

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102021\
 Data File : VN069065.D
 Acq On : 20 Oct 2021 16:36
 Operator : JC/MD
 Sample : M4249-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 20 23:15:06 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

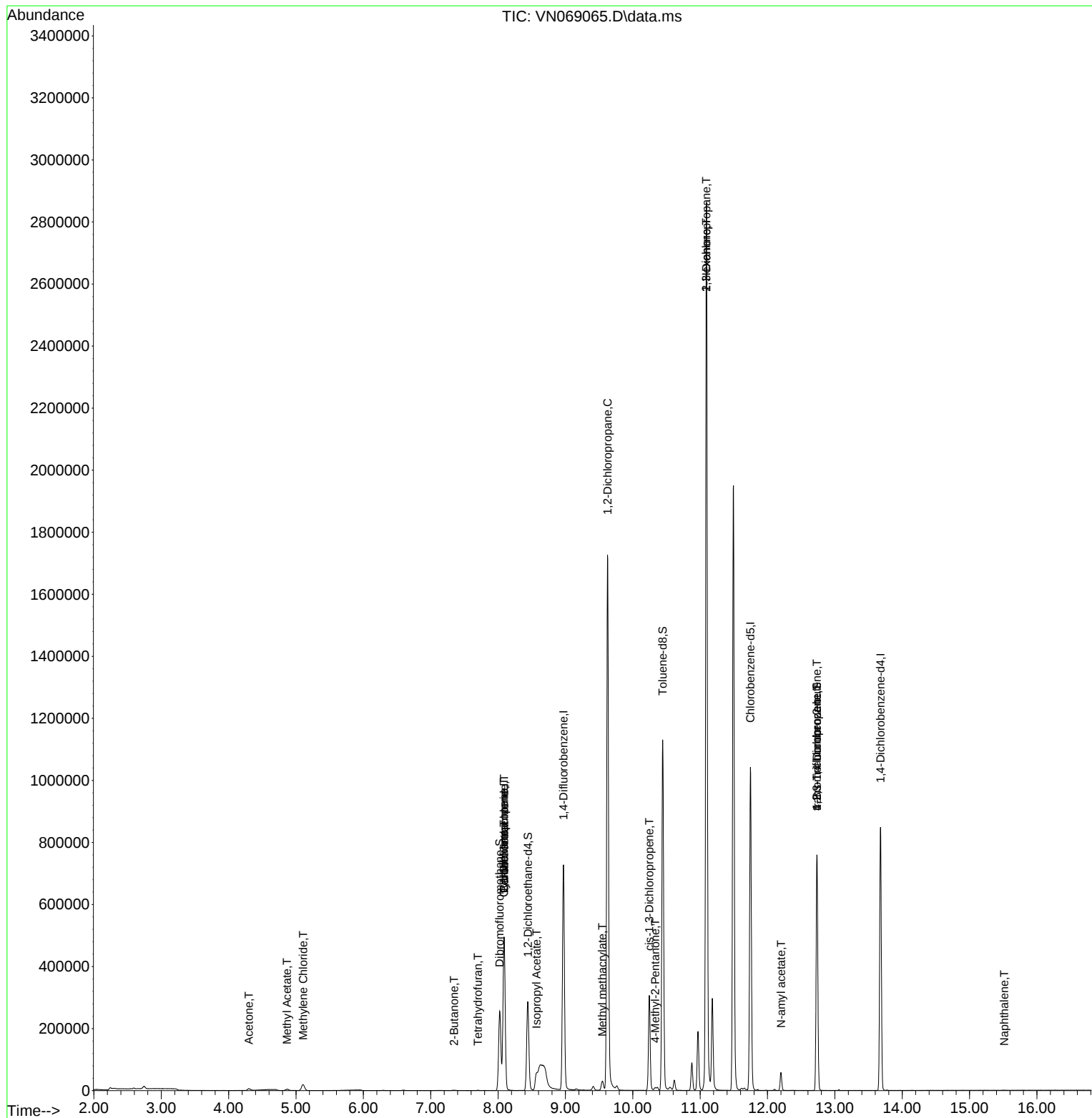
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.091	168	372913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	645923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	607272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	228054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	243555	49.536	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	99.080%	
35) Dibromofluoromethane	8.024	113	190650	50.731	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	101.460%	
50) Toluene-d8	10.443	98	799279	53.156	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	106.320%	
62) 4-Bromofluorobenzene	12.733	95	275106	48.493	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	96.980%	
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	11169	6.087	ug/l	98
18) Methyl Acetate	4.867	43	9400	1.351	ug/l #	77
20) Methylene Chloride	5.106	84	16255	3.849	ug/l	96
25) 2-Butanone	7.348	43	2719	0.980	ug/l	92
29) Tetrahydrofuran	7.699	42	817	0.454	ug/l #	62
31) Cyclohexane	8.086	56	8285	1.084	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	30548	5.537	ug/l #	50
38) Carbon Tetrachloride	8.091	117	38777	6.400	ug/l #	15
43) Isopropyl Acetate	8.571	43	61634	6.130	ug/l #	77
45) 1,2-Dichloropropane	9.628	63	2029	0.465	ug/l #	43
48) Methyl methacrylate	9.547	41	7807	1.653	ug/l #	13
51) 4-Methyl-2-Pentanone	10.336	43	5764	0.989	ug/l	98
54) cis-1,3-Dichloropropene	10.245	75	59594	8.200	ug/l #	60
57) 1,3-Dichloropropane	11.092	76	31190	4.439	ug/l #	42
59) 2-Hexanone	11.092	43	447933	107.146	ug/l #	50
74) N-amyl acetate	12.200	43	18205	2.531	ug/l #	53
76) 1,2,3-Trichloropropane	12.733	75	146133	30.116	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	146133	72.051	ug/l #	12
95) Naphthalene	15.515	128	733	3.876	ug/l #	69

