

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069039.D
 Acq On : 19 Oct 2021 20:45
 Operator : JC/MD
 Sample : M4224-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 20 05:50:45 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)

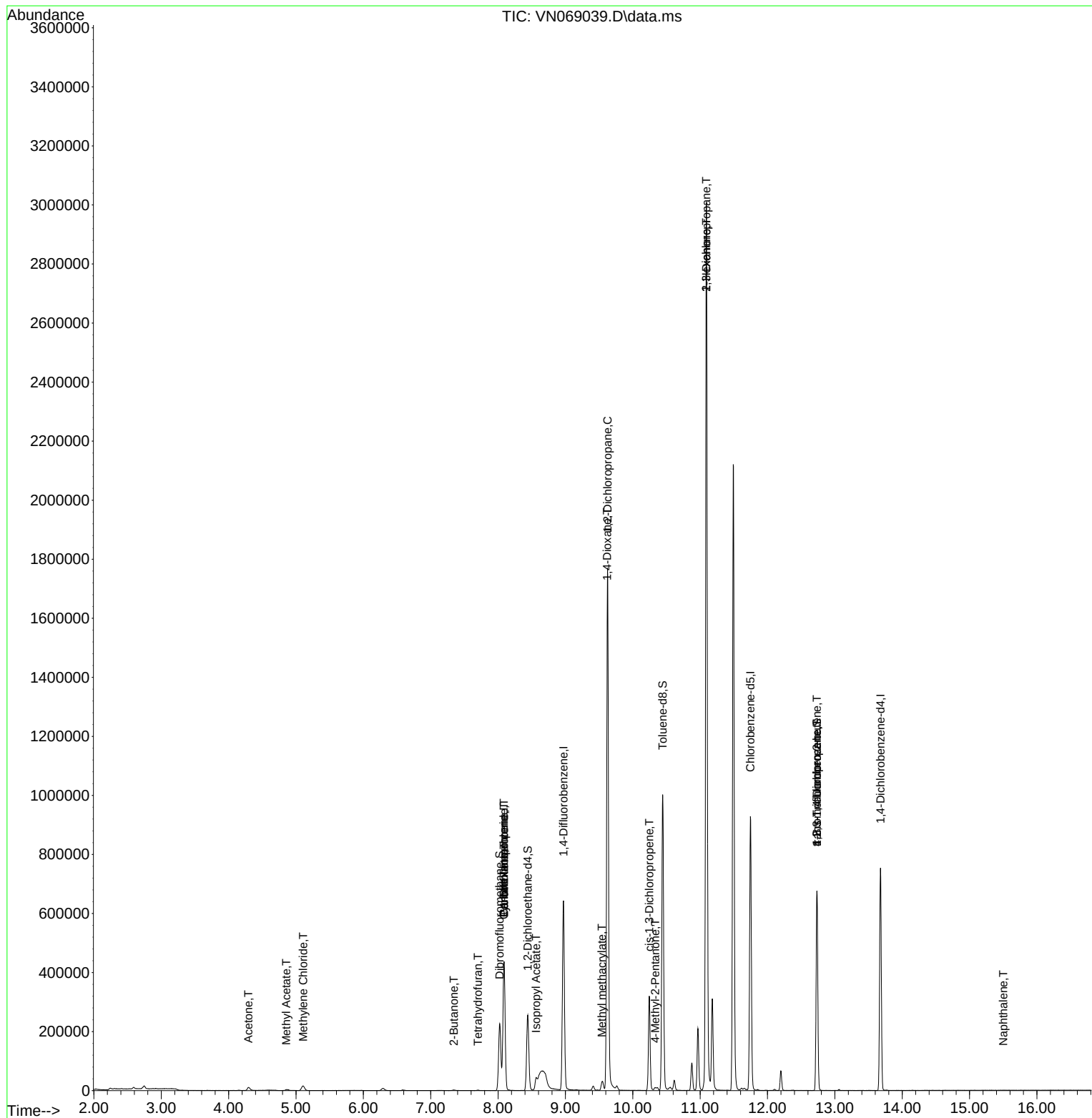
Internal Standards						
1) Pentafluorobenzene	8.088	168	328338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	570863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	543059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	203323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	216620	50.039	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.080%		
35) Dibromofluoromethane	8.024	113	169130	50.922	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 101.840%		
50) Toluene-d8	10.443	98	716261	53.898	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 107.800%		
62) 4-Bromofluorobenzene	12.733	95	248197	49.502	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 99.000%		
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	20403	12.629	ug/l	100
18) Methyl Acetate	4.854	43	3046	0.497	ug/l #	65
20) Methylene Chloride	5.106	84	13112	3.526	ug/l	98
25) 2-Butanone	7.343	43	3713	1.520	ug/l #	86
29) Tetrahydrofuran	7.702	42	715	0.451	ug/l #	76
31) Cyclohexane	8.085	56	7455	1.108	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	27132	5.564	ug/l #	49
38) Carbon Tetrachloride	8.088	117	34090	6.366	ug/l #	15
43) Isopropyl Acetate	8.566	43	50297	5.661	ug/l #	83
45) 1,2-Dichloropropane	9.628	63	2143	0.556	ug/l #	43
48) Methyl methacrylate	9.542	41	8214	1.967	ug/l #	13
49) 1,4-Dioxane	9.620	88	180	37.767	ug/l #	1
51) 4-Methyl-2-Pentanone	10.336	43	4541	0.881	ug/l #	74
54) cis-1,3-Dichloropropene	10.244	75	59871	9.321	ug/l #	59
57) 1,3-Dichloropropane	11.092	76	32472	5.229	ug/l #	42
59) 2-Hexanone	11.092	43	467402	126.503	ug/l #	51
76) 1,2,3-Trichloropropane	12.733	75	128332	29.664	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	128332	70.970	ug/l #	12
95) Naphthalene	15.501	128	186	3.830	ug/l #	69

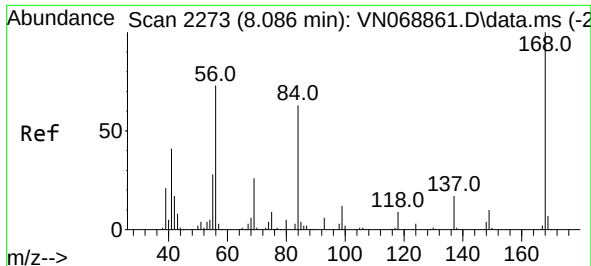
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
Data File : VN069039.D
Acq On : 19 Oct 2021 20:45
Operator : JC/MD
Sample : M4224-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 20 05:50:45 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

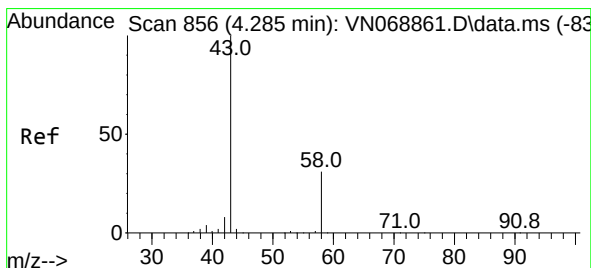
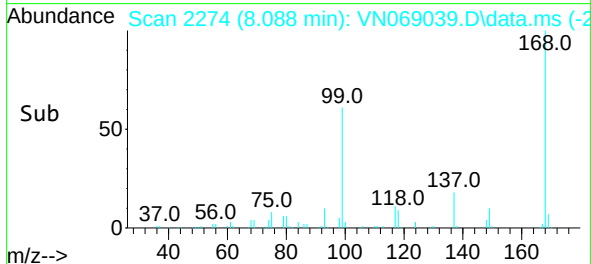
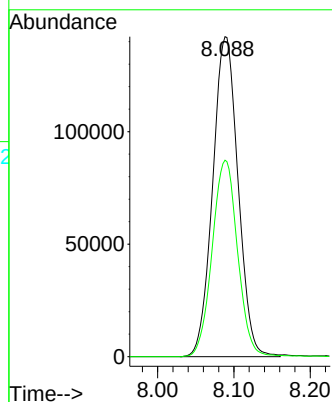
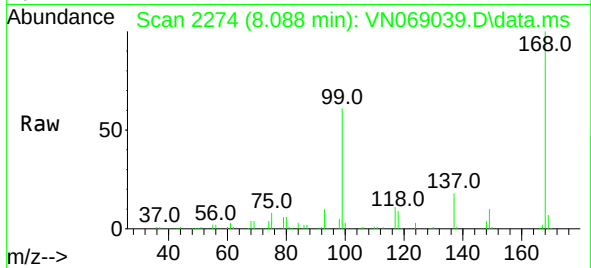




