

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069219.D
 Acq On : 27 Oct 2021 15:32
 Operator : JC/MD
 Sample : M4337-22
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 28 05:21:33 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

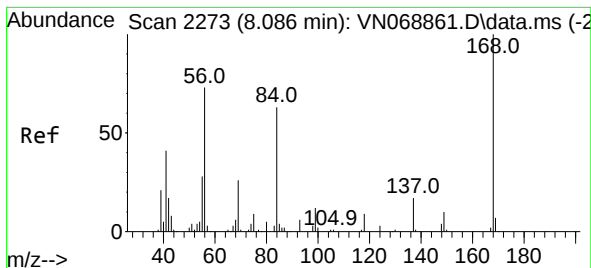
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	322907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	568196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	540558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	197174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	216396	50.828	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.660%			
35) Dibromofluoromethane	8.024	113	165672	50.115	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.240%			
50) Toluene-d8	10.443	98	701281	53.018	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.040%			
62) 4-Bromofluorobenzene	12.733	95	250925	50.281	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.560%			
Target Compounds						Qvalue
5) Bromomethane	2.888	94	567	0.257	ug/l #	67
11) Tert butyl alcohol	5.323	59	829	1.066	ug/l #	72
16) Acetone	4.299	43	1074	0.676	ug/l #	44
31) Cyclohexane	8.088	56	7782	1.176	ug/l #	17
36) 1,1-Dichloropropene	8.088	75	26500	5.460	ug/l #	49
38) Carbon Tetrachloride	8.088	117	34242	6.424	ug/l #	16
51) 4-Methyl-2-Pentanone	10.446	43	3123	0.609	ug/l #	1
60) Dibromochloromethane	10.979	129	15271	3.609	ug/l #	10
64) Tetrachloroethene	10.979	164	15209	4.368	ug/l	96
76) 1,2,3-Trichloropropane	12.733	75	134021	31.945	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	134021	76.428	ug/l #	12
95) Naphthalene	15.504	128	787	3.891	ug/l #	69

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

Quant Time: Oct 28 05:21:33 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.002 min

Lab File: VN069219.D

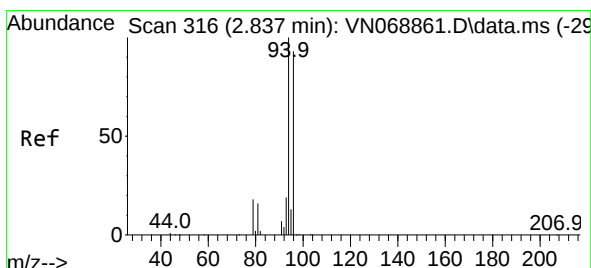
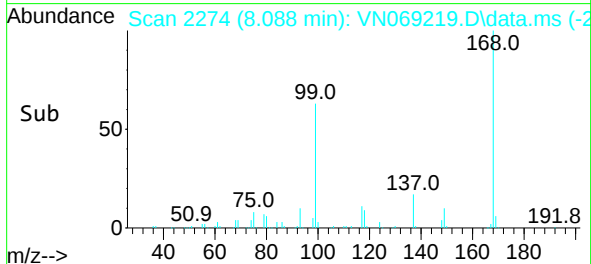
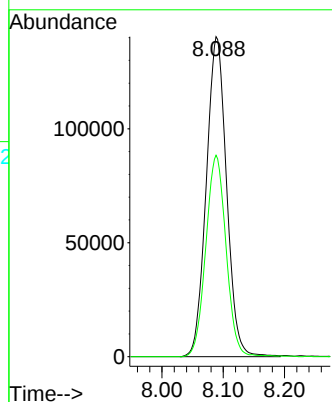
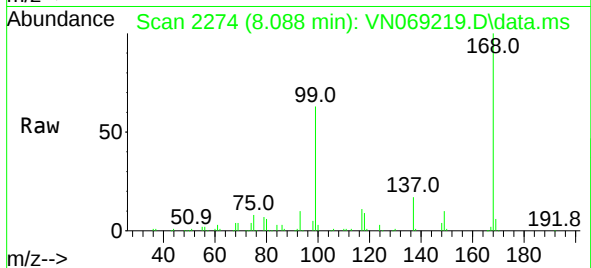
Acq: 27 Oct 2021 15:32

Tgt Ion:168 Resp: 322907

Ion Ratio Lower Upper

168 100

99 62.9 48.9 73.3



#5

Bromomethane

Concen: 0.257 ug/l

RT: 2.888 min Scan# 335

Delta R.T. 0.051 min

Lab File: VN069219.D

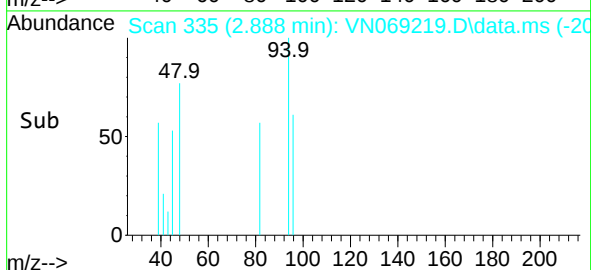
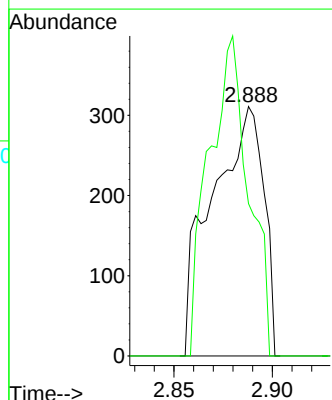
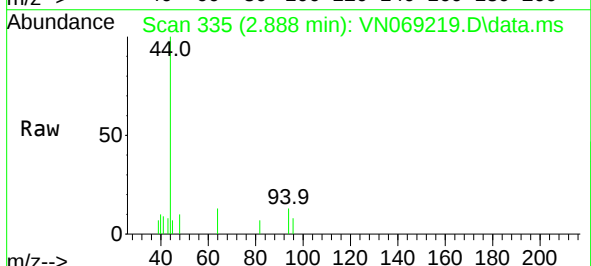
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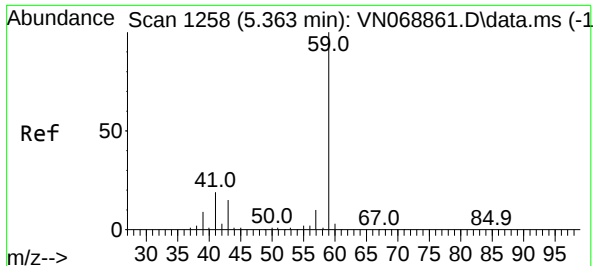
Tgt Ion: 94 Resp: 567