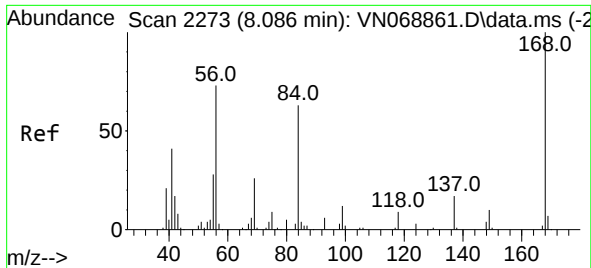
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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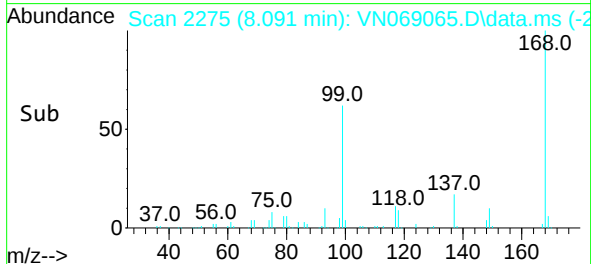
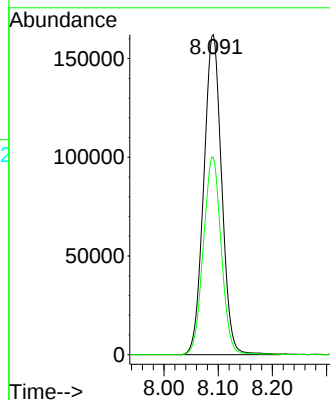
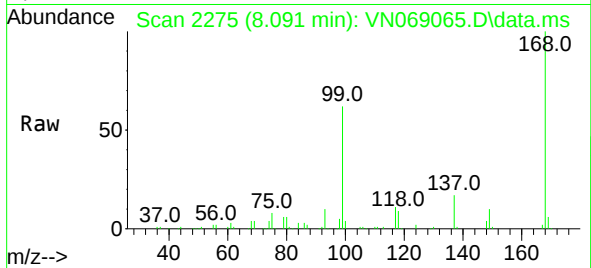




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

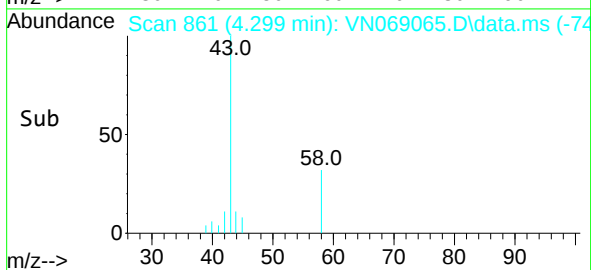
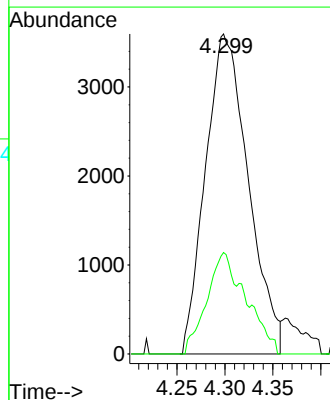
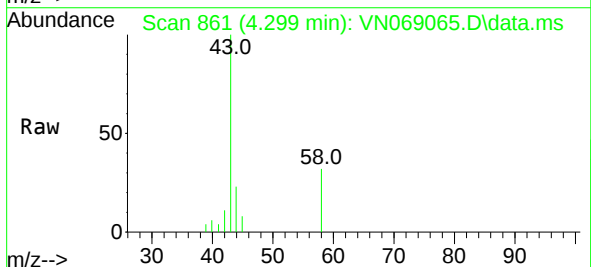
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 372913
Ion Ratio Lower Upper
168 100
99 61.7 48.9 73.3



#16
Acetone
Concen: 6.087 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.013 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

Tgt Ion: 43 Resp: 11169
Ion Ratio Lower Upper
43 100
58 31.7 24.5 36.7

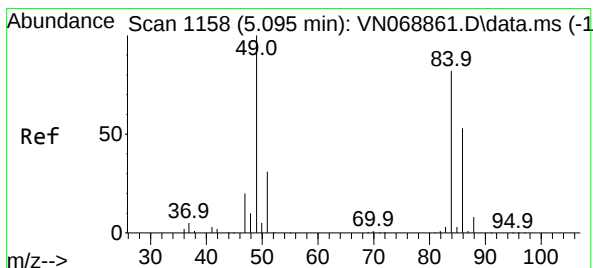
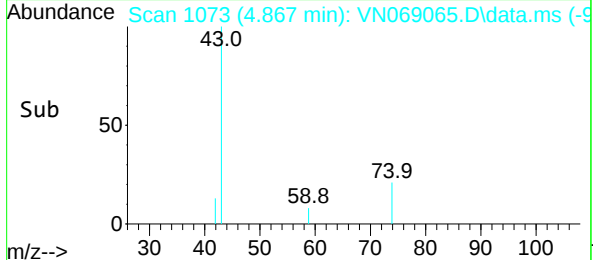
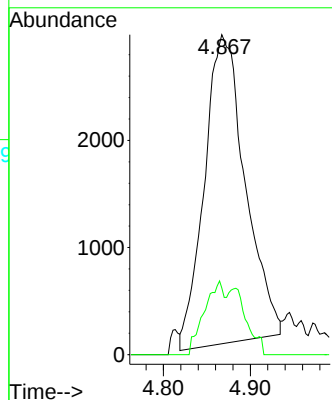
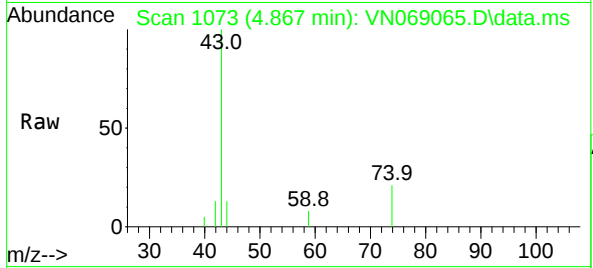




#18
Methyl Acetate
Concen: 1.351 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

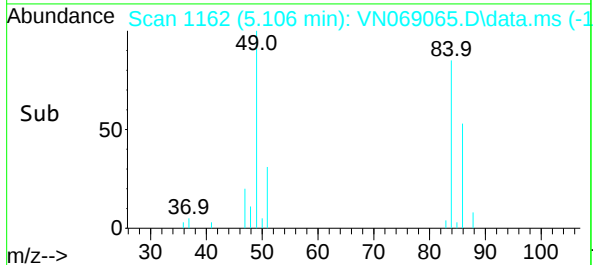
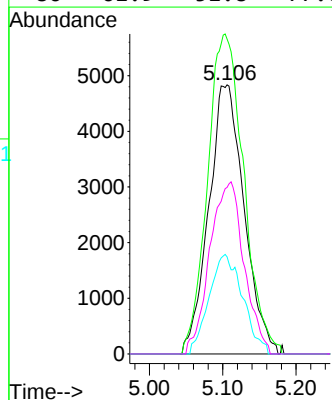
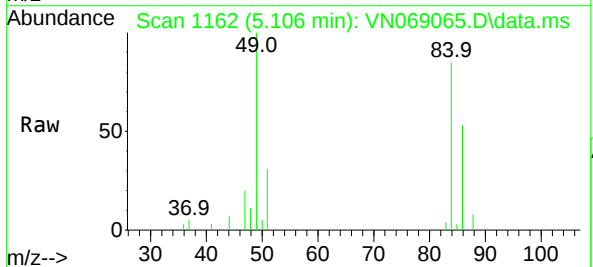
Instrument :
MSVOA_N
ClientSampled :

