

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069230.D
 Acq On : 27 Oct 2021 20:08
 Operator : JC/MD
 Sample : M4338-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 28 05:23:05 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)

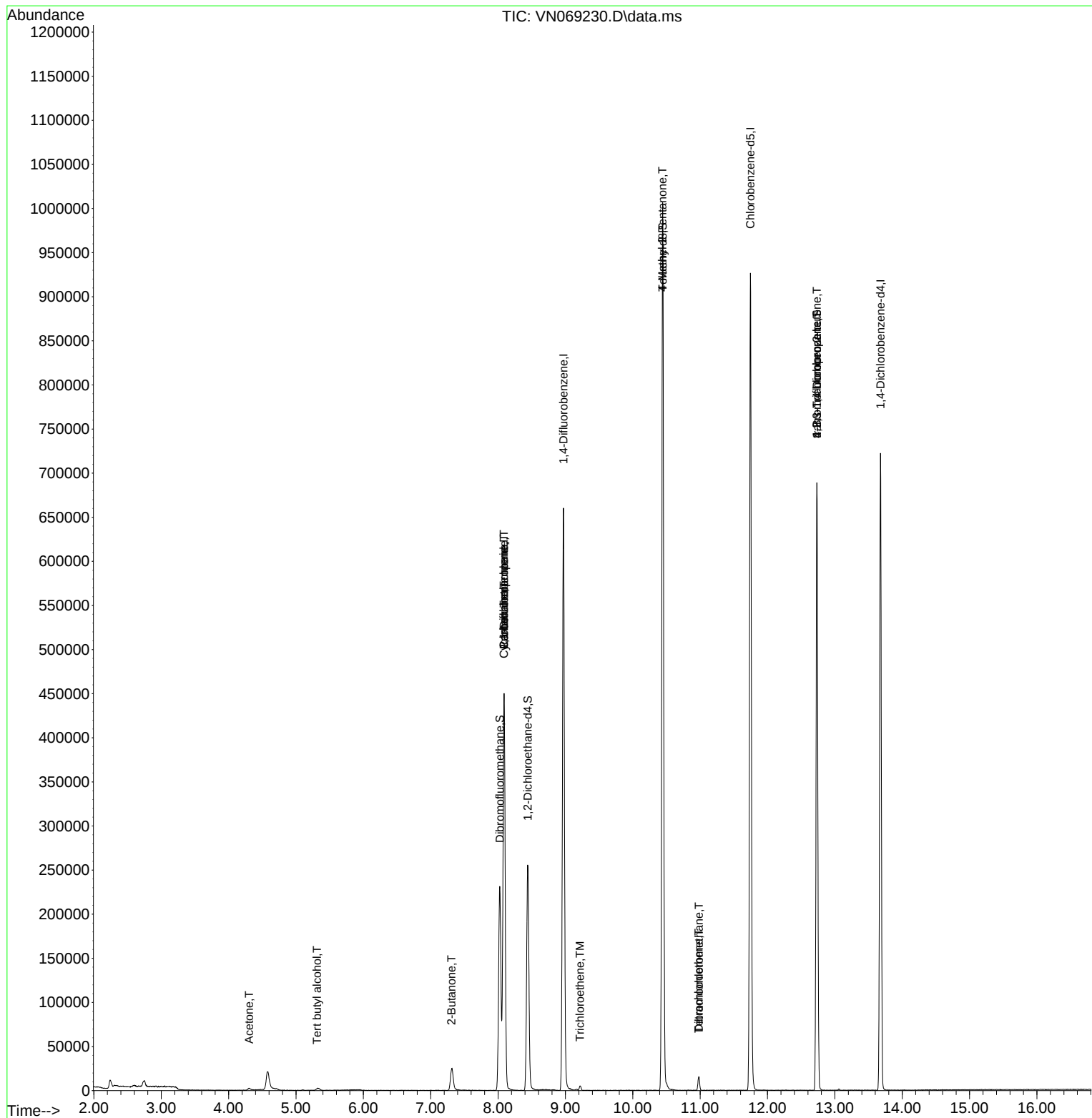
Internal Standards						
1) Pentafluorobenzene	8.088	168	337136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	584611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	554540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	190508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	223056	50.181	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 100.360%		
35) Dibromofluoromethane	8.027	113	171134	50.314	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 100.620%		
50) Toluene-d8	10.443	98	727490	53.456	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 106.920%		
62) 4-Bromofluorobenzene	12.733	95	247237	48.151	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 96.300%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.312	59	1077	1.326	ug/l #	72
16) Acetone	4.304	43	4069	2.453	ug/l	96
25) 2-Butanone	7.308	43	644	0.257	ug/l #	48
31) Cyclohexane	8.086	56	7803	1.129	ug/l #	7
36) 1,1-Dichloropropene	8.088	75	27841	5.575	ug/l #	49
38) Carbon Tetrachloride	8.088	117	35468	6.467	ug/l #	16
44) Trichloroethene	9.215	130	1947	0.512	ug/l	88
51) 4-Methyl-2-Pentanone	10.440	43	3056	0.579	ug/l #	1
60) Dibromochloromethane	10.982	129	3653	0.839	ug/l #	10
64) Tetrachloroethene	10.977	164	3440	0.963	ug/l	89
76) 1,2,3-Trichloropropane	12.733	75	131139	32.352	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	131139	77.401	ug/l #	12

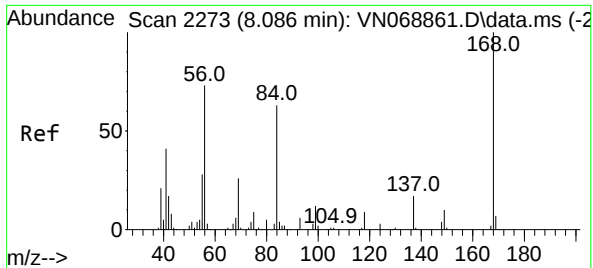
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

