

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069037.D
 Acq On : 19 Oct 2021 19:55
 Operator : JC/MD
 Sample : M4244-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 20 05:50:26 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)

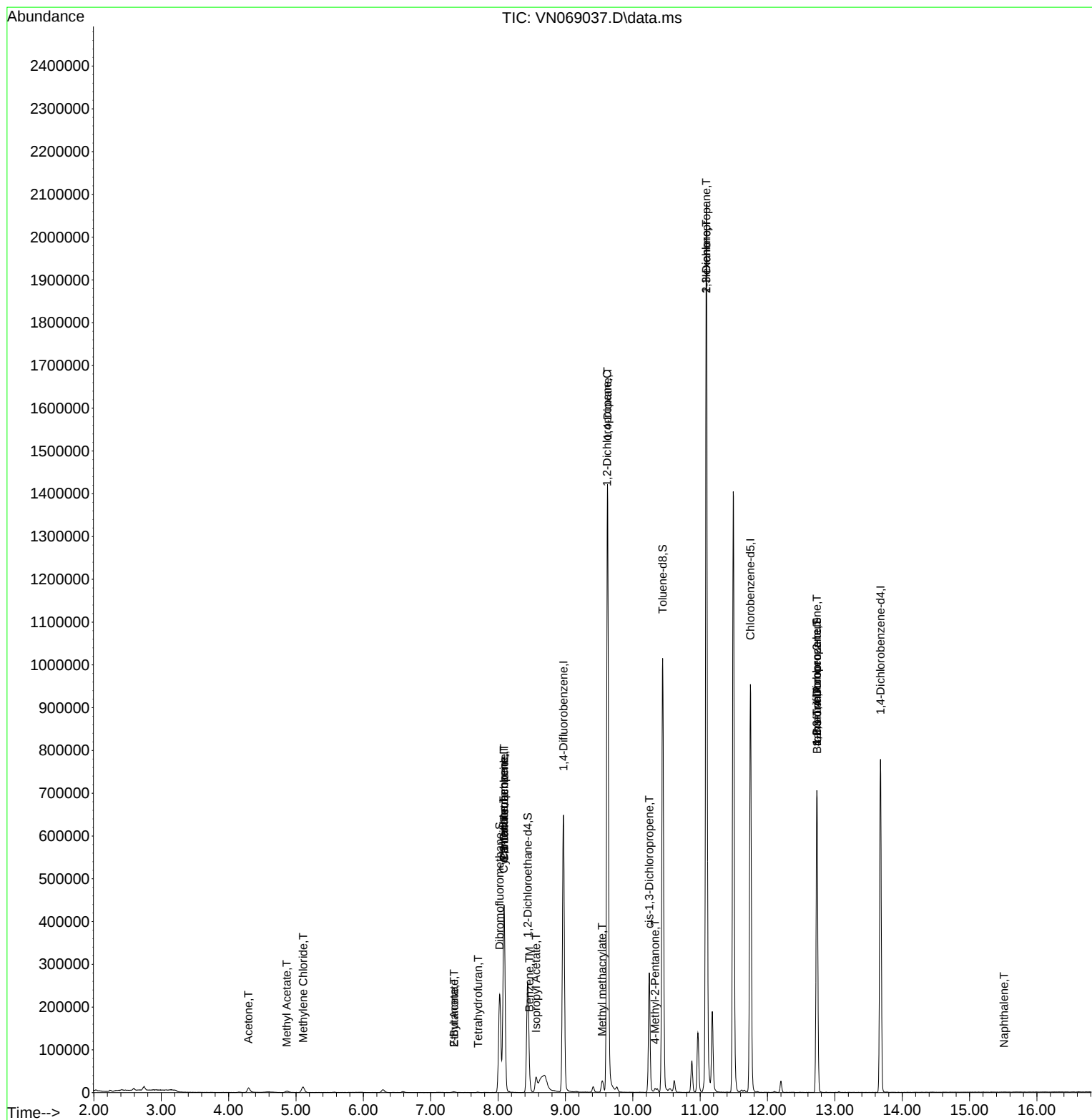
Internal Standards						
1) Pentafluorobenzene	8.088	168	328836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	581653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	557060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	207306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	218943	50.499	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 101.000%		
35) Dibromofluoromethane	8.024	113	172391	50.941	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 101.880%		
50) Toluene-d8	10.443	98	723494	53.432	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 106.860%		
62) 4-Bromofluorobenzene	12.733	95	259926	50.880	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 101.760%		
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	20043	12.388	ug/l	98
18) Methyl Acetate	4.865	43	8063	1.314	ug/l #	68
20) Methylene Chloride	5.106	84	10763	2.890	ug/l	89
25) 2-Butanone	7.345	43	3691	1.509	ug/l	94
29) Tetrahydrofuran	7.702	42	745	0.469	ug/l #	55
31) Cyclohexane	8.083	56	7788	1.155	ug/l #	16
36) 1,1-Dichloropropene	8.088	75	27118	5.458	ug/l #	50
37) Ethyl Acetate	7.345	43	3691	0.719	ug/l #	68
38) Carbon Tetrachloride	8.091	117	34824	6.382	ug/l #	16
40) Benzene	8.464	78	9205	0.608	ug/l	96
43) Isopropyl Acetate	8.563	43	43247	4.777	ug/l #	84
45) 1,2-Dichloropropane	9.620	63	1795	0.457	ug/l #	43
48) Methyl methacrylate	9.545	41	7271	1.709	ug/l #	13
49) 1,4-Dioxane	9.625	88	95	36.739	ug/l #	1
51) 4-Methyl-2-Pentanone	10.330	43	6322	1.204	ug/l	94
54) cis-1,3-Dichloropropene	10.245	75	51932	7.935	ug/l #	61
57) 1,3-Dichloropropane	11.092	76	22205	3.509	ug/l #	42
59) 2-Hexanone	11.092	43	326898	86.834	ug/l #	51
71) Bromoform	12.736	173	2011	0.608	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	136520	30.951	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	136520	74.048	ug/l #	12
95) Naphthalene	15.509	128	218	3.833	ug/l #	69

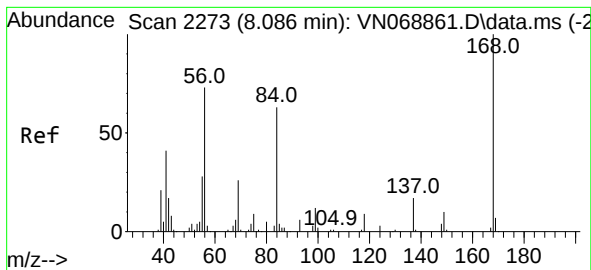
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
Data File : VN069037.D
Acq On : 19 Oct 2021 19:55
Operator : JC/MD
Sample : M4244-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 20 05:50:26 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

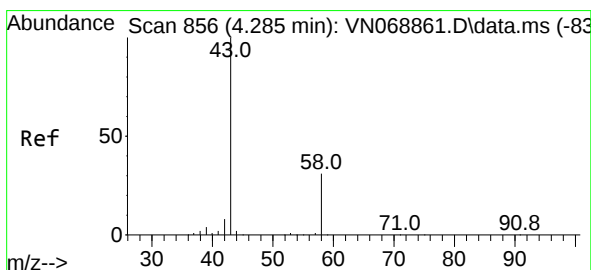
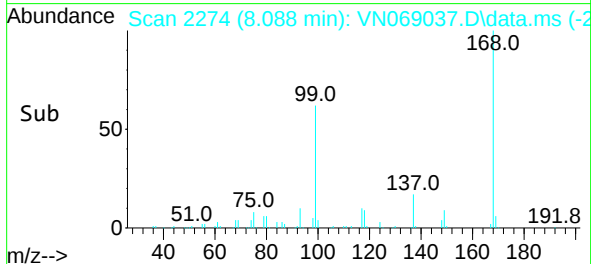
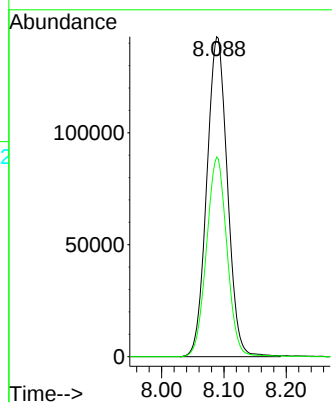
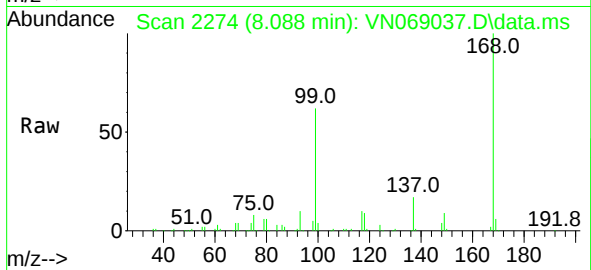