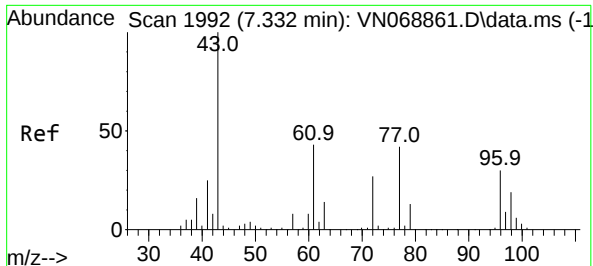
Tgt Ion: 43 Resp: 9400
Ion Ratio Lower Upper
43 100
74 12.3 18.9 28.3#



#20
Methylene Chloride
Concen: 3.849 ug/l
RT: 5.106 min Scan# 1162
Delta R.T. 0.011 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

Tgt Ion: 84 Resp: 16255
Ion Ratio Lower Upper
84 100
49 117.0 97.6 146.4
51 36.1 30.3 45.5
86 61.9 51.8 77.6

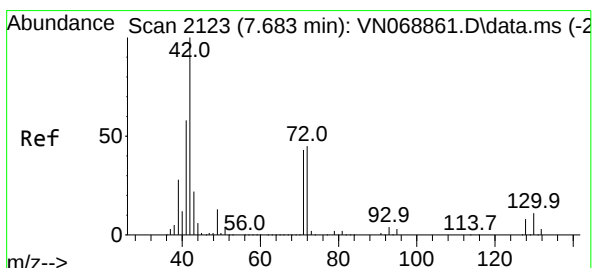
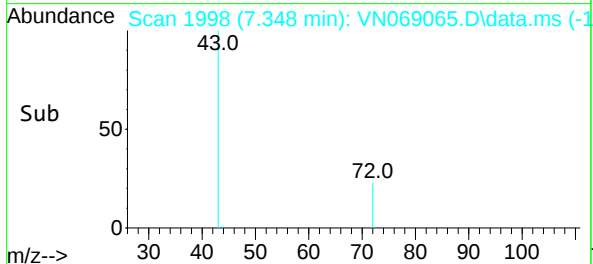
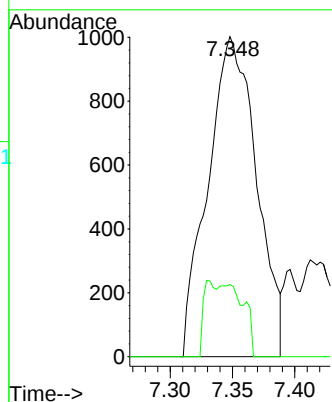
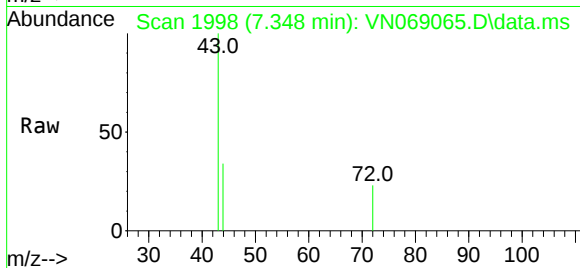




#25
2-Butanone
Concen: 0.980 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.016 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

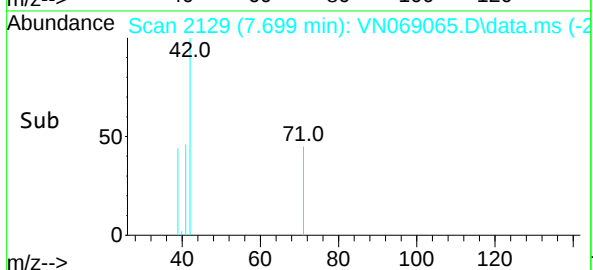
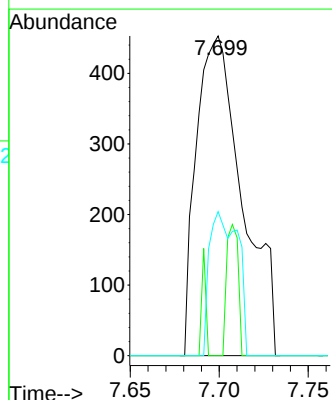
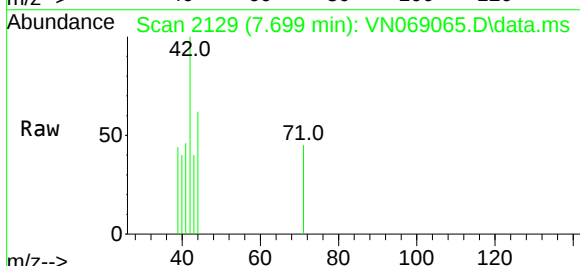
Instrument :
MSVOA_N
ClientSampled :

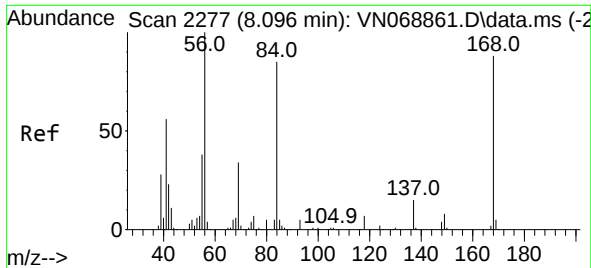
Tgt Ion: 43 Resp: 2719
Ion Ratio Lower Upper
43 100
72 22.6 21.2 31.8



#29
Tetrahydrofuran
Concen: 0.454 ug/l
RT: 7.699 min Scan# 2129
Delta R.T. 0.016 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

Tgt Ion: 42 Resp: 817
Ion Ratio Lower Upper
42 100
72 10.3 35.4 53.2#
71 27.5 33.8 50.6#

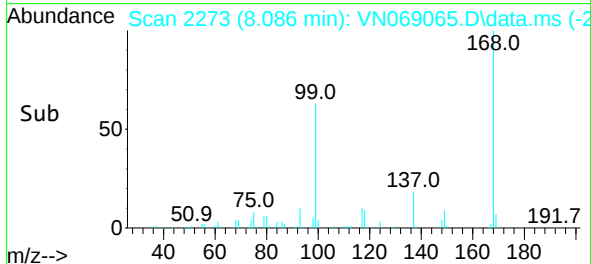
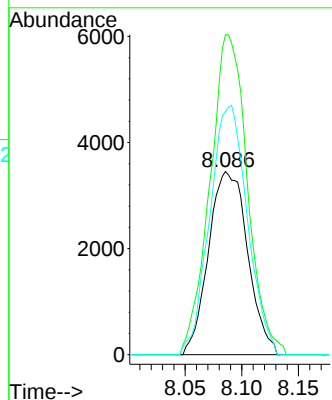
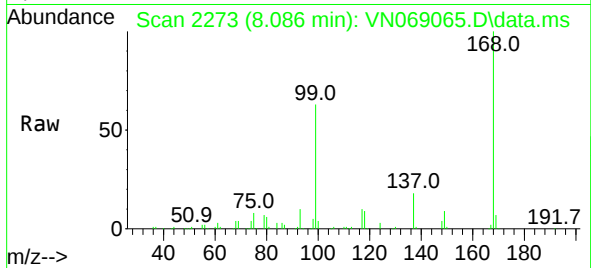