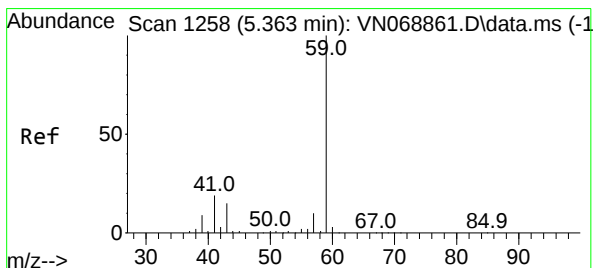
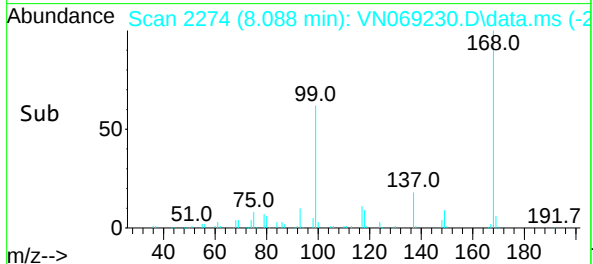
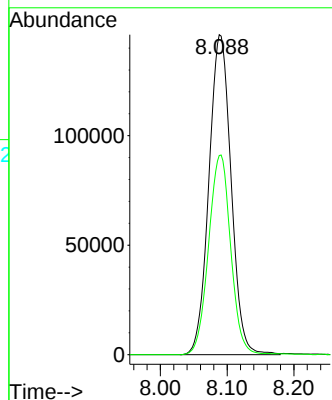
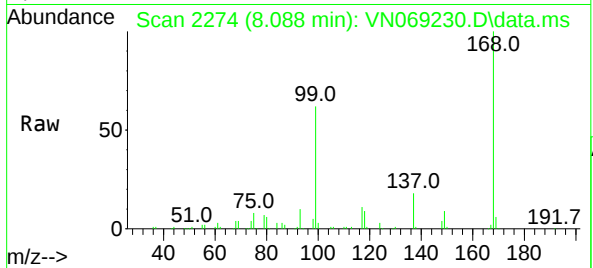




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

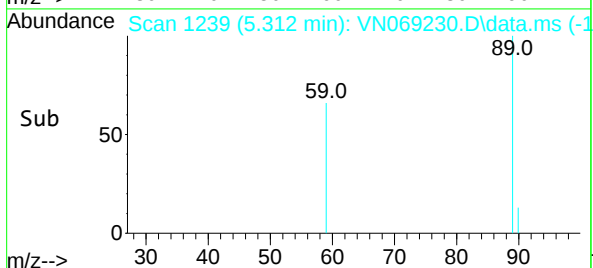
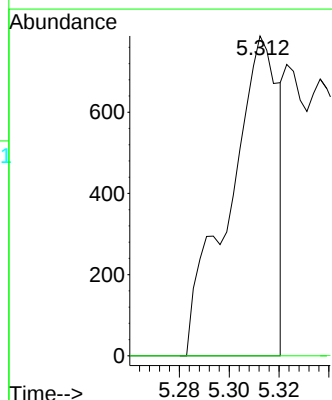
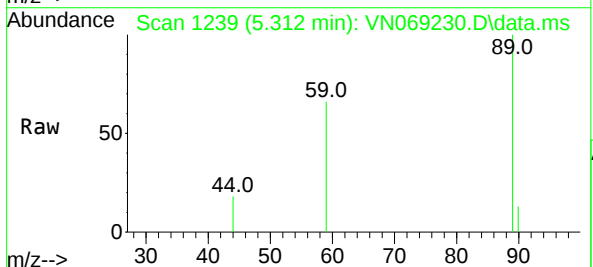
Instrument :
MSVOA_N
ClientSampled :

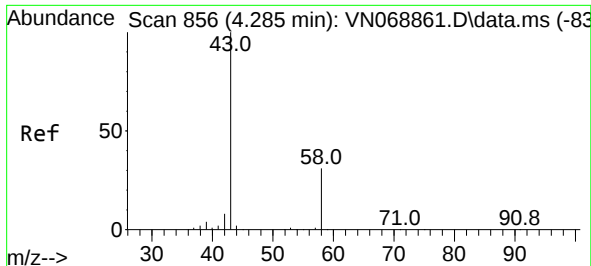
Tgt Ion:168 Resp: 337136
Ion Ratio Lower Upper
168 100
99 62.3 48.9 73.3



#11
Tert butyl alcohol
Concen: 1.326 ug/l
RT: 5.312 min Scan# 1239
Delta R.T. -0.051 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

Tgt Ion: 59 Resp: 1077
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

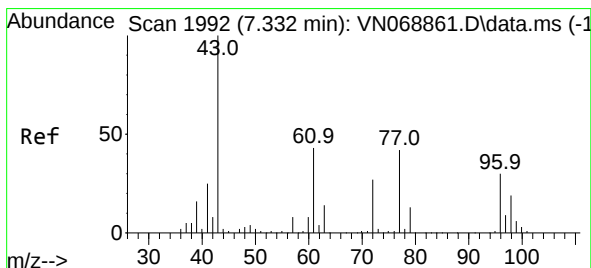
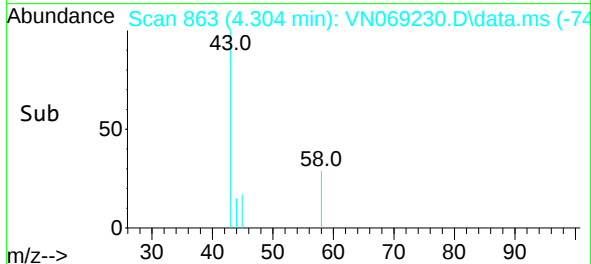
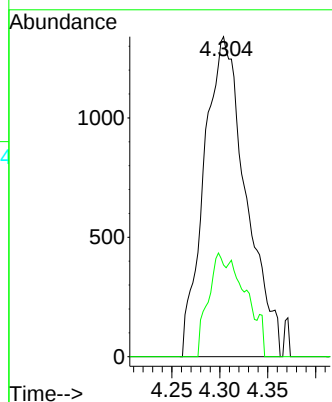
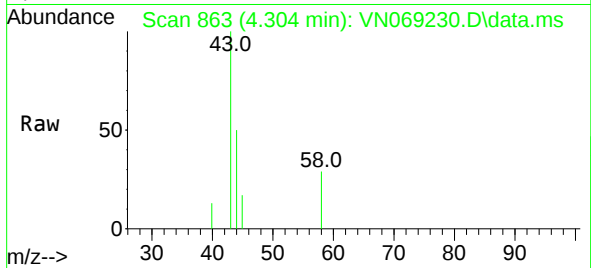




