

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069192.D
 Acq On : 26 Oct 2021 18:01
 Operator : JC/MD
 Sample : M4337-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 06:57:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

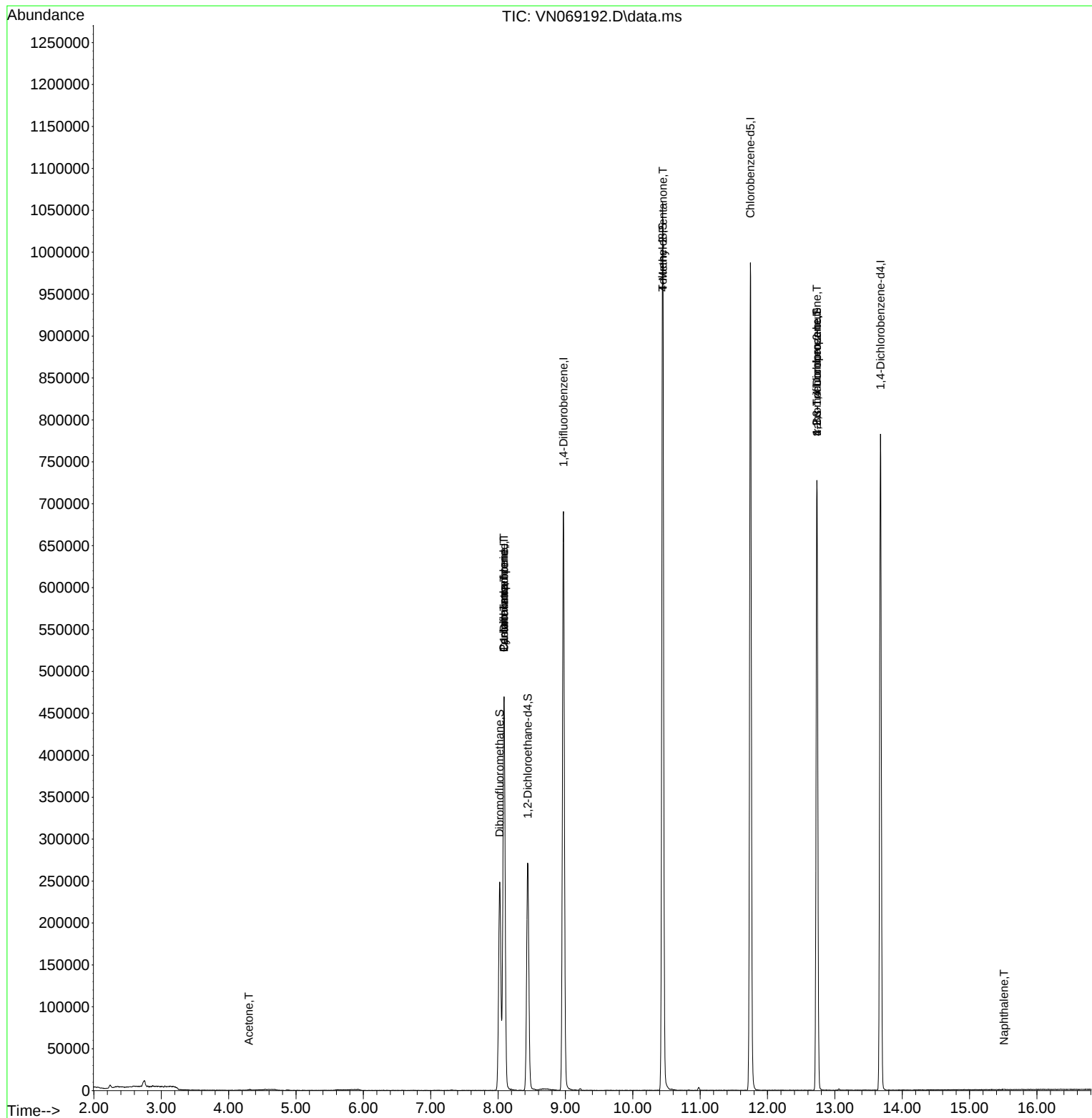
Internal Standards						
1) Pentafluorobenzene	8.088	168	354102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	615094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	578972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	210996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	229417	49.139	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.280%
35) Dibromofluoromethane	8.024	113	182270	50.932	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.860%
50) Toluene-d8	10.443	98	755127	52.737	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.480%
62) 4-Bromofluorobenzene	12.733	95	265871	49.214	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.420%
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	727	0.417	ug/l	95
31) Cyclohexane	8.088	56	7974	1.098	ug/l #	4
36) 1,1-Dichloropropene	8.088	75	29767	5.666	ug/l #	49
38) Carbon Tetrachloride	8.088	117	38180	6.617	ug/l #	16
51) 4-Methyl-2-Pentanone	10.446	43	3438	0.619	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	140266	31.244	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	140266	74.749	ug/l #	12
95) Naphthalene	15.512	128	384	3.848	ug/l #	69

