

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069229.D
 Acq On : 27 Oct 2021 19:43
 Operator : JC/MD
 Sample : M4338-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 28 05:22:57 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)

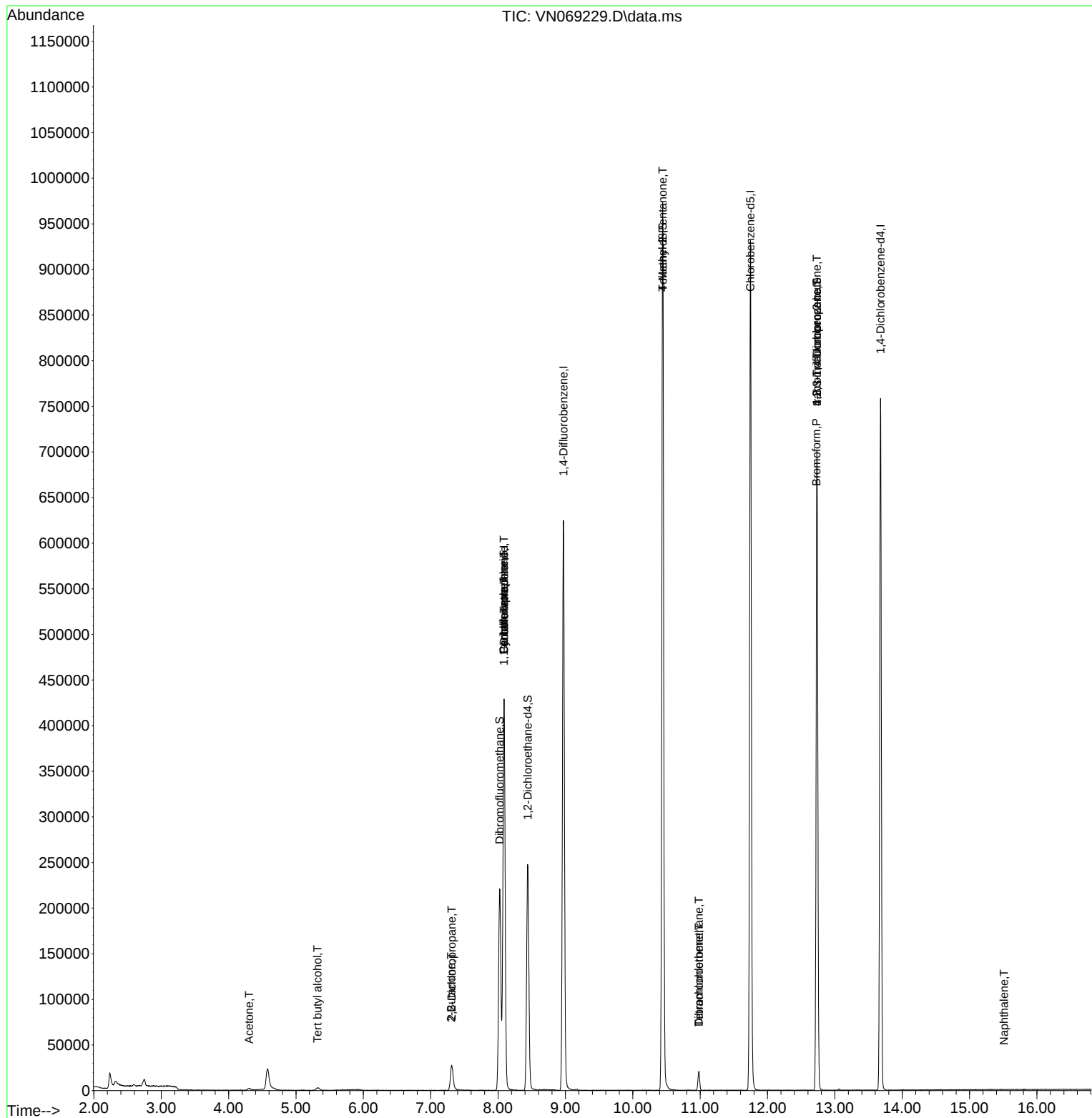
Internal Standards						
1) Pentafluorobenzene	8.088	168	319410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	555384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	546671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	201808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	213899	50.792	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.580%			
35) Dibromofluoromethane	8.024	113	164050	50.769	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.540%			
50) Toluene-d8	10.443	98	704514	54.492	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.980%			
62) 4-Bromofluorobenzene	12.733	95	254254	52.124	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.240%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.318	59	1757	2.283	ug/l #	72
16) Acetone	4.304	43	3961	2.520	ug/l #	86
25) 2-Butanone	7.305	43	743	0.313	ug/l #	48
26) 2,2-Dichloropropane	7.310	77	1892	0.318	ug/l #	53
31) Cyclohexane	8.088	56	7067	1.079	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	27099	5.712	ug/l #	48
38) Carbon Tetrachloride	8.088	117	33404	6.412	ug/l #	16
51) 4-Methyl-2-Pentanone	10.443	43	3254	0.649	ug/l #	1
60) Dibromochloromethane	10.982	129	4847	1.172	ug/l #	10
64) Tetrachloroethene	10.982	164	4836	1.373	ug/l	95
71) Bromoform	12.728	173	732	0.226	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	135165	31.478	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	135165	75.310	ug/l #	12
95) Naphthalene	15.509	128	127	3.824	ug/l #	69

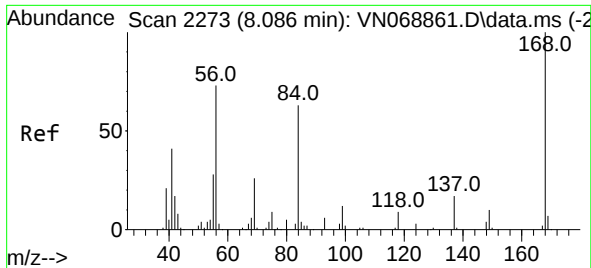
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
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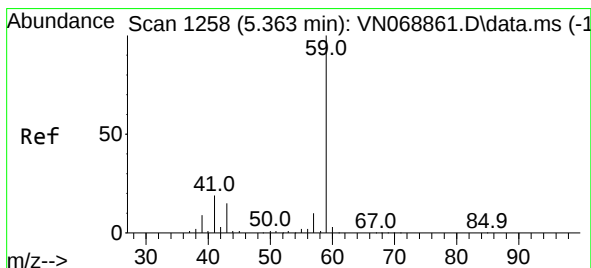
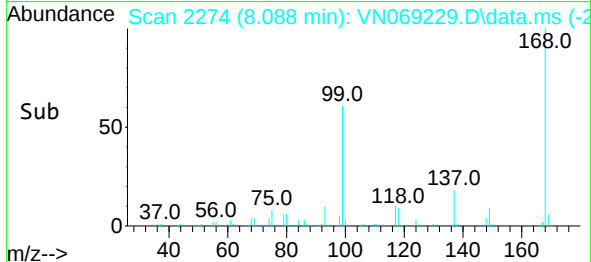
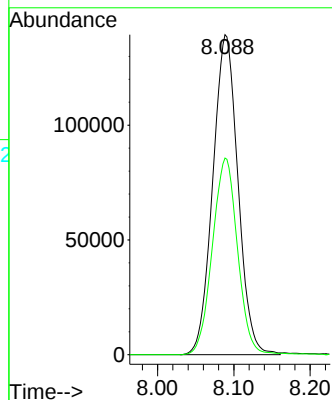
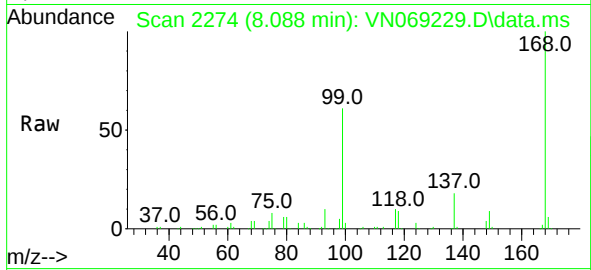




