

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069091.D
 Acq On : 21 Oct 2021 16:28
 Operator : JC/MD
 Sample : M4284-16 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 01:33:53 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)

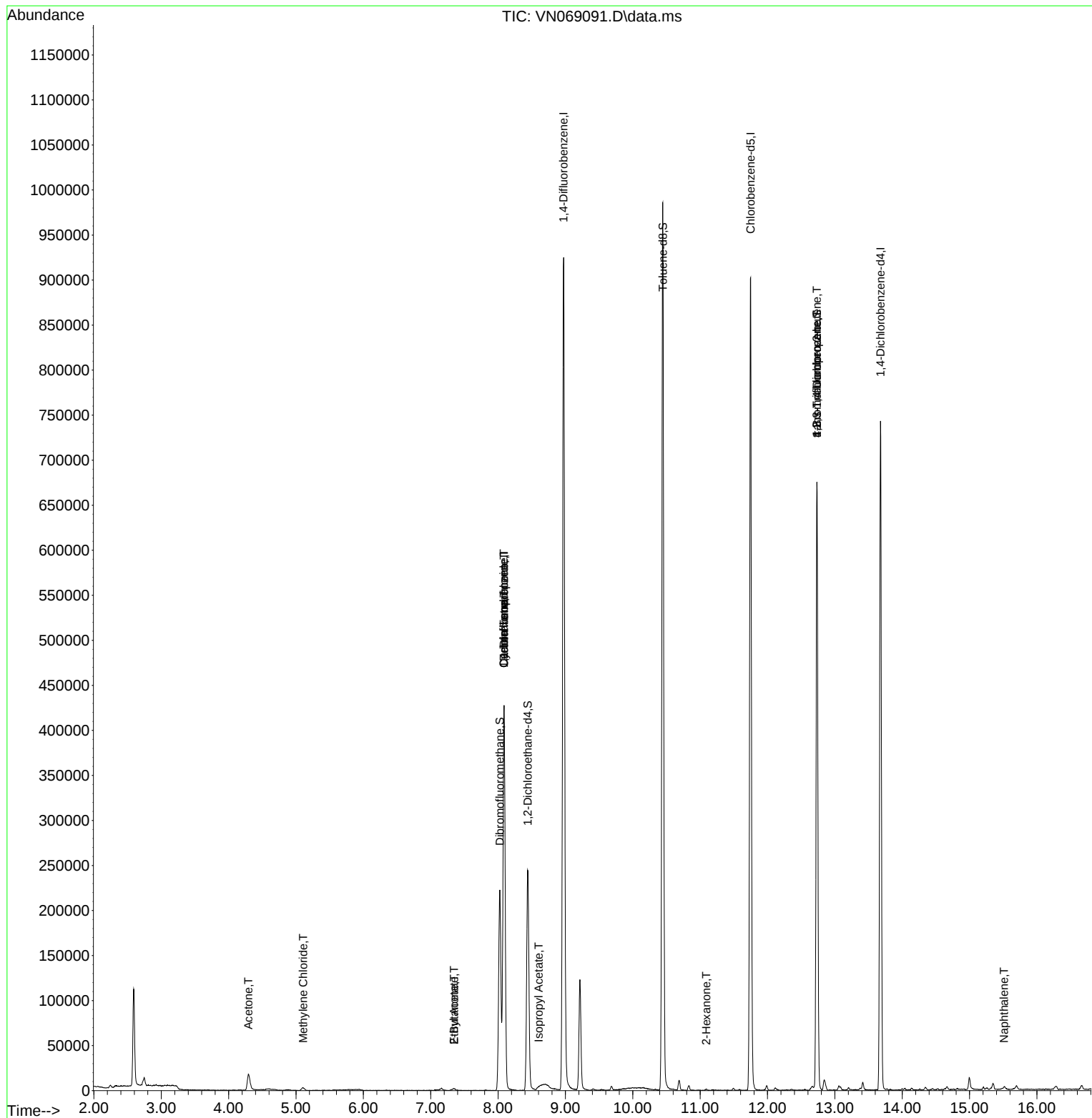
Internal Standards						
1) Pentafluorobenzene	8.088	168	317075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	565479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	531180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	199049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	210295	50.303	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.600%			
35) Dibromofluoromethane	8.027	113	162942	49.526	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.060%			
50) Toluene-d8	10.446	98	704222	53.497	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.000%			
62) 4-Bromofluorobenzene	12.734	95	246797	49.692	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.380%			
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	34153	21.892	ug/l	100
20) Methylene Chloride	5.106	84	2477	0.690	ug/l	95
25) 2-Butanone	7.348	43	3895	1.651	ug/l	99
31) Cyclohexane	8.086	56	7457	1.147	ug/l #	10
36) 1,1-Dichloropropene	8.086	75	26562	5.499	ug/l #	49
37) Ethyl Acetate	7.348	43	3895	0.781	ug/l #	68
38) Carbon Tetrachloride	8.086	117	33886	6.388	ug/l #	15
43) Isopropyl Acetate	8.603	43	2745	0.312	ug/l #	55
59) 2-Hexanone	11.089	43	1292	0.353	ug/l	65
76) 1,2,3-Trichloropropane	12.734	75	131031	30.939	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	131031	74.019	ug/l #	12
95) Naphthalene	15.509	128	2067	4.018	ug/l #	73

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

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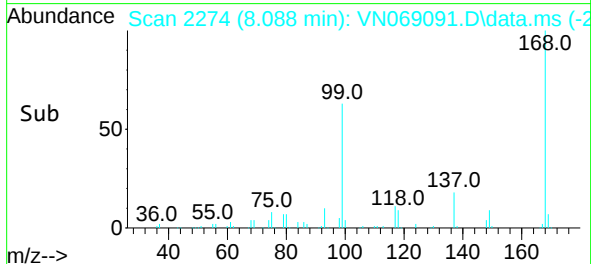
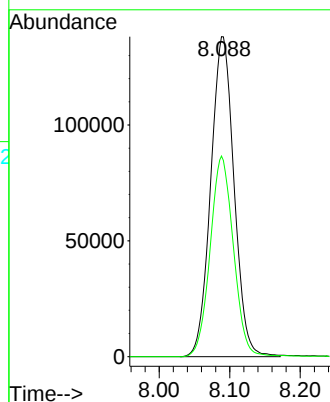
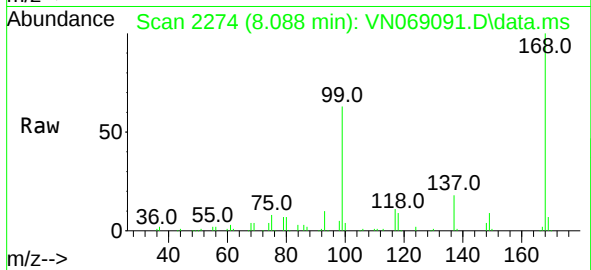