Ion Ratio Lower Upper

94 100

96 61.1 74.2 111.4#



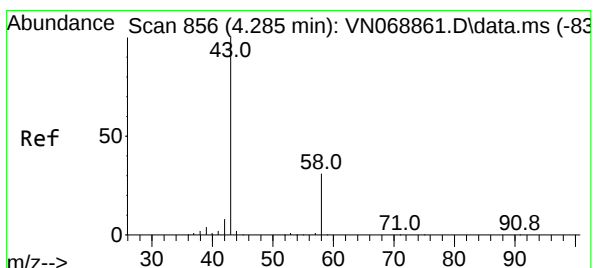
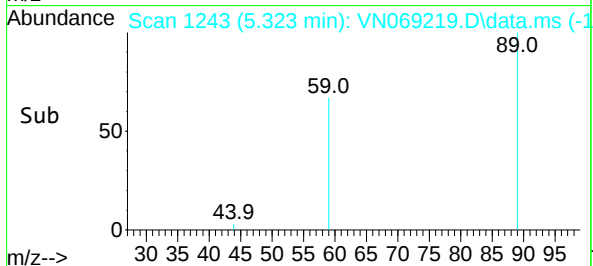
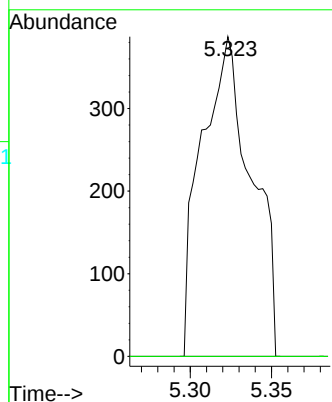
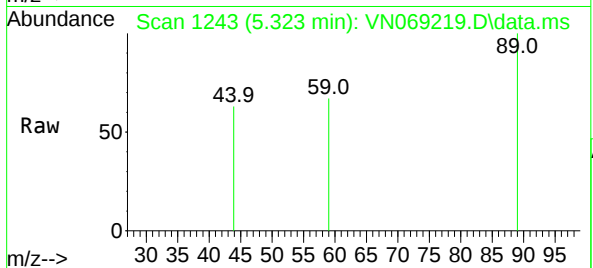


#11

Tert butyl alcohol
Concen: 1.066 ug/l
RT: 5.323 min Scan# 1243
Delta R.T. -0.040 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

Instrument :
MSVOA_N
ClientSampled :

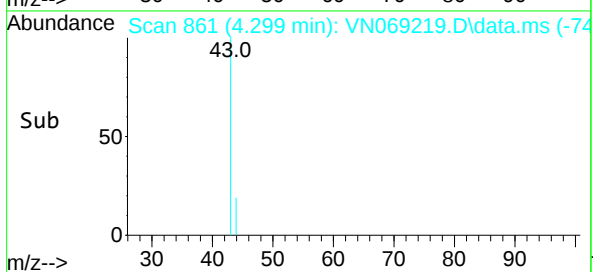
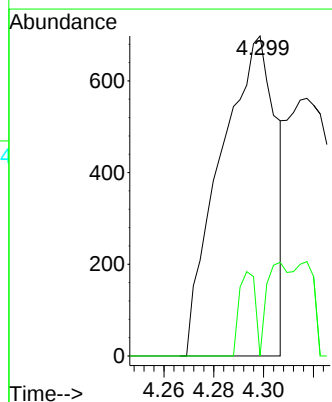
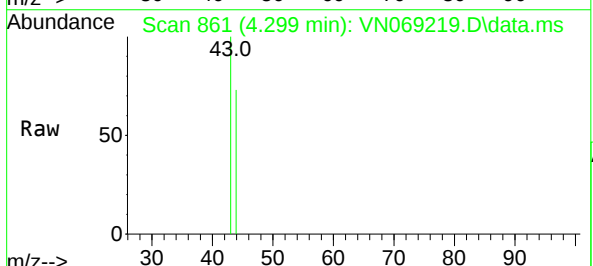
Tgt Ion: 59 Resp: 829
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

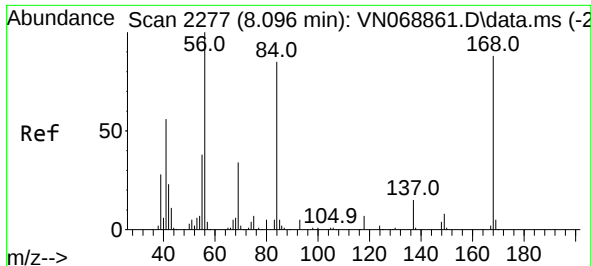


#16

Acetone
Concen: 0.676 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.013 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#