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

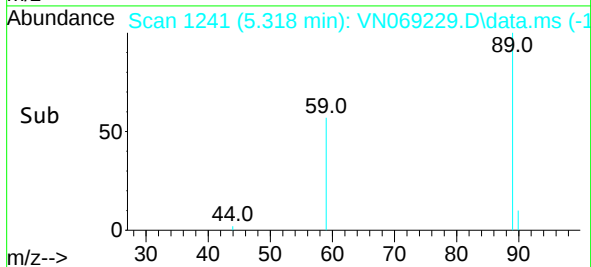
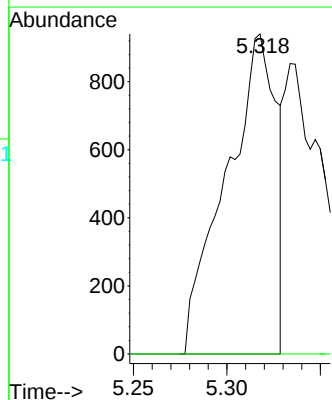
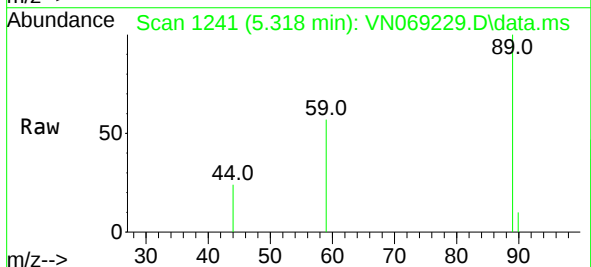
Instrument :
MSVOA_N
ClientSampled :

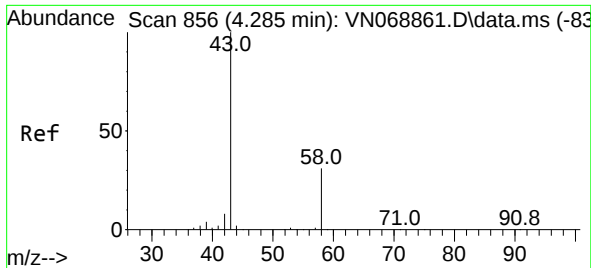
Tgt Ion:168 Resp: 319410
Ion Ratio Lower Upper
168 100
99 61.5 48.9 73.3



#11
Tert butyl alcohol
Concen: 2.283 ug/l
RT: 5.318 min Scan# 1241
Delta R.T. -0.046 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

Tgt Ion: 59 Resp: 1757
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

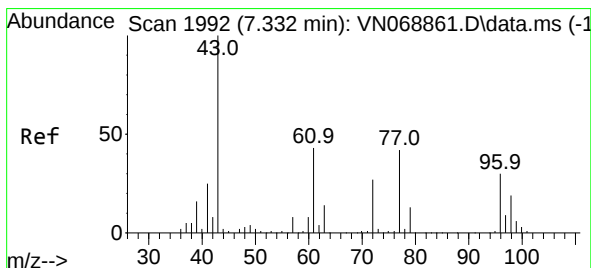
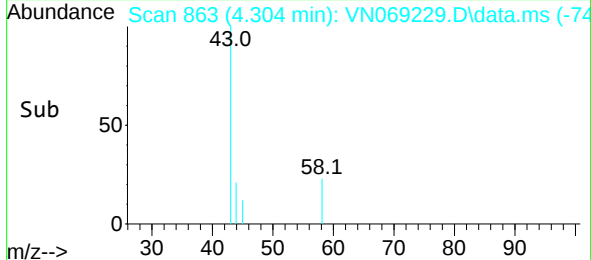
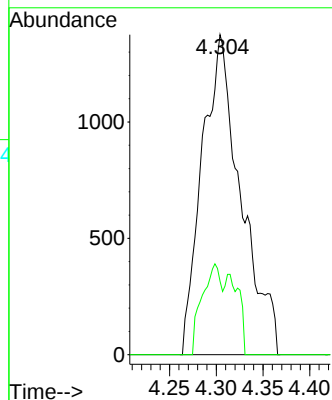
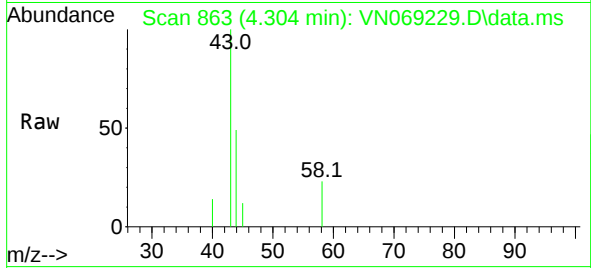




#16
Acetone
Concen: 2.520 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

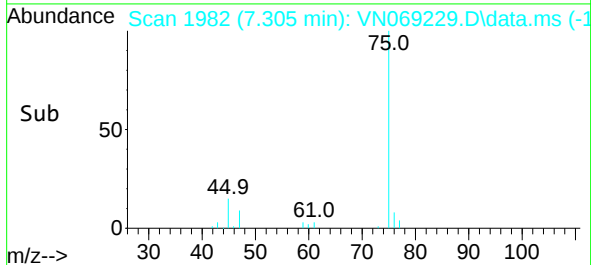
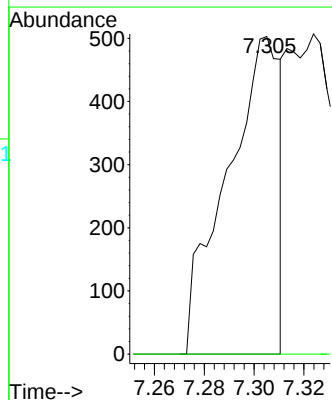
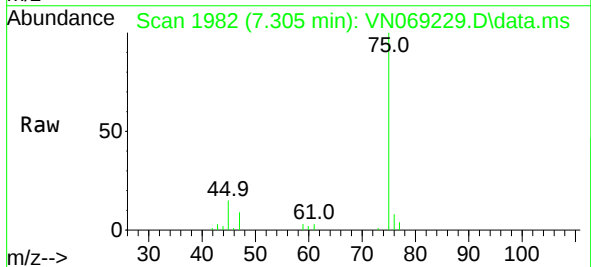
Instrument :
MSVOA_N
ClientSampled :