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

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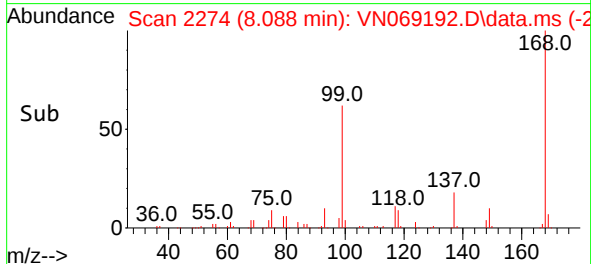
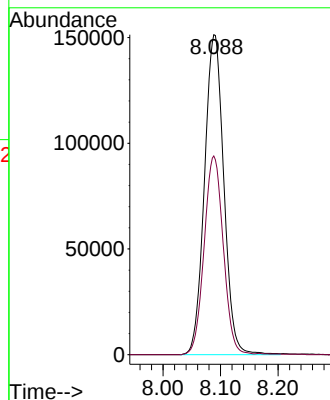
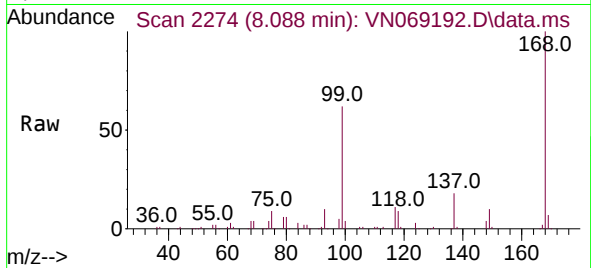




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069192.D
Acq: 26 Oct 2021 18:01

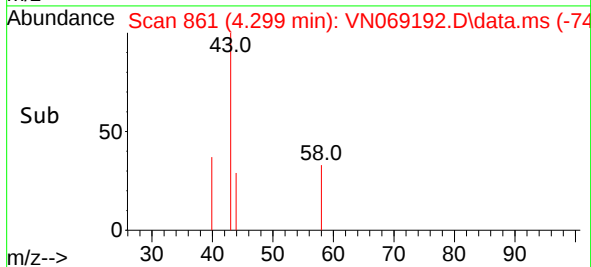
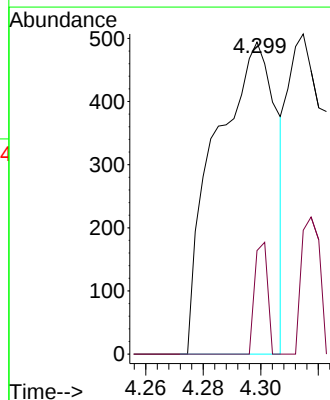
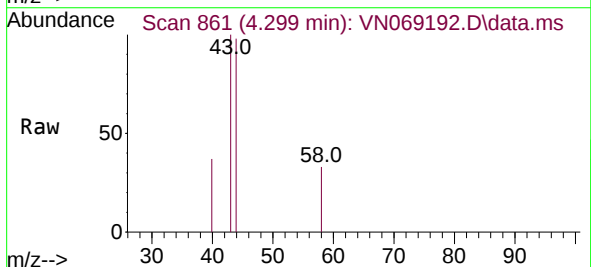
Instrument :
MSVOA_N
ClientSampled :

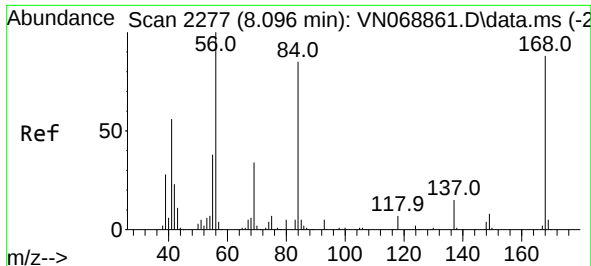
Tgt Ion:168 Resp: 354102
Ion Ratio Lower Upper
168 100
99 62.1 48.9 73.3



#16
Acetone
Concen: 0.417 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.013 min
Lab File: VN069192.D
Acq: 26 Oct 2021 18:01

Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
58 33.2 24.5 36.7

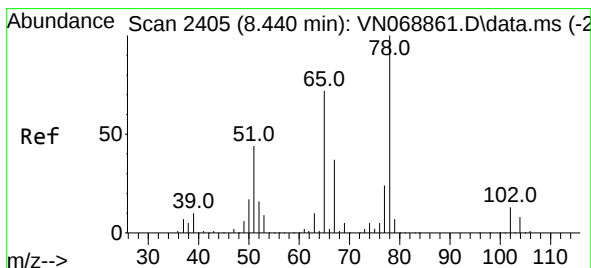
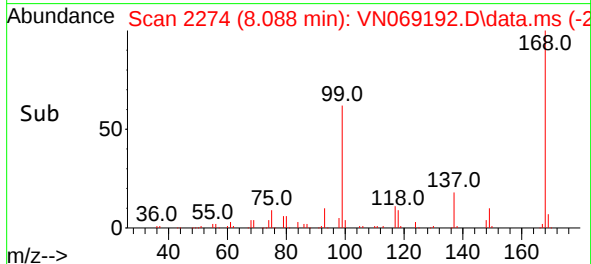
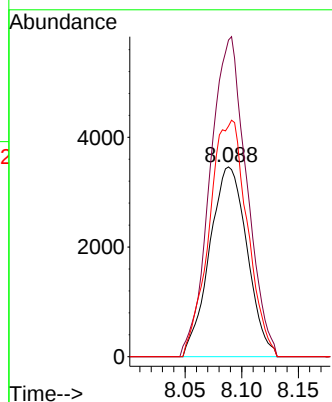
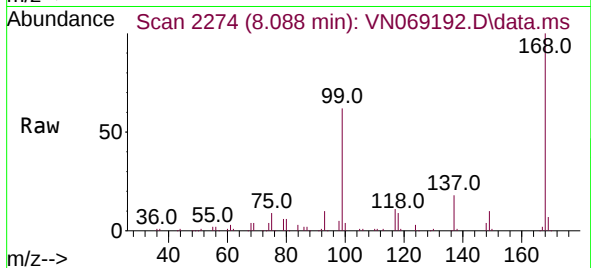




#31
Cyclohexane
Concen: 1.098 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069192.D
Acq: 26 Oct 2021 18:01

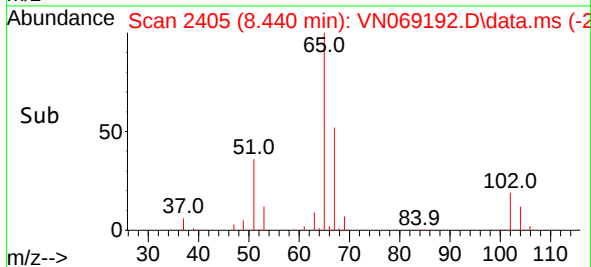
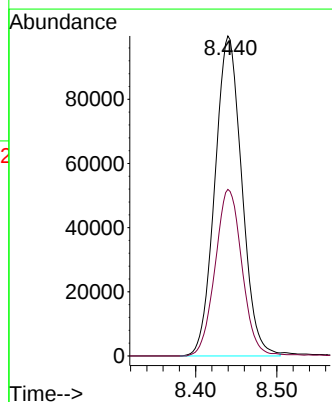
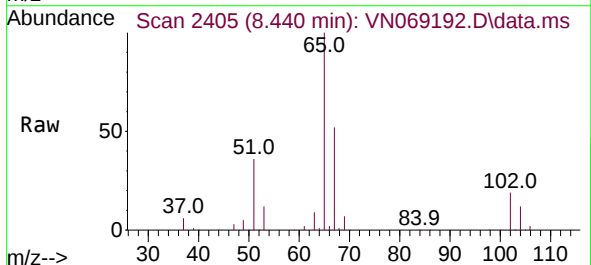
Instrument :
MSVOA_N
ClientSampled :

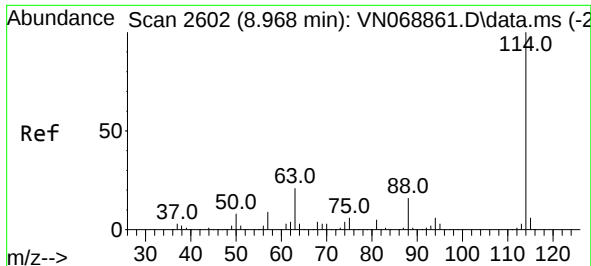
Tgt Ion: 56 Resp: 7974
Ion Ratio Lower Upper
56 100
69 166.9 26.9 40.3#
84 121.5 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.139 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069192.D
Acq: 26 Oct 2021 18:01

Tgt Ion: 65 Resp: 229417
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.8

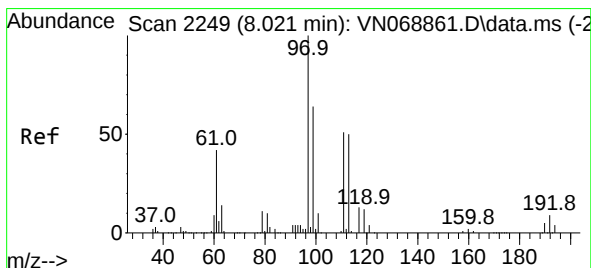
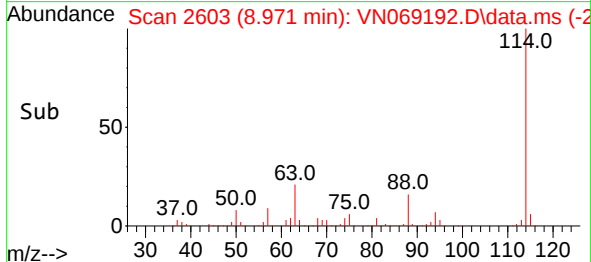
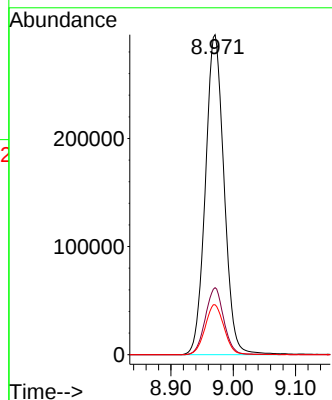
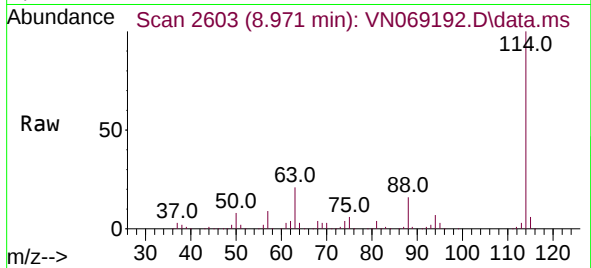