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

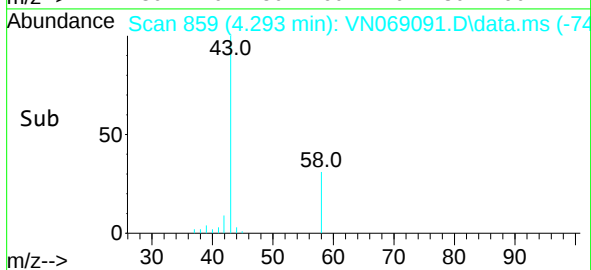
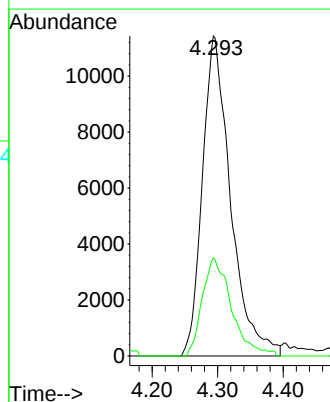
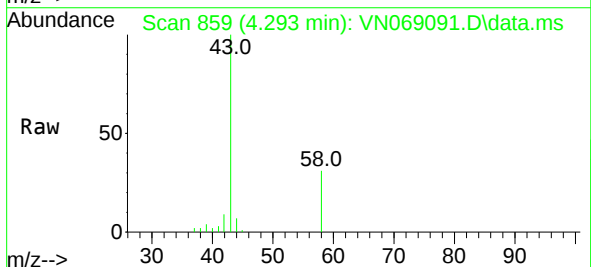
Instrument :
MSVOA_N
ClientSampled :

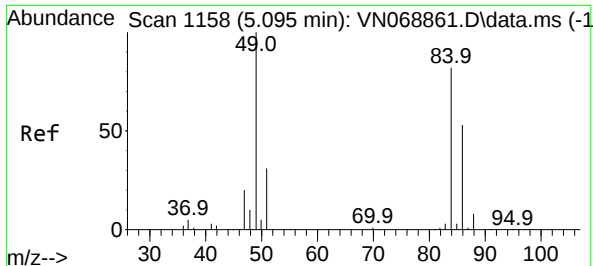
Tgt Ion:168 Resp: 317075
Ion Ratio Lower Upper
168 100
99 62.7 48.9 73.3



#16
Acetone
Concen: 21.892 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

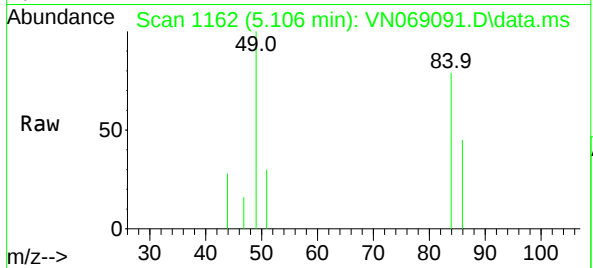
Tgt Ion: 43 Resp: 34153
Ion Ratio Lower Upper
43 100
58 30.7 24.5 36.7



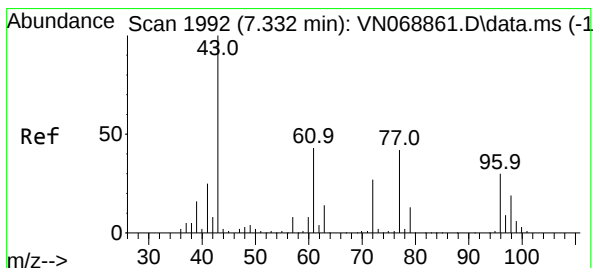
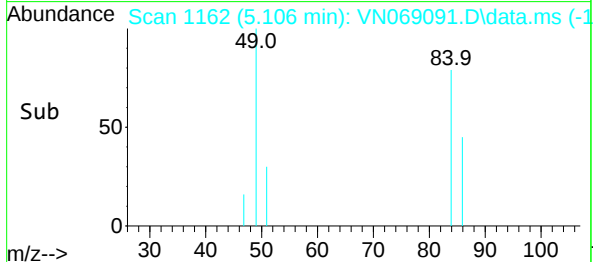
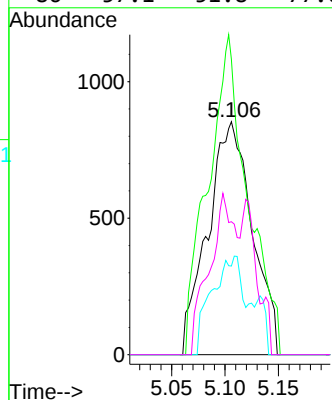


#20
Methylene Chloride
Concen: 0.690 ug/l
RT: 5.106 min Scan# 1162
Delta R.T. 0.011 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

Instrument :
MSVOA_N
ClientSampled :