#16
Acetone
Concen: 2.453 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

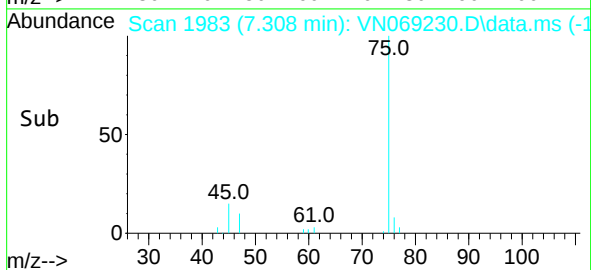
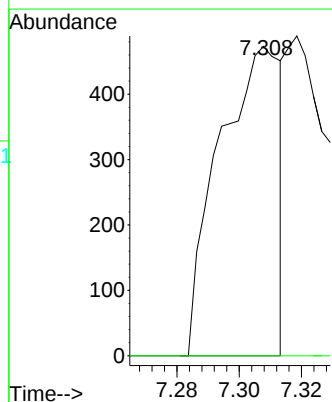
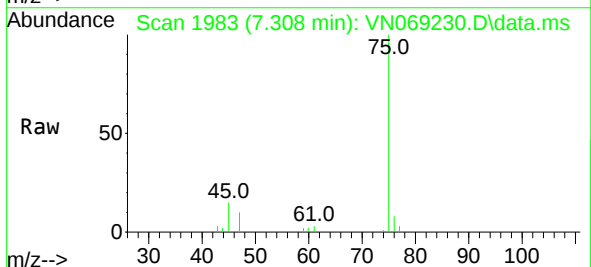
Instrument :
MSVOA_N
ClientSampled :

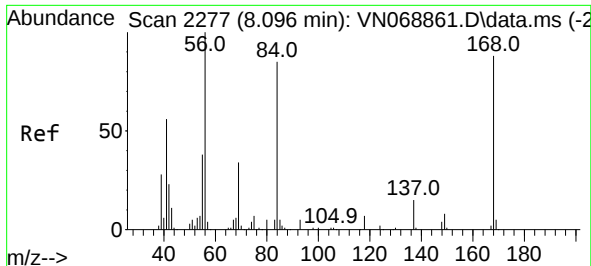
Tgt Ion: 43 Resp: 4069
Ion Ratio Lower Upper
43 100
58 28.7 24.5 36.7



#25
2-Butanone
Concen: 0.257 ug/l
RT: 7.308 min Scan# 1983
Delta R.T. -0.024 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

Tgt Ion: 43 Resp: 644
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#

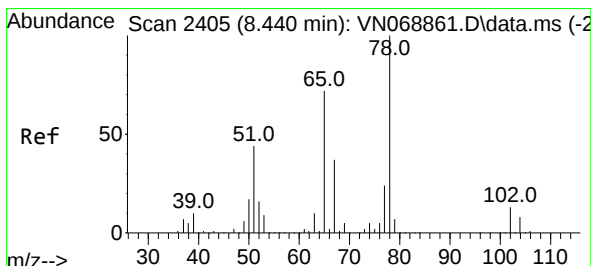
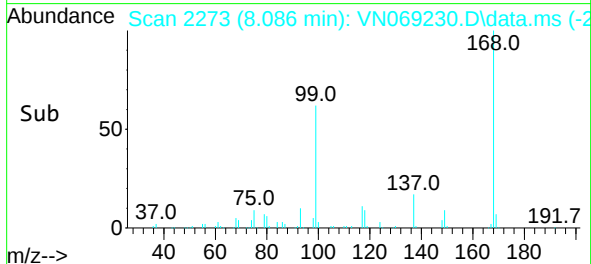
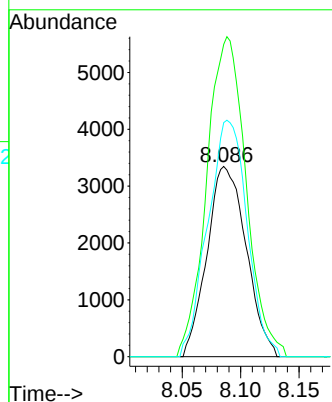
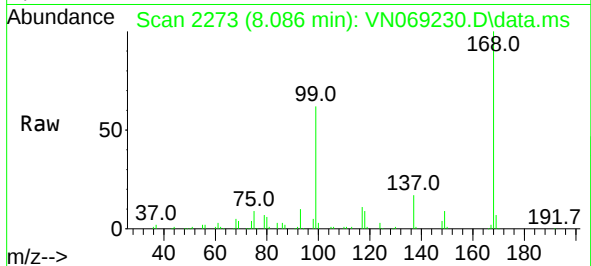




#31
Cyclohexane
Concen: 1.129 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

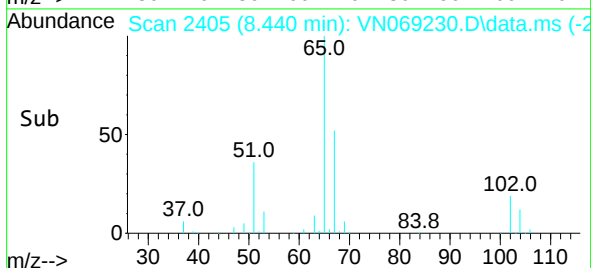
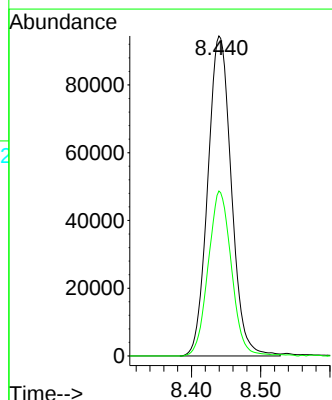
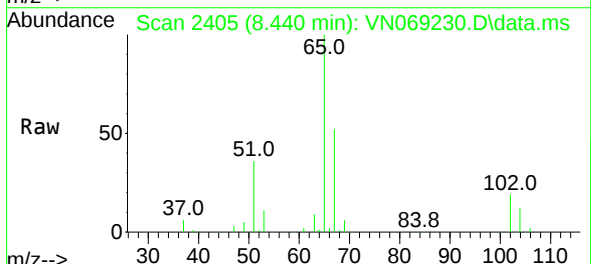
Instrument :
MSVOA_N
ClientSampled :

