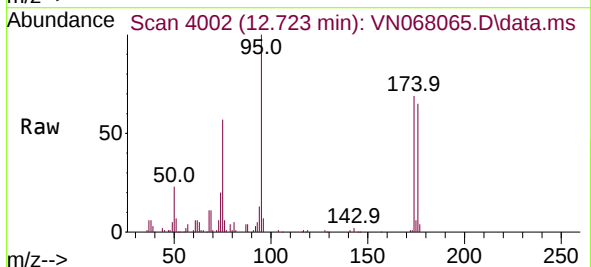
Instrument :
MSVOA_N
ClientSampled :

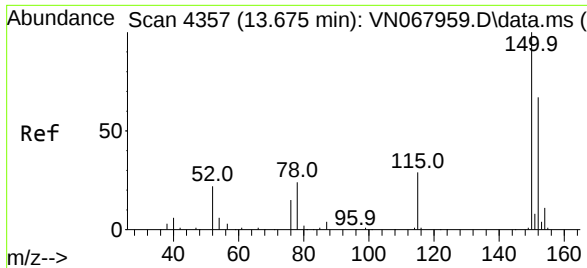
Tgt Ion:104 Resp: 107
Ion Ratio Lower Upper
104 100
78 22.4 48.2 72.2#
103 0.0 44.5 66.7#



#71
Bromoform
Concen: 4.12 ug/l
RT: 12.723 min Scan# 4002
Delta R.T. 0.263 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

Tgt Ion:173 Resp: 338
Ion Ratio Lower Upper
173 100
175 3874.9 23.9 71.8#
254 0.0 0.0 0.0

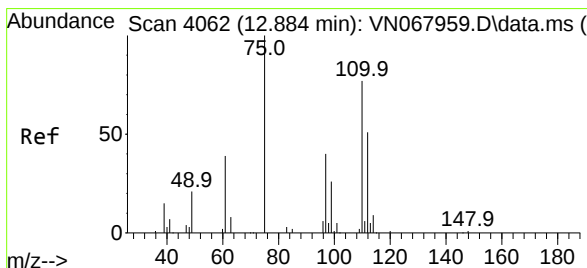
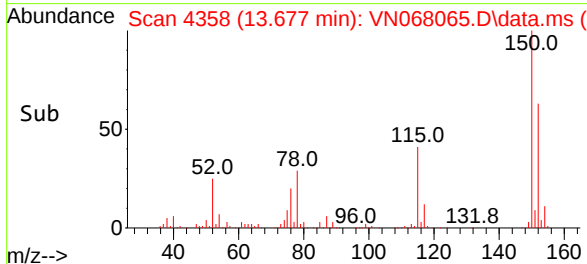
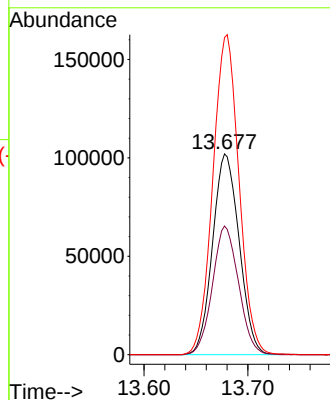
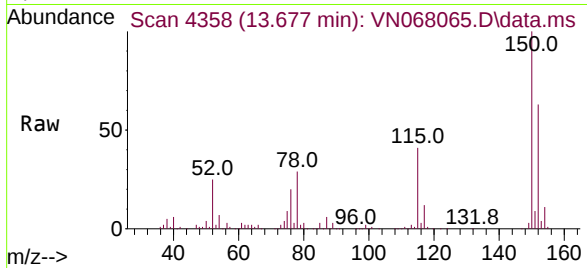