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

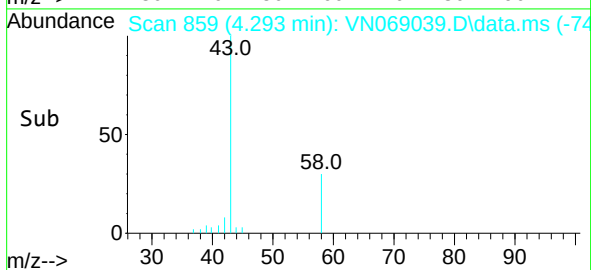
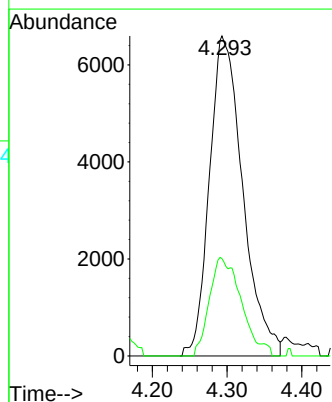
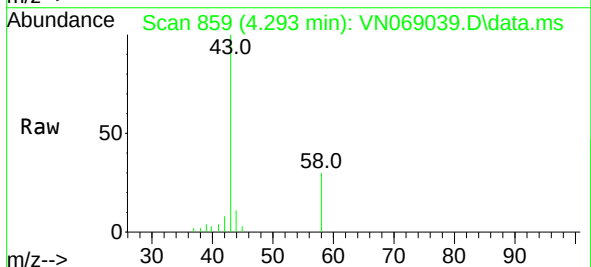
Instrument :
MSVOA_N
ClientSampled :

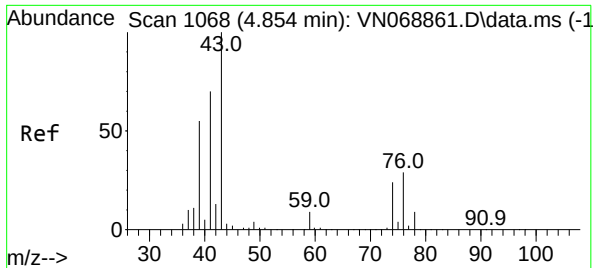
Tgt Ion:168 Resp: 328338
Ion Ratio Lower Upper
168 100
99 61.4 48.9 73.3



#16
Acetone
Concen: 12.629 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

Tgt Ion: 43 Resp: 20403
Ion Ratio Lower Upper
43 100
58 30.4 24.5 36.7

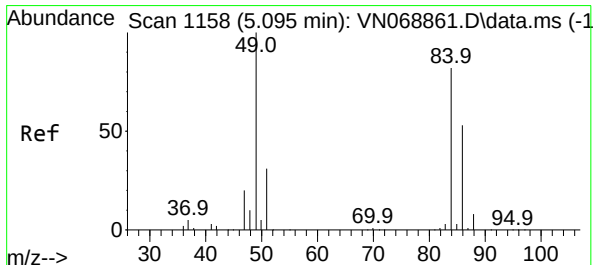
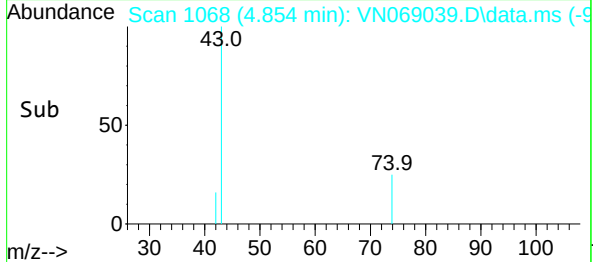
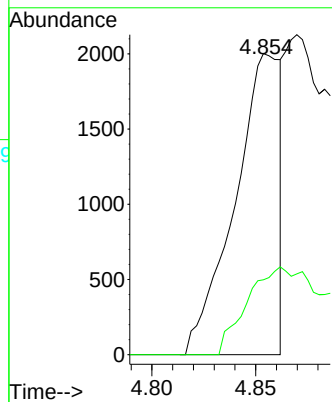
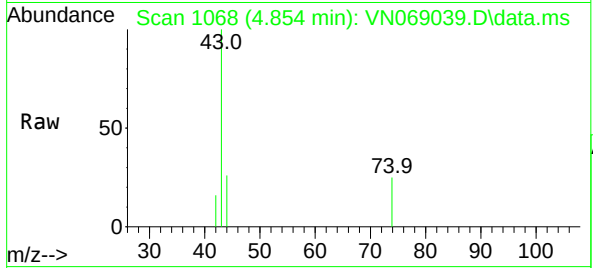




#18
Methyl Acetate
Concen: 0.497 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

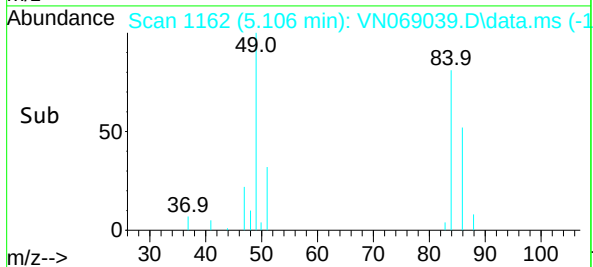
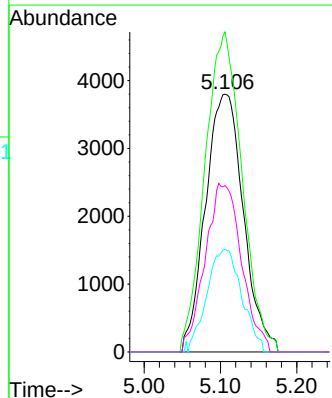
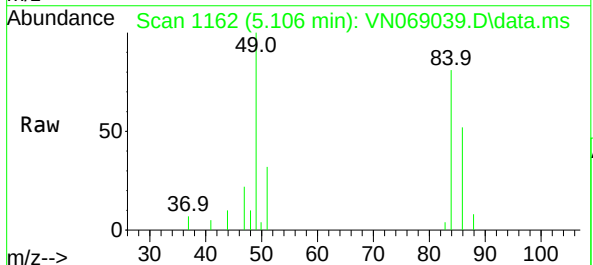
Instrument :
MSVOA_N
ClientSampled :

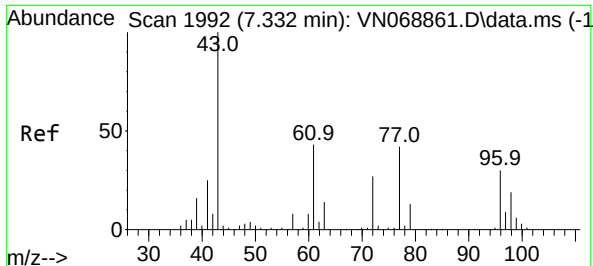
Tgt Ion: 43 Resp: 3046
Ion Ratio Lower Upper
43 100
74 40.6 18.9 28.3#



#20
Methylene Chloride
Concen: 3.526 ug/l
RT: 5.106 min Scan# 1162
Delta R.T. 0.011 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

Tgt Ion: 84 Resp: 13112
Ion Ratio Lower Upper
84 100
49 124.2 97.6 146.4
51 39.9 30.3 45.5
86 64.5 51.8 77.6

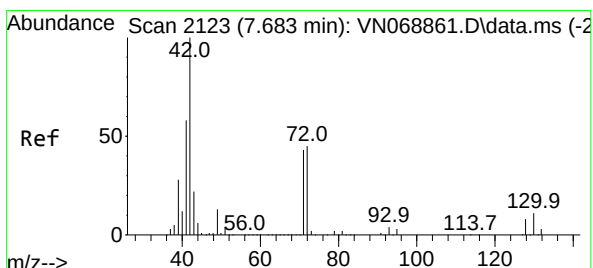
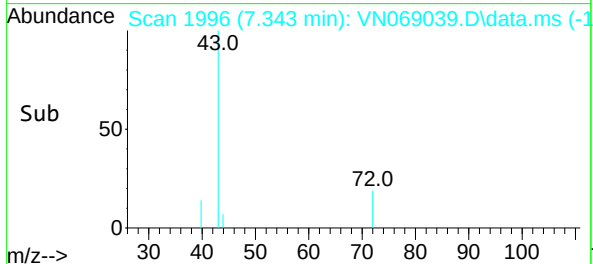
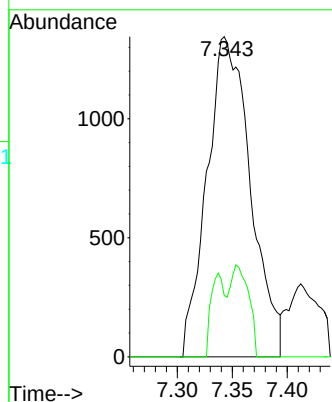
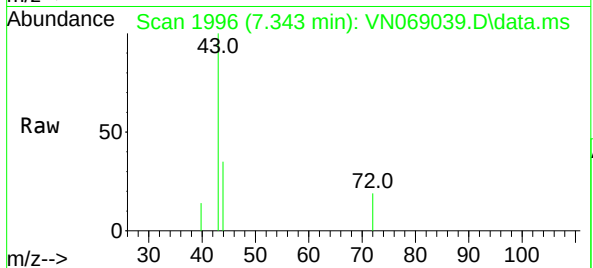