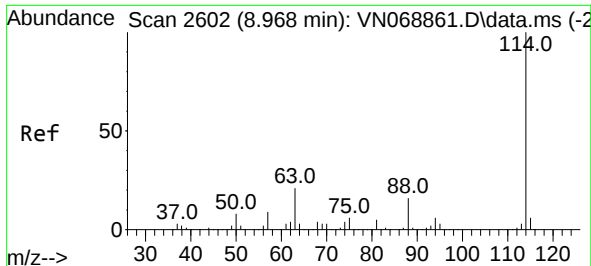
Tgt Ion: 56 Resp: 7803
Ion Ratio Lower Upper
56 100
69 158.8 26.9 40.3#
84 123.0 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 50.181 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

Tgt Ion: 65 Resp: 223056
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.8

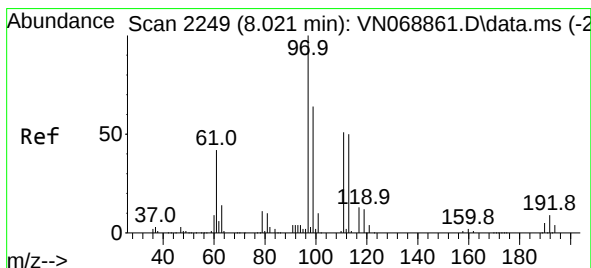
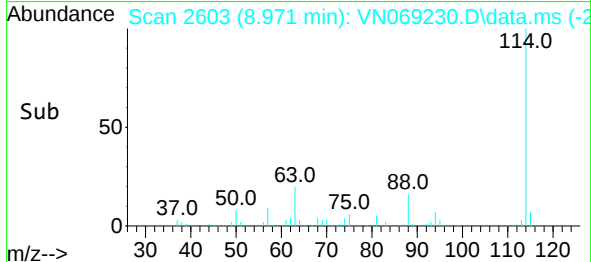
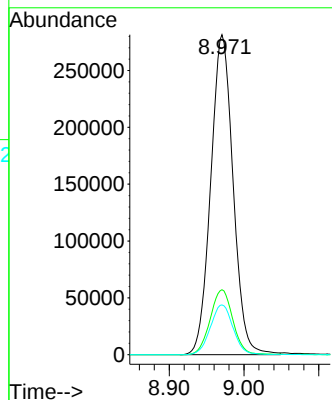
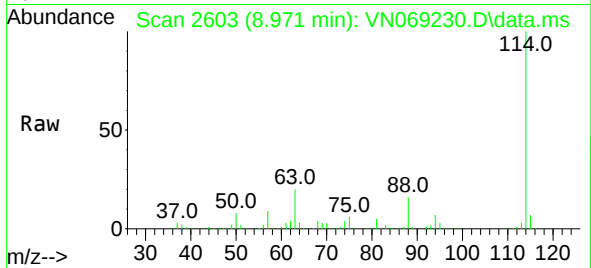




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

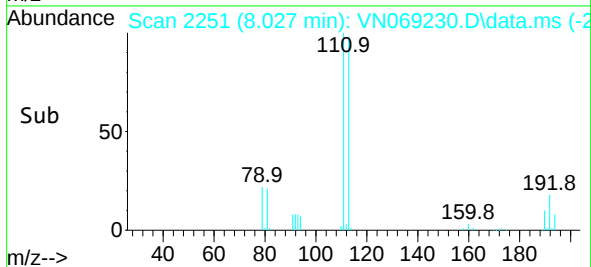
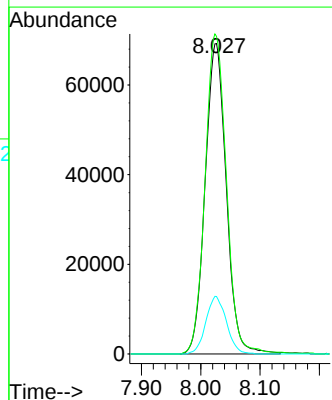
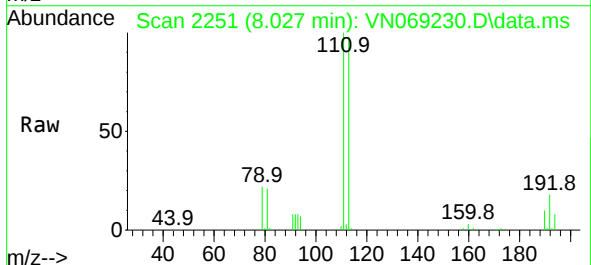
Instrument :
MSVOA_N
ClientSampled :

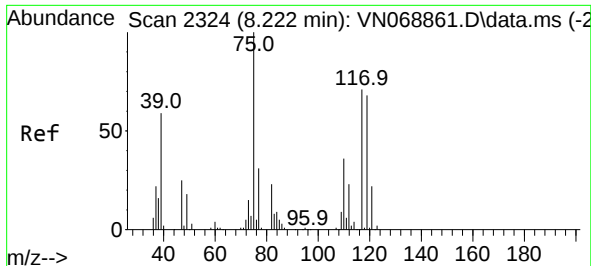
Tgt Ion:114 Resp: 584611
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.6
88 15.5 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.314 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

Tgt Ion:113 Resp: 171134
Ion Ratio Lower Upper
113 100
111 104.4 83.2 124.8
192 18.1 15.0 22.4