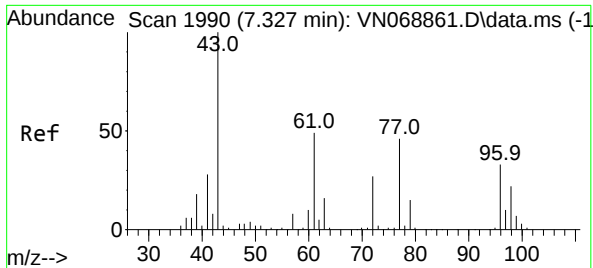
Tgt Ion: 43 Resp: 3961
Ion Ratio Lower Upper
43 100
58 23.0 24.5 36.7#



#25
2-Butanone
Concen: 0.313 ug/l
RT: 7.305 min Scan# 1982
Delta R.T. -0.027 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#

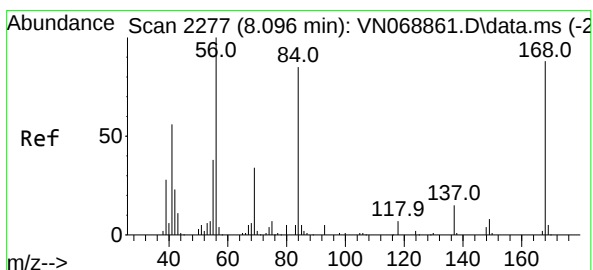
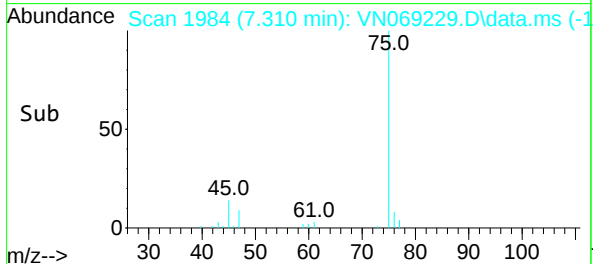
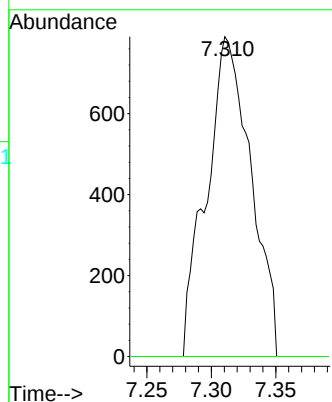
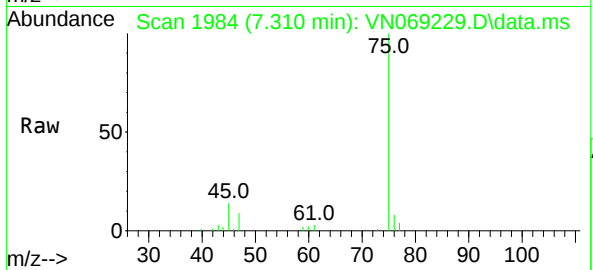




#26
2,2-Dichloropropane
Concen: 0.318 ug/l
RT: 7.310 min Scan# 1984
Delta R.T. -0.016 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

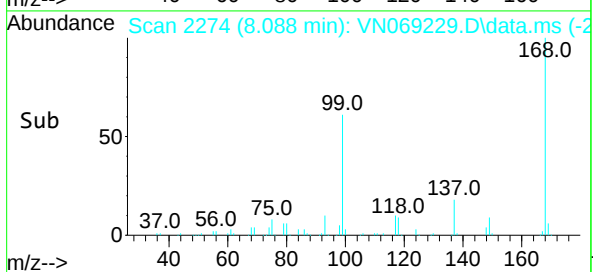
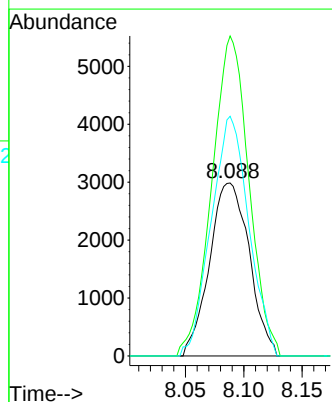
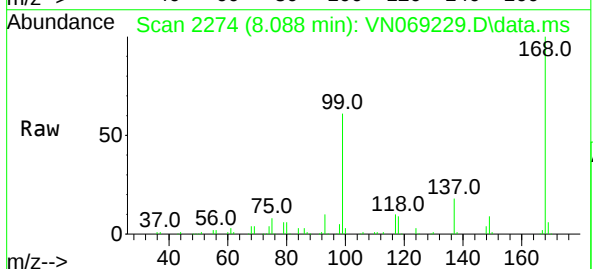
Instrument :
MSVOA_N
ClientSampled :

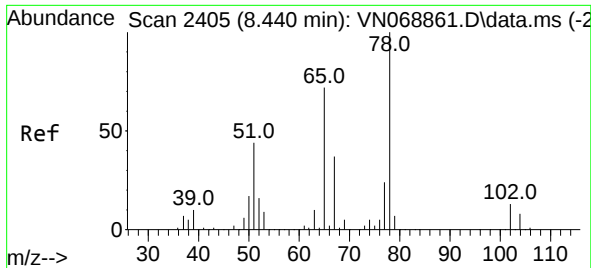
Tgt Ion: 77 Resp: 1892
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



#31
Cyclohexane
Concen: 1.079 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

Tgt Ion: 56 Resp: 7067
Ion Ratio Lower Upper
56 100
69 185.0 26.9 40.3#
84 138.5 67.6 101.4#