#25
2-Butanone
Concen: 1.520 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.011 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

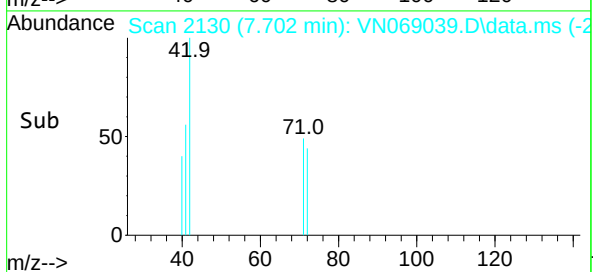
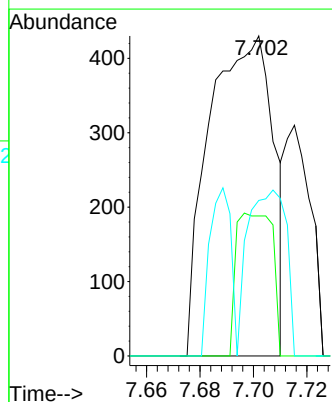
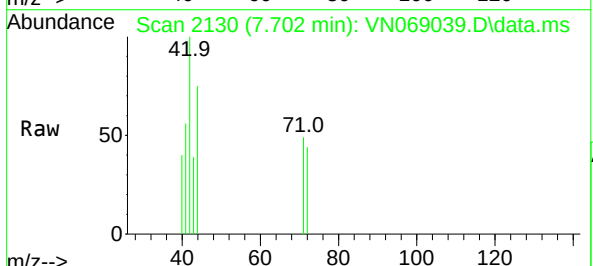
Instrument :
MSVOA_N
ClientSampled :

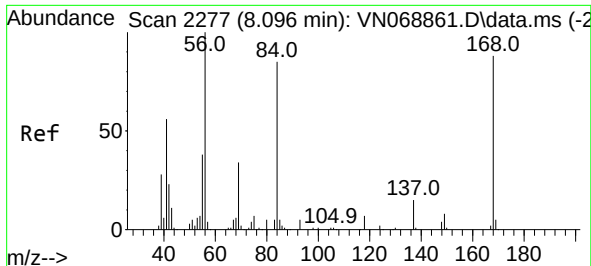
Tgt Ion: 43 Resp: 3713
Ion Ratio Lower Upper
43 100
72 19.2 21.2 31.8#



#29
Tetrahydrofuran
Concen: 0.451 ug/l
RT: 7.702 min Scan# 2130
Delta R.T. 0.019 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

Tgt Ion: 42 Resp: 715
Ion Ratio Lower Upper
42 100
72 25.0 35.4 53.2#
71 31.2 33.8 50.6#

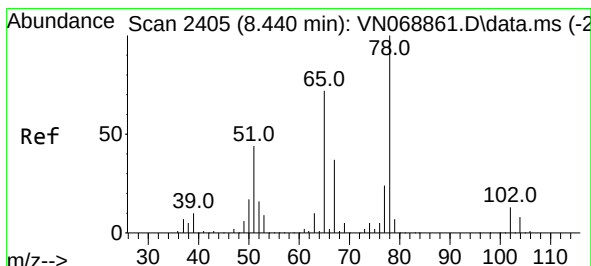
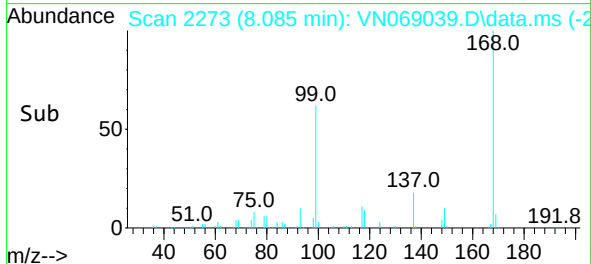
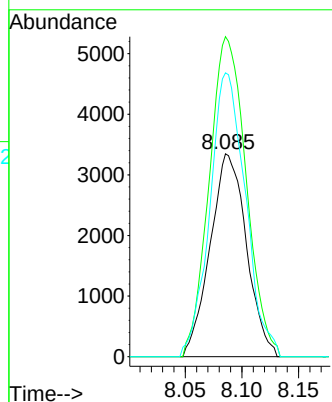
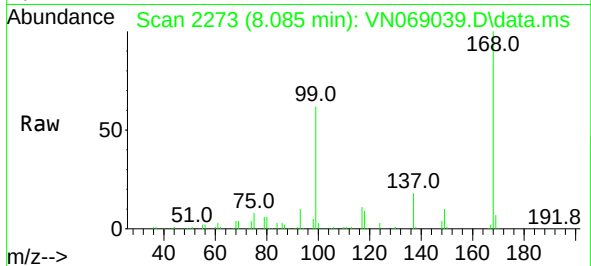




#31
Cyclohexane
Concen: 1.108 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.011 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

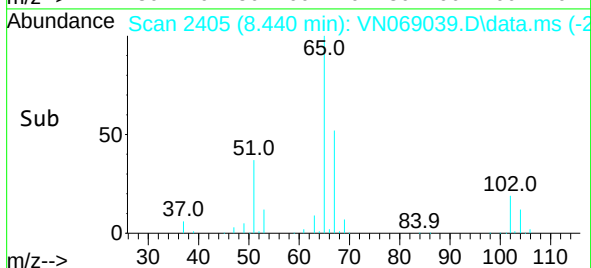
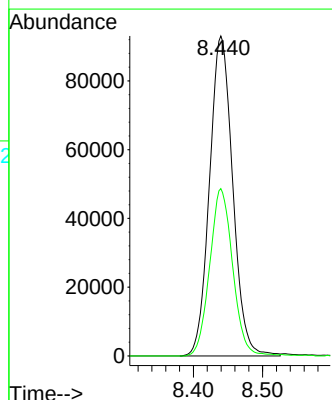
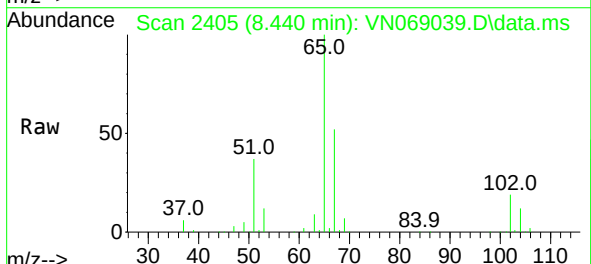
Instrument :
MSVOA_N
ClientSampleId :

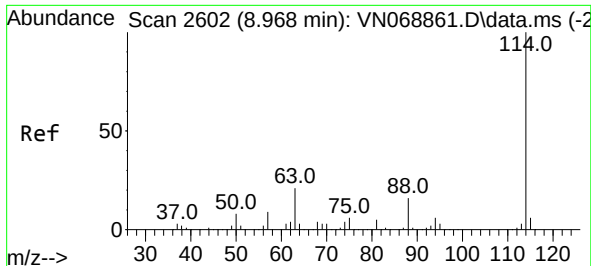
Tgt Ion: 56 Resp: 7455
Ion Ratio Lower Upper
56 100
69 157.7 26.9 40.3#
84 139.9 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 50.039 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