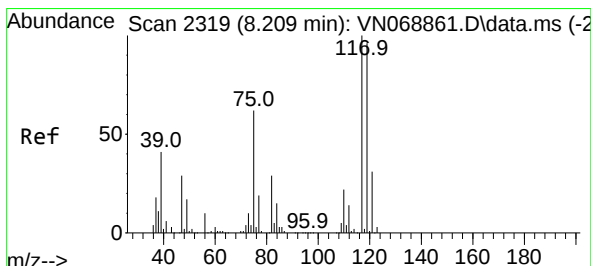
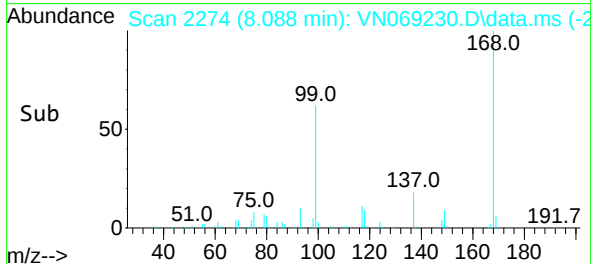
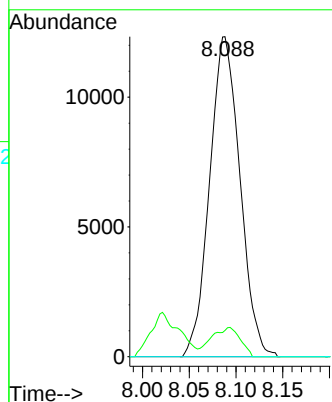
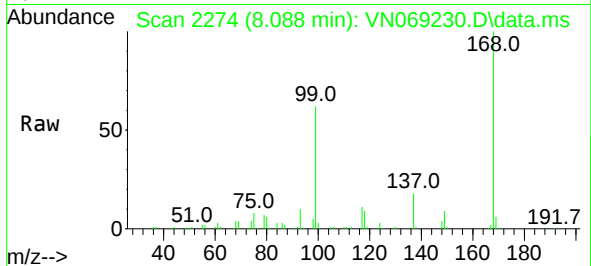




#36
1,1-Dichloropropene
Concen: 5.575 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

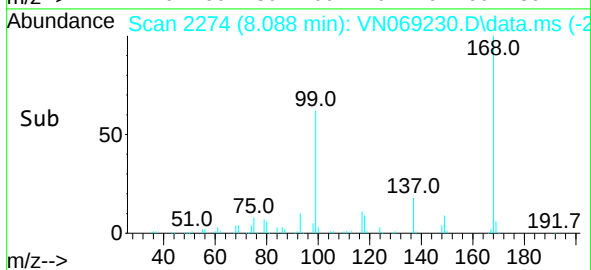
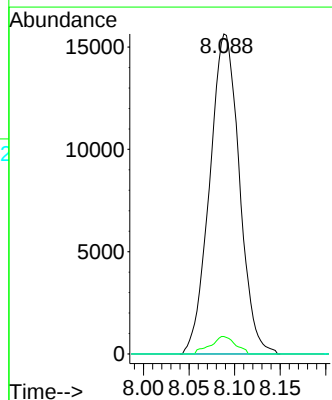
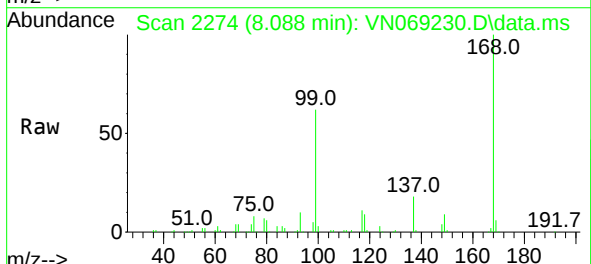
Instrument :
MSVOA_N
ClientSampled :

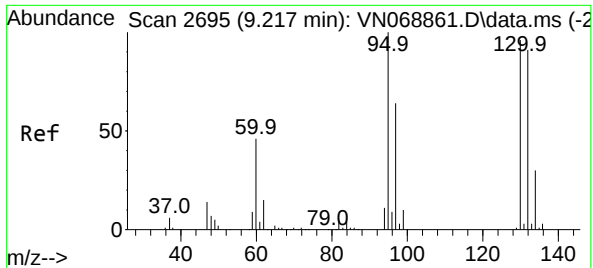
Tgt Ion: 75 Resp: 27841
Ion Ratio Lower Upper
75 100
110 8.8 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.467 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

Tgt Ion: 117 Resp: 35468
Ion Ratio Lower Upper
117 100
119 5.4 76.9 115.3#
121 0.0 24.6 37.0#

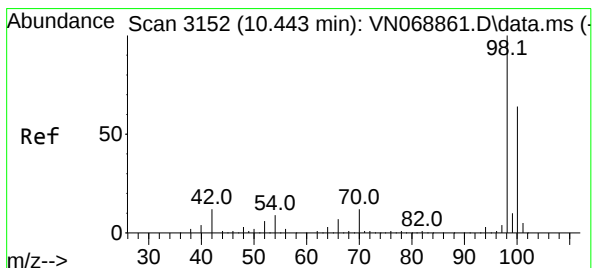
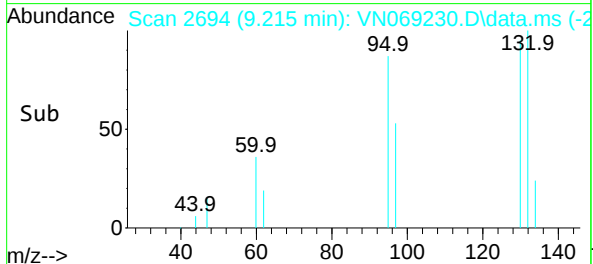
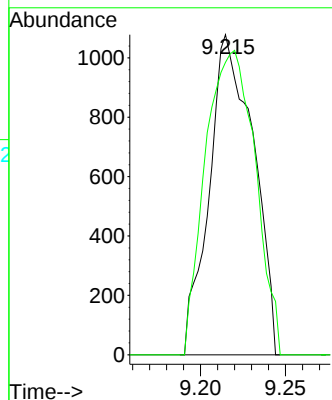
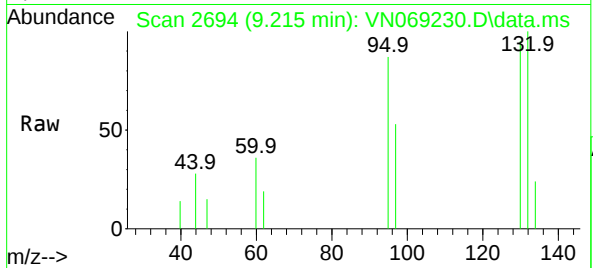




#44
Trichloroethene
Concen: 0.512 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