#31
Cyclohexane
Concen: 1.084 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

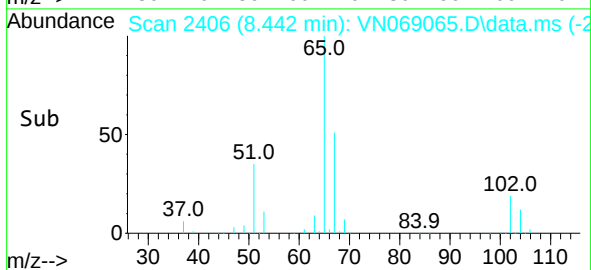
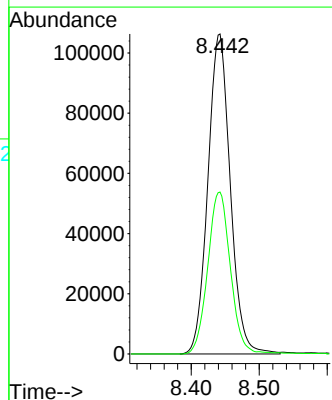
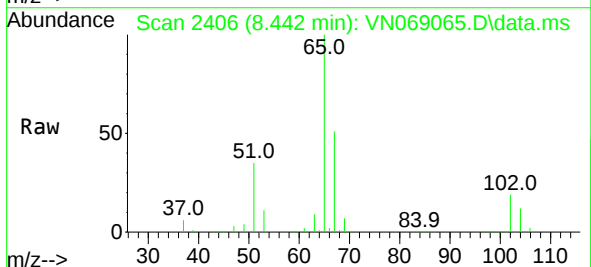
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 8285
Ion Ratio Lower Upper
56 100
69 174.6 26.9 40.3#
84 132.8 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.536 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

Tgt Ion: 65 Resp: 243555
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.8

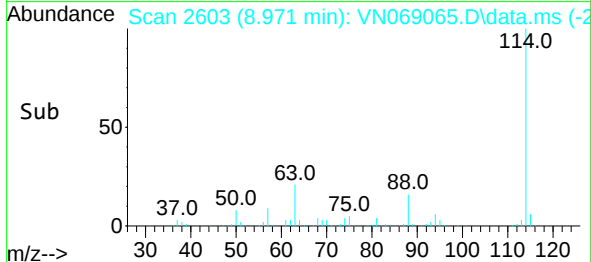
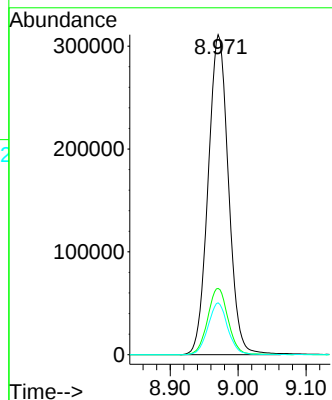
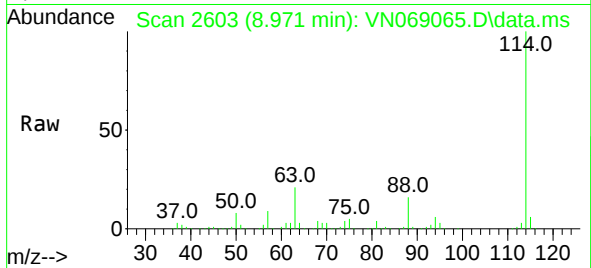




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

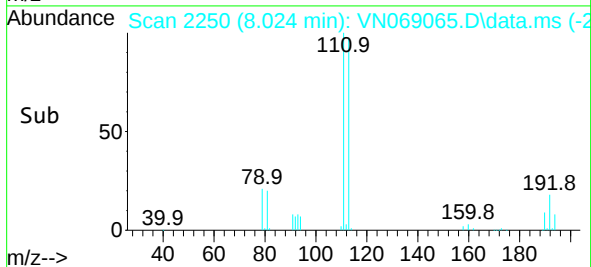
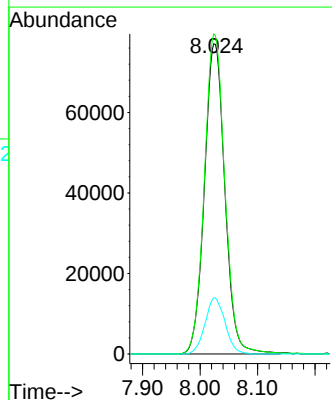
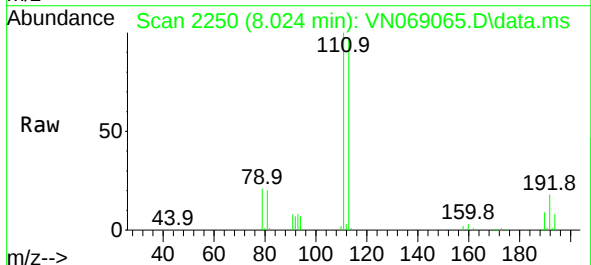
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ClientSampled :

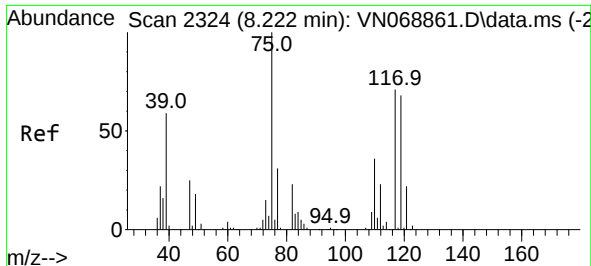
Tgt Ion:114 Resp: 645923
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 16.2 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.731 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

Tgt Ion:113 Resp: 190650
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 17.7 15.0 22.4