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069192.D
Acq: 26 Oct 2021 18:01

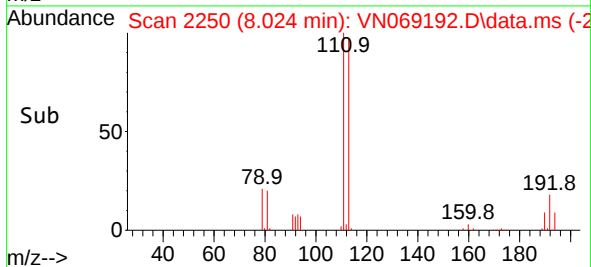
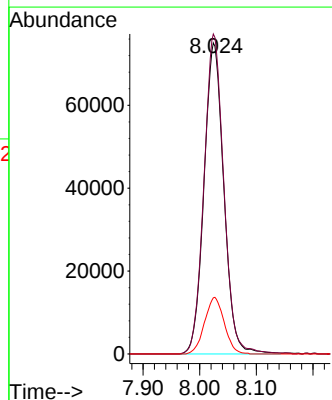
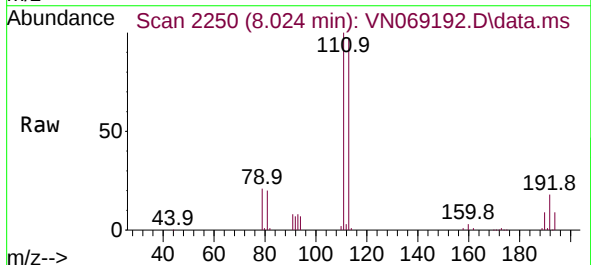
Instrument :
MSVOA_N
ClientSampled :

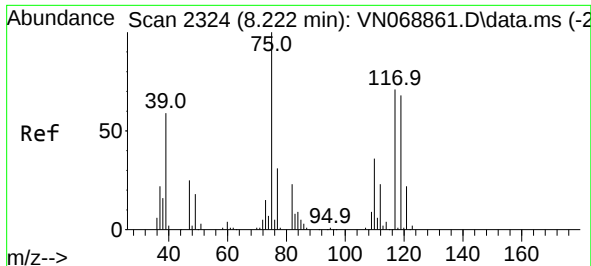
Tgt Ion:114 Resp: 615094
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.6
88 15.6 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.932 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069192.D
Acq: 26 Oct 2021 18:01

Tgt Ion:113 Resp: 182270
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 18.1 15.0 22.4

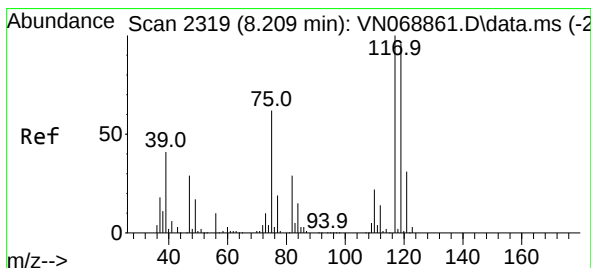
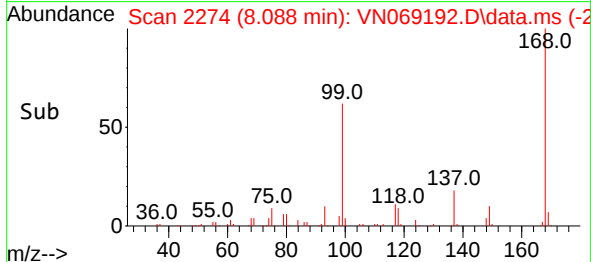
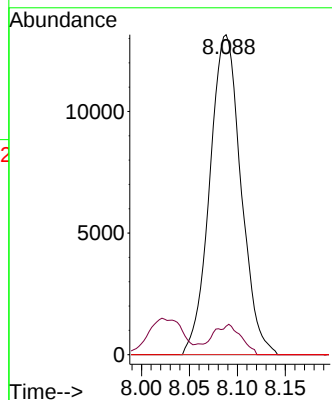
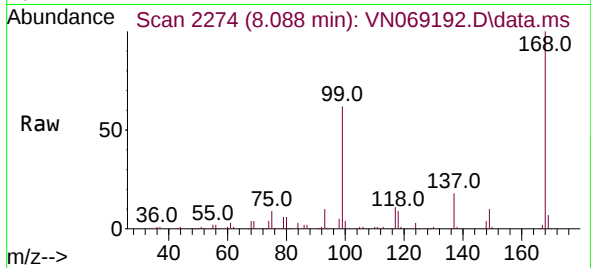