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

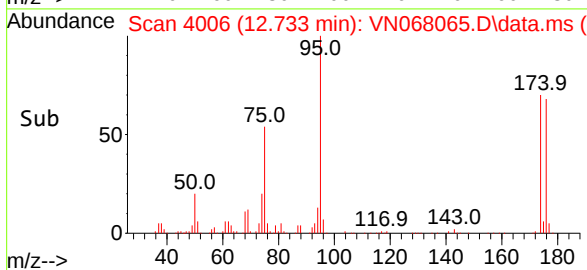
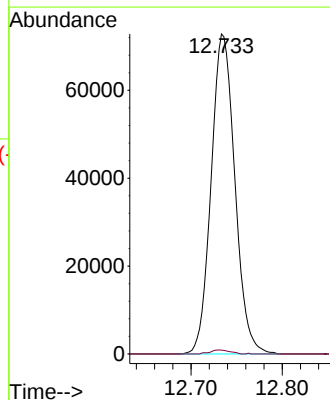
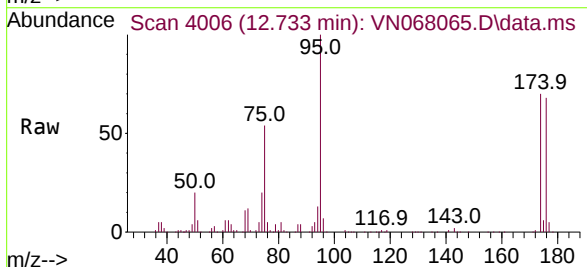
Instrument :
MSVOA_N
ClientSampled :

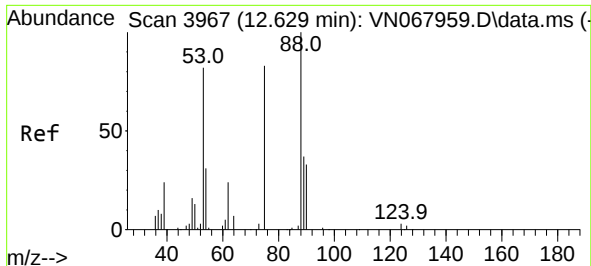
Tgt Ion:152 Resp: 181364
Ion Ratio Lower Upper
152 100
115 63.0 36.1 108.5
150 157.1 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 36.12 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

Tgt Ion: 75 Resp: 131573
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

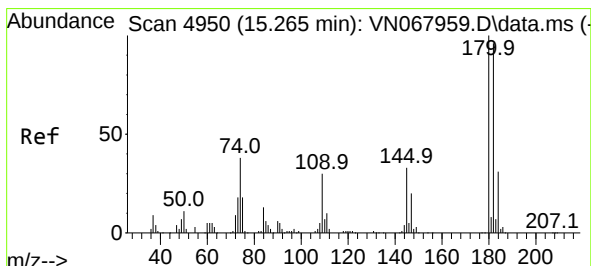
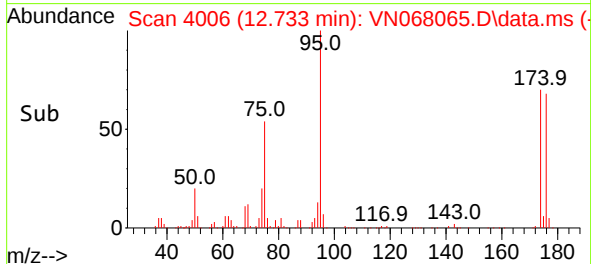
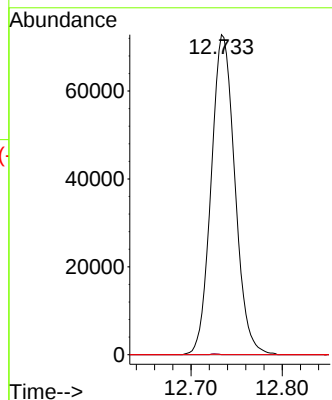
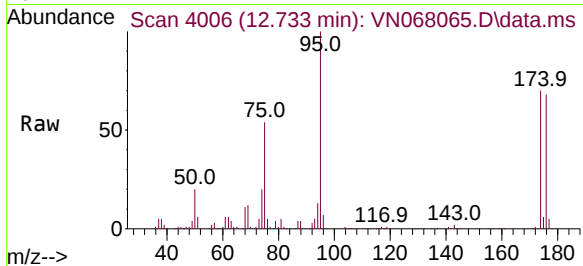




#81
trans-1,4-Dichloro-2-butene
Concen: 96.61 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