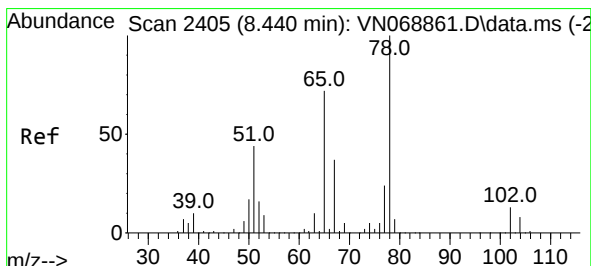
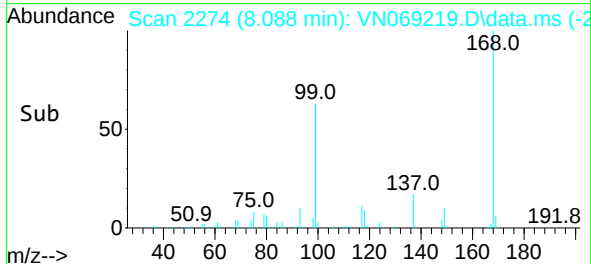
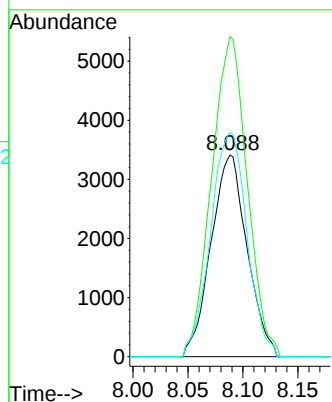
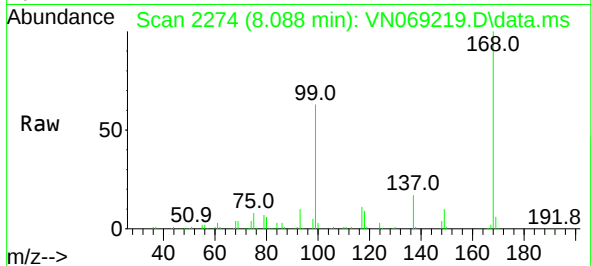




#31
Cyclohexane
Concen: 1.176 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

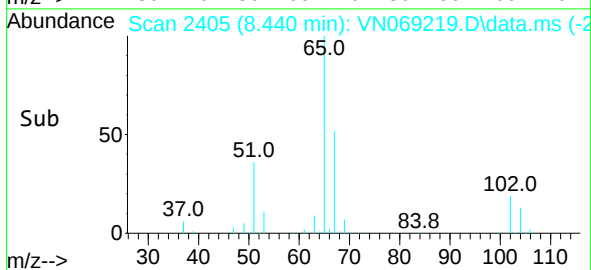
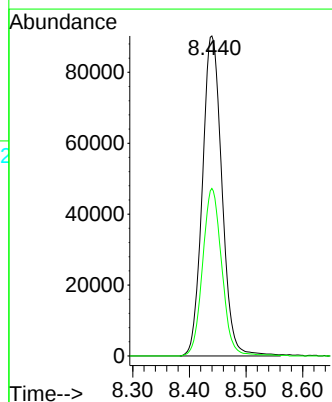
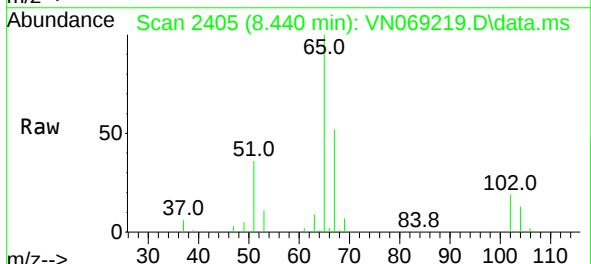
Instrument :
MSVOA_N
ClientSampled :

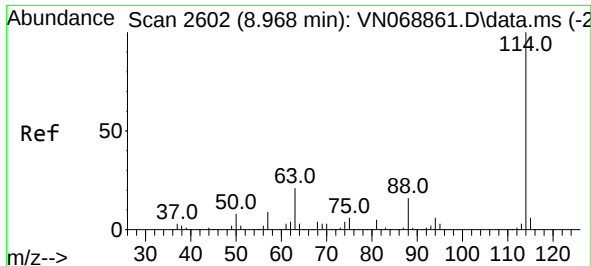
Tgt Ion: 56 Resp: 7782
Ion Ratio Lower Upper
56 100
69 158.7 26.9 40.3#
84 111.1 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 50.828 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

Tgt Ion: 65 Resp: 216396
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.8

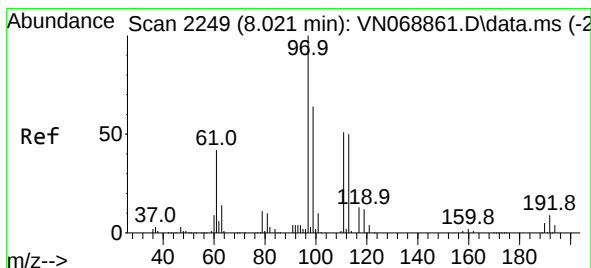
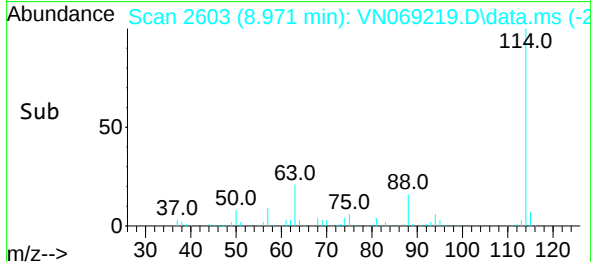
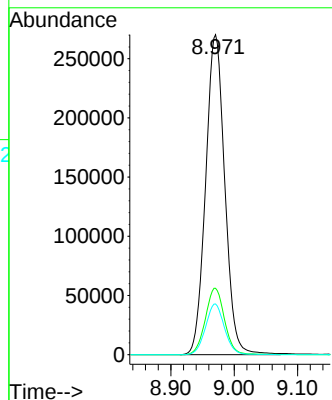
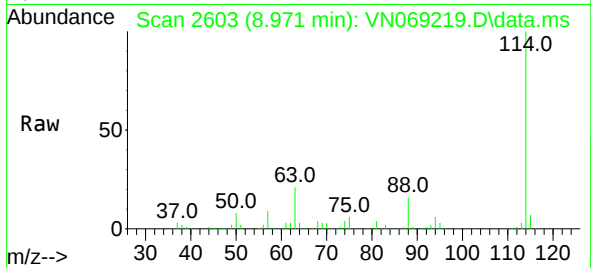