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

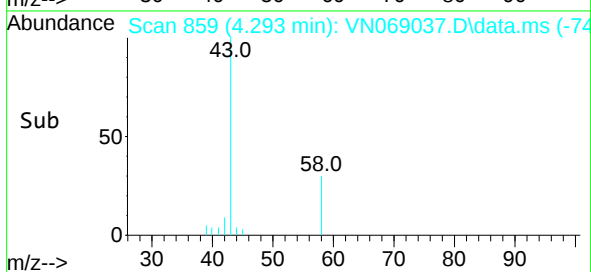
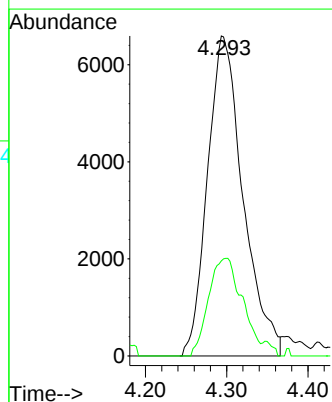
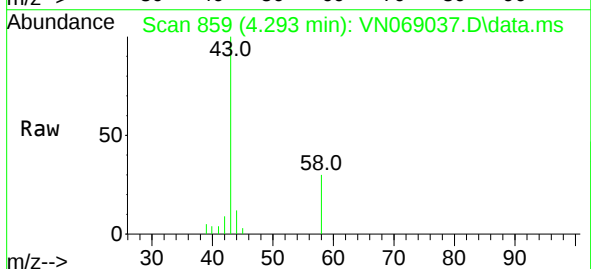
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:168 Resp: 328836
Ion Ratio Lower Upper
168 100
99 62.4 48.9 73.3



#16
Acetone
Concen: 12.388 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

Tgt Ion: 43 Resp: 20043
Ion Ratio Lower Upper
43 100
58 29.7 24.5 36.7

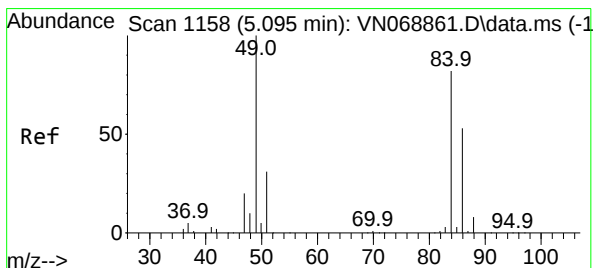
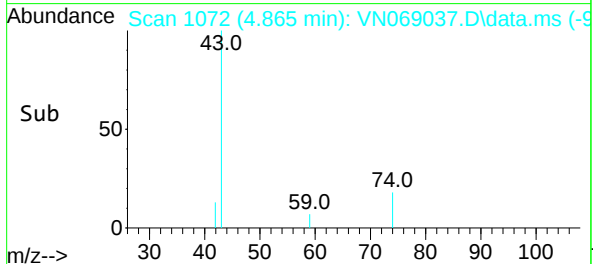
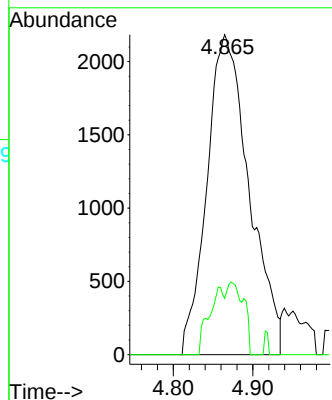
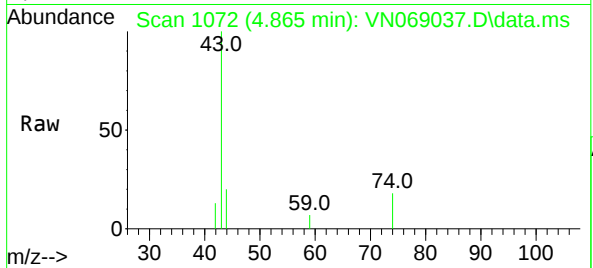




#18
Methyl Acetate
Concen: 1.314 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.011 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

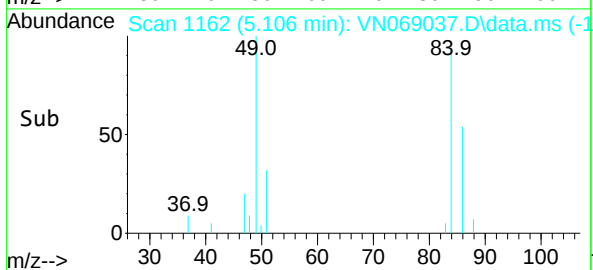
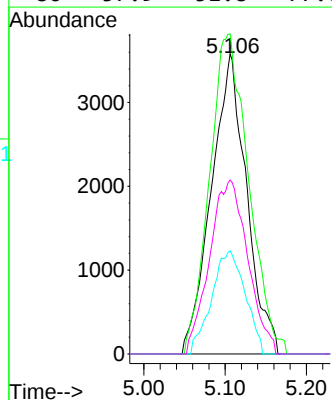
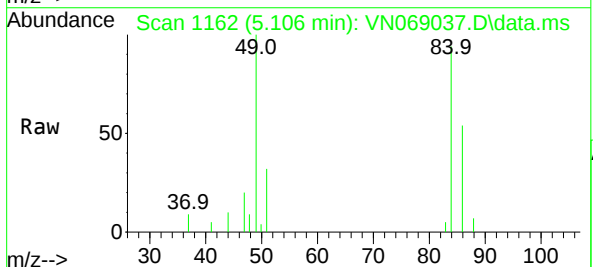
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 43 Resp: 8063
Ion Ratio Lower Upper
43 100
74 7.8 18.9 28.3#



#20
Methylene Chloride
Concen: 2.890 ug/l
RT: 5.106 min Scan# 1162
Delta R.T. 0.011 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

Tgt Ion: 84 Resp: 10763
Ion Ratio Lower Upper
84 100
49 106.6 97.6 146.4
51 34.4 30.3 45.5
86 57.9 51.8 77.6

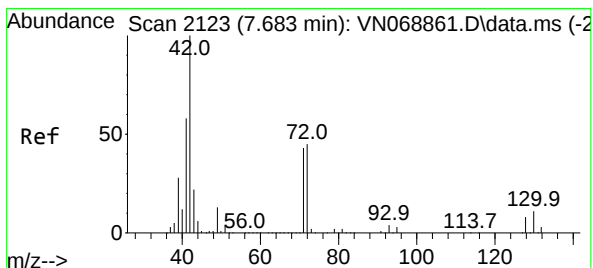
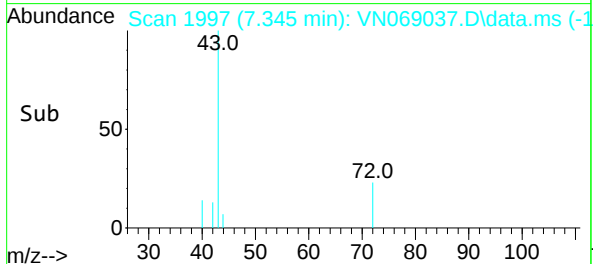
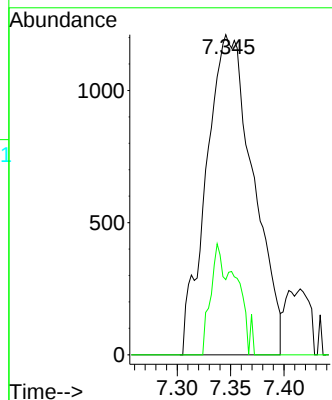
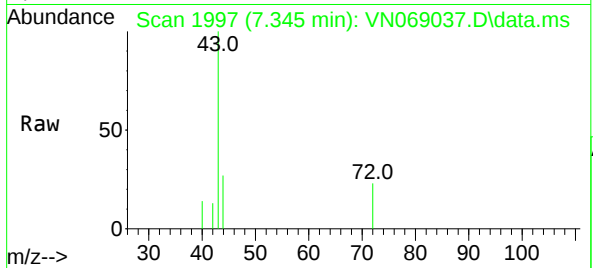




#25
2-Butanone
Concen: 1.509 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.013 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

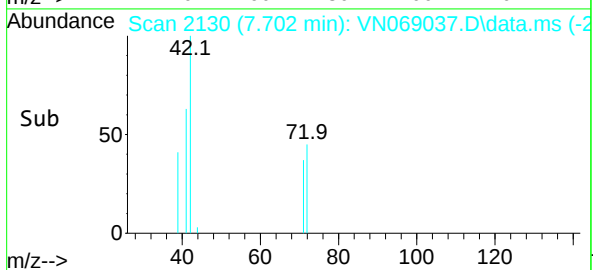
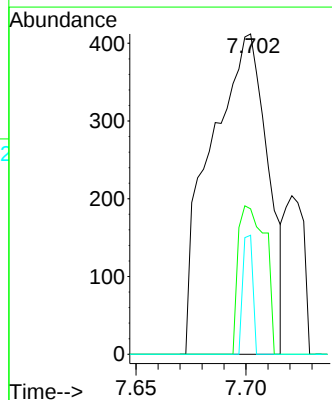
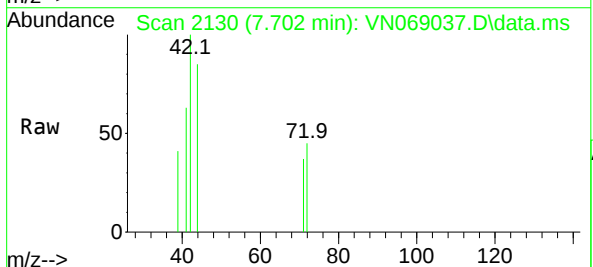
Instrument :
MSVOA_N
ClientSampled :