Tgt Ion: 65 Resp: 216620
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.8

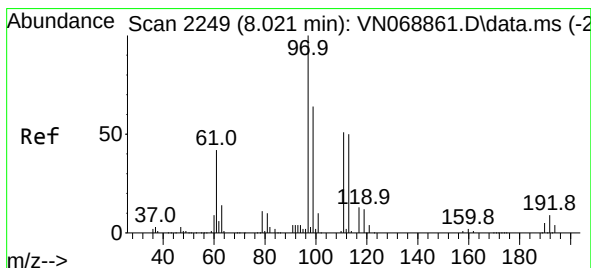
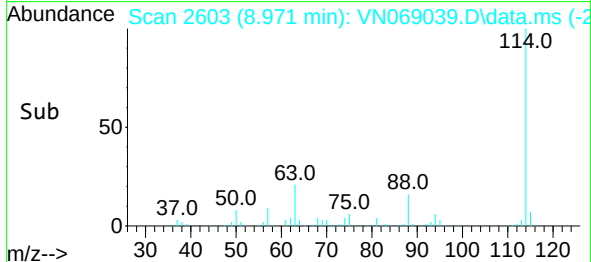
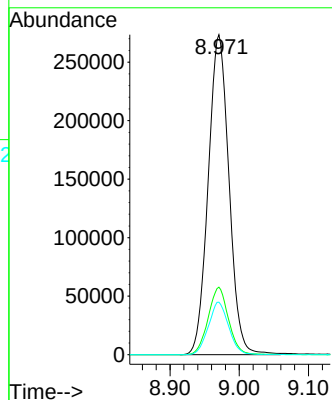
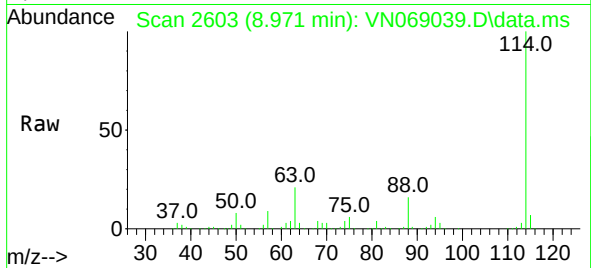




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

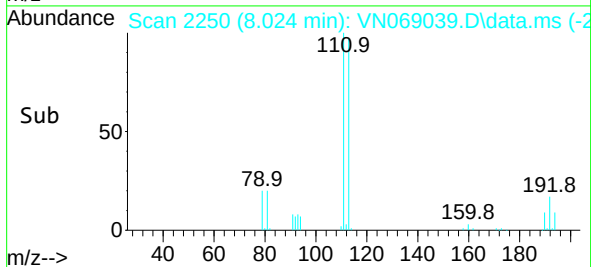
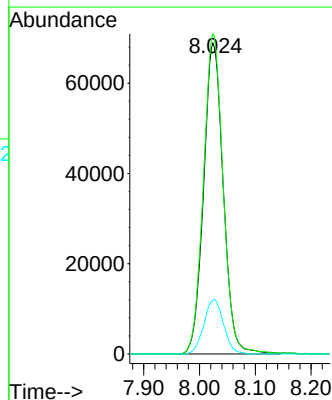
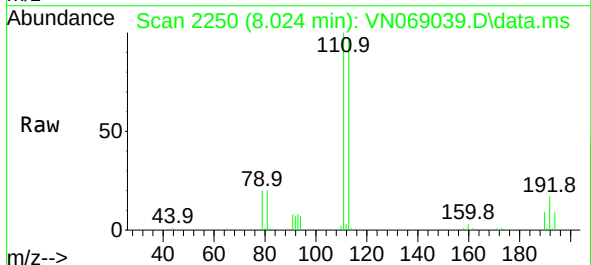
Instrument :
MSVOA_N
ClientSampled :

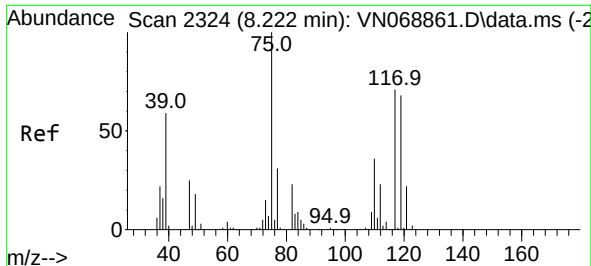
Tgt Ion:114 Resp: 570863
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.6
88 16.4 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.922 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

Tgt Ion:113 Resp: 169130
Ion Ratio Lower Upper
113 100
111 102.4 83.2 124.8
192 17.5 15.0 22.4

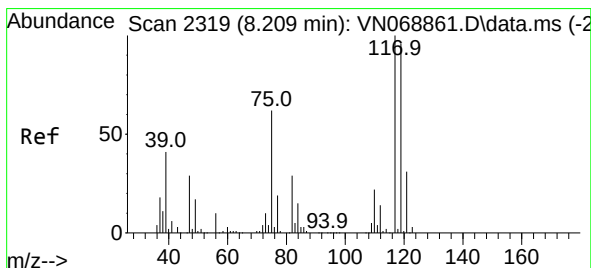
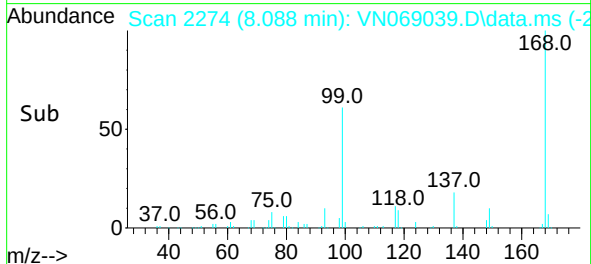
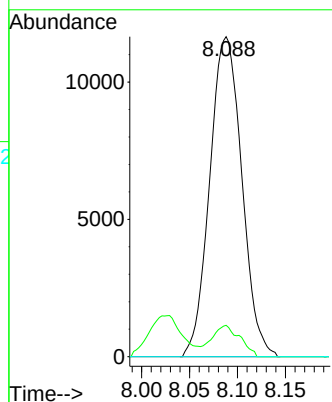
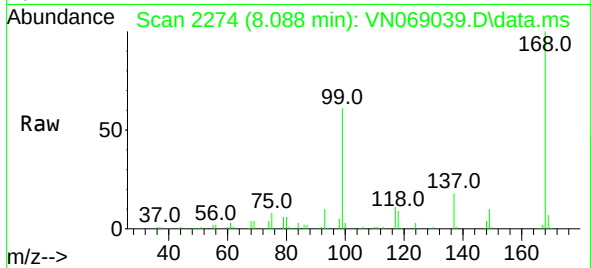




#36
1,1-Dichloropropene
Concen: 5.564 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

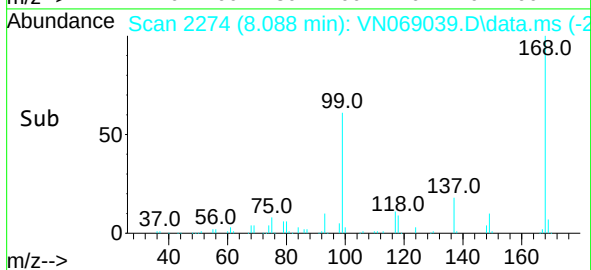
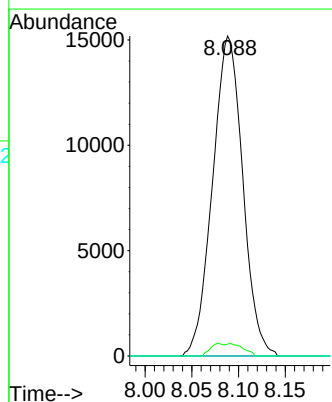
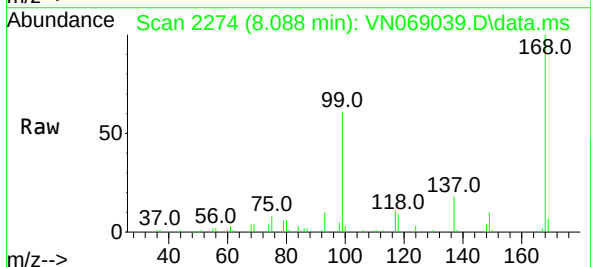
Instrument :
MSVOA_N
ClientSampled :

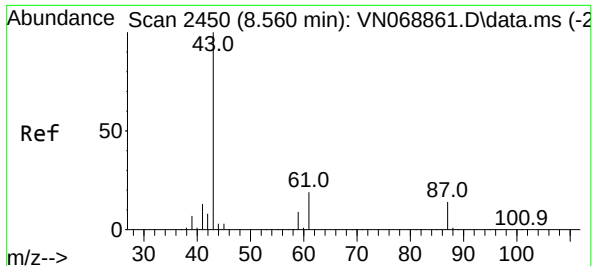
Tgt Ion: 75 Resp: 27132
Ion Ratio Lower Upper
75 100
110 8.6 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.366 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