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

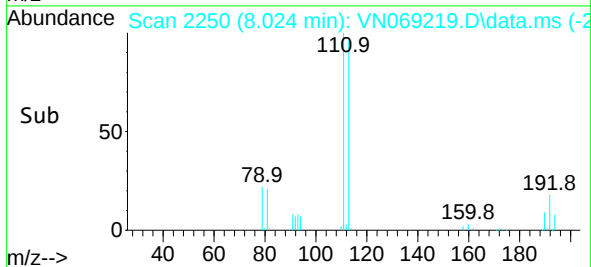
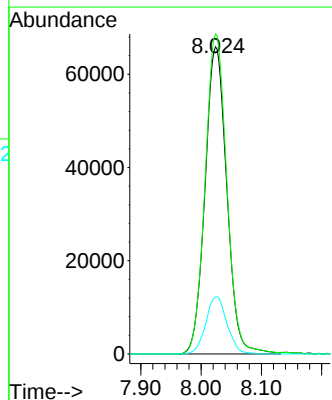
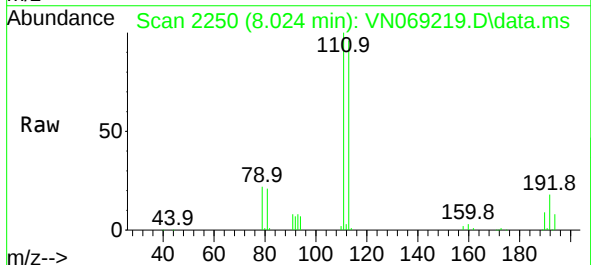
Instrument :
MSVOA_N
ClientSampled :

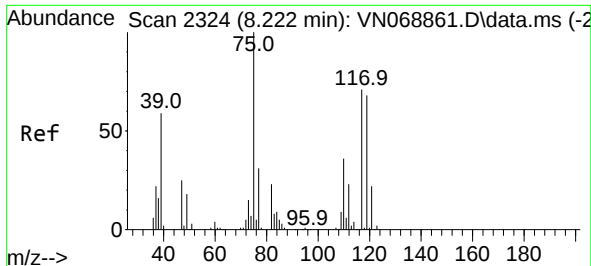
Tgt Ion:114 Resp: 568196
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 15.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.115 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

Tgt Ion:113 Resp: 165672
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 18.1 15.0 22.4

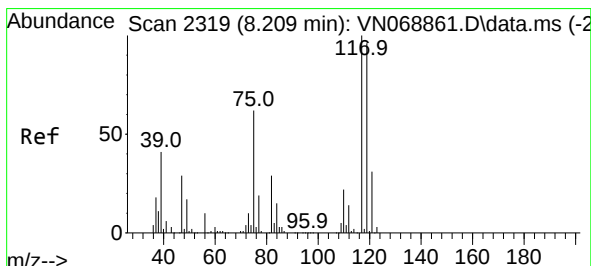
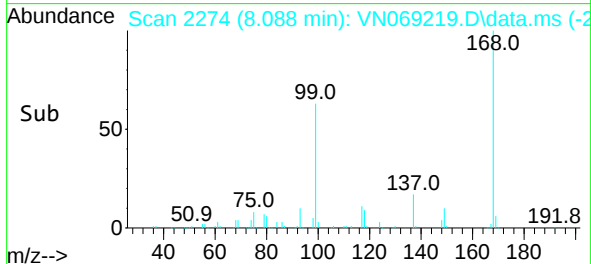
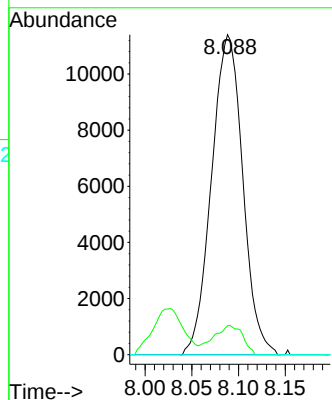
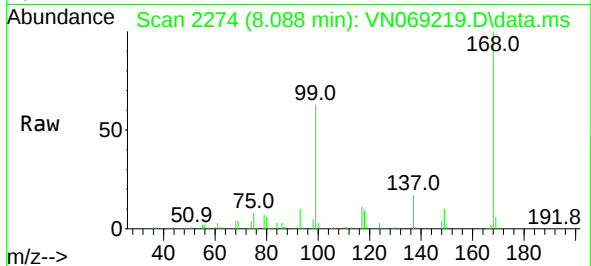




#36
1,1-Dichloropropene
Concen: 5.460 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