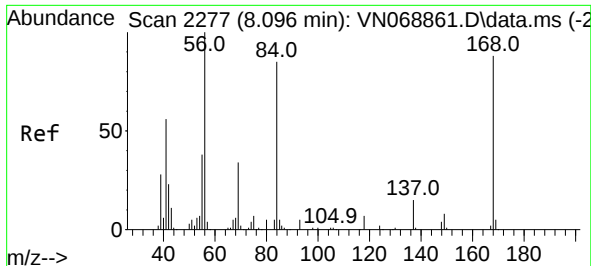
Tgt Ion: 43 Resp: 3691
Ion Ratio Lower Upper
43 100
72 23.5 21.2 31.8



#29
Tetrahydrofuran
Concen: 0.469 ug/l
RT: 7.702 min Scan# 2130
Delta R.T. 0.019 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

Tgt Ion: 42 Resp: 745
Ion Ratio Lower Upper
42 100
72 22.0 35.4 53.2#
71 6.6 33.8 50.6#

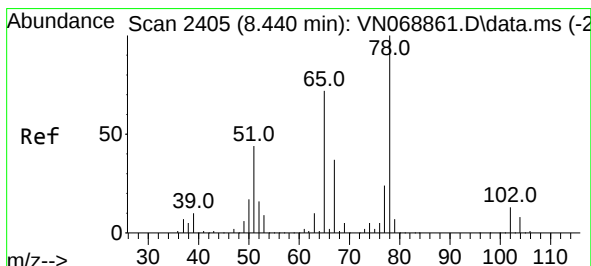
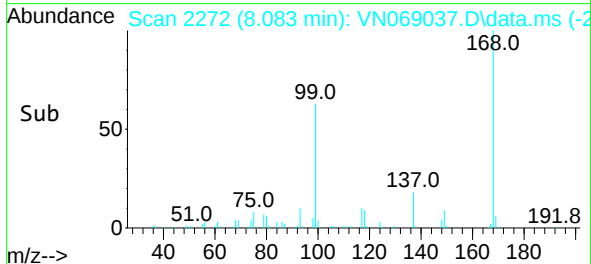
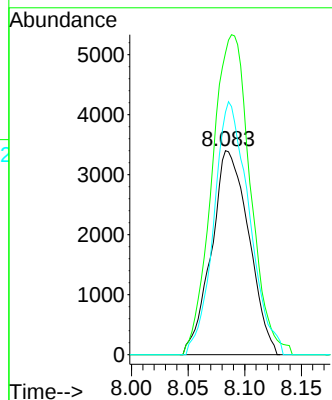
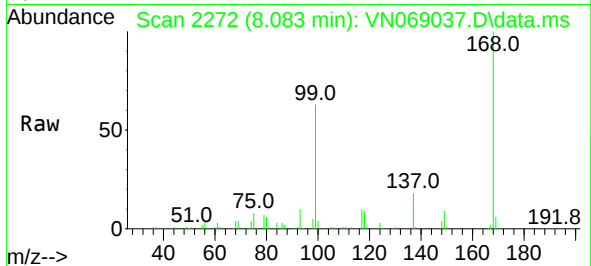




#31
Cyclohexane
Concen: 1.155 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.013 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

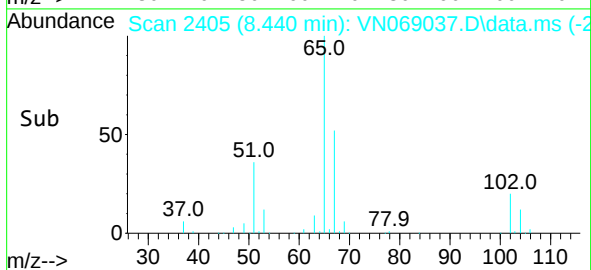
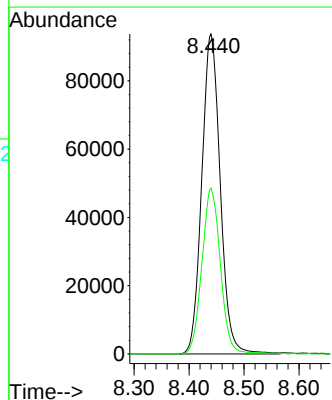
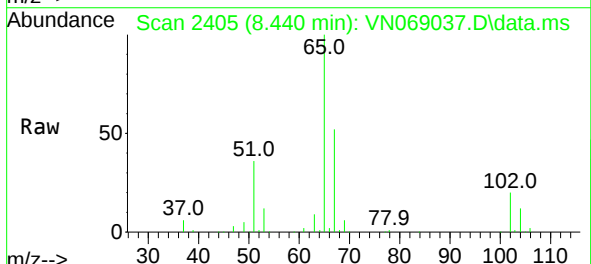
Instrument :
MSVOA_N
ClientSampleId :

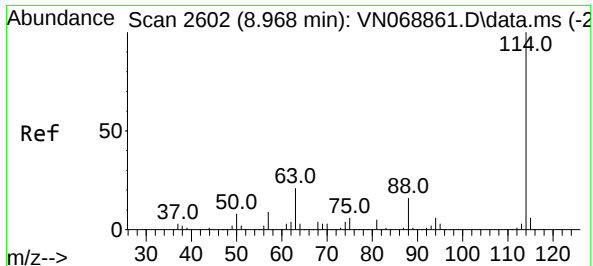
Tgt Ion: 56 Resp: 7788
Ion Ratio Lower Upper
56 100
69 148.0 26.9 40.3#
84 118.9 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 50.499 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

Tgt Ion: 65 Resp: 218943
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.8

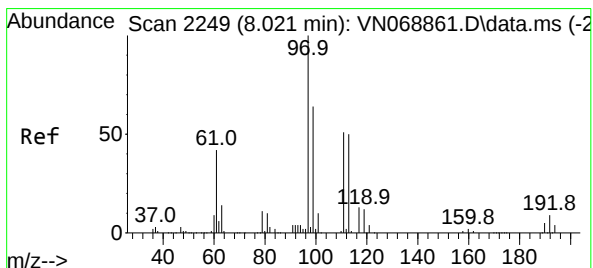
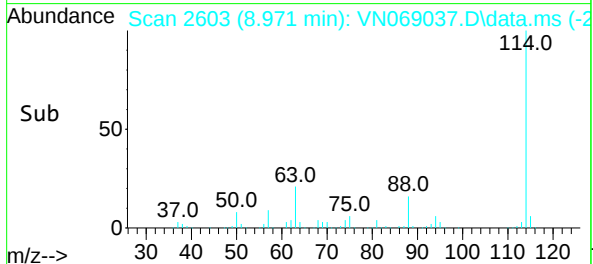
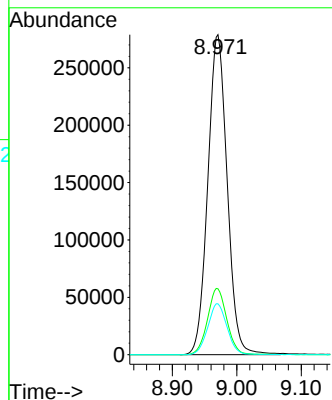
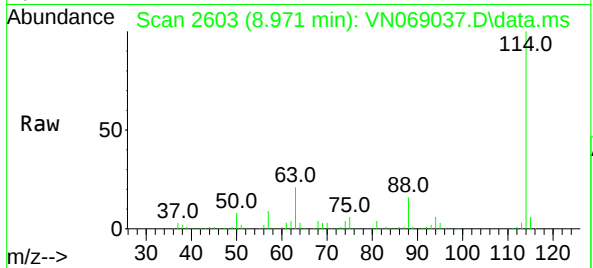




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

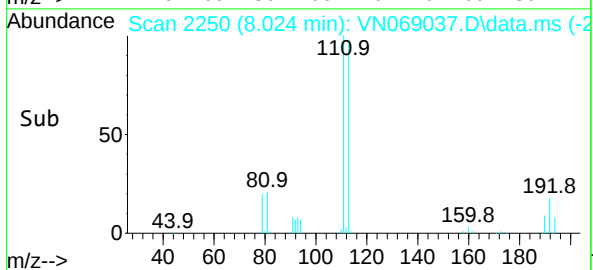
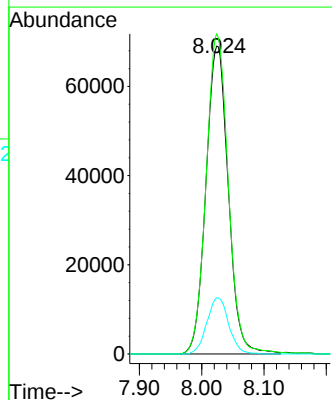
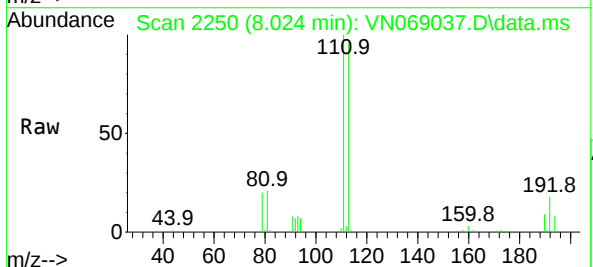
Instrument :
MSVOA_N
ClientSampleId :