Tgt Ion: 117 Resp: 34090
Ion Ratio Lower Upper
117 100
119 3.7 76.9 115.3#
121 0.0 24.6 37.0#

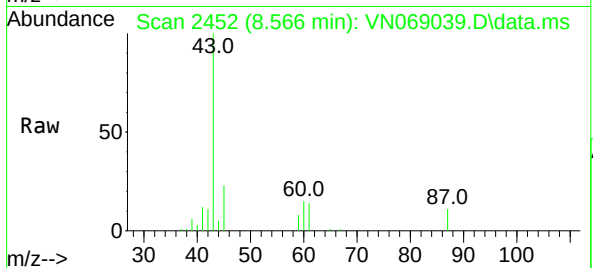




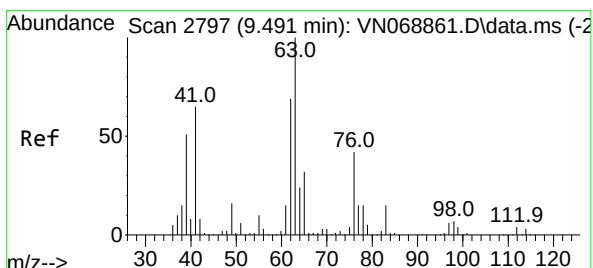
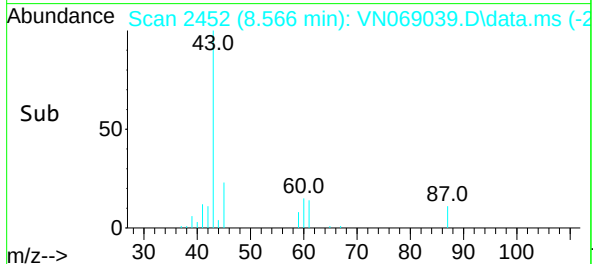
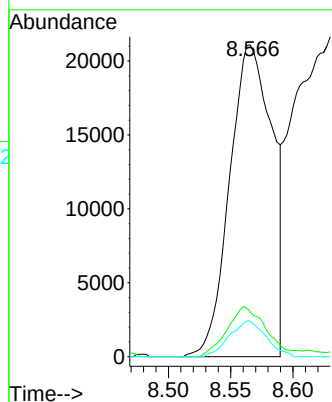
#43

Isopropyl Acetate
 Concen: 5.661 ug/l
 RT: 8.566 min Scan# 2452
 Delta R.T. 0.005 min
 Lab File: VN069039.D
 Acq: 19 Oct 2021 20:45

Instrument :
 MSVOA_N
 ClientSampled :



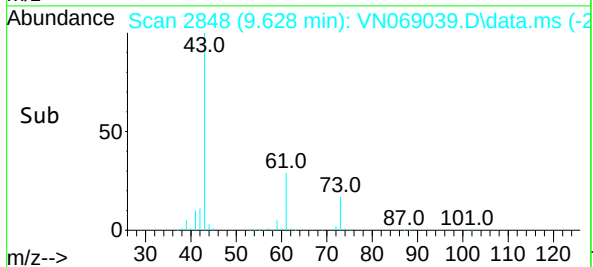
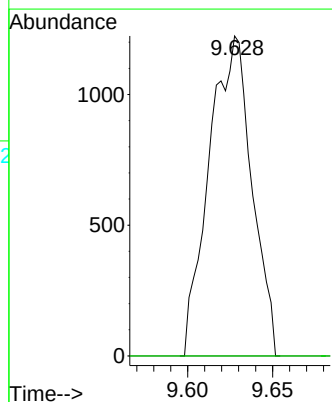
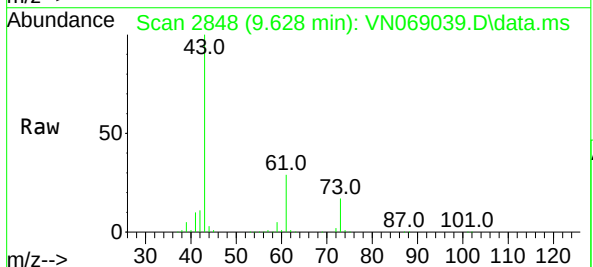
Tgt Ion: 43	Resp: 50297
Ion Ratio	Lower Upper
43	100
61	14.9 20.4 30.6#
87	9.8 10.7 16.1#

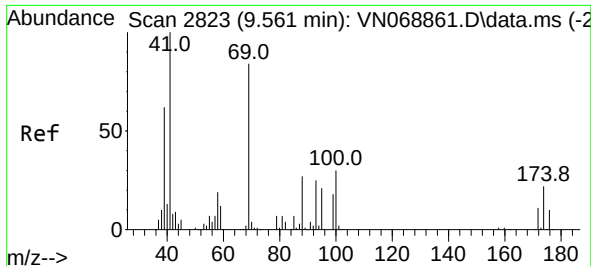


#45

1,2-Dichloropropane
 Concen: 0.556 ug/l
 RT: 9.628 min Scan# 2848
 Delta R.T. 0.137 min
 Lab File: VN069039.D
 Acq: 19 Oct 2021 20:45

Tgt Ion: 63	Resp: 2143
Ion Ratio	Lower Upper
63	100
65	0.0 25.6 38.4#

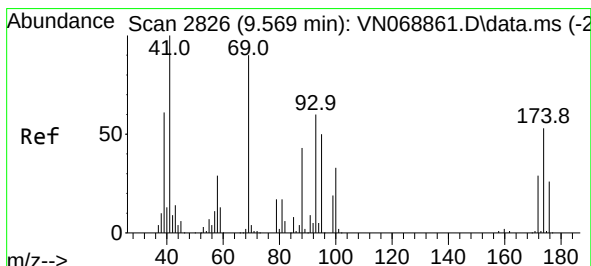
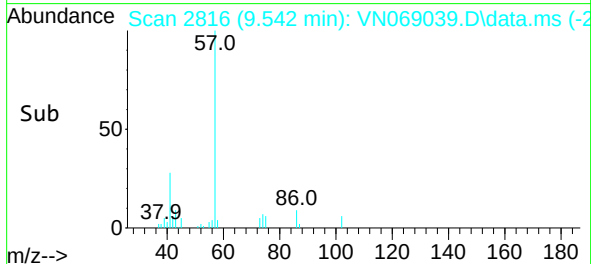
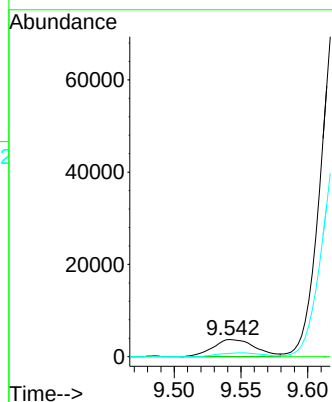
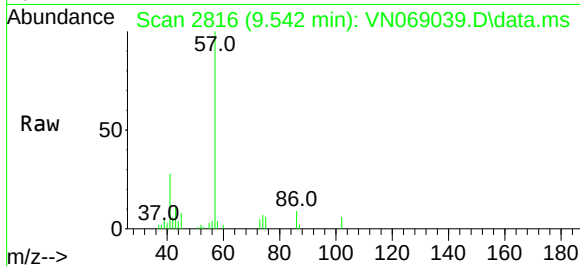




#48
Methyl methacrylate
Concen: 1.967 ug/l
RT: 9.542 min Scan# 2816
Delta R.T. -0.019 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

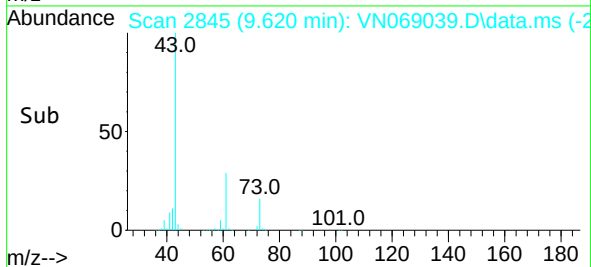
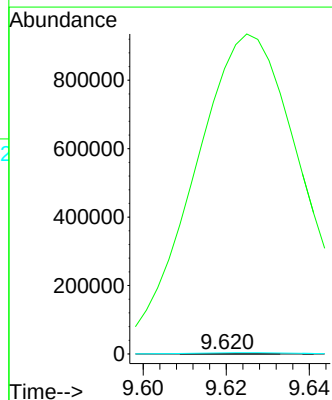
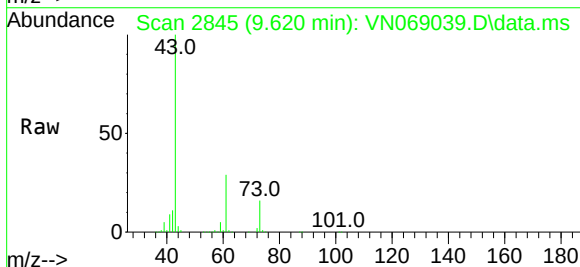
Instrument :
MSVOA_N
ClientSampleId :