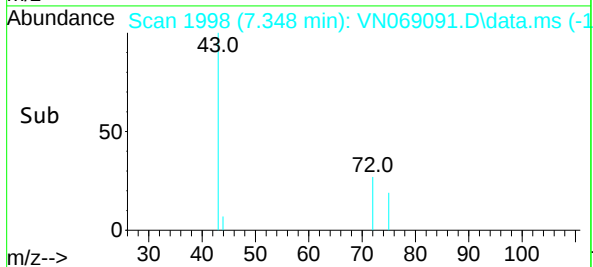
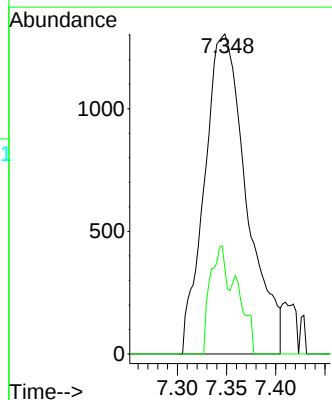
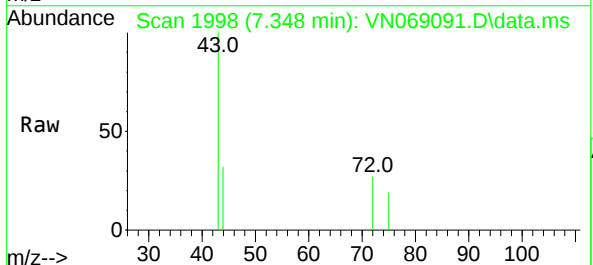


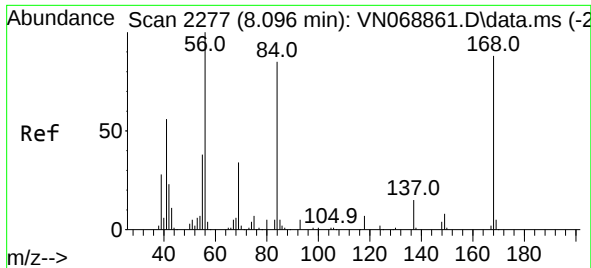
Tgt Ion:	84	Resp:	2477
Ion	Ratio	Lower	Upper
84	100		
49	126.8	97.6	146.4
51	38.1	30.3	45.5
86	57.1	51.8	77.6



#25
2-Butanone
Concen: 1.651 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.016 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

Tgt Ion:	43	Resp:	3895
Ion	Ratio	Lower	Upper
43	100		
72	26.9	21.2	31.8

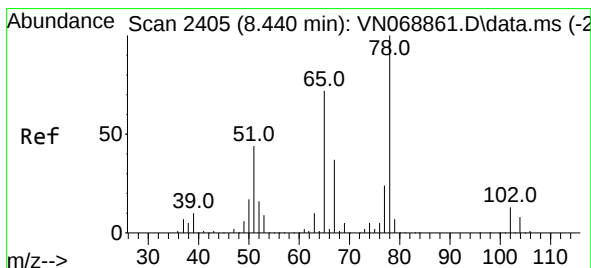
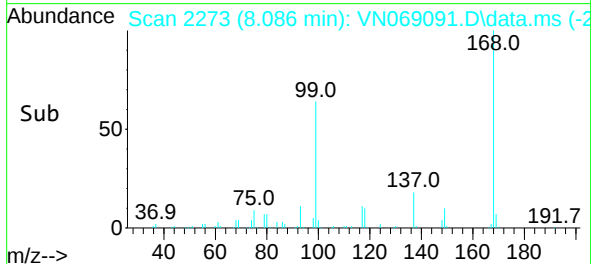
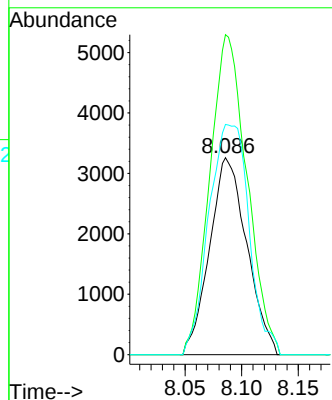
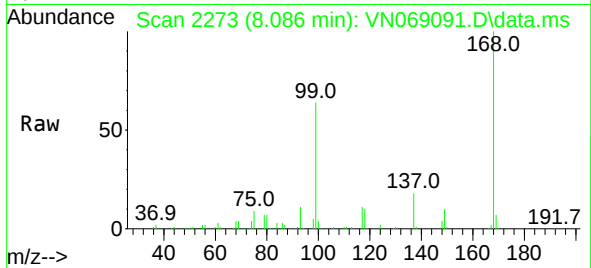




#31
Cyclohexane
Concen: 1.147 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

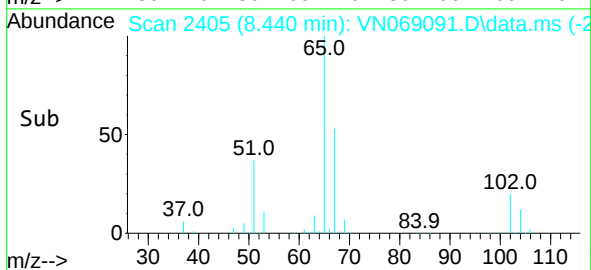
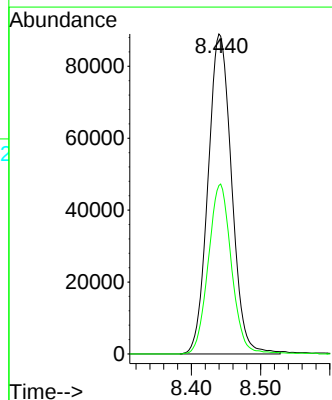
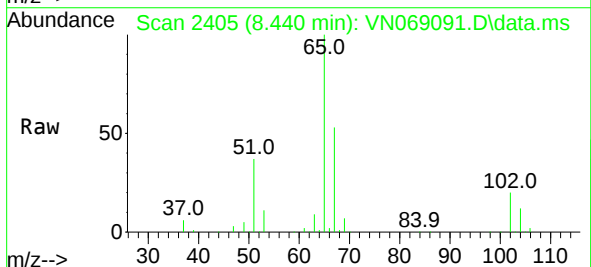
Instrument :
MSVOA_N
ClientSampled :