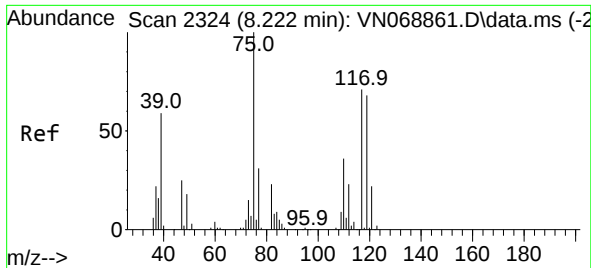
Tgt Ion:114 Resp: 581653
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.6
88 15.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.941 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

Tgt Ion:113 Resp: 172391
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 17.8 15.0 22.4

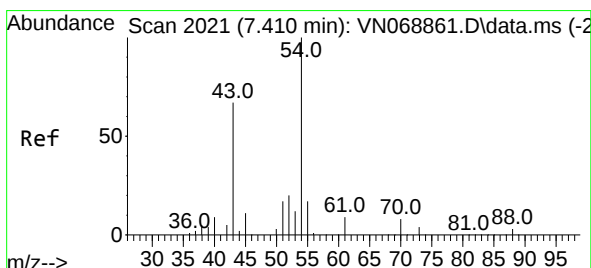
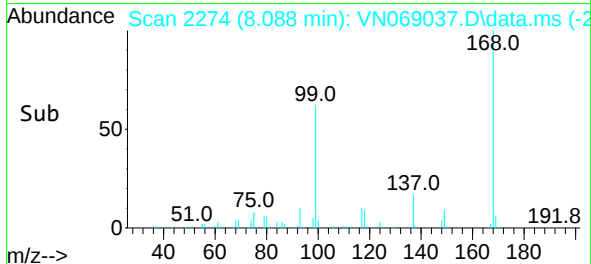
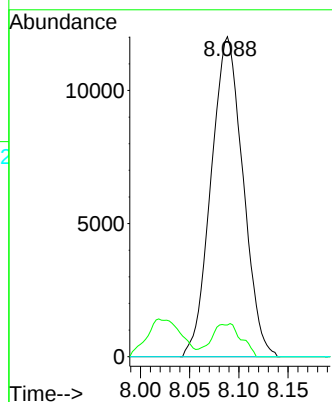
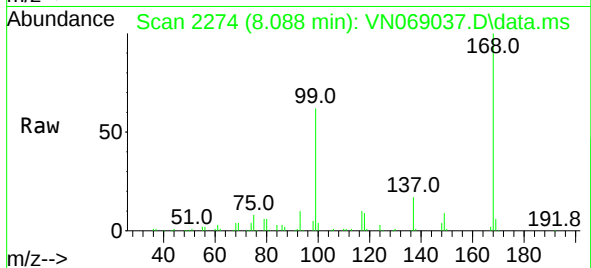




#36
1,1-Dichloropropene
Concen: 5.458 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

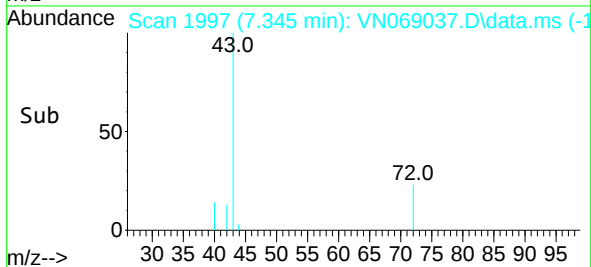
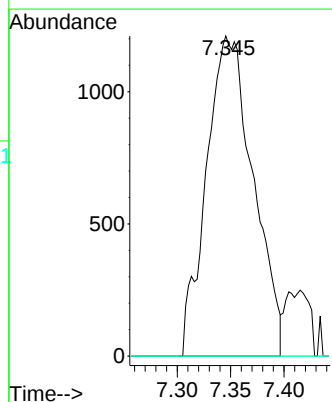
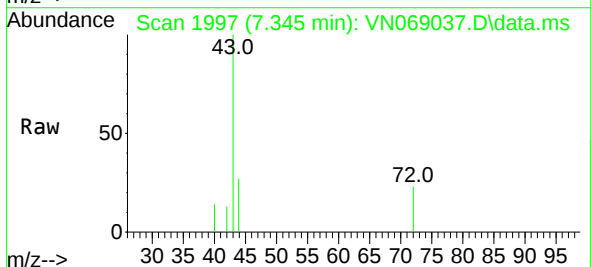
Instrument :
MSVOA_N
ClientSampleId :

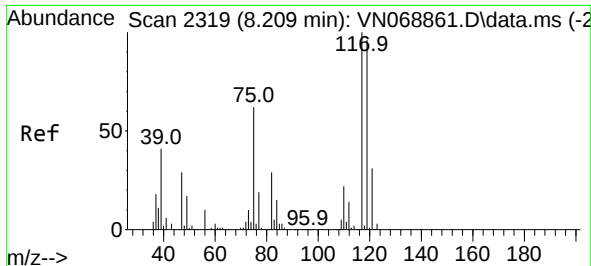
Tgt Ion: 75 Resp: 27118
Ion Ratio Lower Upper
75 100
110 9.6 17.9 53.8#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.719 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. -0.064 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

Tgt Ion: 43 Resp: 3691
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 8.4 12.6#

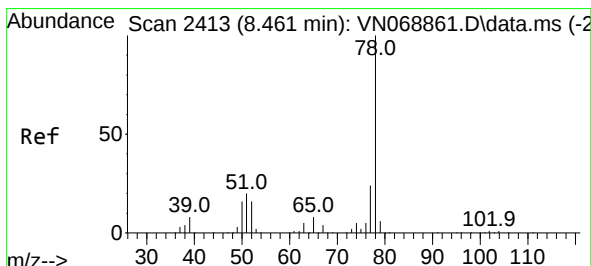
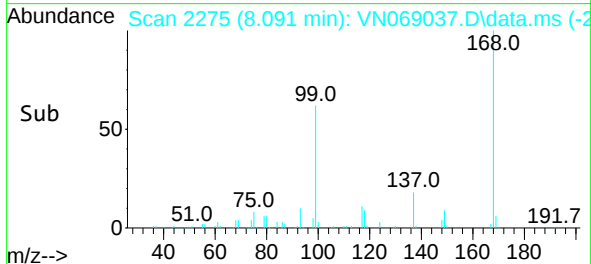
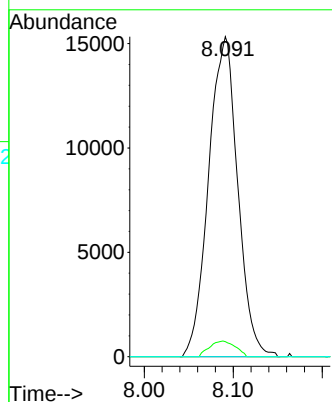
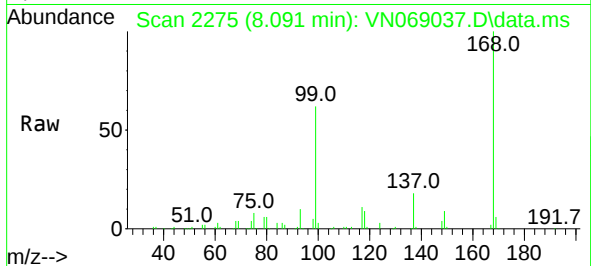




#38
Carbon Tetrachloride
Concen: 6.382 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

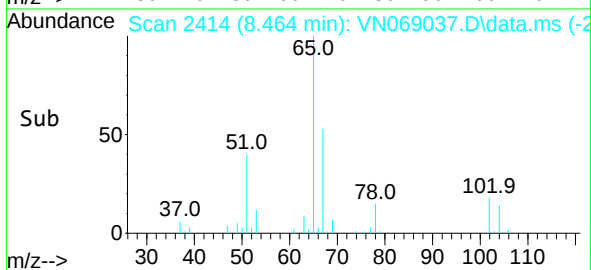
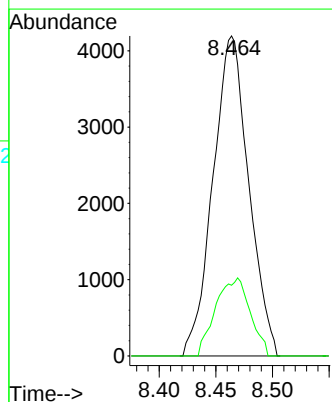
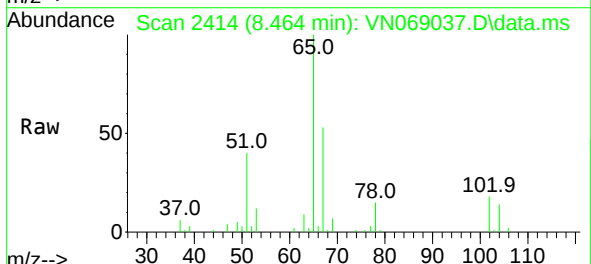
Instrument :
MSVOA_N
ClientSampleId :