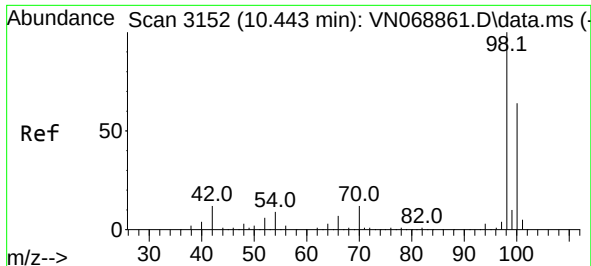
Tgt Ion: 41 Resp: 8214
Ion Ratio Lower Upper
41 100
69 0.0 66.4 99.6#
39 0.0 50.2 75.2#



#49
1,4-Dioxane
Concen: 37.767 ug/l
RT: 9.620 min Scan# 2845
Delta R.T. 0.051 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

Tgt Ion: 88 Resp: 180
Ion Ratio Lower Upper
88 100
43 987905.6 24.9 37.3#
58 3673.3 56.9 85.3#

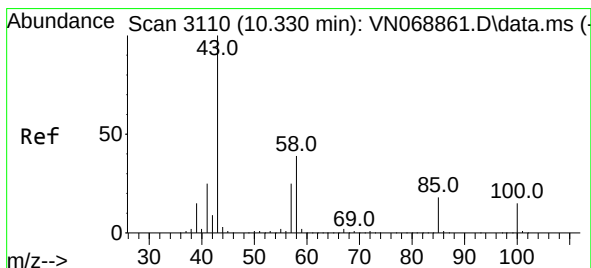
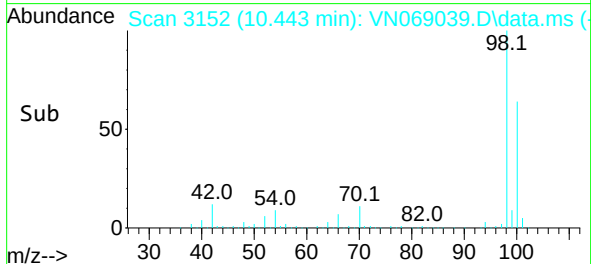
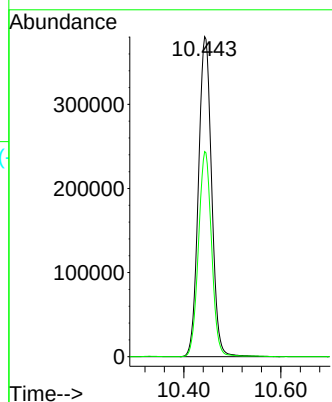
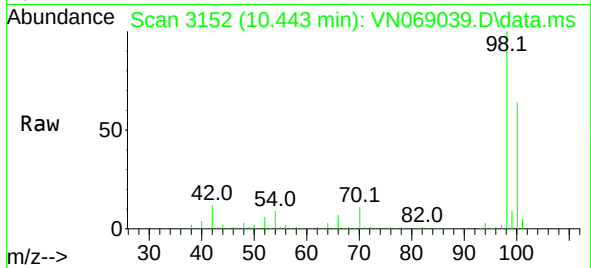




#50
Toluene-d8
Concen: 53.898 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

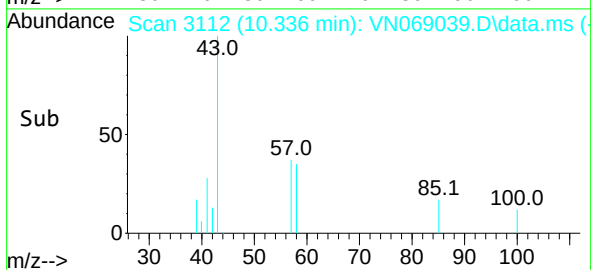
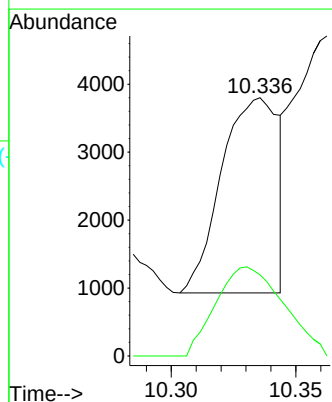
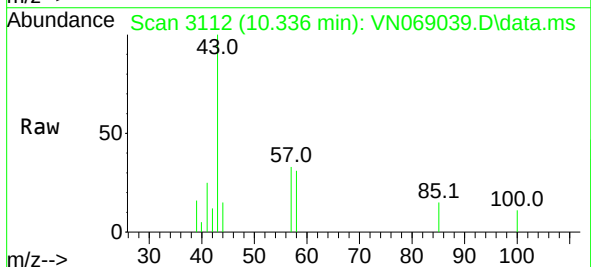
Instrument :
MSVOA_N
ClientSampled :

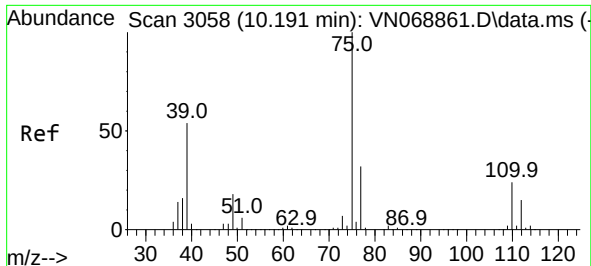
Tgt Ion: 98 Resp: 716261
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.881 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.005 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

Tgt Ion: 43 Resp: 4541
Ion Ratio Lower Upper
43 100
58 54.7 31.0 46.4#

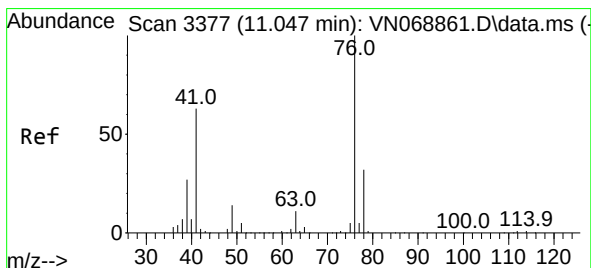
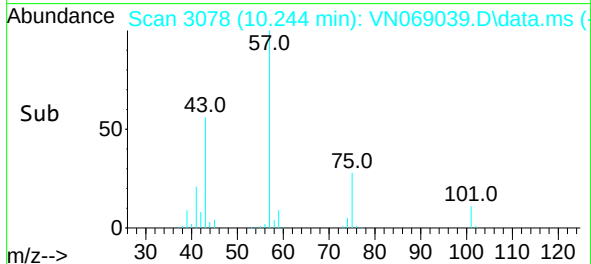
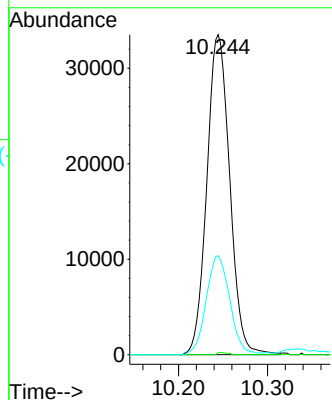
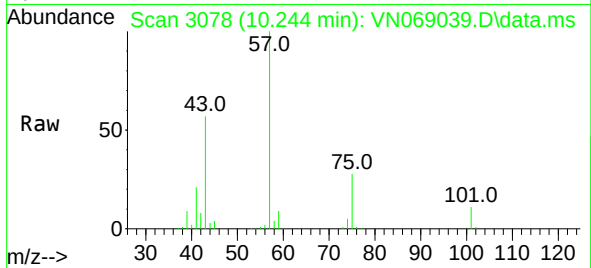