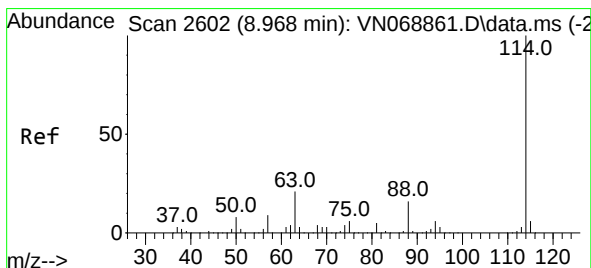
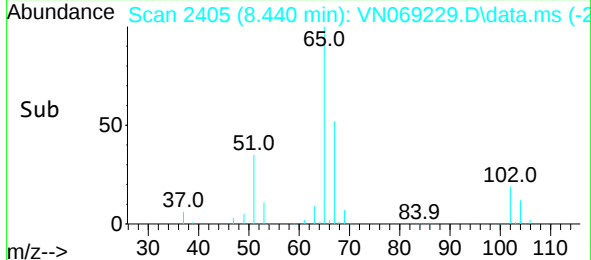
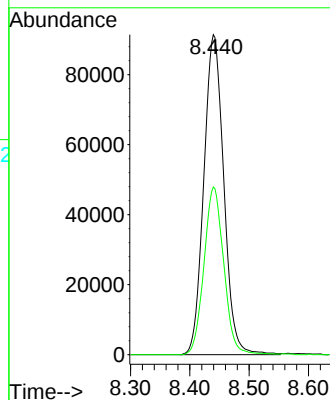
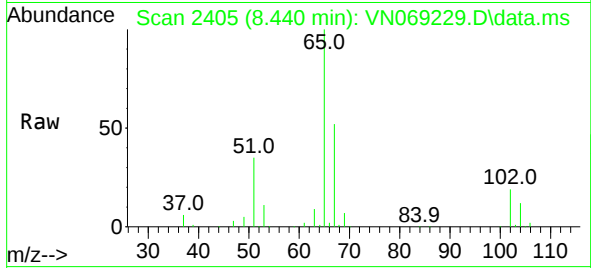




#33
 1,2-Dichloroethane-d4
 Concen: 50.792 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069229.D
 Acq: 27 Oct 2021 19:43

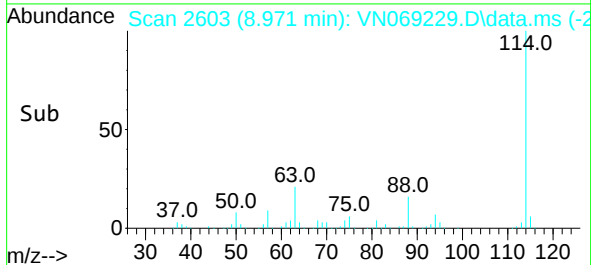
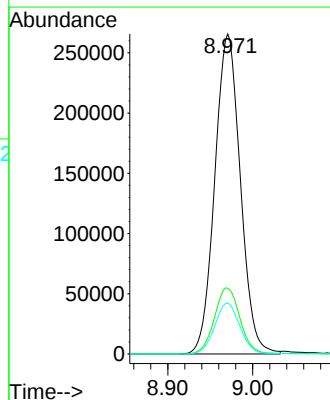
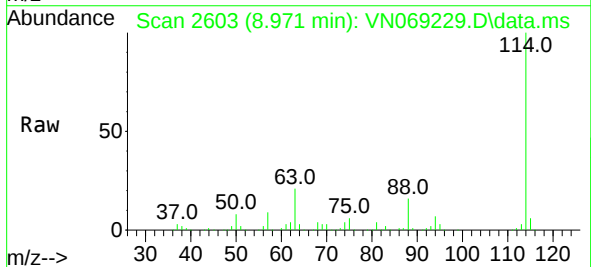
Instrument :
 MSVOA_N
 ClientSampled :

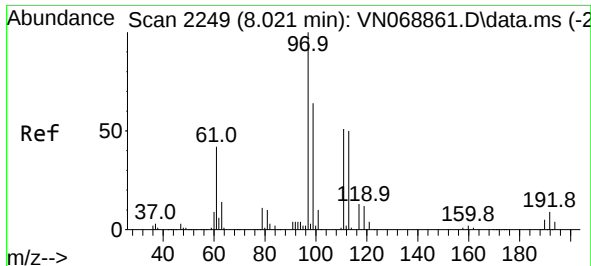
Tgt Ion: 65 Resp: 213899
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069229.D
 Acq: 27 Oct 2021 19:43

Tgt Ion: 114 Resp: 555384
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.6
 88 15.9 0.0 32.0

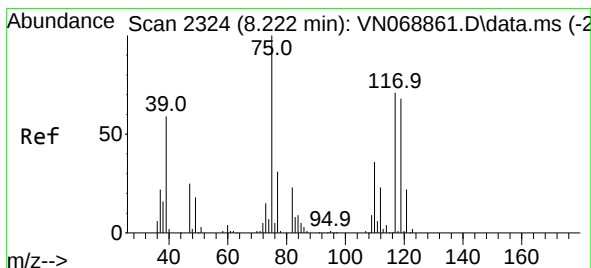
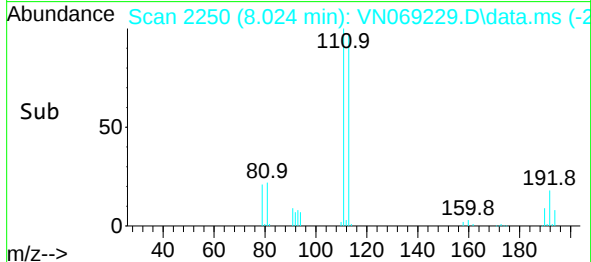
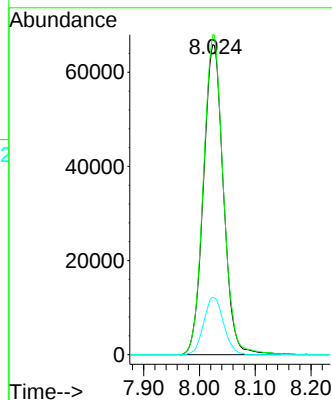
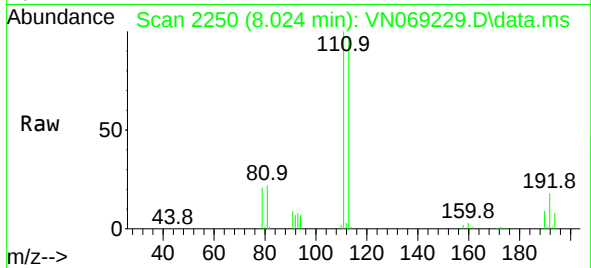




#35
Dibromofluoromethane
Concen: 50.769 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