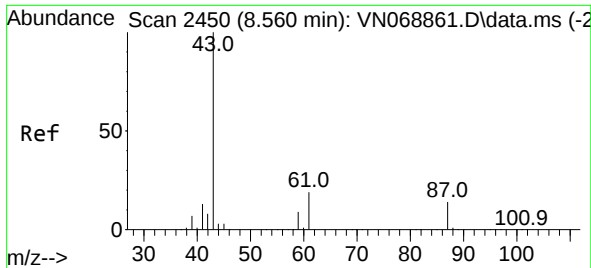
Tgt Ion:117 Resp: 34824
Ion Ratio Lower Upper
117 100
119 4.7 76.9 115.3#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 0.608 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

Tgt Ion: 78 Resp: 9205
Ion Ratio Lower Upper
78 100
77 22.1 19.1 28.7

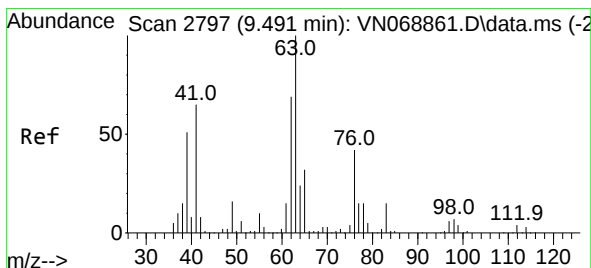
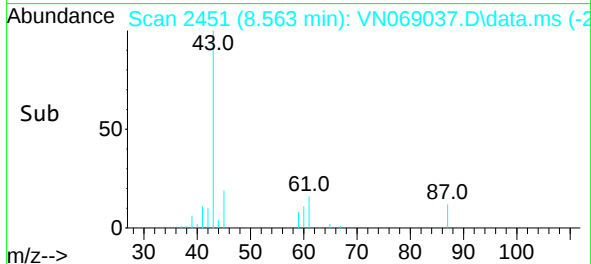
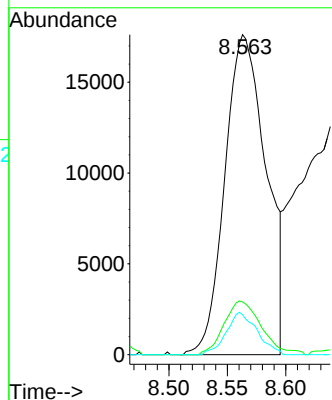
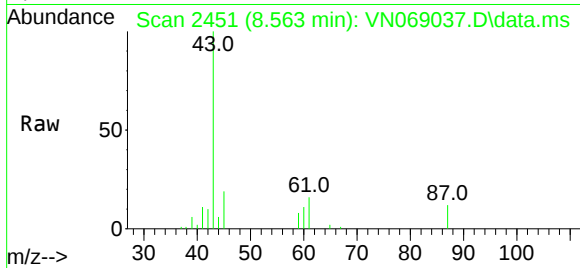




#43
Isopropyl Acetate
Concen: 4.777 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

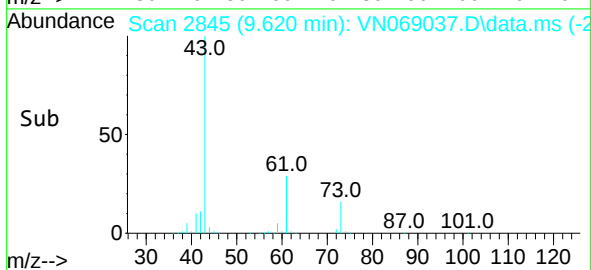
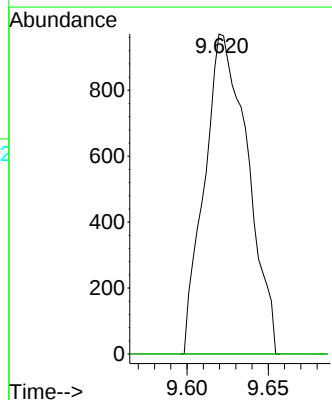
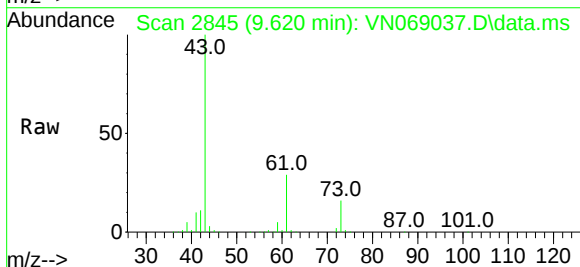
Instrument :
MSVOA_N
ClientSampled :

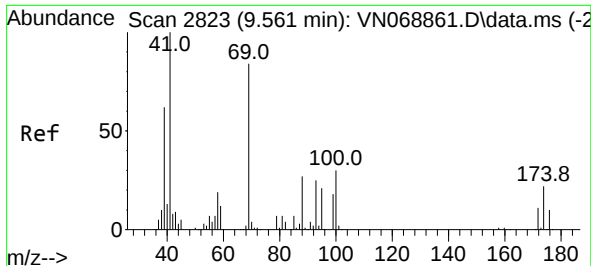
Tgt Ion: 43 Resp: 43247
Ion Ratio Lower Upper
43 100
61 15.2 20.4 30.6#
87 9.9 10.7 16.1#



#45
1,2-Dichloropropane
Concen: 0.457 ug/l
RT: 9.620 min Scan# 2845
Delta R.T. 0.129 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

Tgt Ion: 63 Resp: 1795
Ion Ratio Lower Upper
63 100
65 0.0 25.6 38.4#

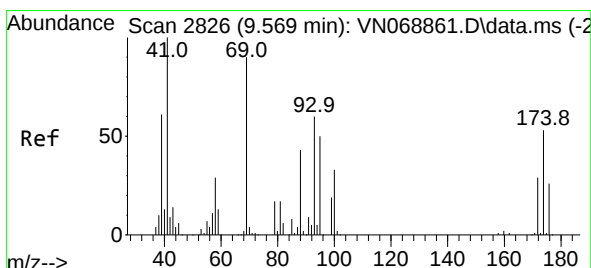
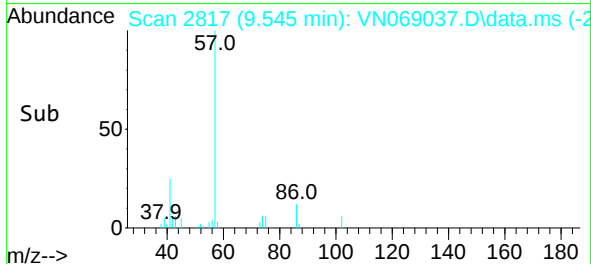
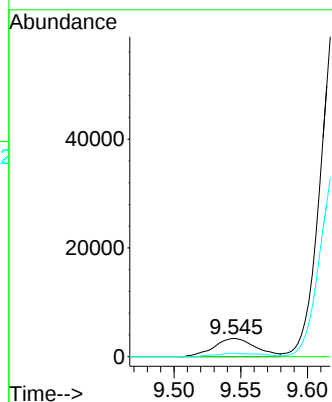
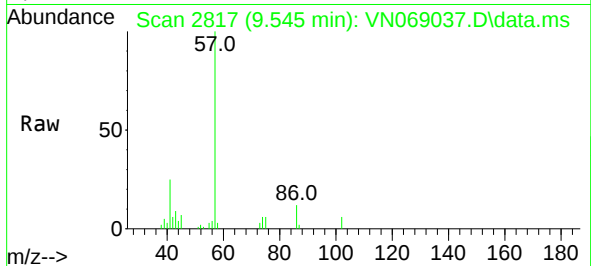




#48
Methyl methacrylate
Concen: 1.709 ug/l
RT: 9.545 min Scan# 2817
Delta R.T. -0.016 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

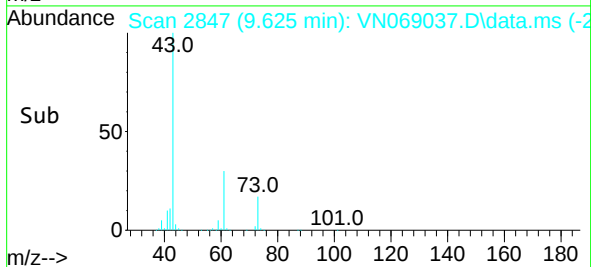
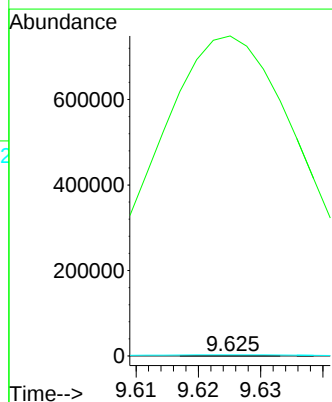
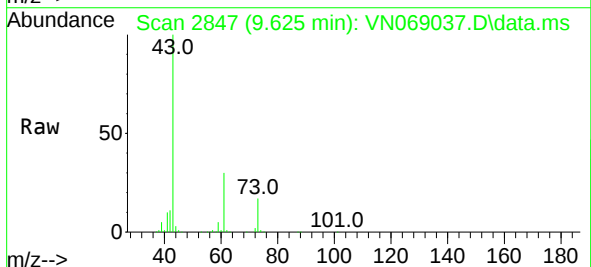
Instrument :
MSVOA_N
ClientSampled :