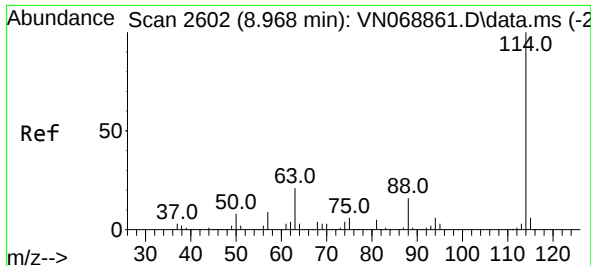
Tgt Ion: 56 Resp: 7457
Ion Ratio Lower Upper
56 100
69 162.4 26.9 40.3#
84 116.9 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 50.303 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

Tgt Ion: 65 Resp: 210295
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.8

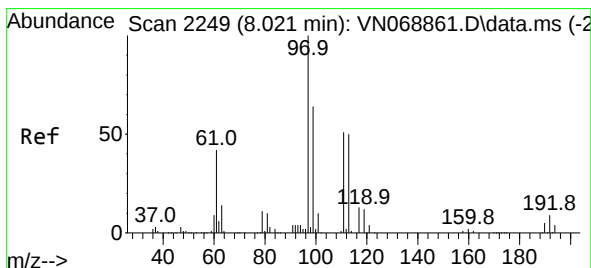
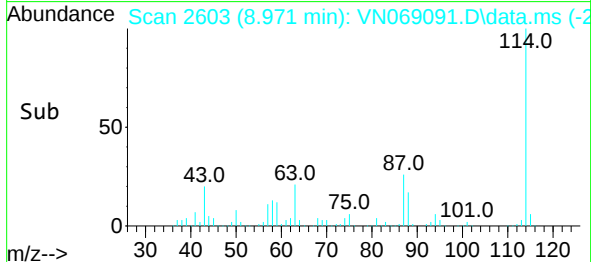
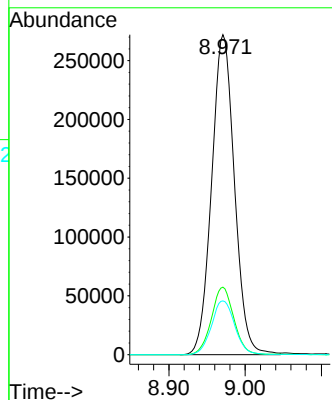
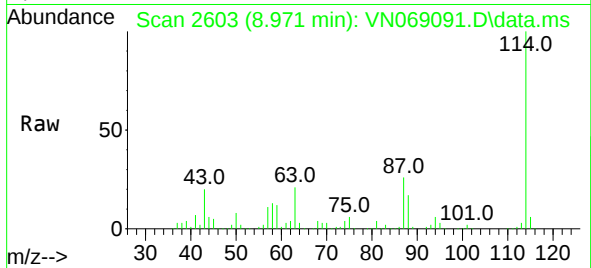




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

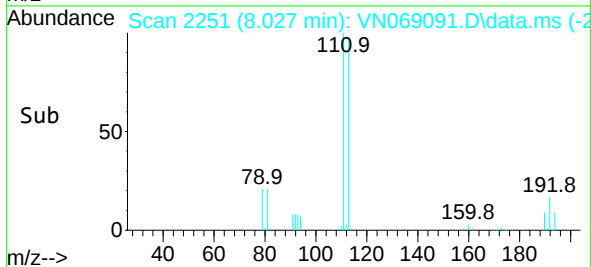
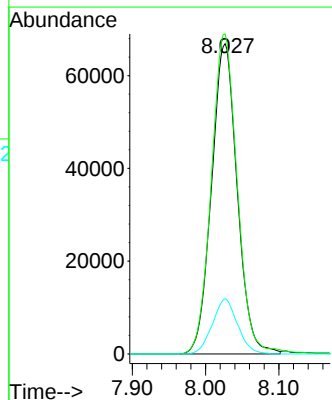
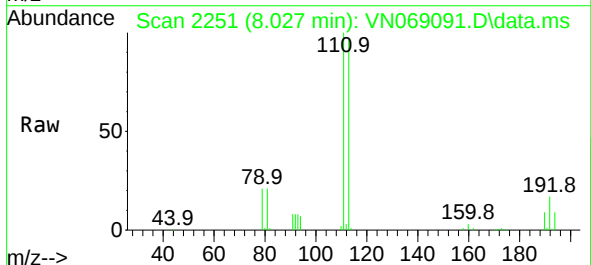
Instrument :
MSVOA_N
ClientSampled :

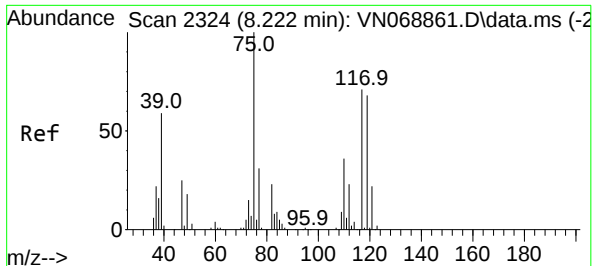
Tgt Ion:114 Resp: 565479
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.6
88 16.8 0.0 32.0



#35
Dibromofluoromethane
Concen: 49.526 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

Tgt Ion:113 Resp: 162942
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 17.4 15.0 22.4

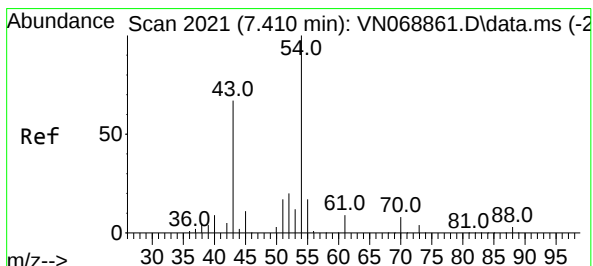
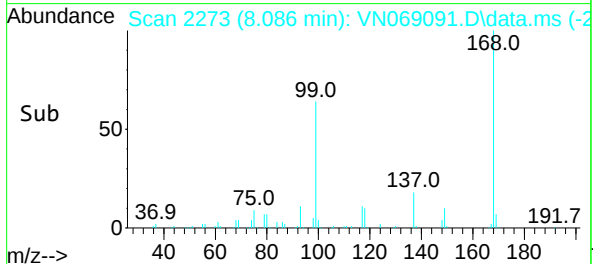
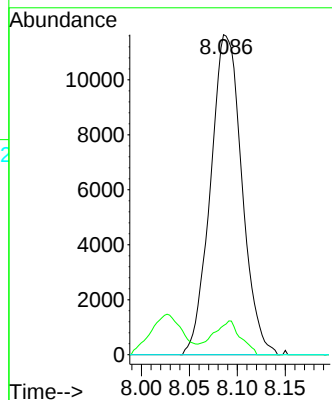
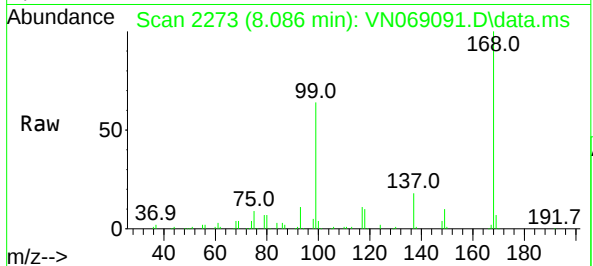