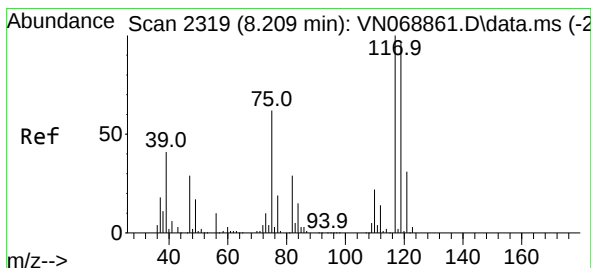
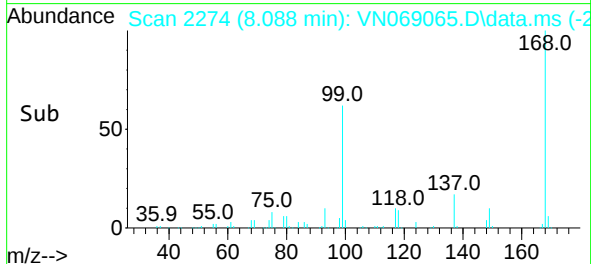
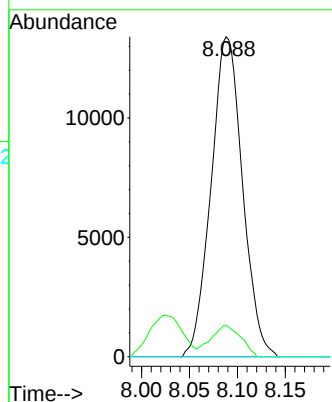
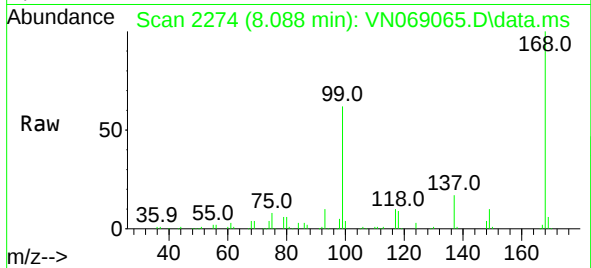




#36
1,1-Dichloropropene
Concen: 5.537 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

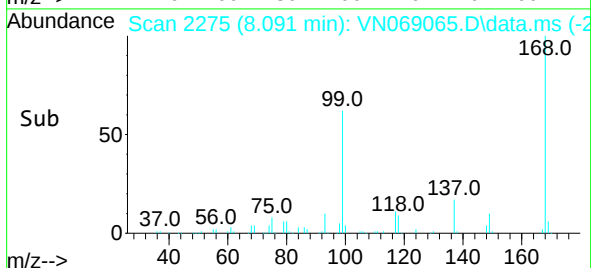
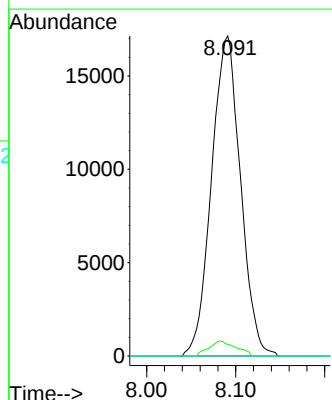
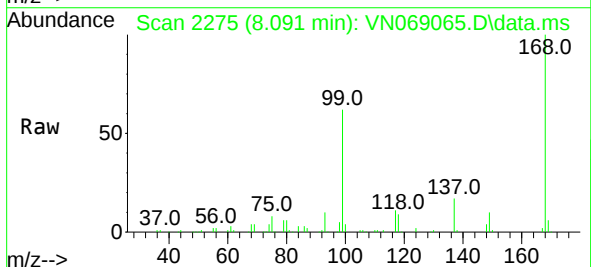
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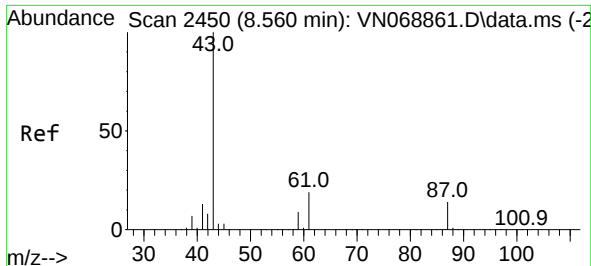
Tgt Ion: 75 Resp: 30548
Ion Ratio Lower Upper
75 100
110 9.3 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.400 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

Tgt Ion: 117 Resp: 38777
Ion Ratio Lower Upper
117 100
119 3.6 76.9 115.3#
121 0.0 24.6 37.0#

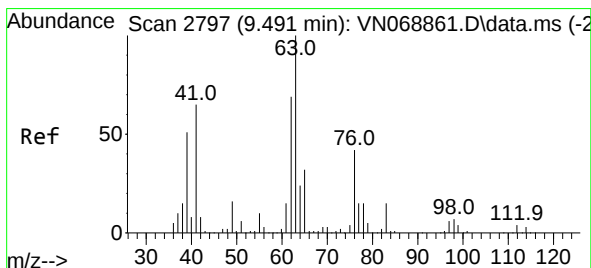
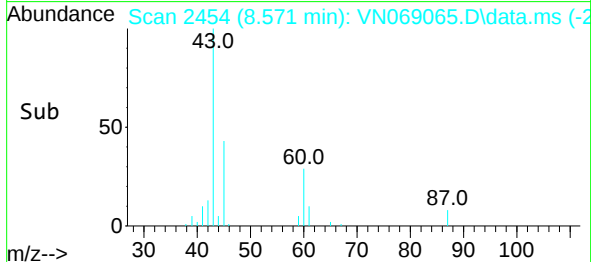
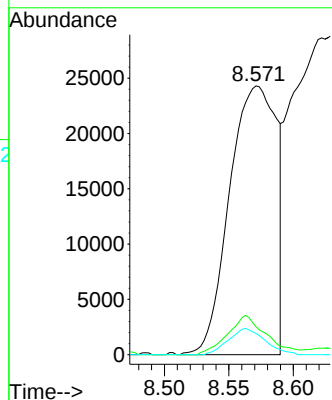
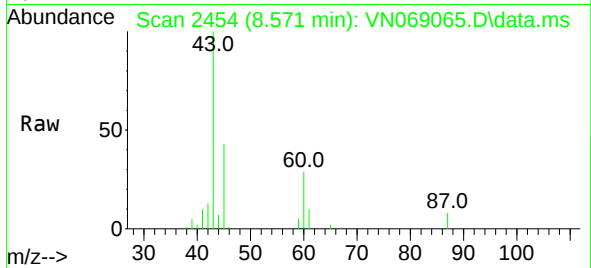




#43
Isopropyl Acetate
Concen: 6.130 ug/l
RT: 8.571 min Scan# 2454
Delta R.T. 0.011 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