#54
 cis-1,3-Dichloropropene
 Concen: 9.321 ug/l
 RT: 10.244 min Scan# 3078
 Delta R.T. 0.054 min
 Lab File: VN069039.D
 Acq: 19 Oct 2021 20:45

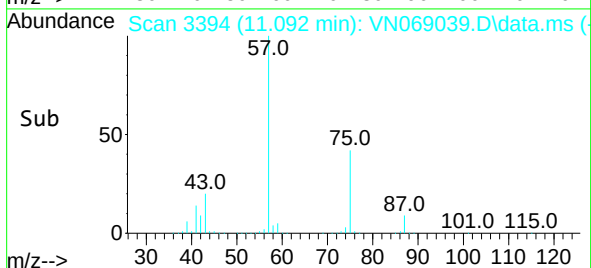
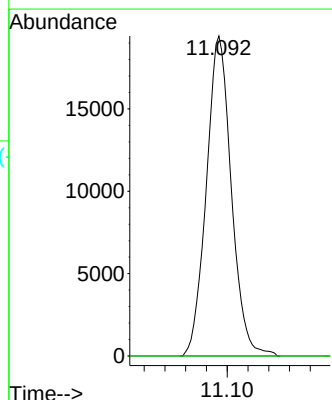
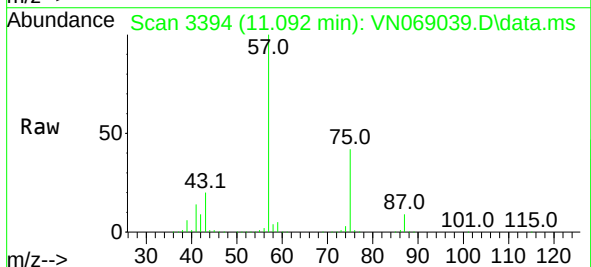
Instrument :
 MSVOA_N
 ClientSampleId :

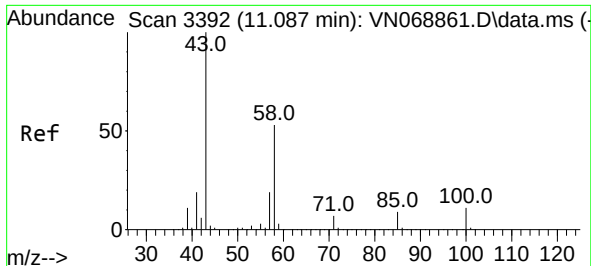
Tgt Ion: 75 Resp: 59871
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.6 38.4#
 39 30.9 42.9 64.3#



#57
 1,3-Dichloropropane
 Concen: 5.229 ug/l
 RT: 11.092 min Scan# 3394
 Delta R.T. 0.045 min
 Lab File: VN069039.D
 Acq: 19 Oct 2021 20:45

Tgt Ion: 76 Resp: 32472
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#

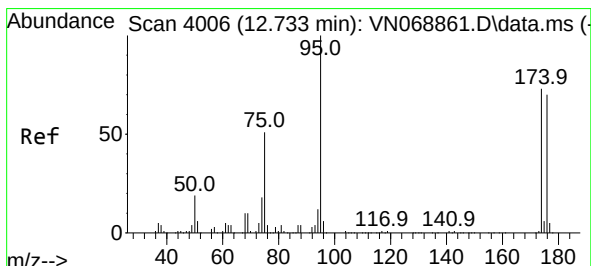
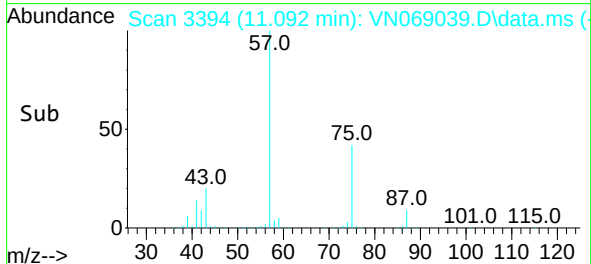
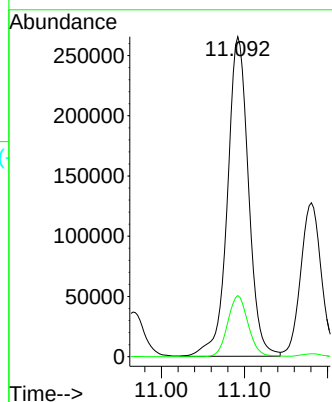
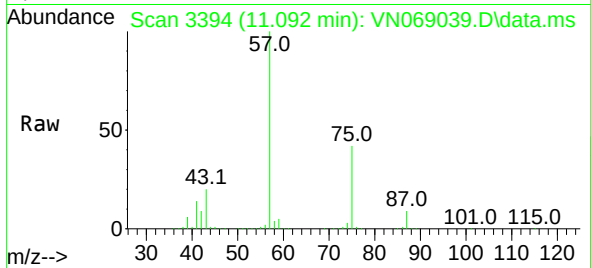




#59
2-Hexanone
Concen: 126.503 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

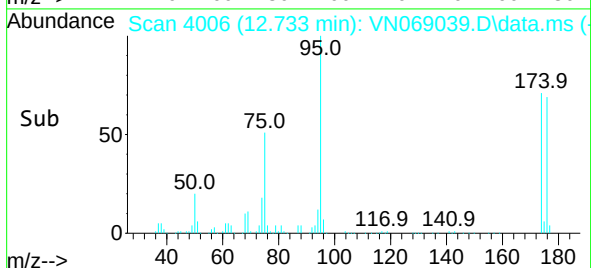
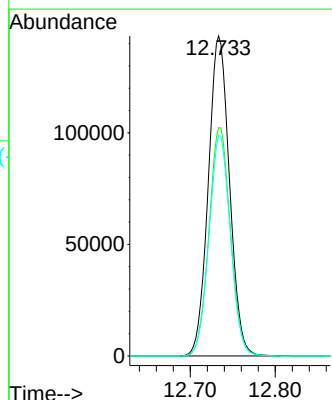
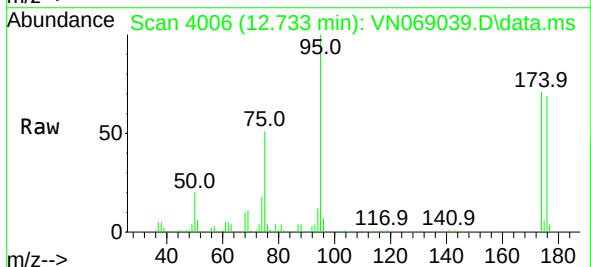
Instrument :
MSVOA_N
ClientSampleId :

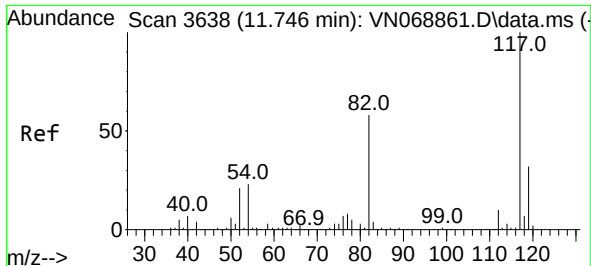
Tgt Ion: 43 Resp: 467402
Ion Ratio Lower Upper
43 100
58 18.6 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 49.502 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

Tgt Ion: 95 Resp: 248197
Ion Ratio Lower Upper
95 100
174 72.3 0.0 144.8
176 69.6 0.0 140.0

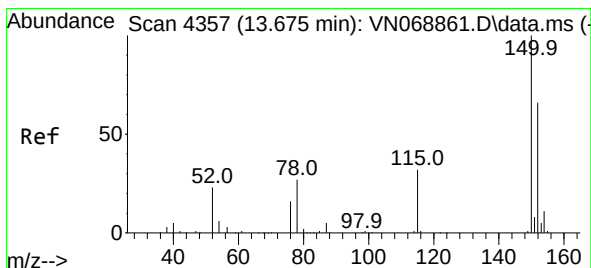
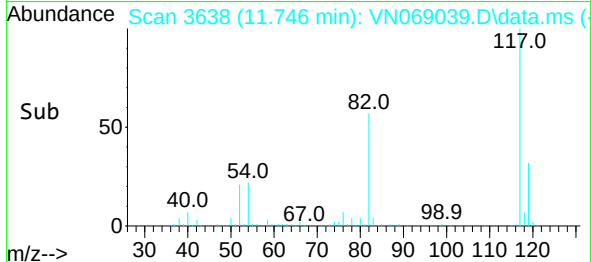
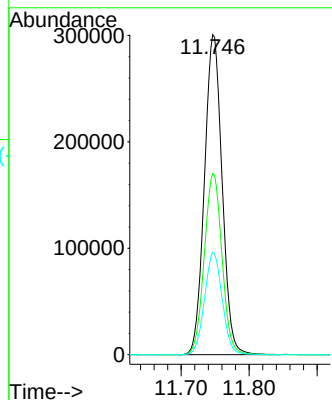
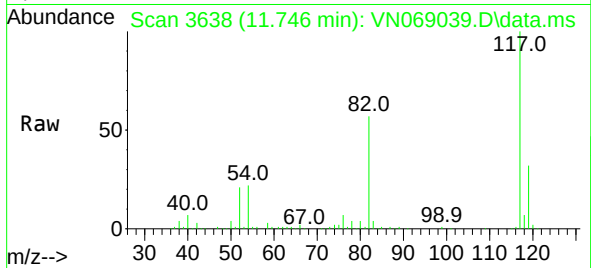