#36
1,1-Dichloropropene
Concen: 5.499 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

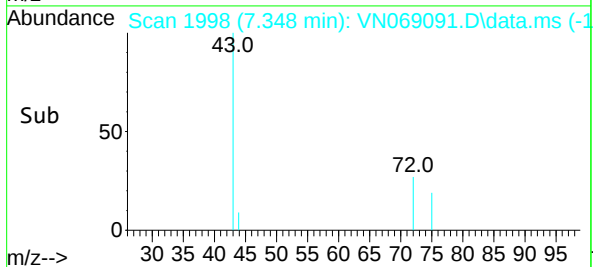
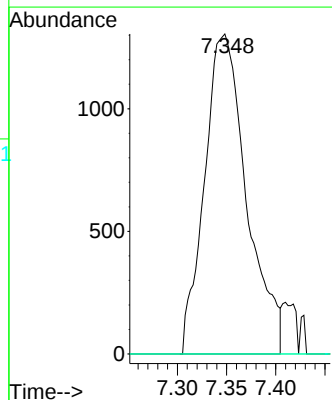
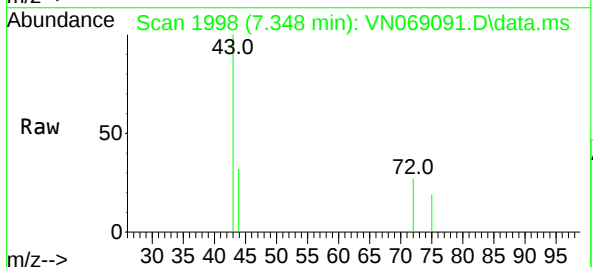
Instrument :
MSVOA_N
ClientSampled :

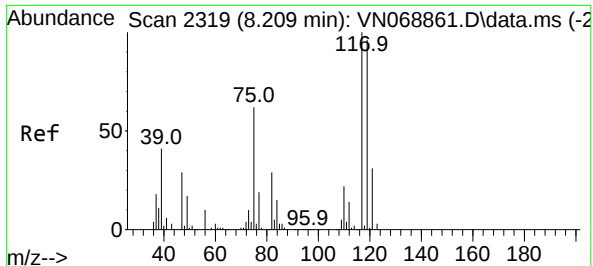
Tgt Ion: 75 Resp: 26562
Ion Ratio Lower Upper
75 100
110 9.2 17.9 53.8#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.781 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. -0.062 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

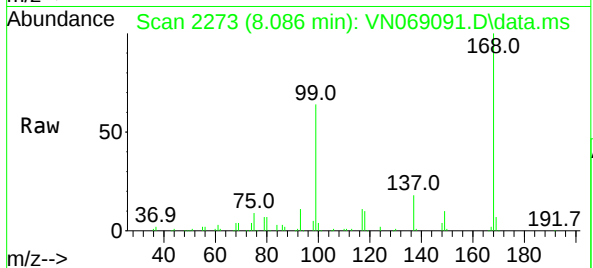
Tgt Ion: 43 Resp: 3895
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 8.4 12.6#



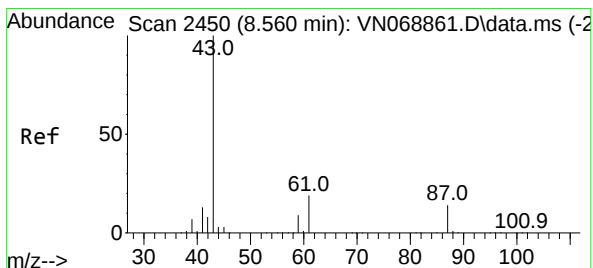
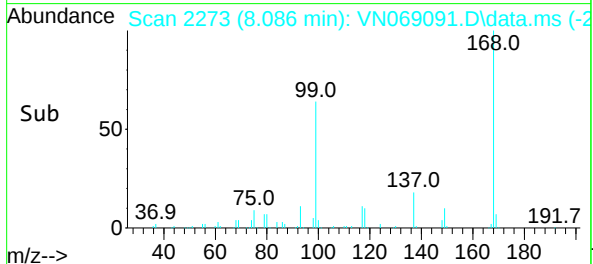
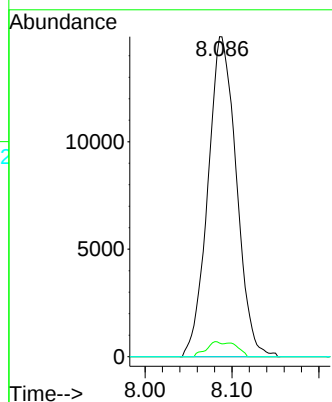


#38
Carbon Tetrachloride
Concen: 6.388 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

Instrument :
MSVOA_N
ClientSampled :