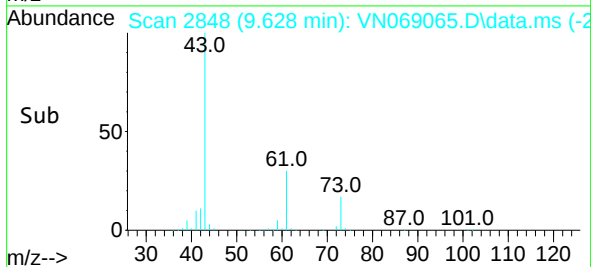
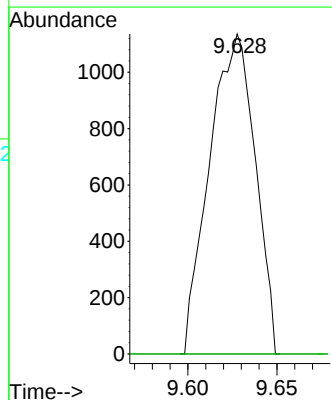
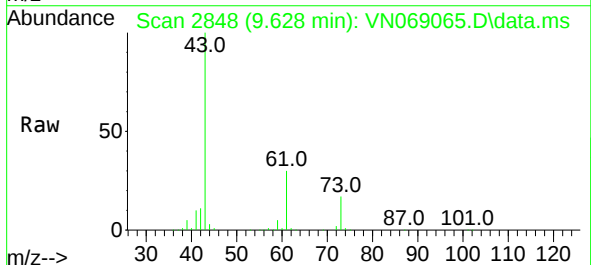
Instrument :
MSVOA_N
ClientSampled :

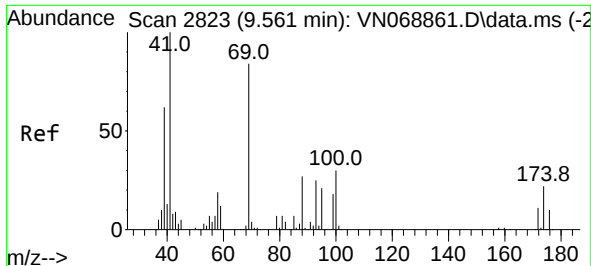
Tgt Ion: 43 Resp: 61634
Ion Ratio Lower Upper
43 100
61 12.0 20.4 30.6#
87 7.6 10.7 16.1#



#45
1,2-Dichloropropane
Concen: 0.465 ug/l
RT: 9.628 min Scan# 2848
Delta R.T. 0.137 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

Tgt Ion: 63 Resp: 2029
Ion Ratio Lower Upper
63 100
65 0.0 25.6 38.4#

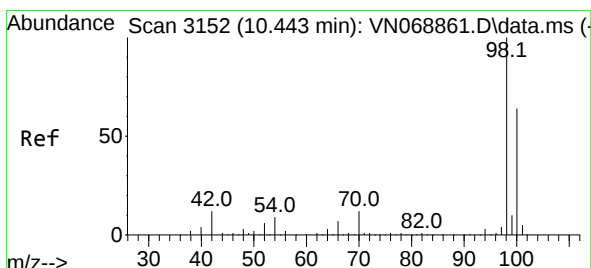
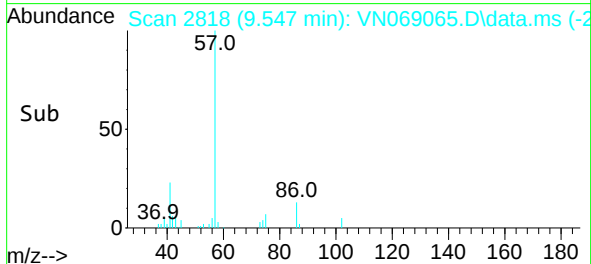
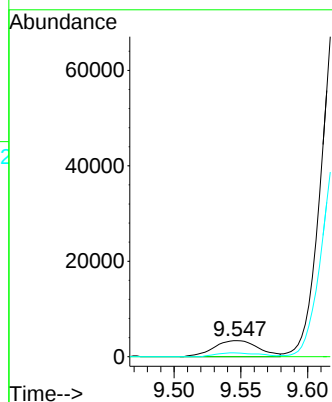
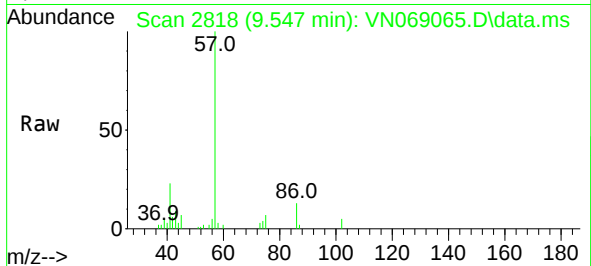




#48
Methyl methacrylate
Concen: 1.653 ug/l
RT: 9.547 min Scan# 2818
Delta R.T. -0.013 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

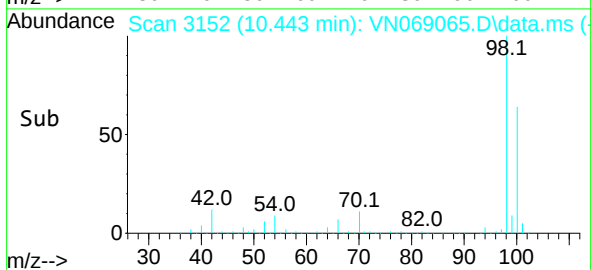
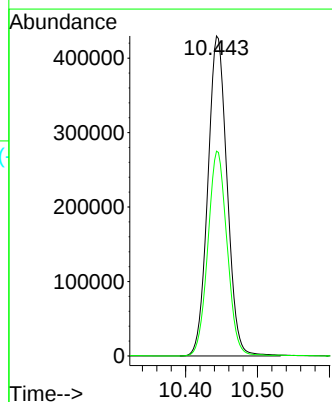
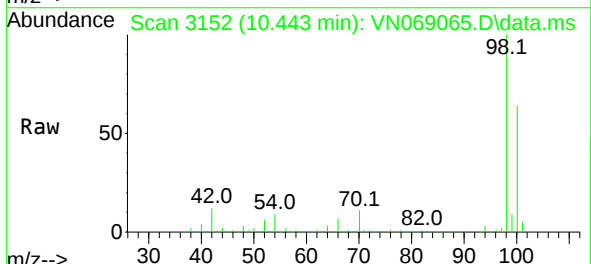
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MSVOA_N
ClientSampled :

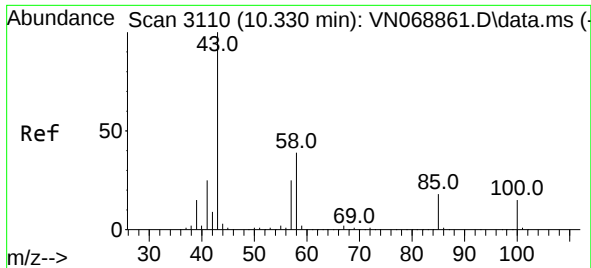
Tgt Ion: 41 Resp: 7807
Ion Ratio Lower Upper
41 100
69 0.0 66.4 99.6#
39 0.0 50.2 75.2#



#50
Toluene-d8
Concen: 53.156 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