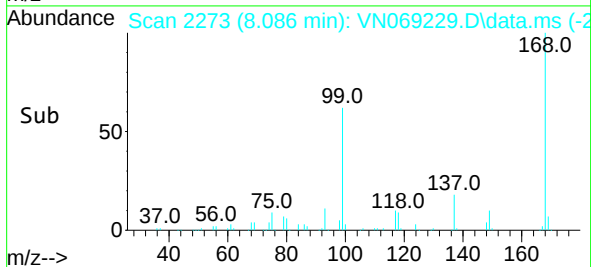
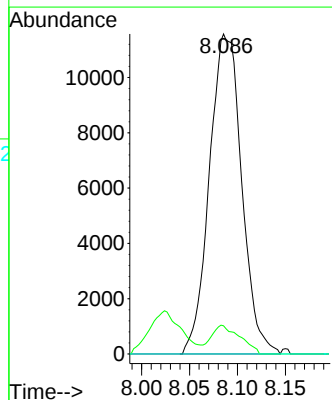
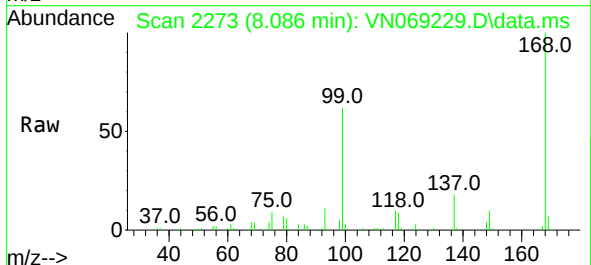
Instrument :
MSVOA_N
ClientSampled :

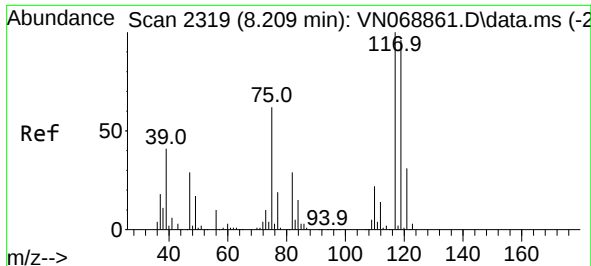
Tgt Ion:113 Resp: 164050
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 18.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.712 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

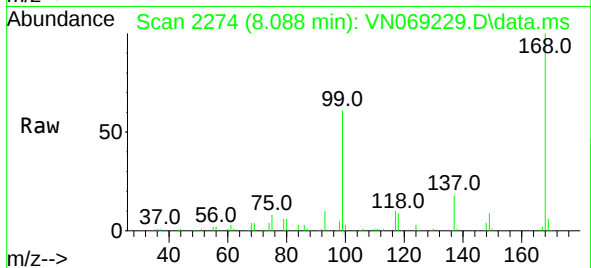
Tgt Ion: 75 Resp: 27099
Ion Ratio Lower Upper
75 100
110 7.9 17.9 53.8#
77 0.0 24.7 37.1#



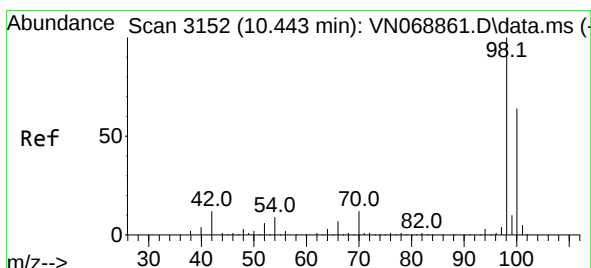
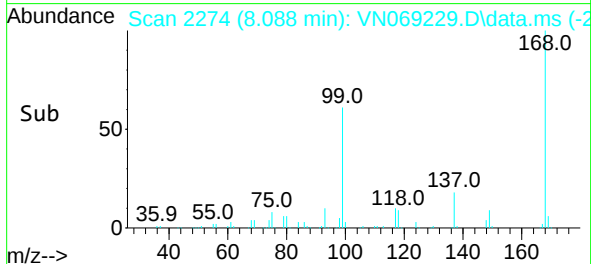
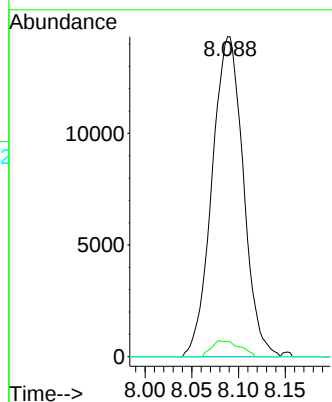


#38
Carbon Tetrachloride
Concen: 6.412 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

Instrument :
MSVOA_N
ClientSampled :

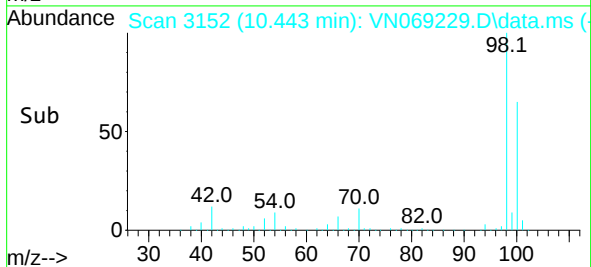
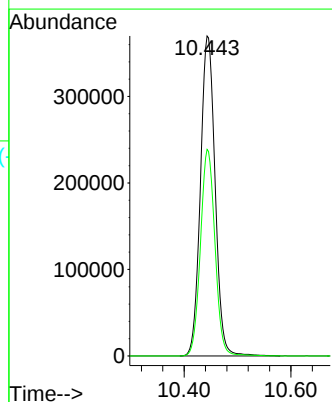
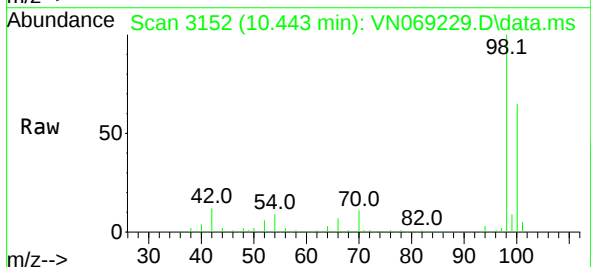


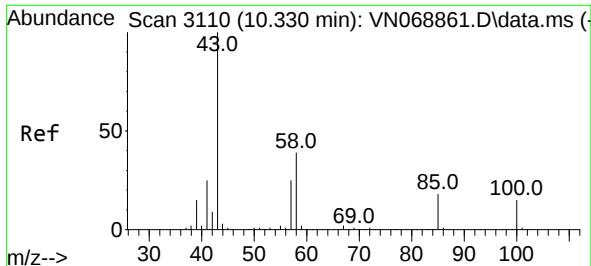
Tgt Ion:117 Resp: 33404
Ion Ratio Lower Upper
117 100
119 4.8 76.9 115.3#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 54.492 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