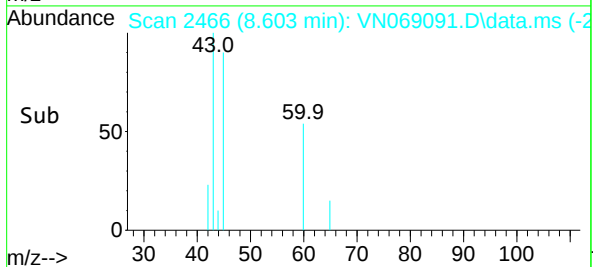
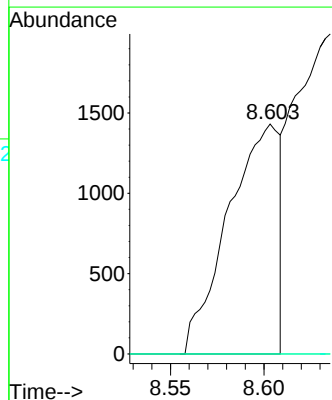
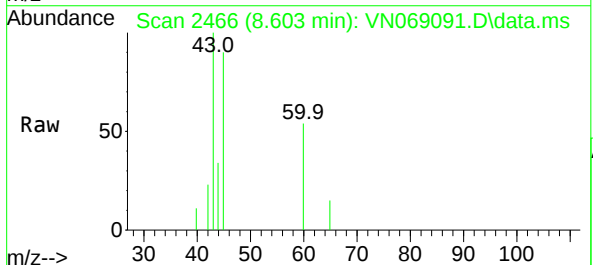


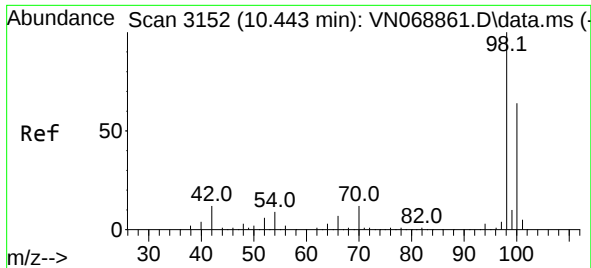
Tgt Ion:117 Resp: 33886
Ion Ratio Lower Upper
117 100
119 4.3 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.312 ug/l
RT: 8.603 min Scan# 2466
Delta R.T. 0.043 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

Tgt Ion: 43 Resp: 2745
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

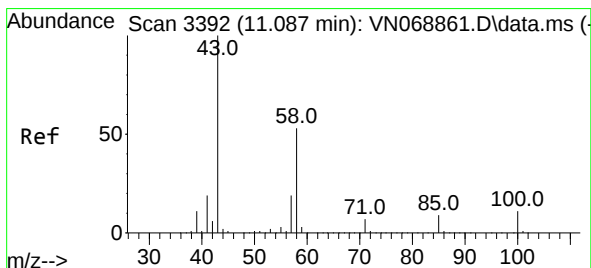
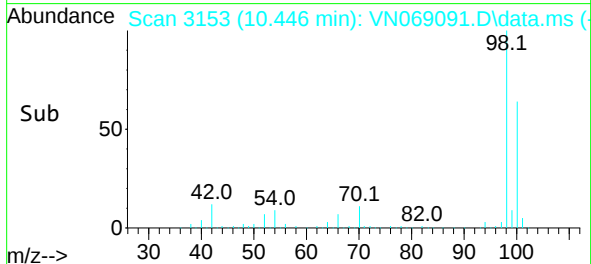
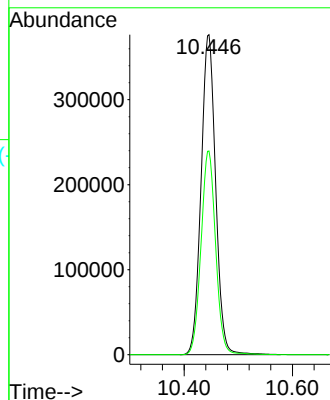
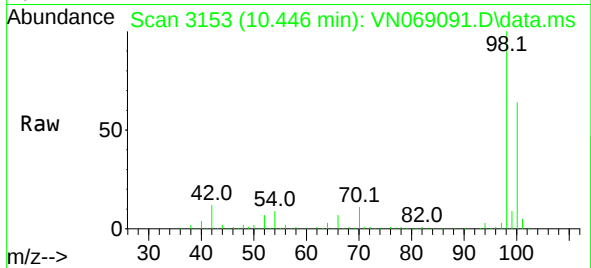




#50
Toluene-d8
Concen: 53.497 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

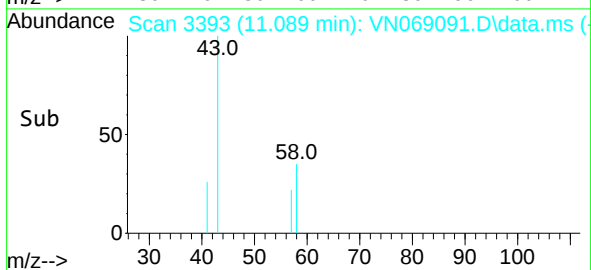
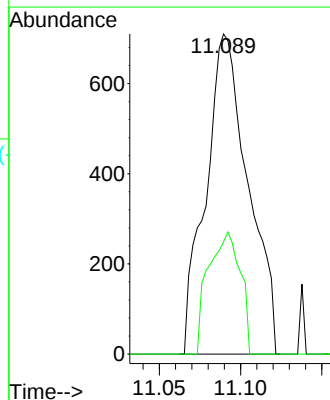
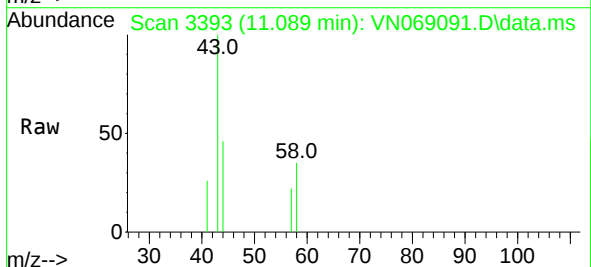
Instrument :
MSVOA_N
ClientSampleId :