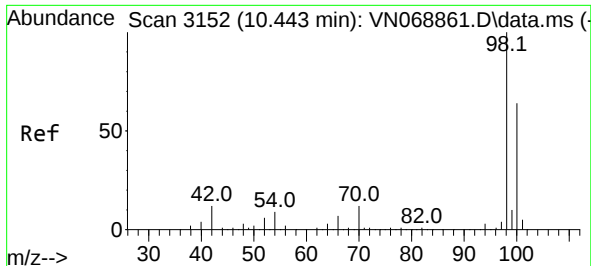
Tgt Ion: 41 Resp: 7271
Ion Ratio Lower Upper
41 100
69 0.0 66.4 99.6#
39 0.0 50.2 75.2#



#49
1,4-Dioxane
Concen: 36.739 ug/l
RT: 9.625 min Scan# 2847
Delta R.T. 0.056 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

Tgt Ion: 88 Resp: 95
Ion Ratio Lower Upper
88 100
43 1524528.4 24.9 37.3#
58 5790.5 56.9 85.3#

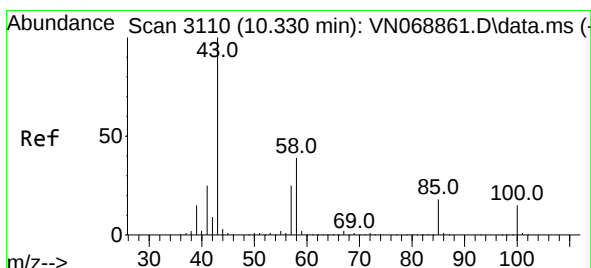
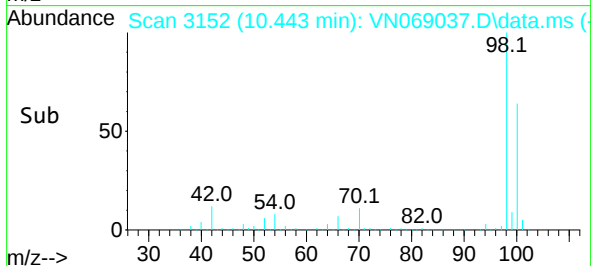
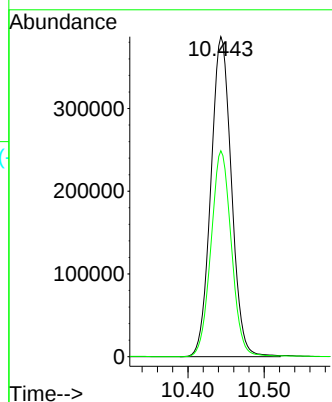
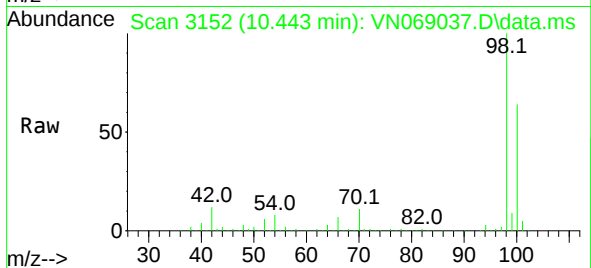




#50
Toluene-d8
Concen: 53.432 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

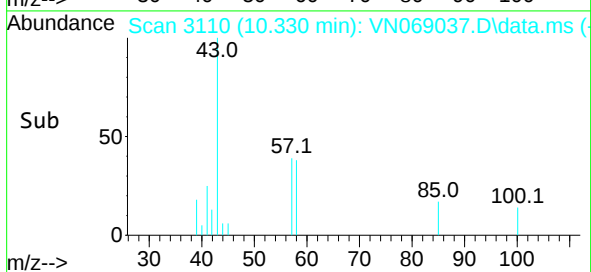
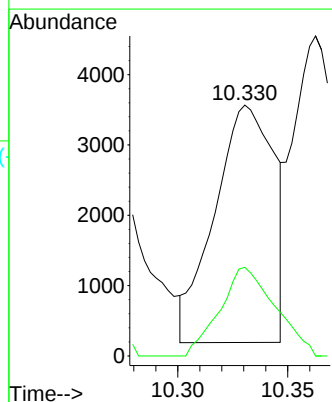
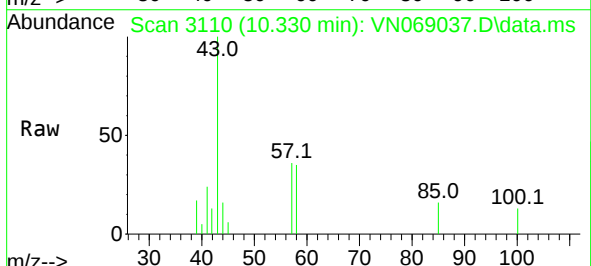
Instrument :
MSVOA_N
ClientSampled :

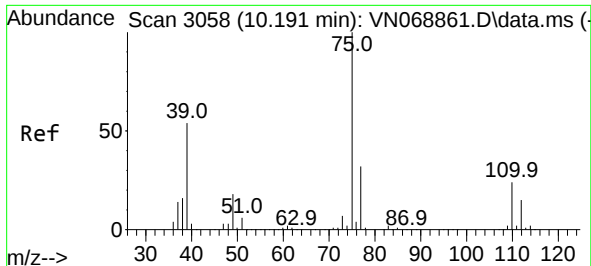
Tgt Ion: 98 Resp: 723494
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 1.204 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

Tgt Ion: 43 Resp: 6322
Ion Ratio Lower Upper
43 100
58 34.9 31.0 46.4

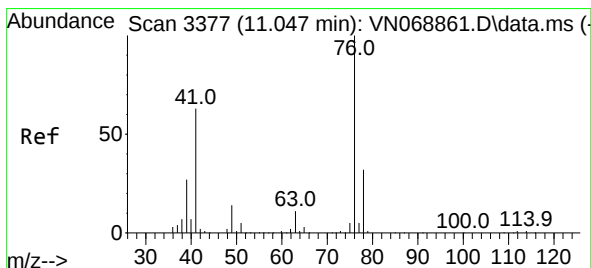
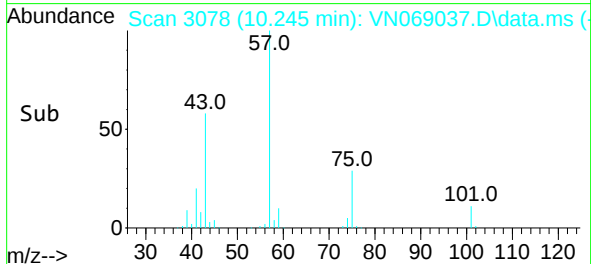
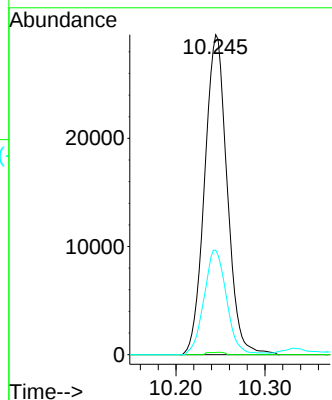
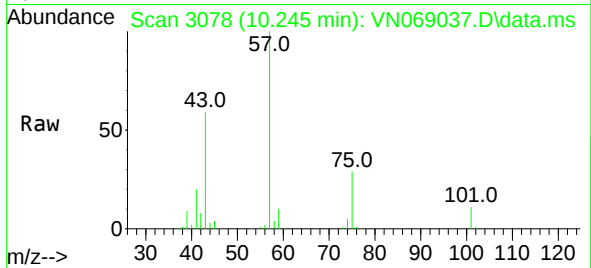




#54
 cis-1,3-Dichloropropene
 Concen: 7.935 ug/l
 RT: 10.245 min Scan# 3078
 Delta R.T. 0.054 min
 Lab File: VN069037.D
 Acq: 19 Oct 2021 19:55