Tgt Ion: 98 Resp: 704514
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3

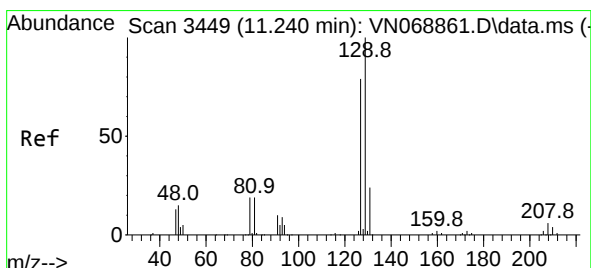
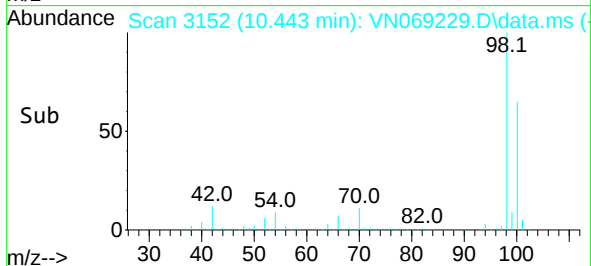
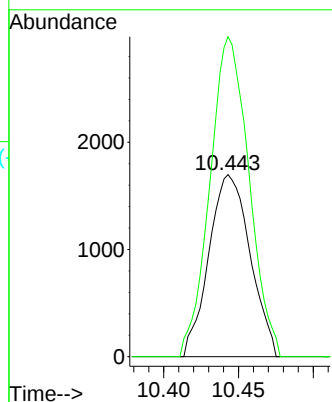
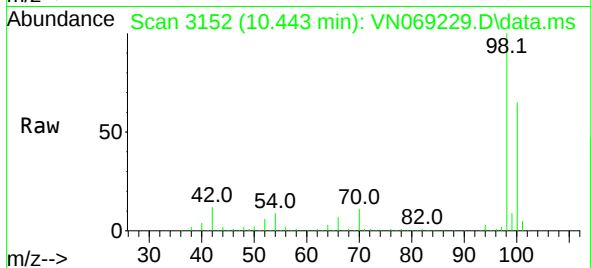




#51
4-Methyl-2-Pentanone
Concen: 0.649 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.113 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

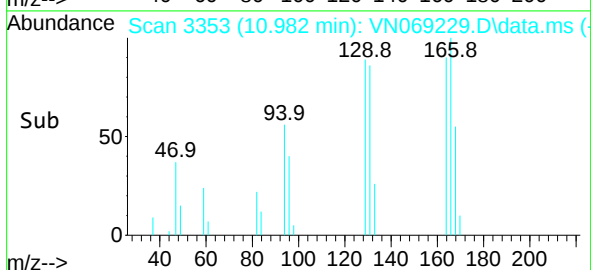
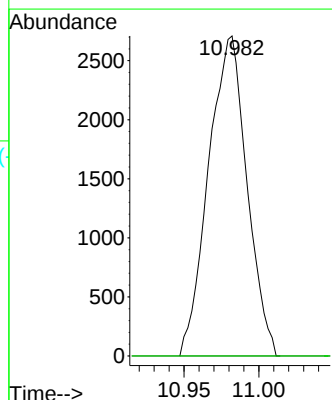
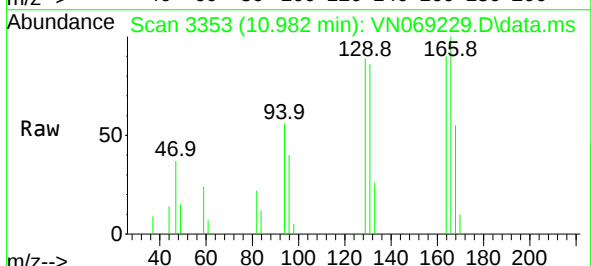
Instrument :
MSVOA_N
ClientSampled :

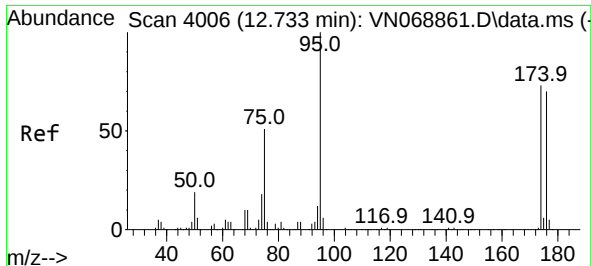
Tgt Ion: 43 Resp: 3254
Ion Ratio Lower Upper
43 100
58 166.6 31.0 46.4#



#60
Dibromochloromethane
Concen: 1.172 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. -0.258 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

Tgt Ion: 129 Resp: 4847
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#

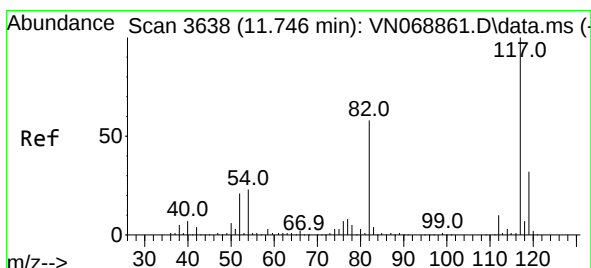
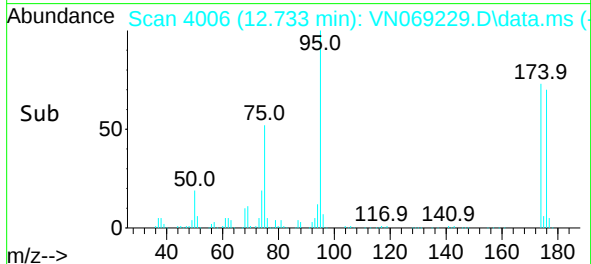
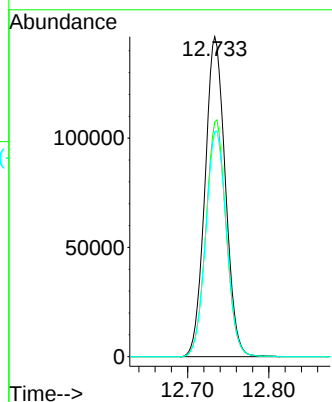
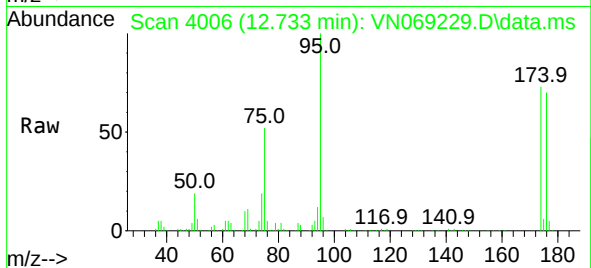




#62
4-Bromofluorobenzene
Concen: 52.124 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