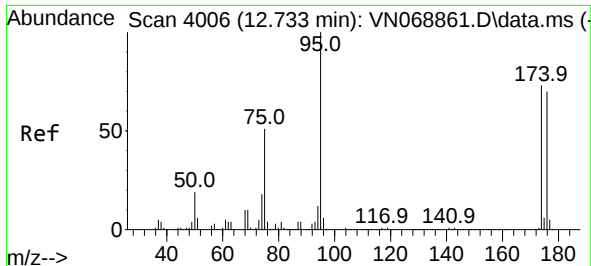
Tgt Ion: 98 Resp: 704222
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#59
2-Hexanone
Concen: 0.353 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

Tgt Ion: 43 Resp: 1292
Ion Ratio Lower Upper
43 100
58 28.6 26.9 80.7

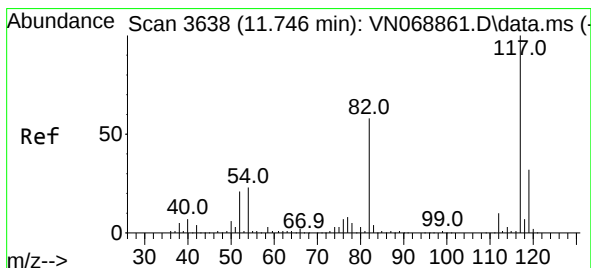
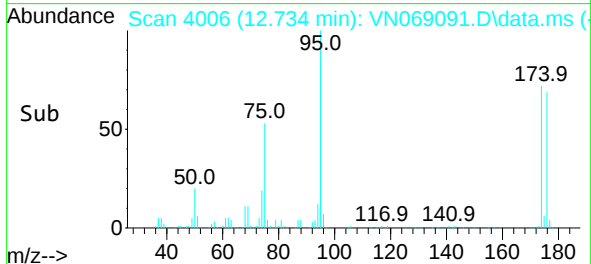
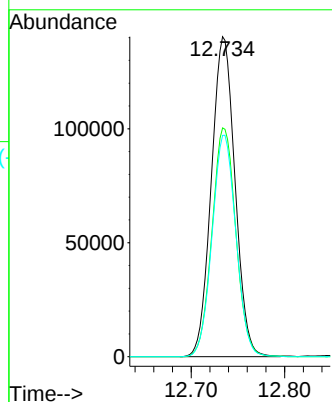
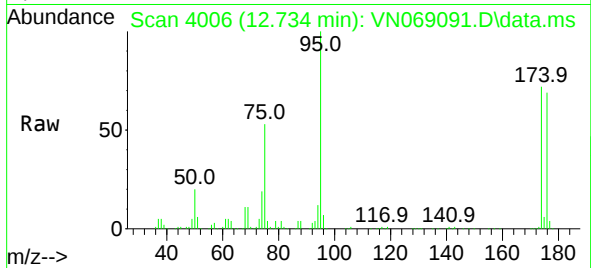




#62
4-Bromofluorobenzene
Concen: 49.692 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

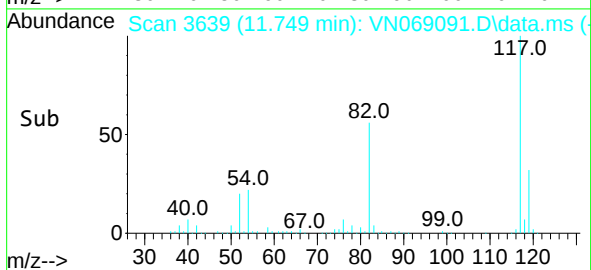
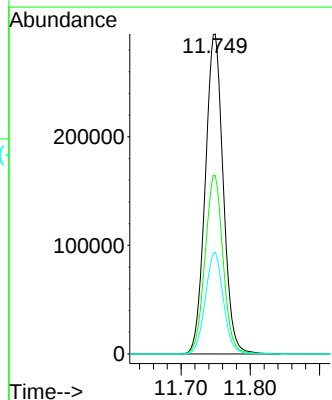
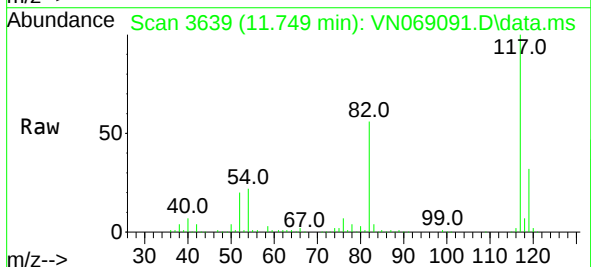
Instrument :
MSVOA_N
ClientSampled :

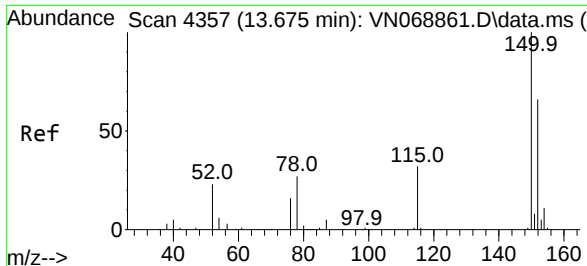
Tgt Ion: 95 Resp: 246797
Ion Ratio Lower Upper
95 100
174 72.0 0.0 144.8
176 69.8 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

Tgt Ion: 117 Resp: 531180
Ion Ratio Lower Upper
117 100
82 55.8 46.4 69.6
119 31.8 26.0 39.0