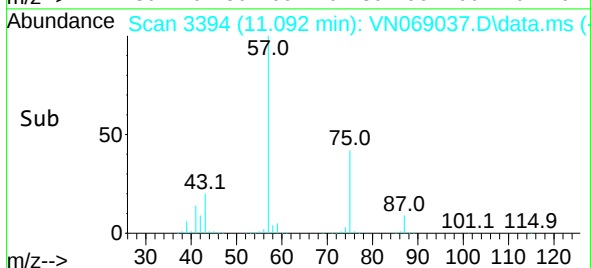
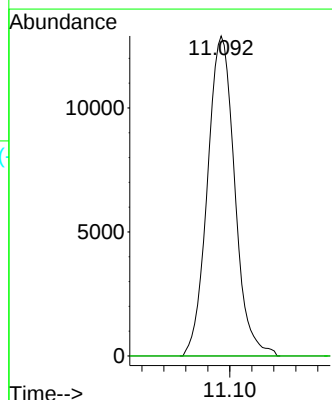
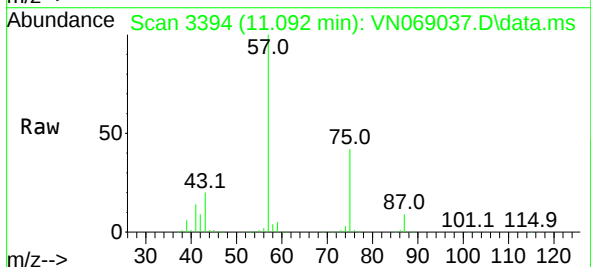
Instrument :
 MSVOA_N
 ClientSampleId :

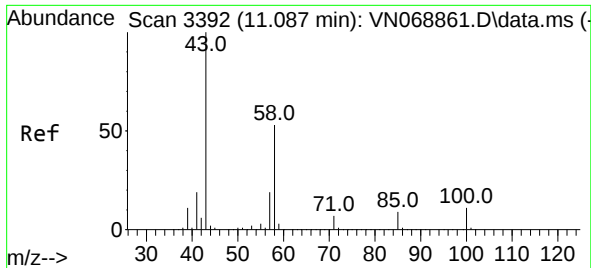
Tgt Ion: 75 Resp: 51932
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.6 38.4#
 39 32.6 42.9 64.3#



#57
 1,3-Dichloropropane
 Concen: 3.509 ug/l
 RT: 11.092 min Scan# 3394
 Delta R.T. 0.046 min
 Lab File: VN069037.D
 Acq: 19 Oct 2021 19:55

Tgt Ion: 76 Resp: 22205
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#

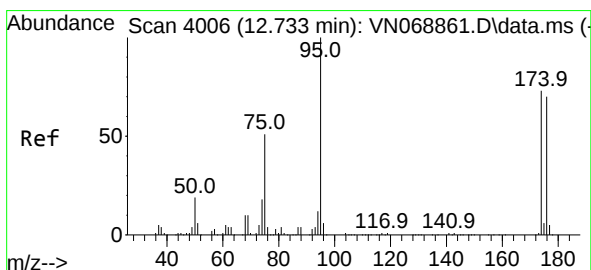
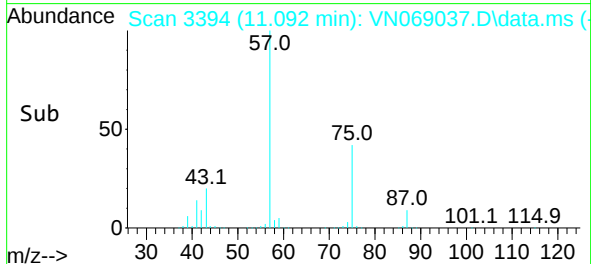
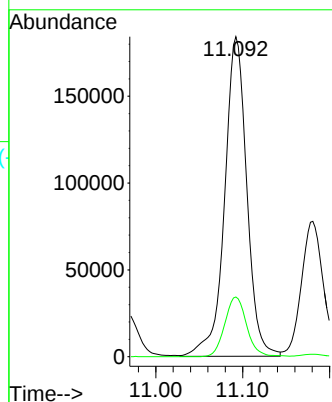
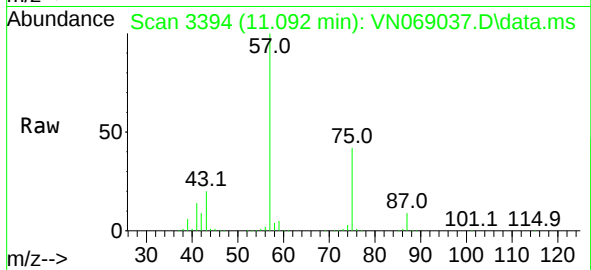




#59
2-Hexanone
Concen: 86.834 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

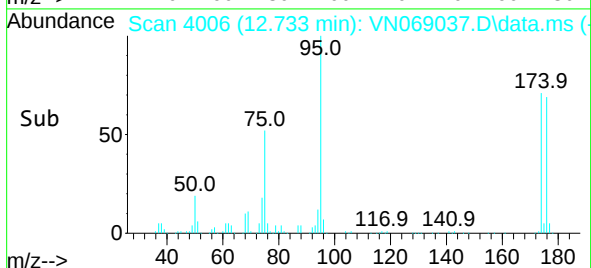
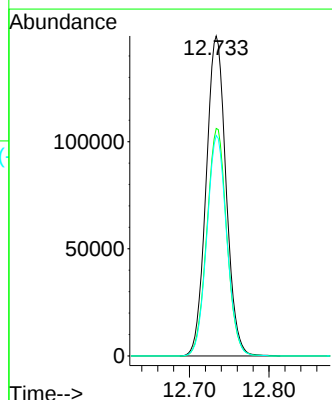
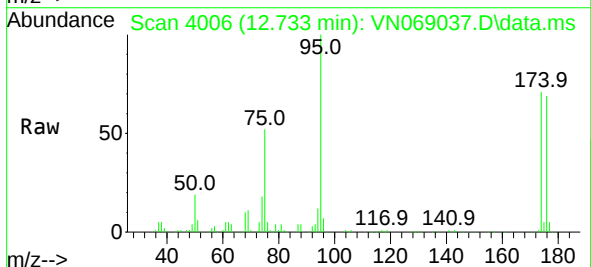
Instrument :
MSVOA_N
ClientSampleId :

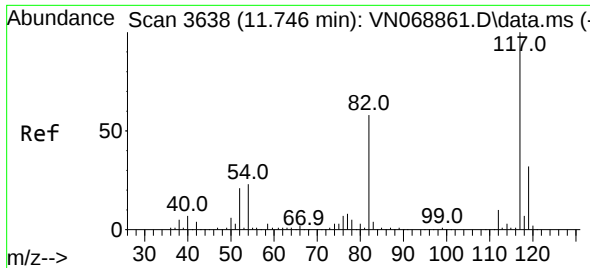
Tgt Ion: 43 Resp: 326898
Ion Ratio Lower Upper
43 100
58 18.5 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 50.880 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

Tgt Ion: 95 Resp: 259926
Ion Ratio Lower Upper
95 100
174 71.2 0.0 144.8
176 69.1 0.0 140.0

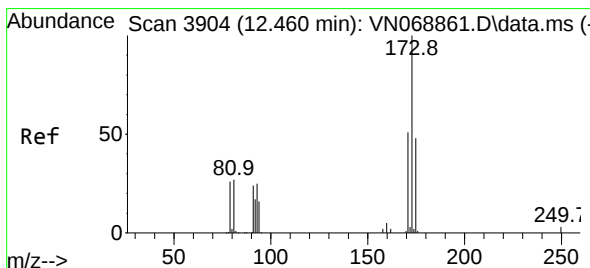
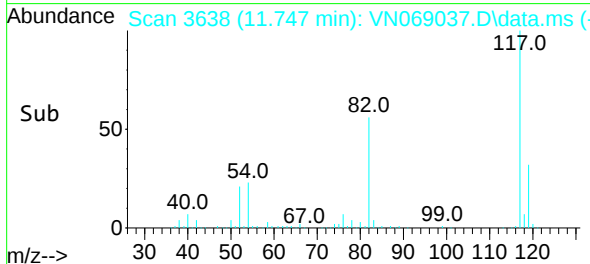
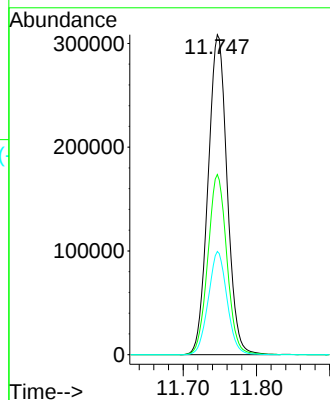
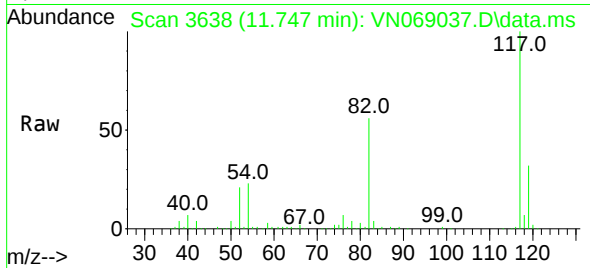