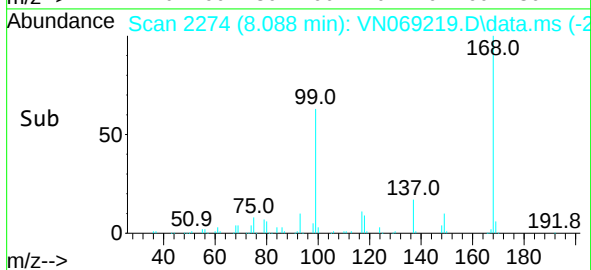
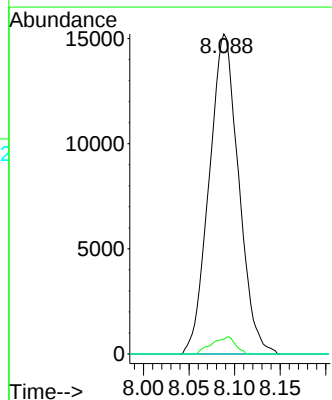
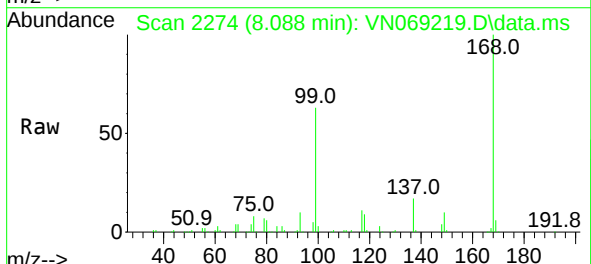
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MSVOA_N
ClientSampled :

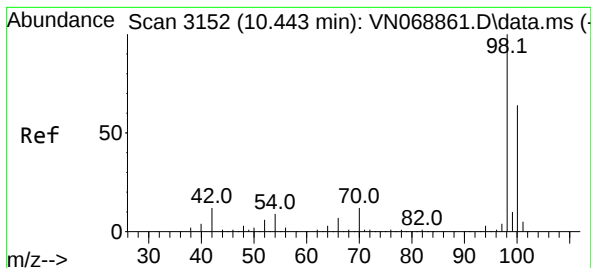
Tgt Ion: 75 Resp: 26500
Ion Ratio Lower Upper
75 100
110 8.6 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.424 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

Tgt Ion: 117 Resp: 34242
Ion Ratio Lower Upper
117 100
119 4.7 76.9 115.3#
121 0.0 24.6 37.0#

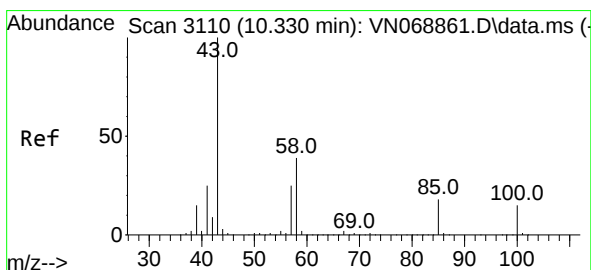
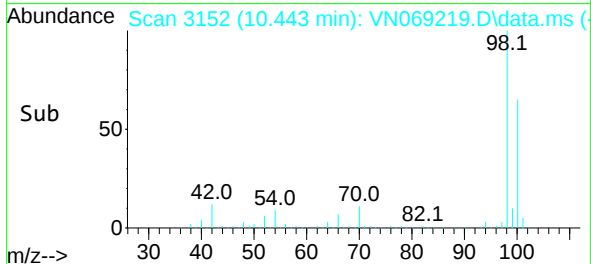
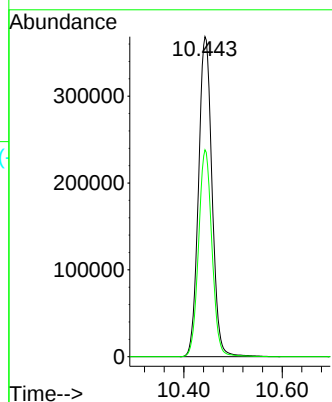
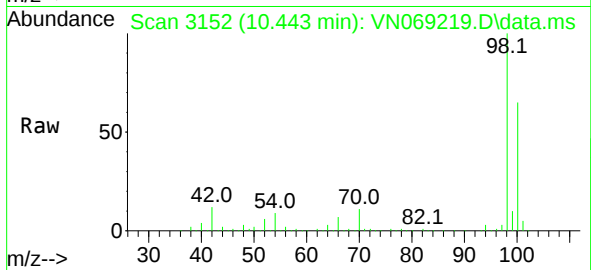




#50
Toluene-d8
Concen: 53.018 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

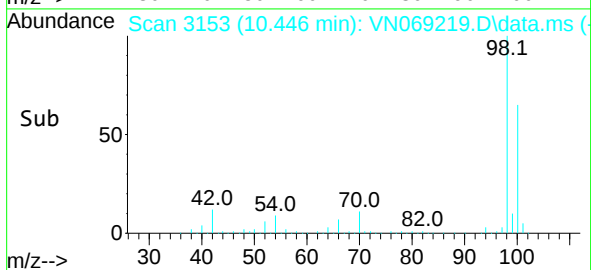
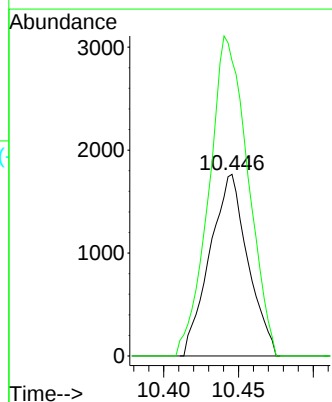
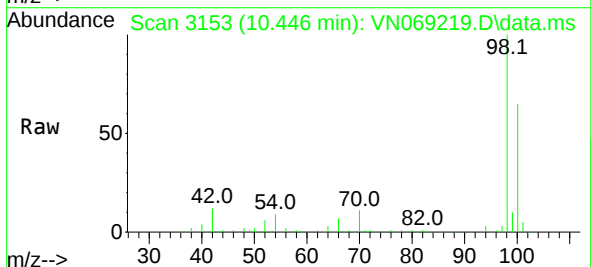
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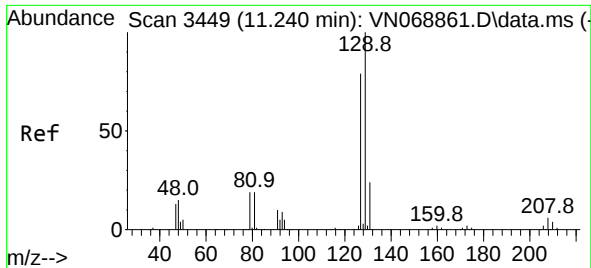
Tgt Ion: 98 Resp: 701281
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.609 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.115 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