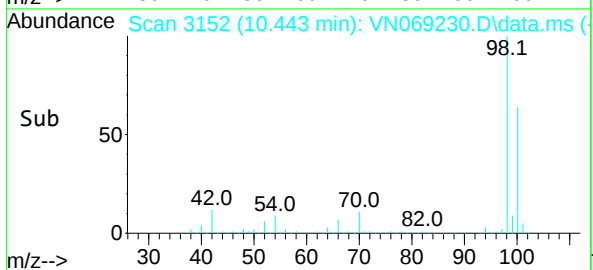
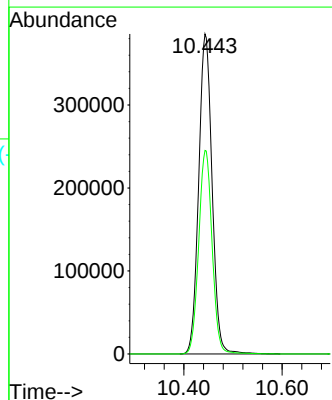
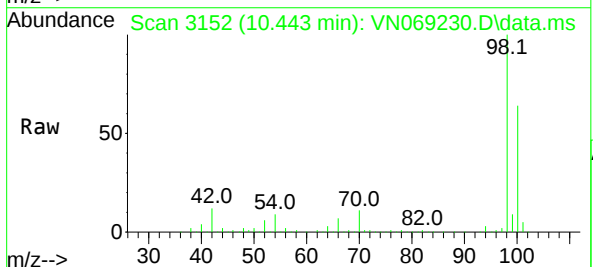
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ClientSampleId :

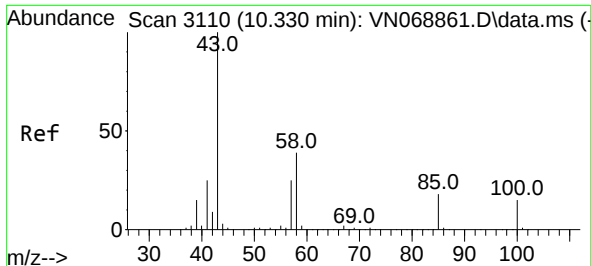
Tgt Ion:130 Resp: 1947
Ion Ratio Lower Upper
130 100
95 91.4 0.0 208.0



#50
Toluene-d8
Concen: 53.456 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

Tgt Ion: 98 Resp: 727490
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3

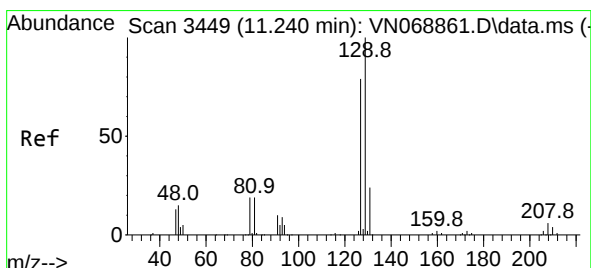
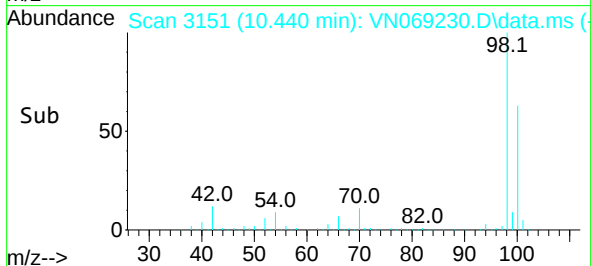
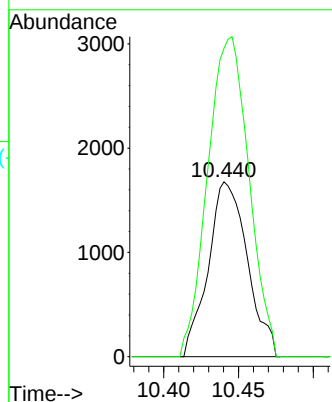
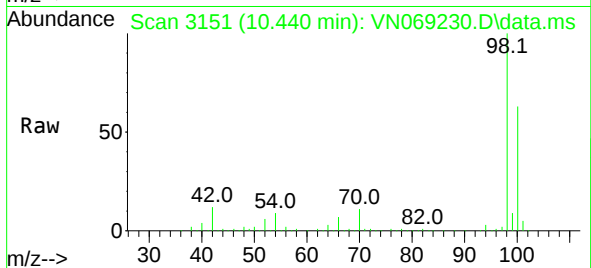




#51
4-Methyl-2-Pentanone
Concen: 0.579 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.110 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

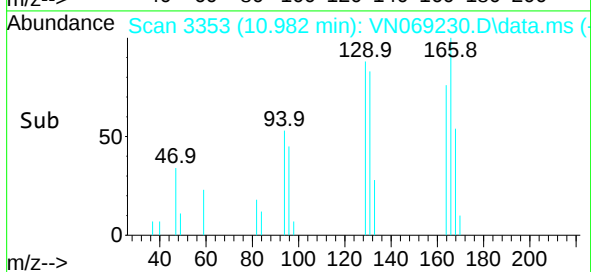
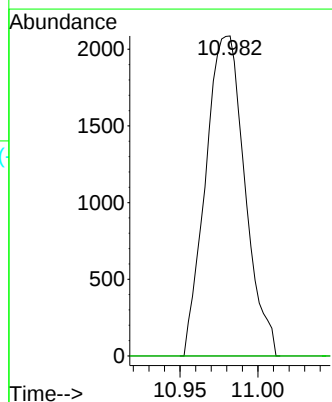
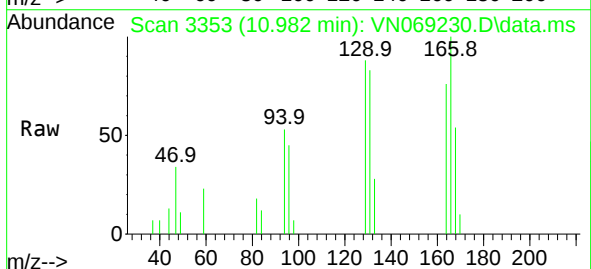
Instrument :
MSVOA_N
ClientSampled :