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

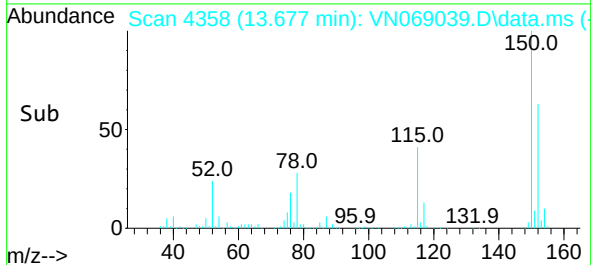
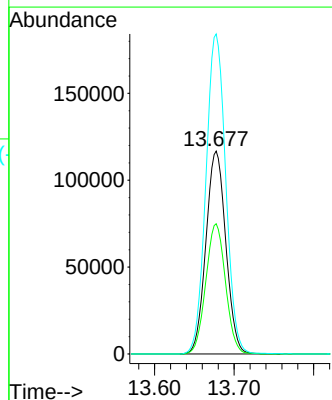
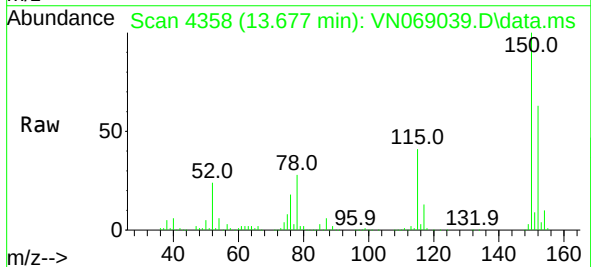
Instrument :
MSVOA_N
ClientSampled :

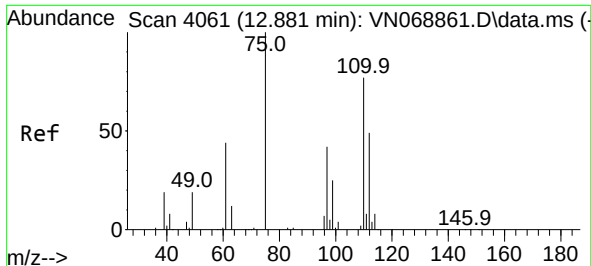
Tgt Ion:117 Resp: 543059
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

Tgt Ion:152 Resp: 203323
Ion Ratio Lower Upper
152 100
115 63.6 31.4 94.3
150 156.9 0.0 351.0

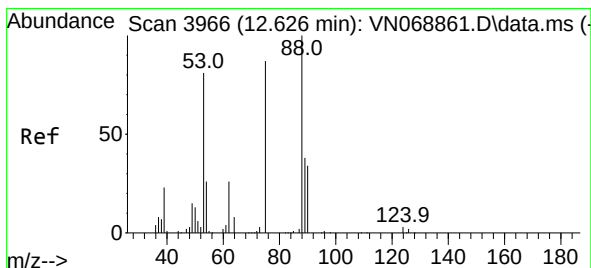
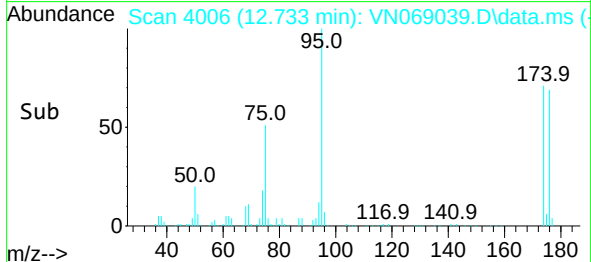
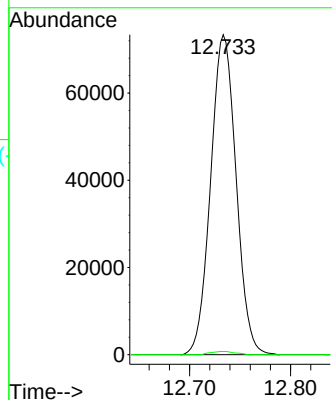
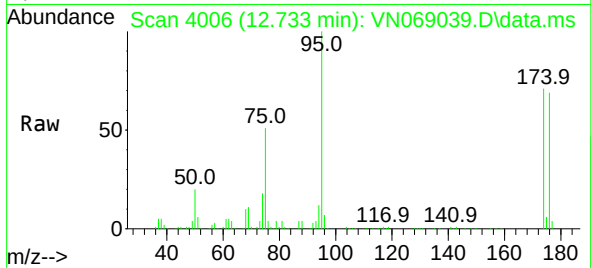




#76
1,2,3-Trichloropropane
Concen: 29.664 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

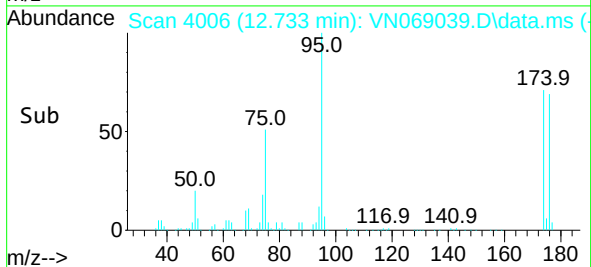
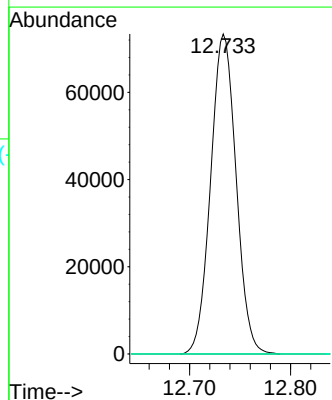
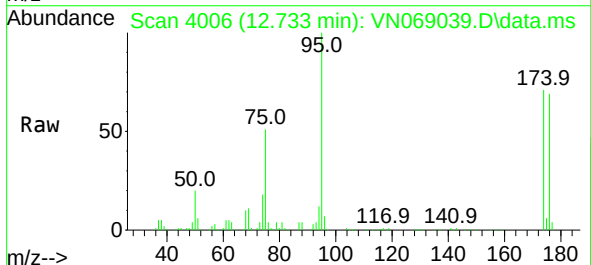
Instrument :
MSVOA_N
ClientSampleId :

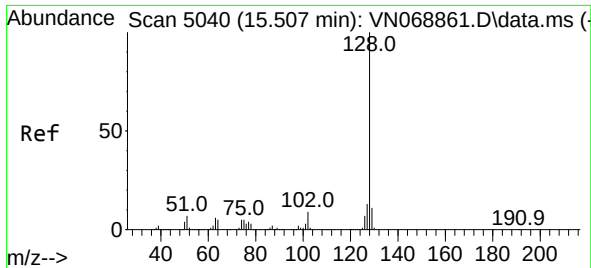
Tgt Ion: 75 Resp: 128332
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.970 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

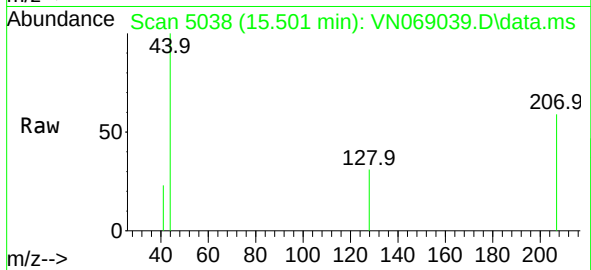
Tgt Ion: 75 Resp: 128332
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.830 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.006 min
Lab File: VN069039.D
Acq: 19 Oct 2021 20:45

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	186
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.9	13.3#