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

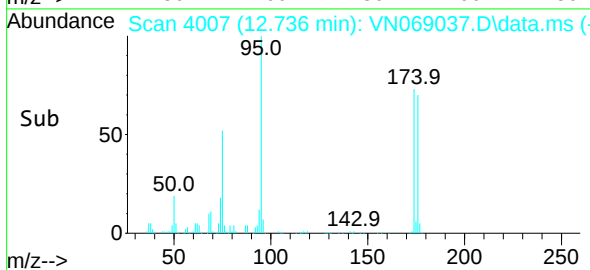
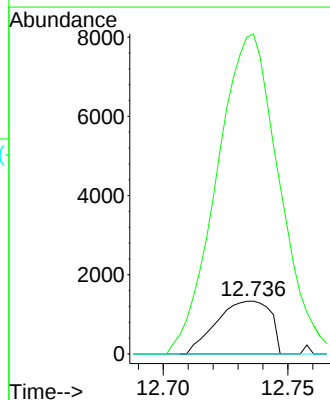
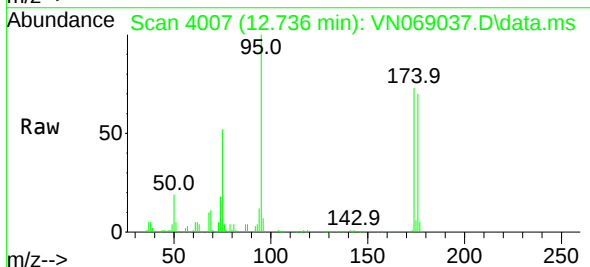
Instrument :
MSVOA_N
ClientSampleId :

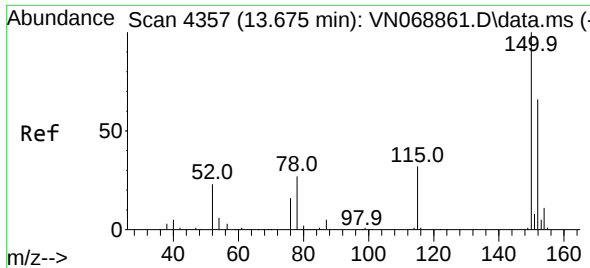
Tgt Ion:117 Resp: 557060
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 32.2 26.0 39.0



#71
Bromoform
Concen: 0.608 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

Tgt Ion:173 Resp: 2011
Ion Ratio Lower Upper
173 100
175 645.9 23.8 71.5#
254 0.0 0.0 0.0

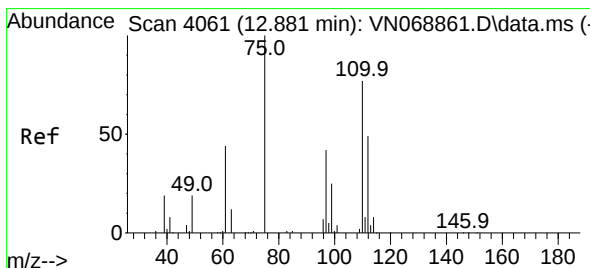
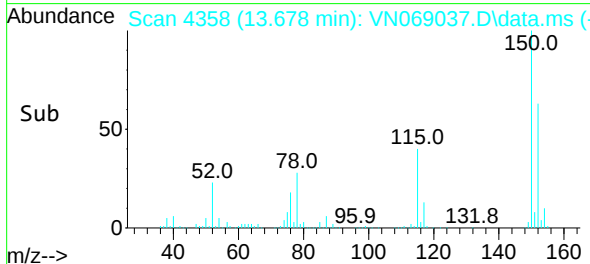
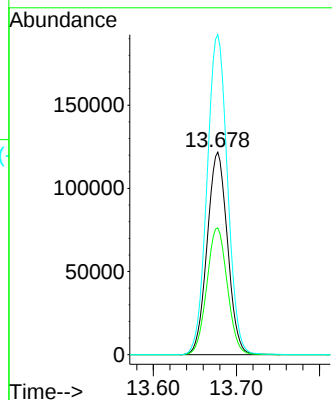
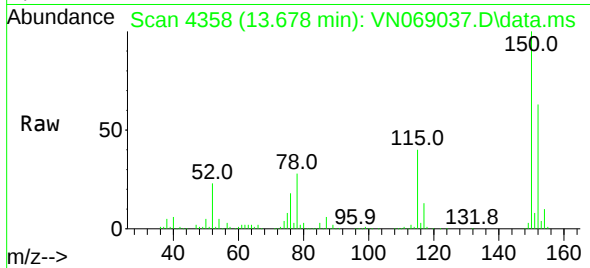




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069037.D
 Acq: 19 Oct 2021 19:55

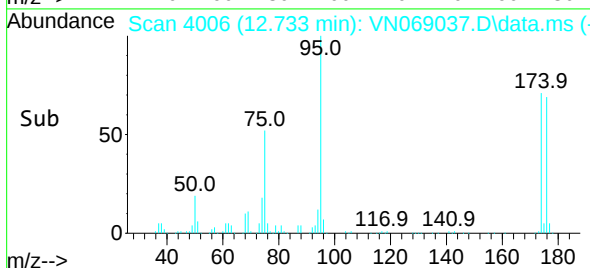
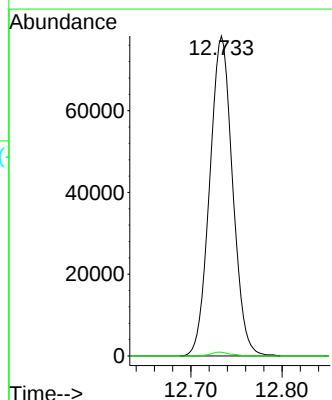
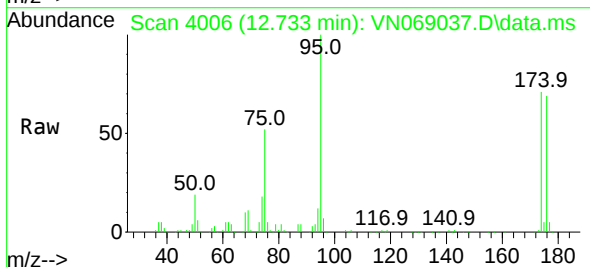
Instrument :
 MSVOA_N
 ClientSampled :

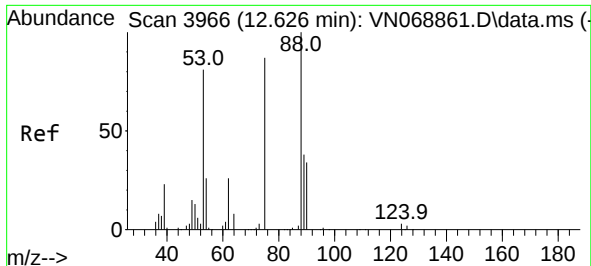
Tgt Ion:152 Resp: 207306
 Ion Ratio Lower Upper
 152 100
 115 63.0 31.4 94.3
 150 158.6 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.951 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.147 min
 Lab File: VN069037.D
 Acq: 19 Oct 2021 19:55

Tgt Ion: 75 Resp: 136520
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.2 288.4#

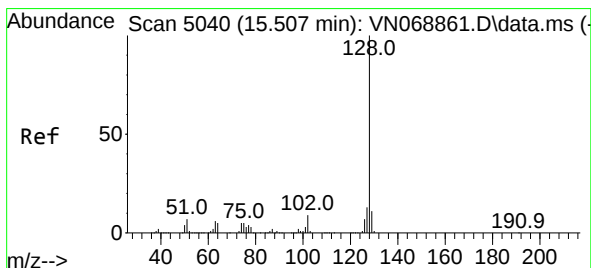
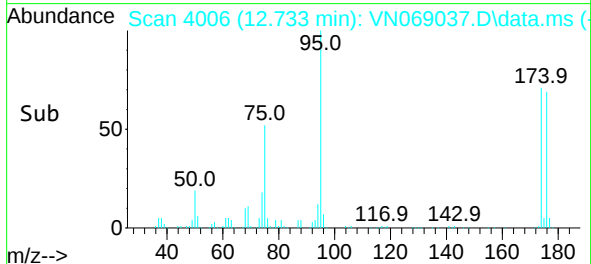
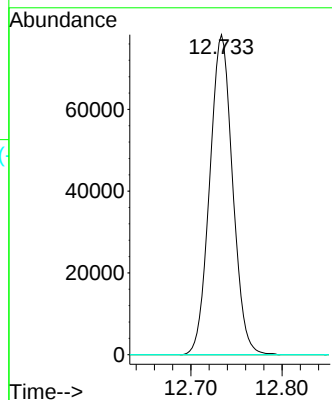
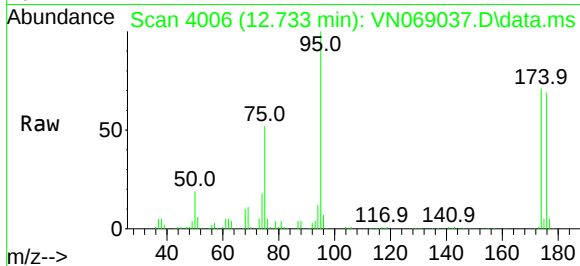




#81
trans-1,4-Dichloro-2-butene
Concen: 74.048 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 136520
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.833 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069037.D
Acq: 19 Oct 2021 19:55

Tgt Ion:128 Resp: 218
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