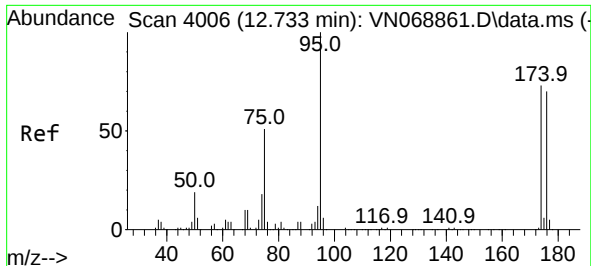
Tgt Ion: 43 Resp: 3056
Ion Ratio Lower Upper
43 100
58 192.3 31.0 46.4#



#60
Dibromochloromethane
Concen: 0.839 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. -0.258 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

Tgt Ion: 129 Resp: 3653
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#

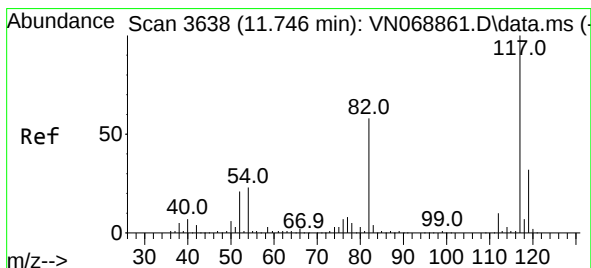
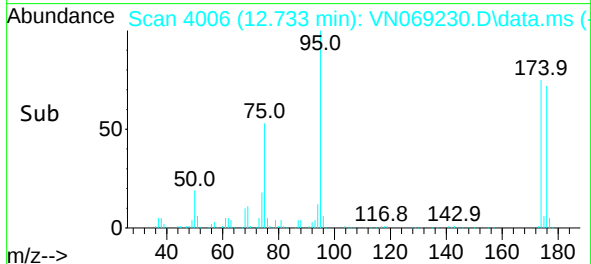
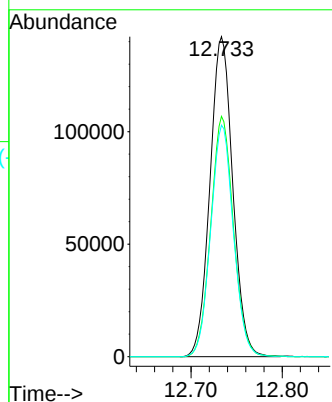
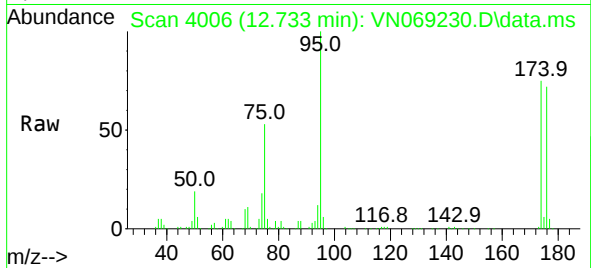




#62
4-Bromofluorobenzene
Concen: 48.151 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

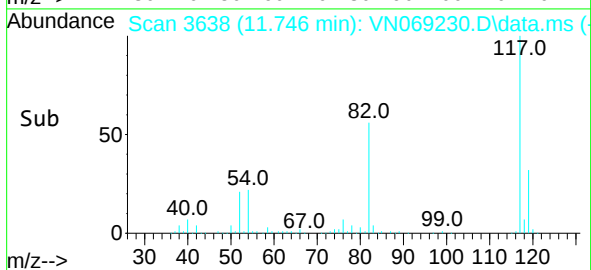
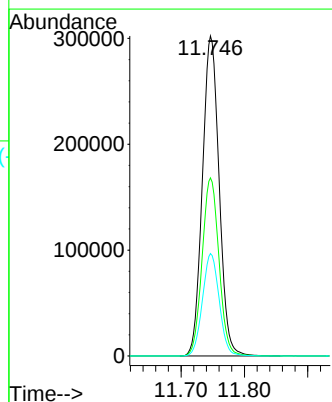
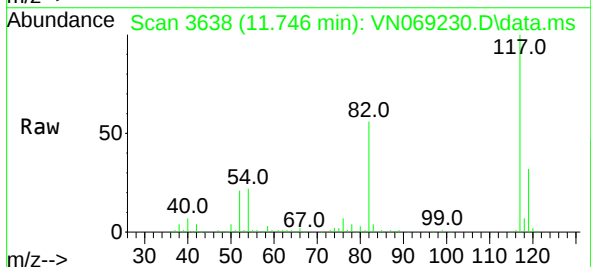
Instrument :
MSVOA_N
ClientSampleId :

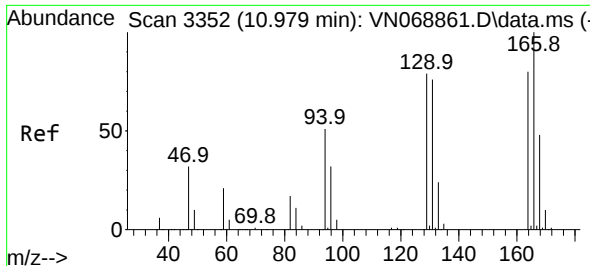
Tgt Ion: 95 Resp: 247237
Ion Ratio Lower Upper
95 100
174 74.9 0.0 144.8
176 72.1 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

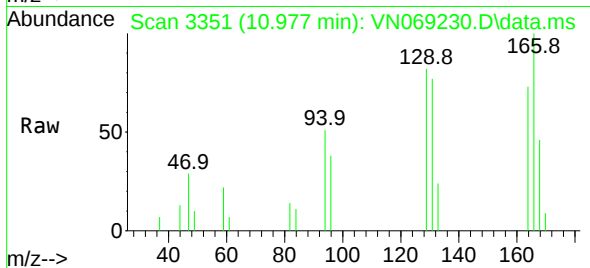
Tgt Ion: 117 Resp: 554540
Ion Ratio Lower Upper
117 100
82 55.6 46.4 69.6
119 32.0 26.0 39.0