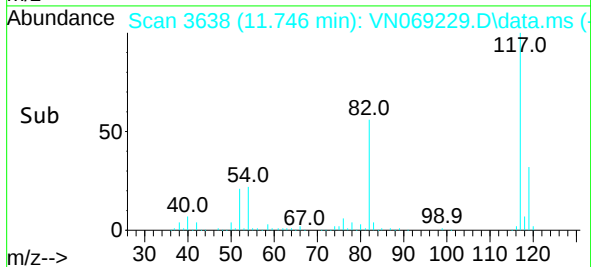
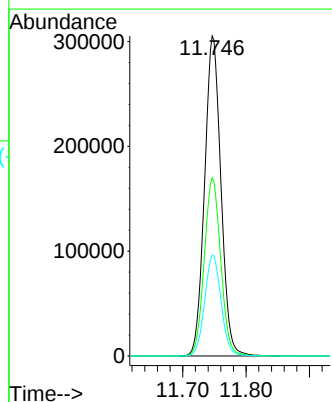
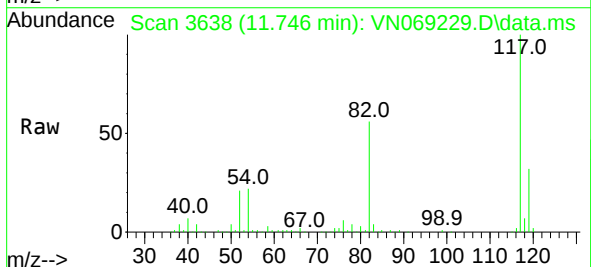
Instrument :
MSVOA_N
ClientSampleId :

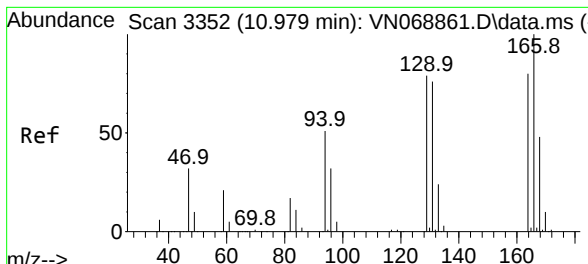
Tgt Ion: 95 Resp: 254254
Ion Ratio Lower Upper
95 100
174 73.6 0.0 144.8
176 71.9 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

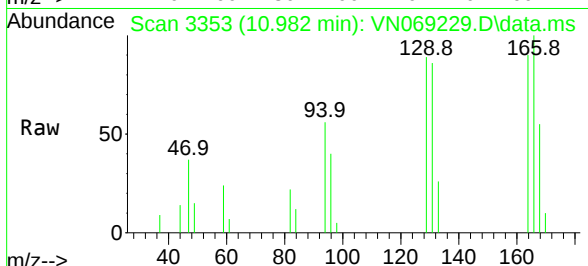
Tgt Ion: 117 Resp: 546671
Ion Ratio Lower Upper
117 100
82 55.7 46.4 69.6
119 31.6 26.0 39.0





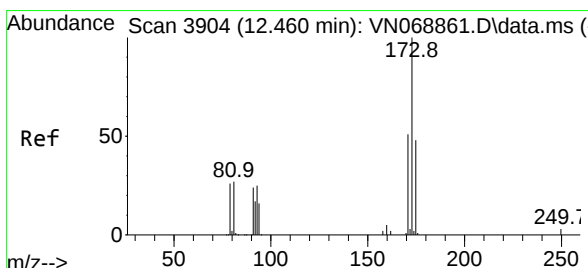
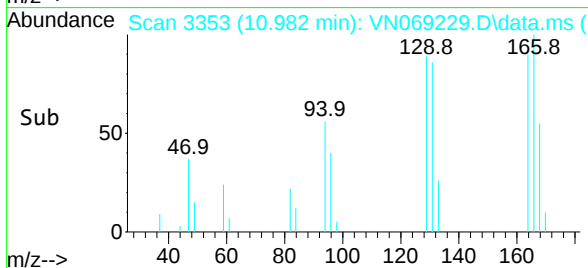
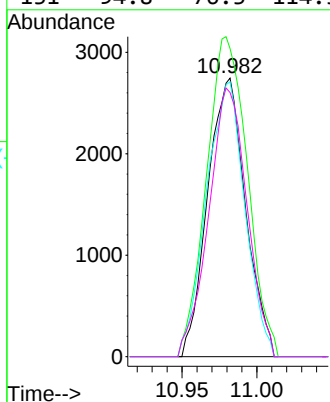
#64
Tetrachloroethene
Concen: 1.373 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:164 Resp: 4836

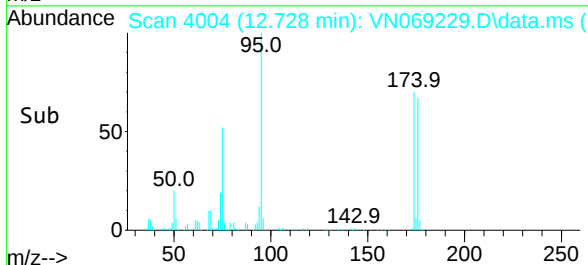
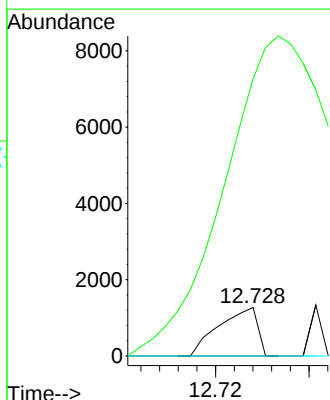
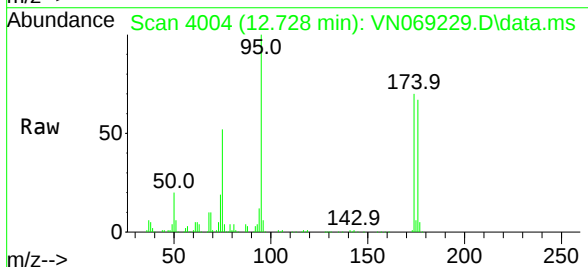
Ion	Ratio	Lower	Upper
164	100		
166	110.6	99.8	149.8
129	98.7	79.2	118.8
131	94.8	76.3	114.5

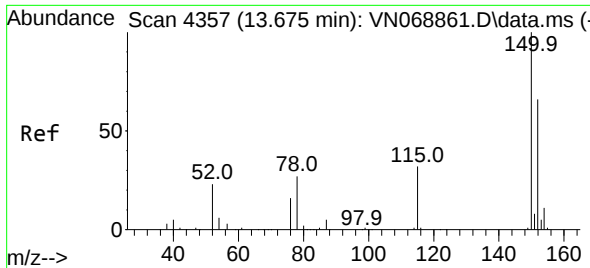


#71
Bromoform
Concen: 0.226 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.268 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