Tgt Ion: 43 Resp: 3123
Ion Ratio Lower Upper
43 100
58 180.9 31.0 46.4#

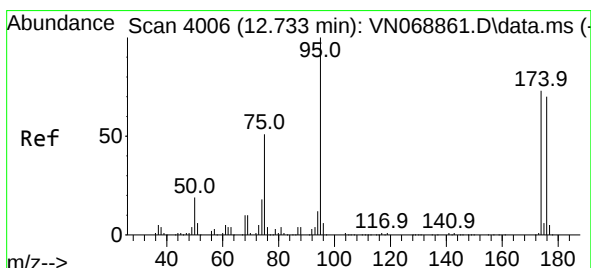
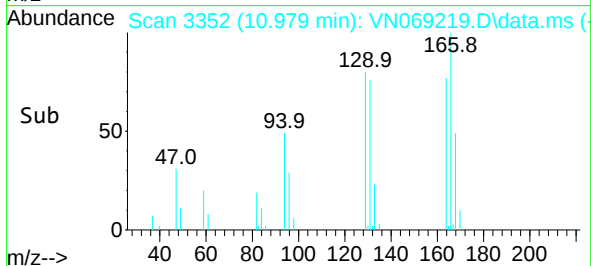
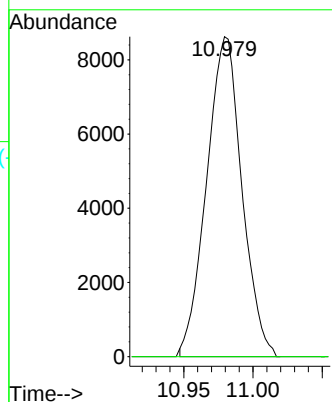
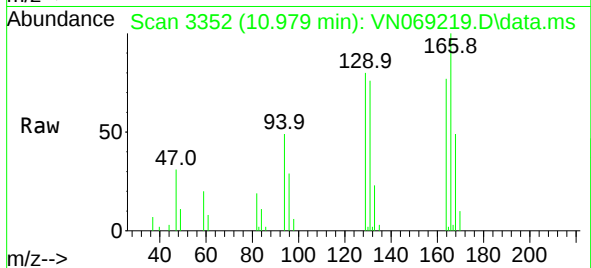




#60
Dibromochloromethane
Concen: 3.609 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.260 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

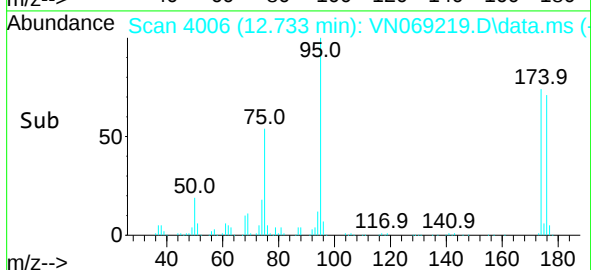
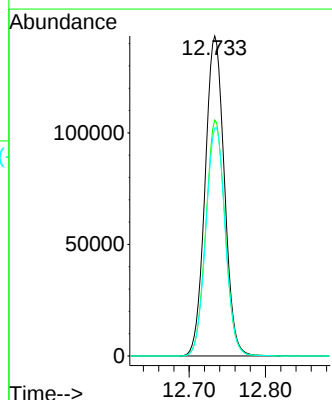
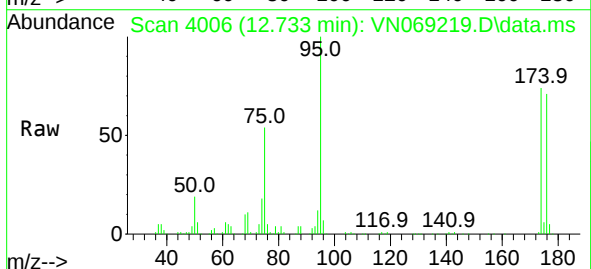
Instrument :
MSVOA_N
ClientSampled :

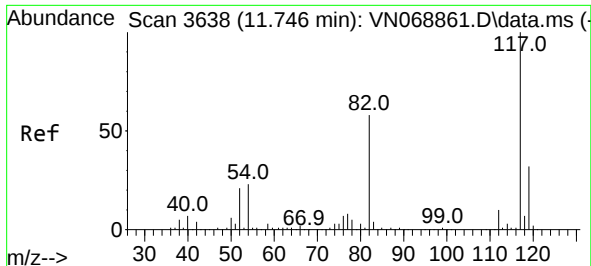
Tgt Ion:129 Resp: 15271
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#



#62
4-Bromofluorobenzene
Concen: 50.281 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

Tgt Ion: 95 Resp: 250925
Ion Ratio Lower Upper
95 100
174 73.9 0.0 144.8
176 71.9 0.0 140.0