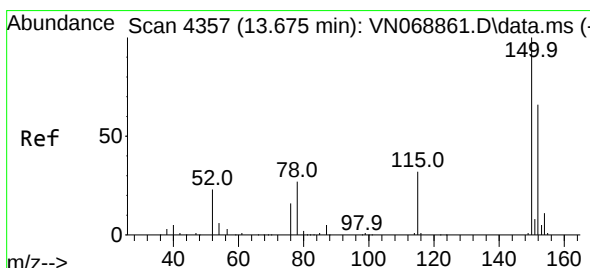
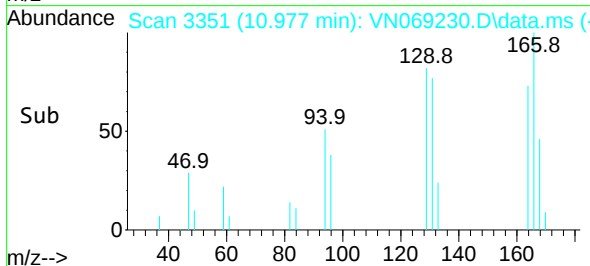
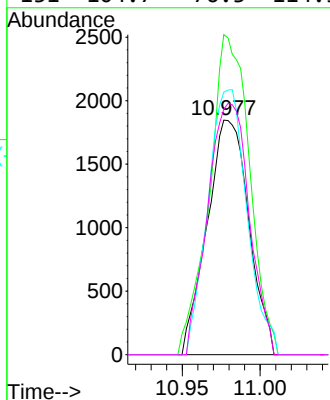
#64
Tetrachloroethene
Concen: 0.963 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.003 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

Instrument :
MSVOA_N
ClientSampleId :

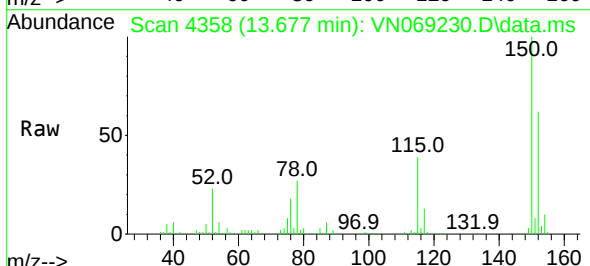


Tgt Ion:164 Resp: 3440

Ion	Ratio	Lower	Upper
164	100		
166	136.4	99.8	149.8
129	111.9	79.2	118.8
131	104.7	76.3	114.5

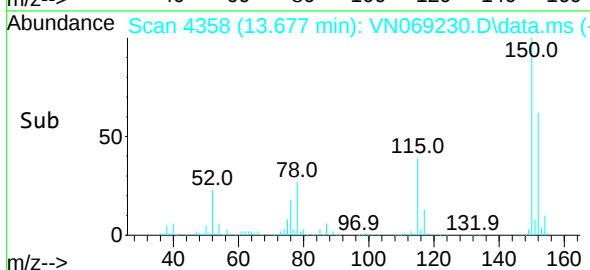
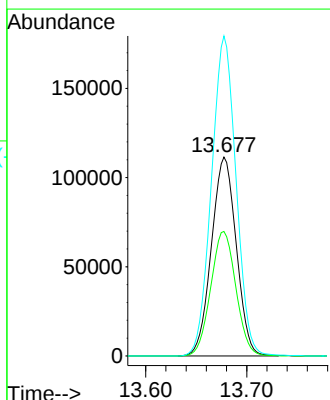


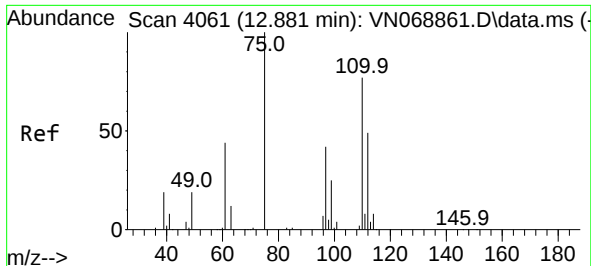
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08



Tgt Ion:152 Resp: 190508

Ion	Ratio	Lower	Upper
152	100		
115	63.3	31.4	94.3
150	159.0	0.0	351.0

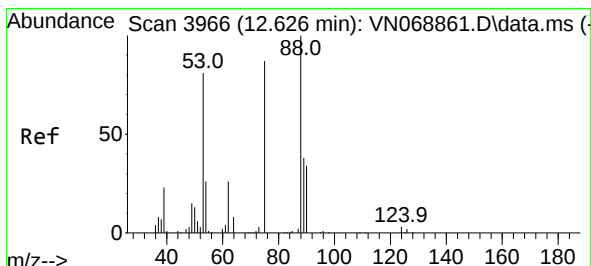
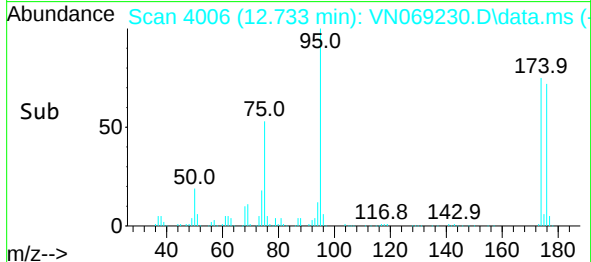
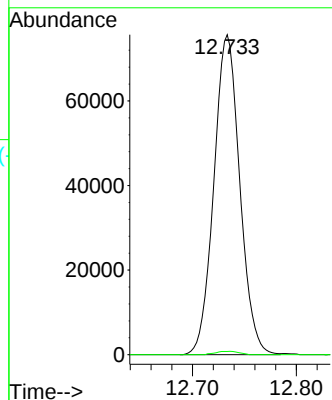
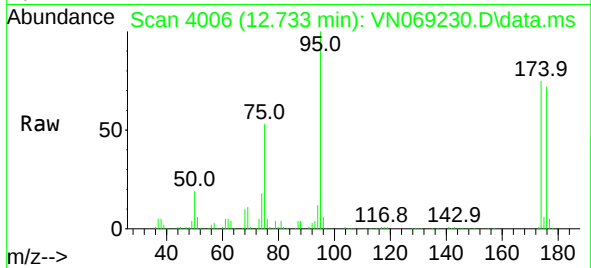




#76
1,2,3-Trichloropropane
Concen: 32.352 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 131139
Ion Ratio Lower Upper
75 100
77 0.9 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.401 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069230.D
Acq: 27 Oct 2021 20:08

Tgt Ion: 75 Resp: 131139
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#