#36
1,1-Dichloropropene
Concen: 5.666 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069192.D
Acq: 26 Oct 2021 18:01

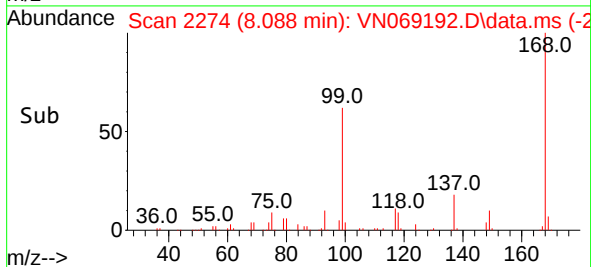
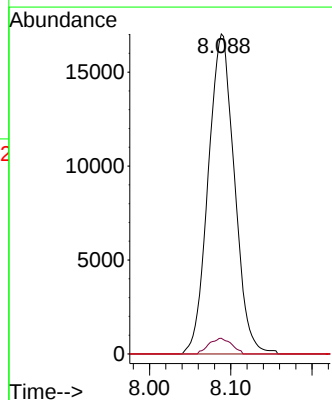
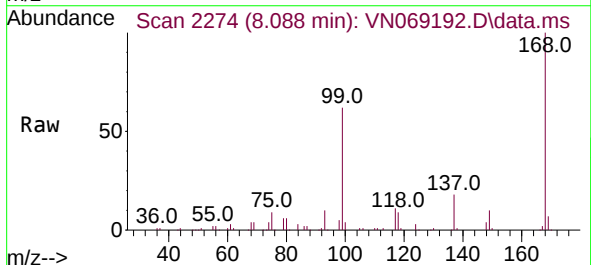
Instrument :
MSVOA_N
ClientSampled :

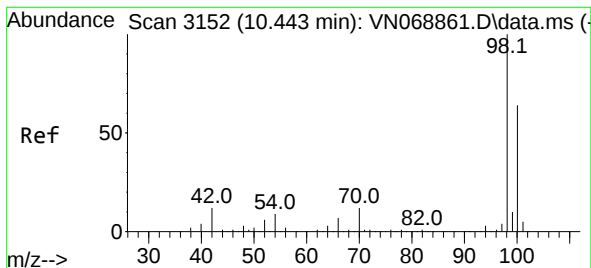
Tgt Ion: 75 Resp: 29767
Ion Ratio Lower Upper
75 100
110 8.5 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.617 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069192.D
Acq: 26 Oct 2021 18:01

Tgt Ion: 117 Resp: 38180
Ion Ratio Lower Upper
117 100
119 4.9 76.9 115.3#
121 0.0 24.6 37.0#

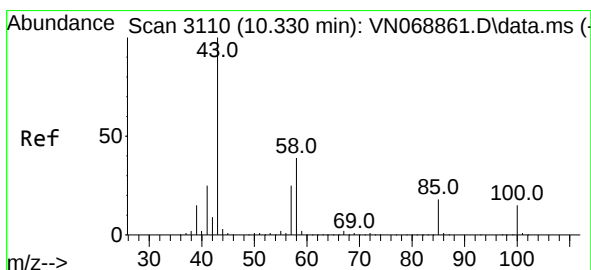
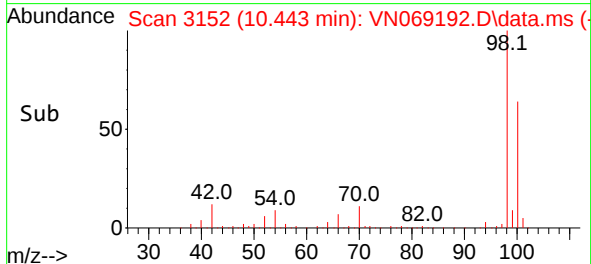
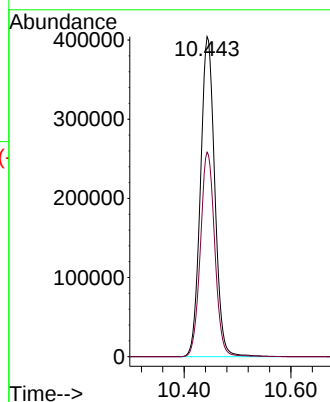
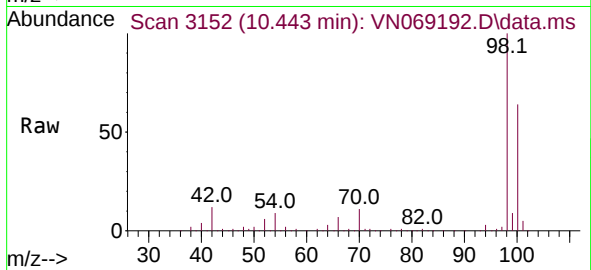