Tgt Ion: 98 Resp: 799279
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3

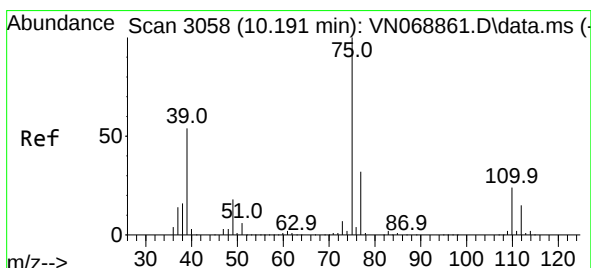
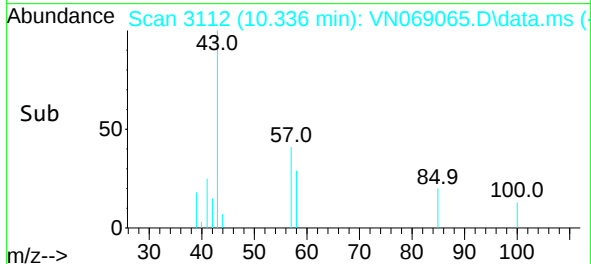
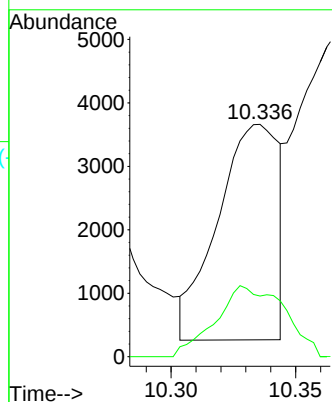
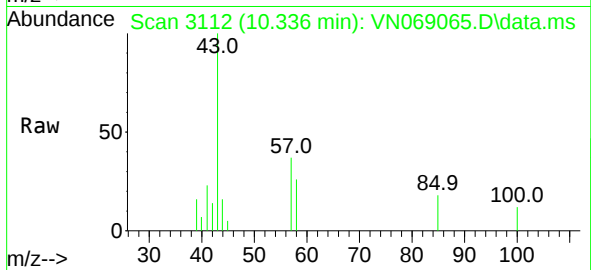




#51
4-Methyl-2-Pentanone
Concen: 0.989 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.005 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

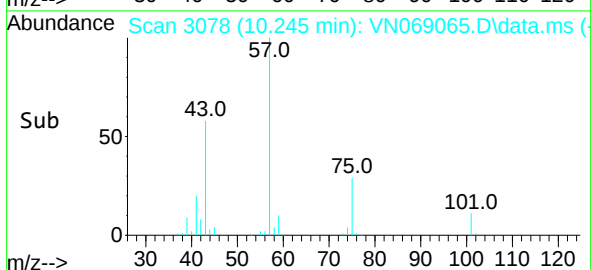
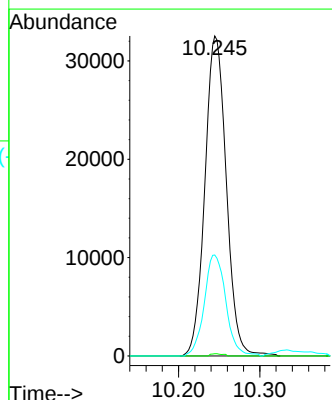
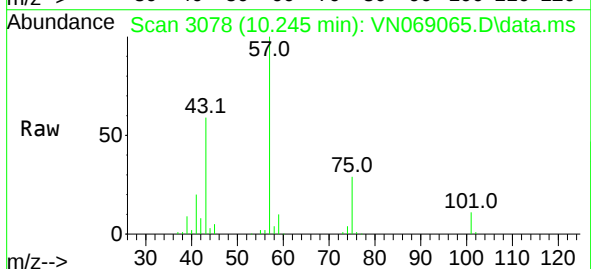
Instrument :
MSVOA_N
ClientSampled :

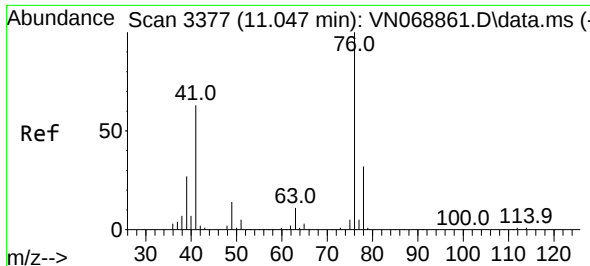
Tgt Ion: 43 Resp: 5764
Ion Ratio Lower Upper
43 100
58 37.3 31.0 46.4



#54
cis-1,3-Dichloropropene
Concen: 8.200 ug/l
RT: 10.245 min Scan# 3078
Delta R.T. 0.054 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

Tgt Ion: 75 Resp: 59594
Ion Ratio Lower Upper
75 100
77 0.7 25.6 38.4#
39 31.6 42.9 64.3#

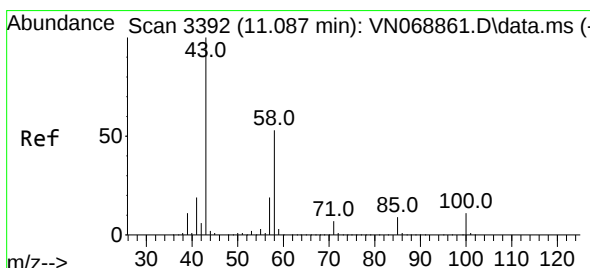
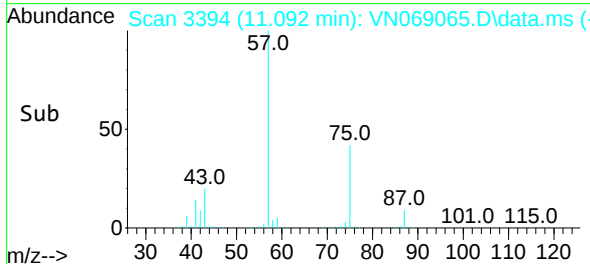
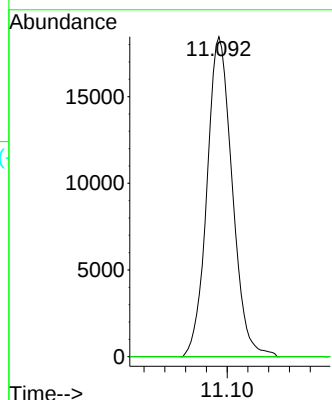
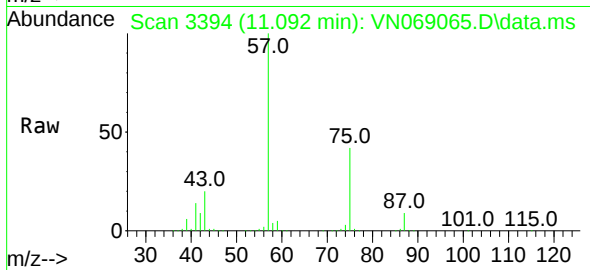




#57
1,3-Dichloropropane
Concen: 4.439 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.046 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