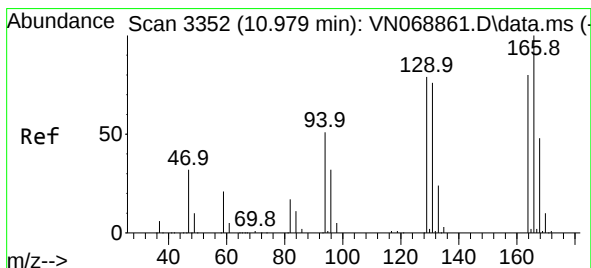
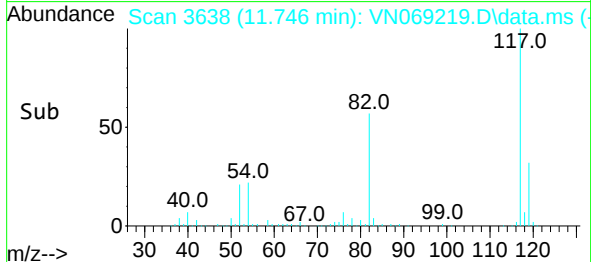
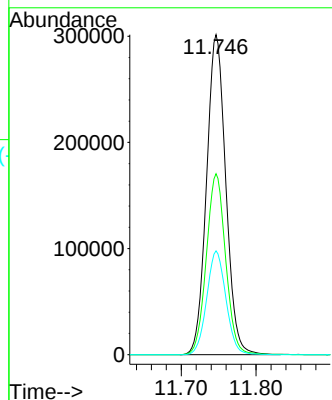
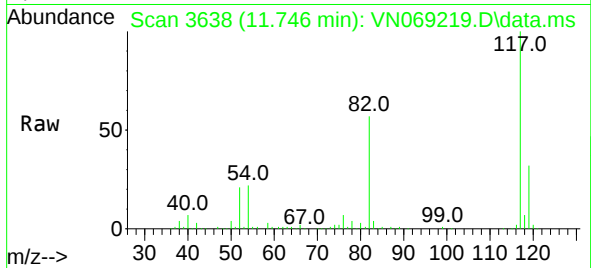




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

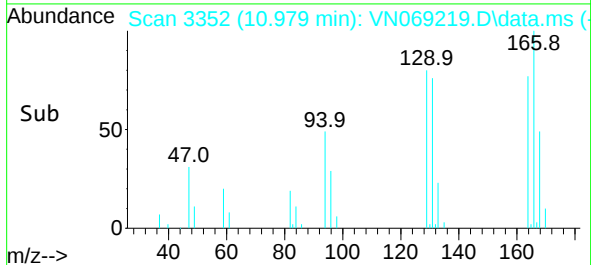
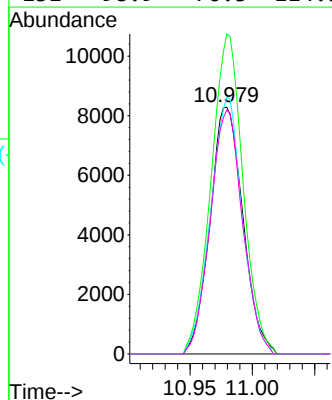
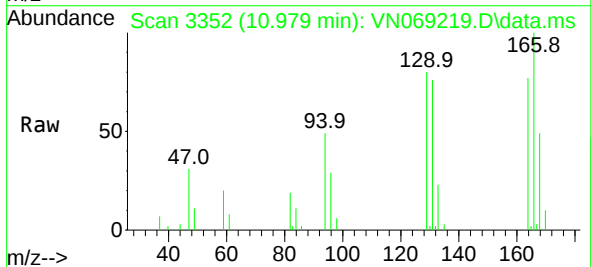
Instrument :
MSVOA_N
ClientSampleId :

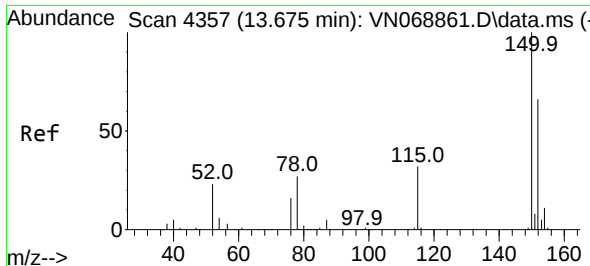
Tgt Ion:117 Resp: 540558
Ion Ratio Lower Upper
117 100
82 56.5 46.4 69.6
119 32.4 26.0 39.0



#64
Tetrachloroethene
Concen: 4.368 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

Tgt Ion:164 Resp: 15209
Ion Ratio Lower Upper
164 100
166 129.7 99.8 149.8
129 104.1 79.2 118.8
131 98.9 76.3 114.5

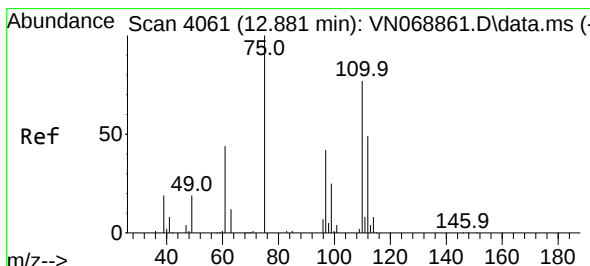
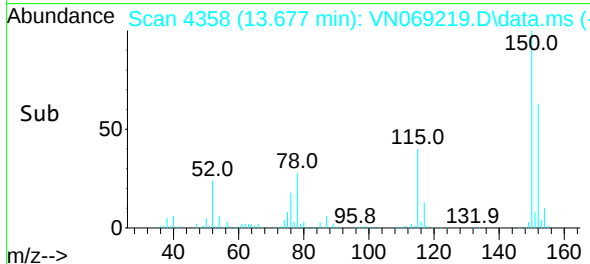
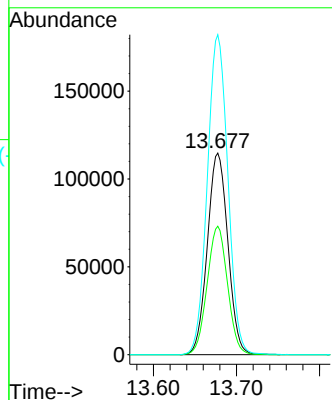
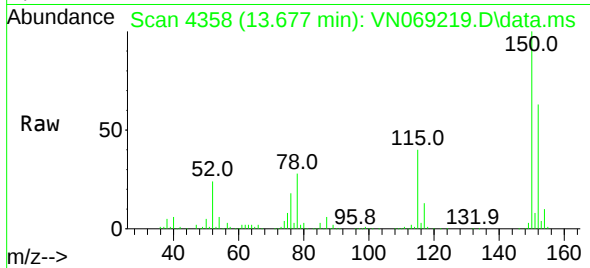