#50
Toluene-d8
Concen: 52.737 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069192.D
Acq: 26 Oct 2021 18:01

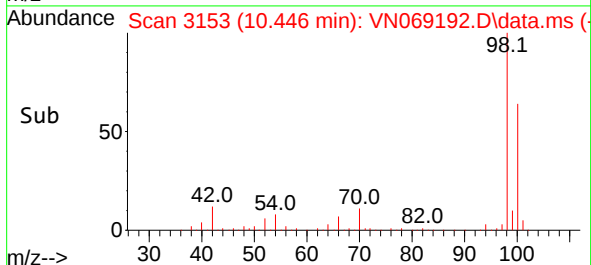
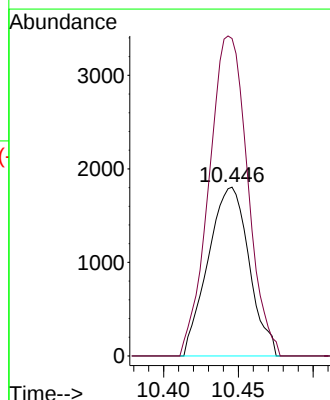
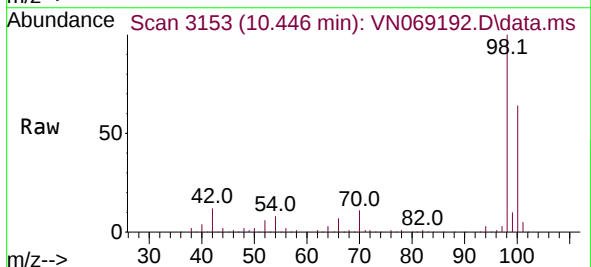
Instrument :
MSVOA_N
ClientSampled :

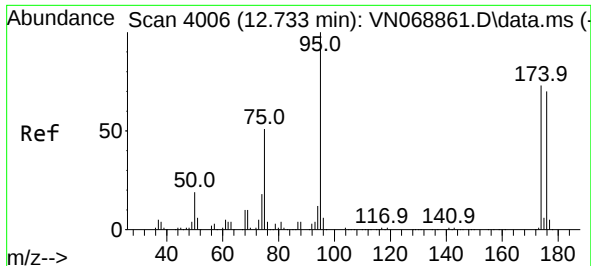
Tgt Ion: 98 Resp: 755127
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.619 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.115 min
Lab File: VN069192.D
Acq: 26 Oct 2021 18:01

Tgt Ion: 43 Resp: 3438
Ion Ratio Lower Upper
43 100
58 179.1 31.0 46.4#

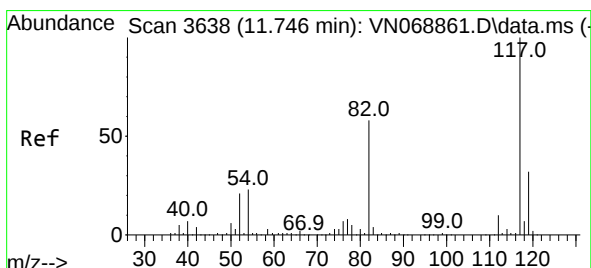
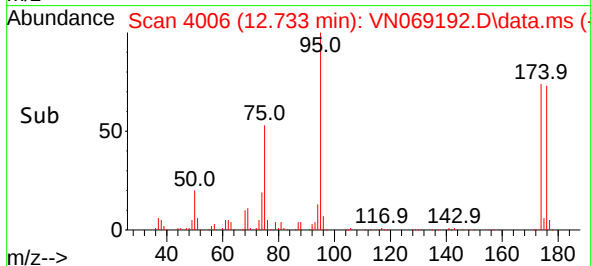
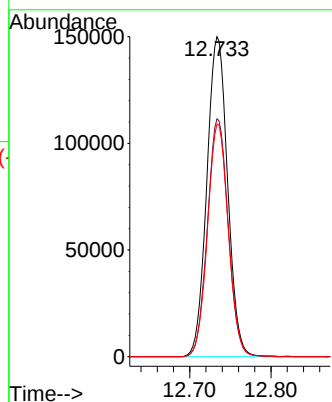
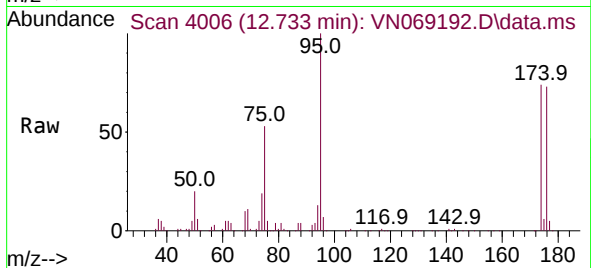