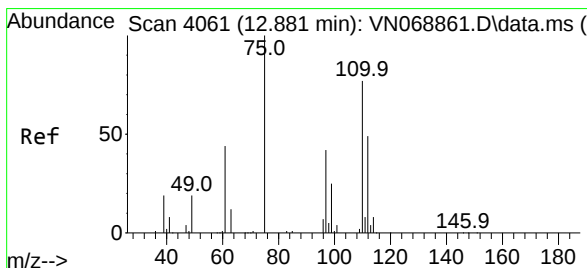
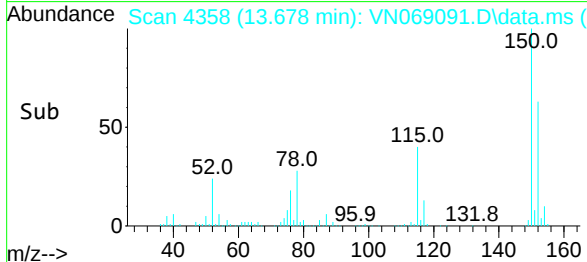
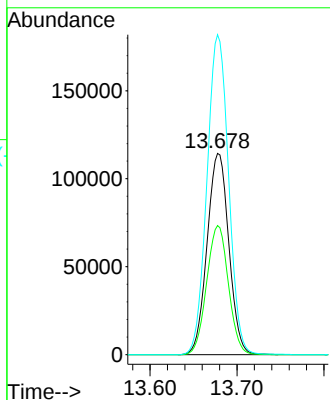
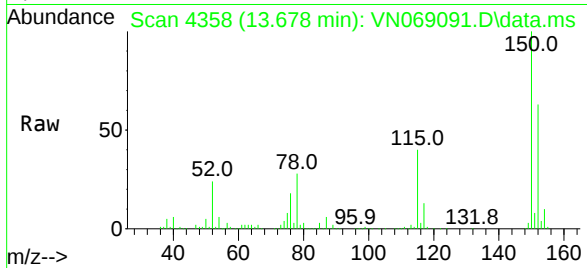




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069091.D
 Acq: 21 Oct 2021 16:28

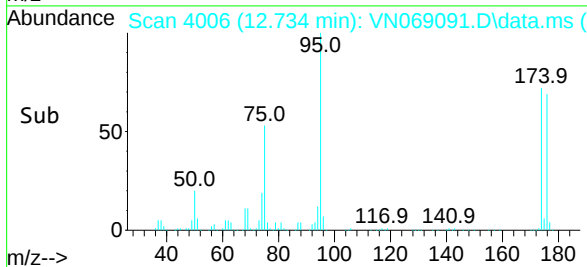
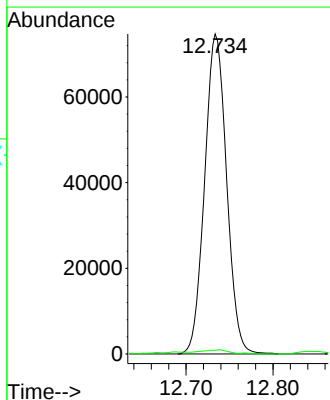
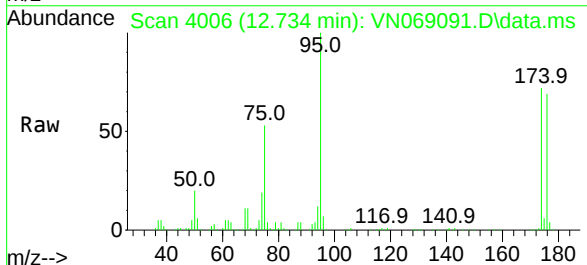
Instrument :
 MSVOA_N
 ClientSampled :

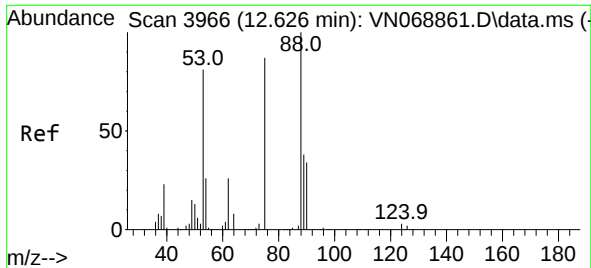
Tgt Ion:152 Resp: 199049
 Ion Ratio Lower Upper
 152 100
 115 64.0 31.4 94.3
 150 157.9 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.939 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. -0.147 min
 Lab File: VN069091.D
 Acq: 21 Oct 2021 16:28

Tgt Ion: 75 Resp: 131031
 Ion Ratio Lower Upper
 75 100
 77 1.2 96.2 288.4#

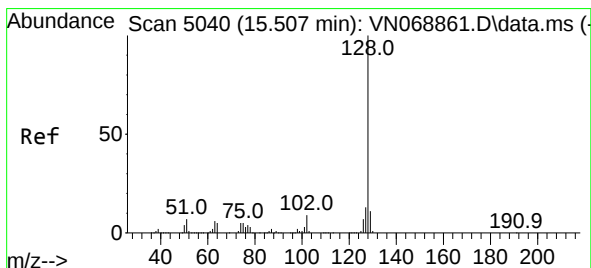
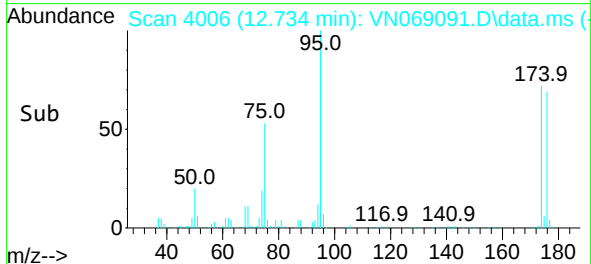
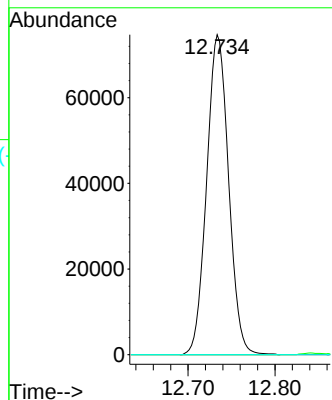
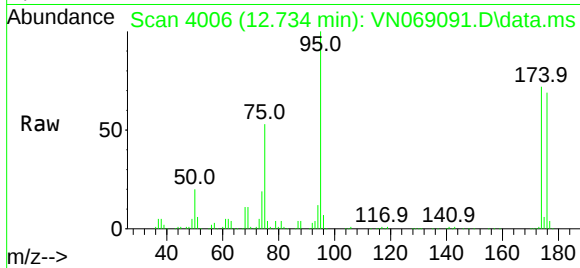




#81
trans-1,4-Dichloro-2-butene
Concen: 74.019 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 131031
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 4.018 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069091.D
Acq: 21 Oct 2021 16:28

Tgt Ion:128 Resp: 2067
Ion Ratio Lower Upper
128 100
127 1.2 10.5 15.7#
129 2.4 8.9 13.3#