Tgt Ion:173 Resp: 732

Ion	Ratio	Lower	Upper
173	100		
175	1814.6	23.8	71.5#
254	0.0	0.0	0.0

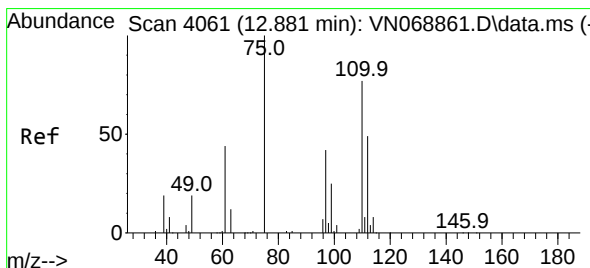
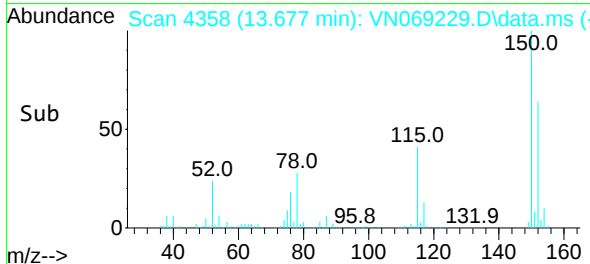
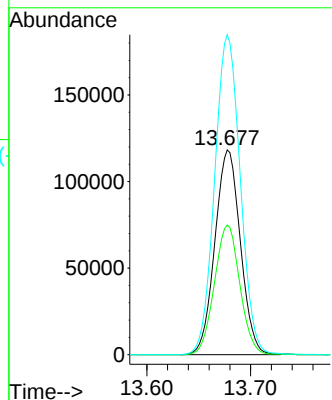
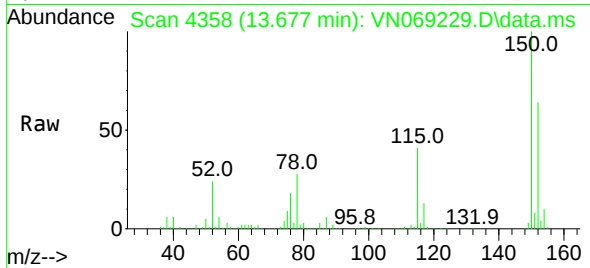




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069229.D
 Acq: 27 Oct 2021 19:43

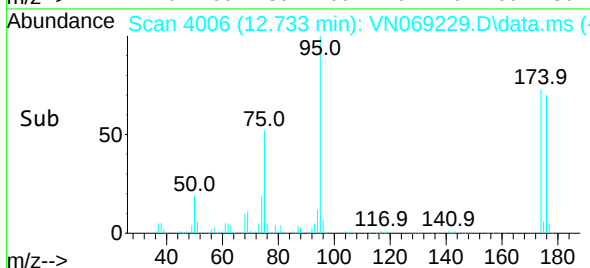
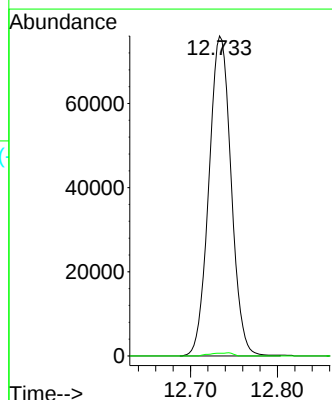
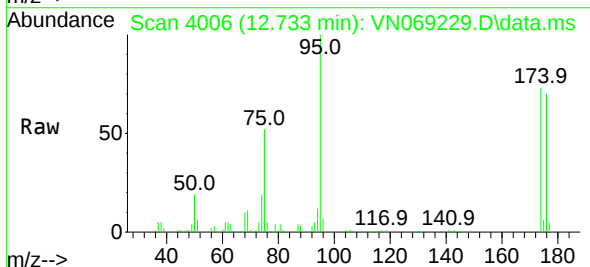
Instrument :
 MSVOA_N
 ClientSampled :

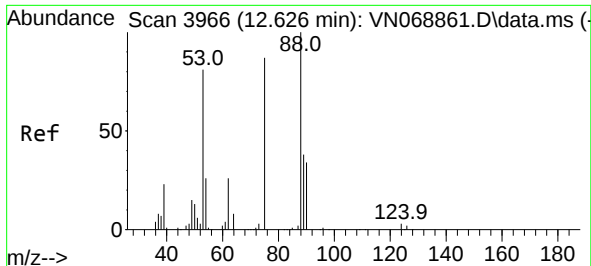
Tgt Ion:152 Resp: 201808
 Ion Ratio Lower Upper
 152 100
 115 63.1 31.4 94.3
 150 157.1 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 31.478 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN069229.D
 Acq: 27 Oct 2021 19:43

Tgt Ion: 75 Resp: 135165
 Ion Ratio Lower Upper
 75 100
 77 0.5 96.2 288.4#

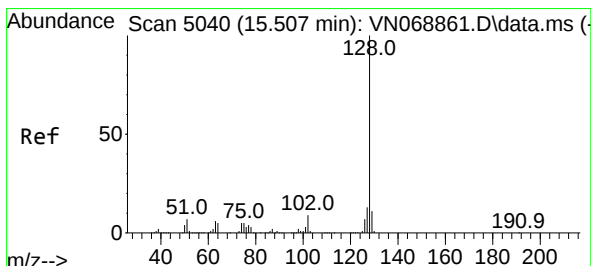
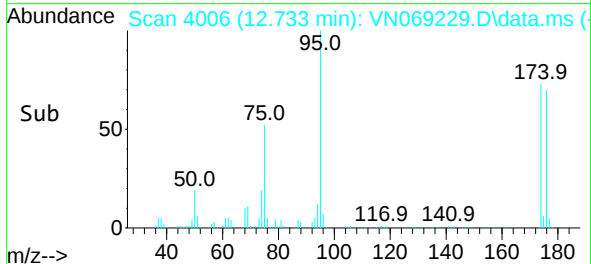
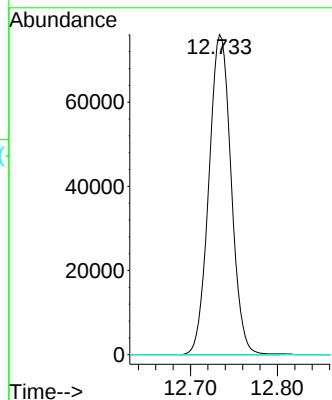
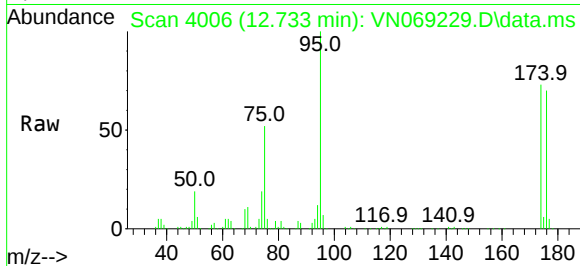




#81
trans-1,4-Dichloro-2-butene
Concen: 75.310 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 135165
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.824 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069229.D
Acq: 27 Oct 2021 19:43

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