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069219.D
 Acq: 27 Oct 2021 15:32

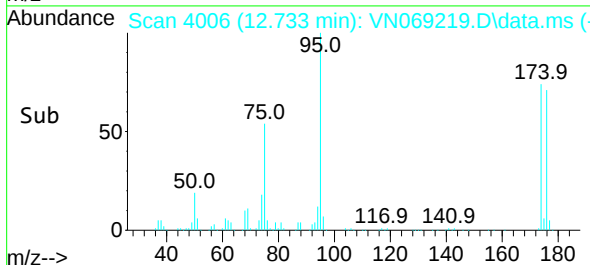
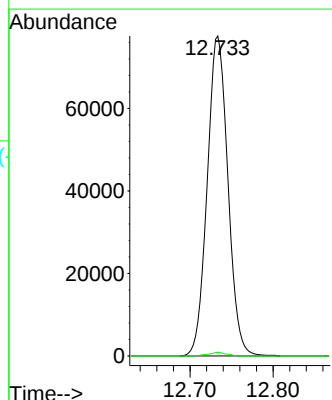
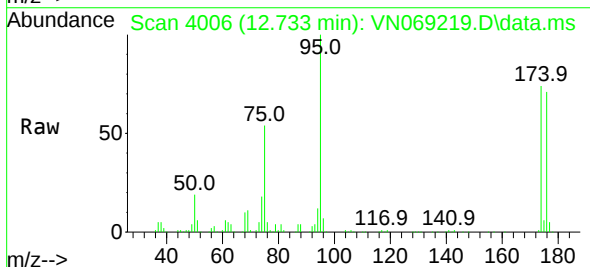
Instrument :
 MSVOA_N
 ClientSampled :

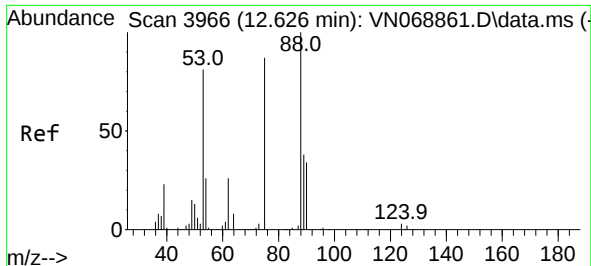
Tgt Ion:152 Resp: 197174
 Ion Ratio Lower Upper
 152 100
 115 63.2 31.4 94.3
 150 158.8 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 31.945 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN069219.D
 Acq: 27 Oct 2021 15:32

Tgt Ion: 75 Resp: 134021
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.2 288.4#

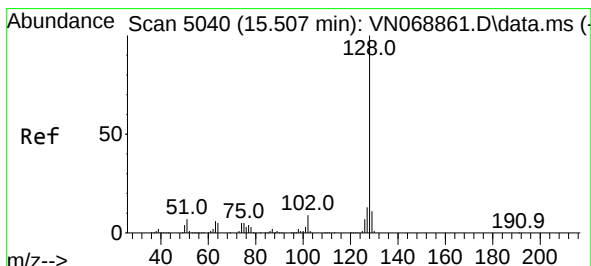
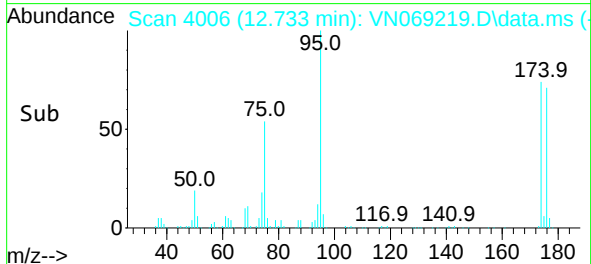
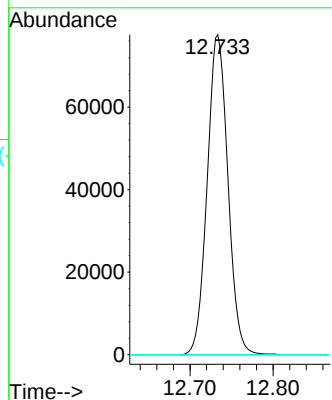
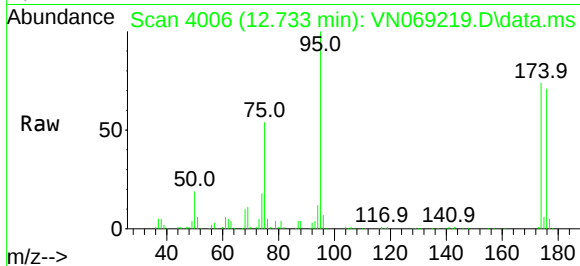




#81
trans-1,4-Dichloro-2-butene
Concen: 76.428 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 134021
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.891 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

Tgt Ion:128 Resp: 787
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