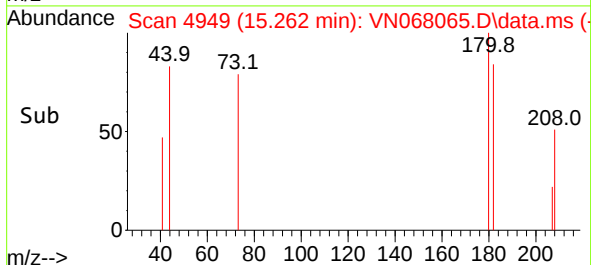
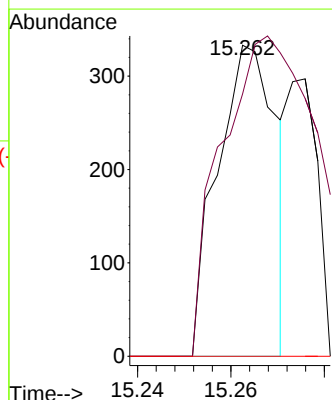
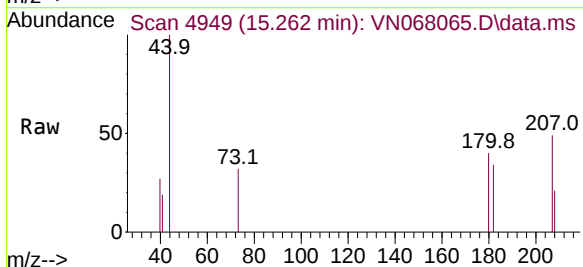
Instrument :
MSVOA_N
ClientSampled :

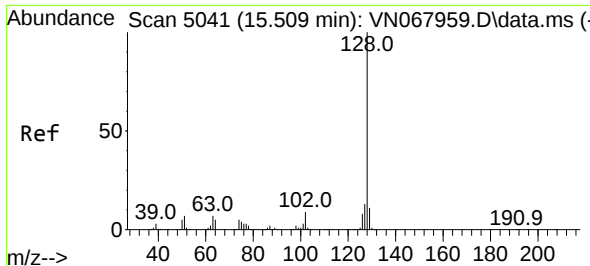
Tgt Ion: 75 Resp: 131573
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.57 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

Tgt Ion:180 Resp: 290
Ion Ratio Lower Upper
180 100
182 161.7 47.5 142.5#
145 0.0 17.2 51.6#

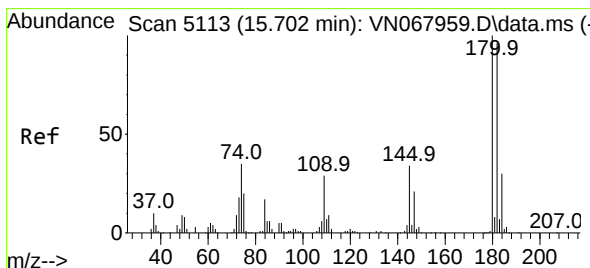
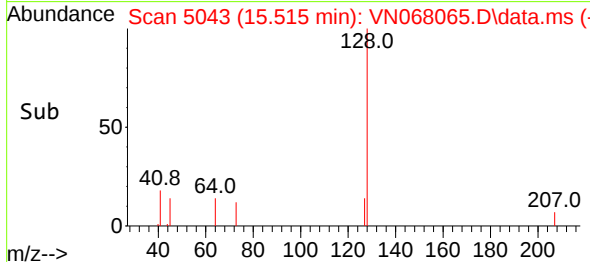
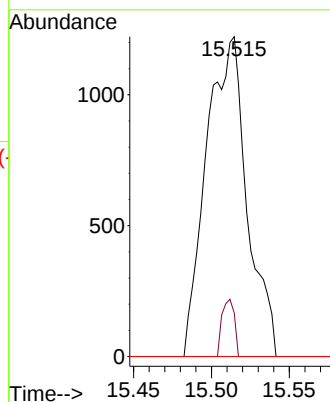
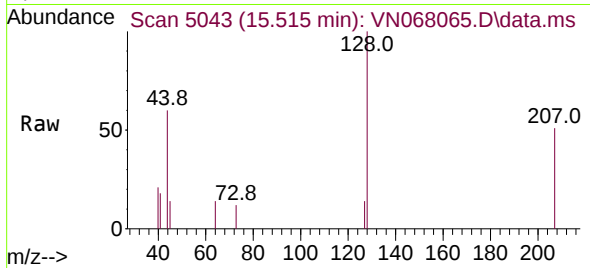




#95
Naphthalene
Concen: 3.39 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.006 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 2214
Ion Ratio Lower Upper
128 100
127 5.4 10.6 15.8#
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.59 ug/l
RT: 15.710 min Scan# 5116
Delta R.T. 0.008 min
Lab File: VN068065.D
Acq: 11 Aug 2021 11:47

Tgt Ion:180 Resp: 574
Ion Ratio Lower Upper
180 100
182 68.1 47.8 143.3
145 0.0 18.2 54.6#