#62
4-Bromofluorobenzene
Concen: 49.214 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069192.D
Acq: 26 Oct 2021 18:01

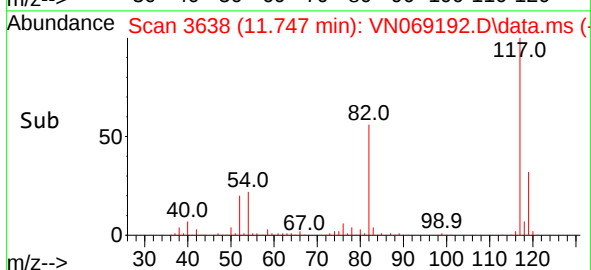
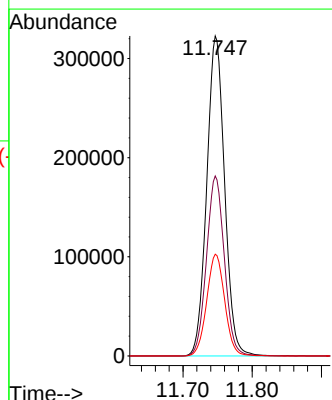
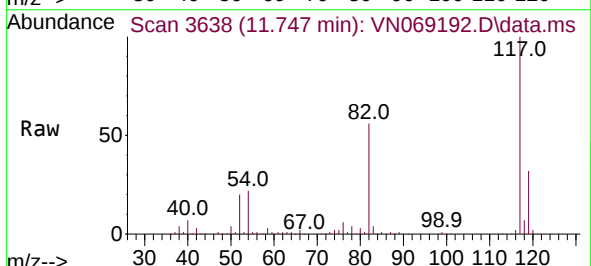
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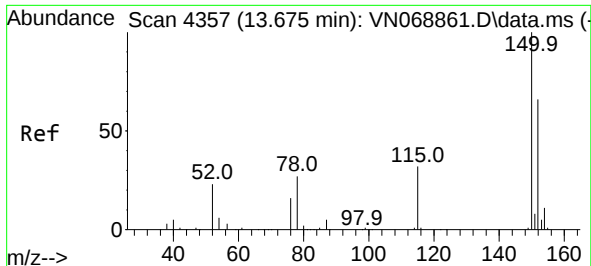
Tgt Ion: 95 Resp: 265871
Ion Ratio Lower Upper
95 100
174 74.5 0.0 144.8
176 72.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069192.D
Acq: 26 Oct 2021 18:01

Tgt Ion: 117 Resp: 578972
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 31.8 26.0 39.0

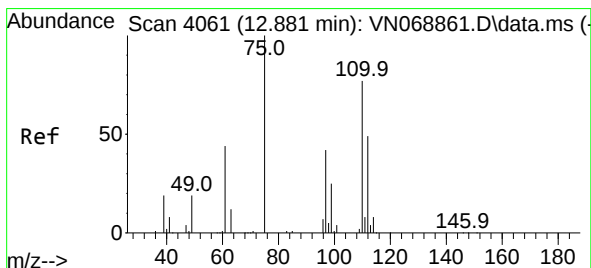
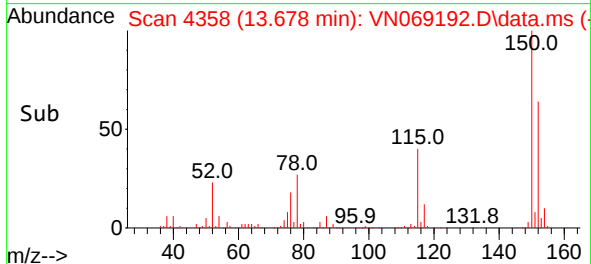
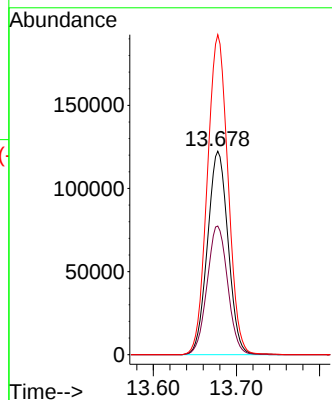
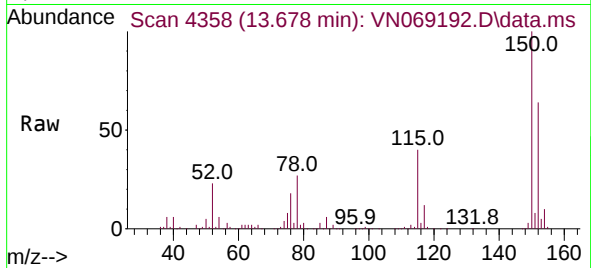




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069192.D
Acq: 26 Oct 2021 18:01

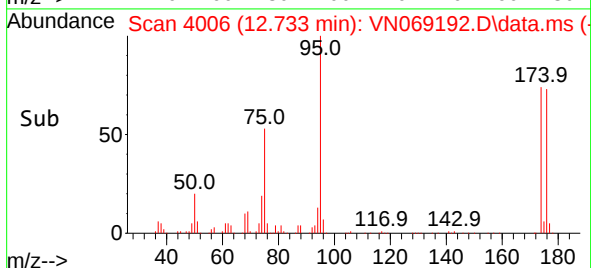
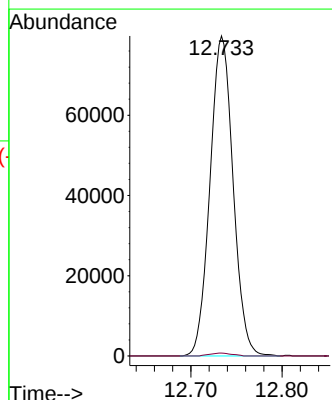
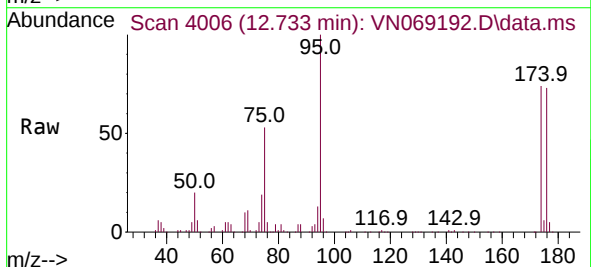
Instrument :
MSVOA_N
ClientSampled :

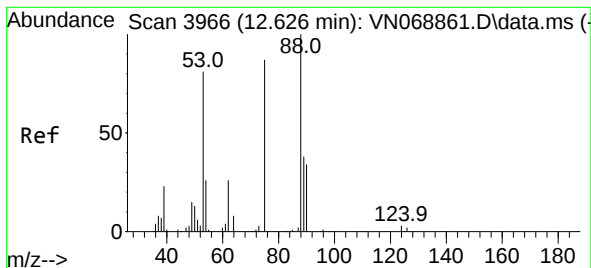
Tgt Ion:152 Resp: 210996
Ion Ratio Lower Upper
152 100
115 63.3 31.4 94.3
150 157.6 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 31.244 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069192.D
Acq: 26 Oct 2021 18:01

Tgt Ion: 75 Resp: 140266
Ion Ratio Lower Upper
75 100
77 0.9 96.2 288.4#

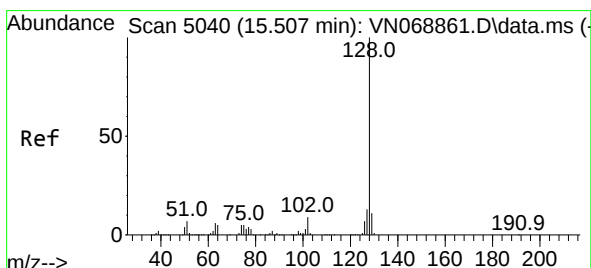
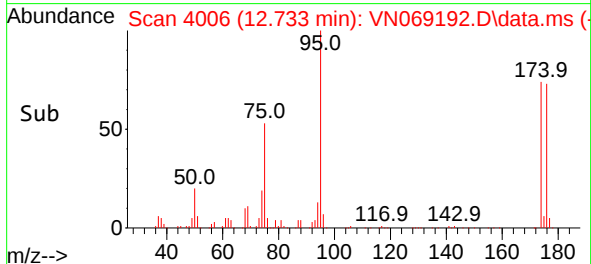
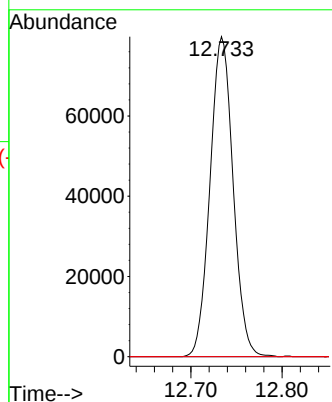
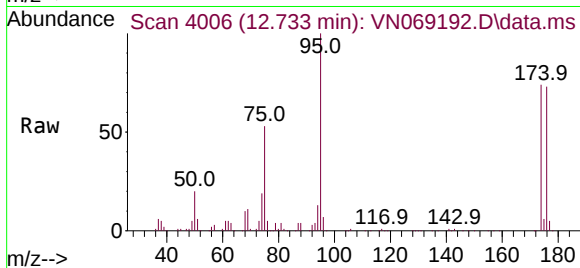




#81
trans-1,4-Dichloro-2-butene
Concen: 74.749 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069192.D
Acq: 26 Oct 2021 18:01

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 140266
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.848 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN069192.D
Acq: 26 Oct 2021 18:01

Tgt Ion:128 Resp: 384
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