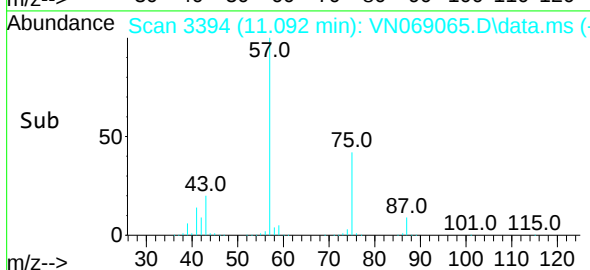
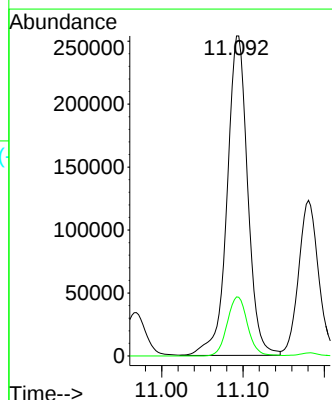
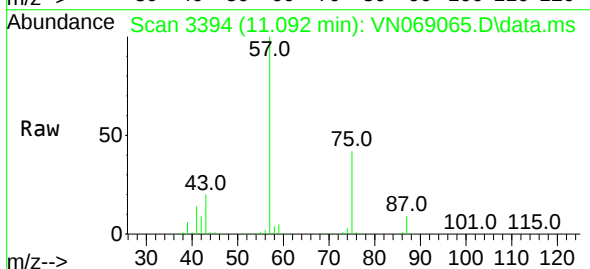
Instrument :
MSVOA_N
ClientSampled :

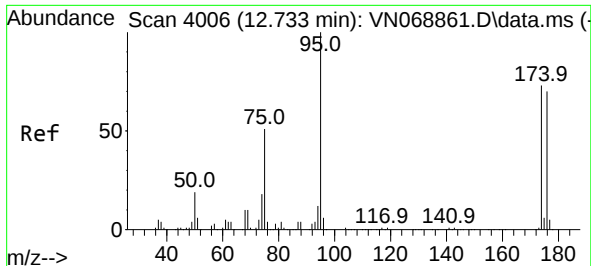
Tgt Ion: 76 Resp: 31190
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#



#59
2-Hexanone
Concen: 107.146 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

Tgt Ion: 43 Resp: 447933
Ion Ratio Lower Upper
43 100
58 18.3 26.9 80.7#

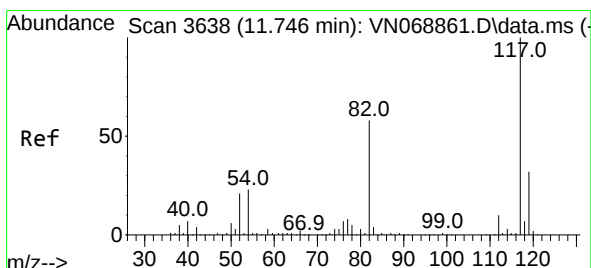
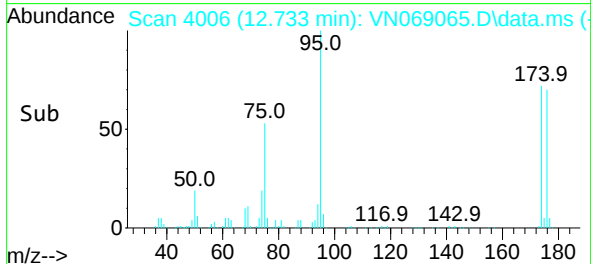
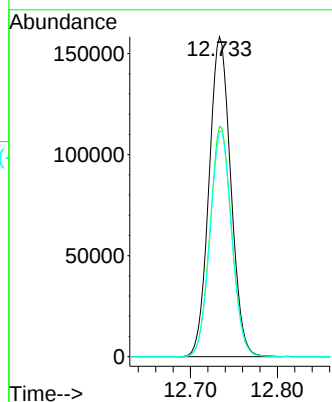
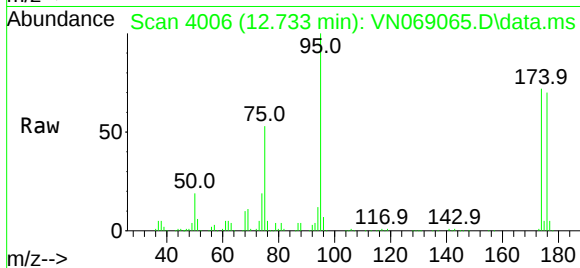




#62
4-Bromofluorobenzene
Concen: 48.493 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

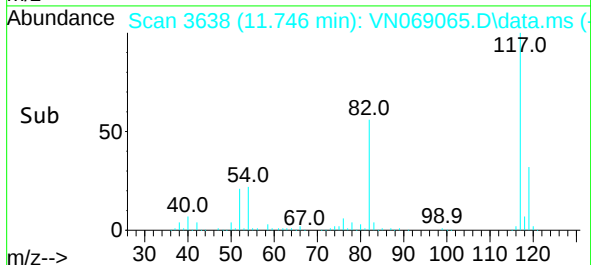
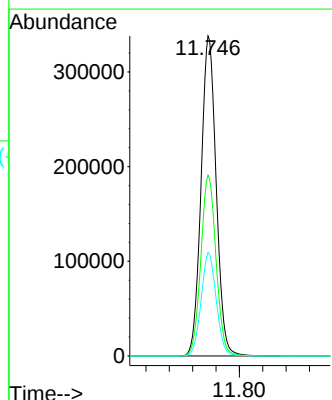
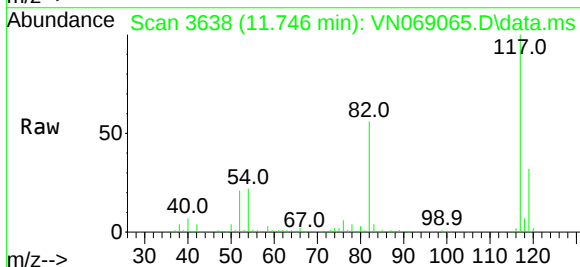
Instrument :
MSVOA_N
ClientSampleId :

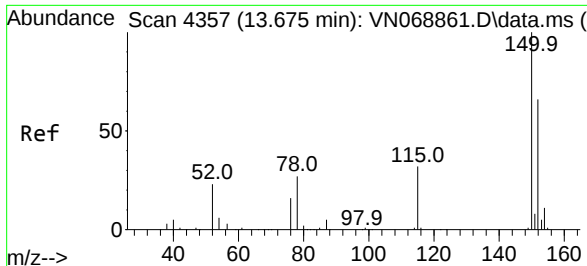
Tgt Ion: 95 Resp: 275106
Ion Ratio Lower Upper
95 100
174 72.0 0.0 144.8
176 70.4 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

Tgt Ion: 117 Resp: 607272
Ion Ratio Lower Upper
117 100
82 56.5 46.4 69.6
119 32.3 26.0 39.0

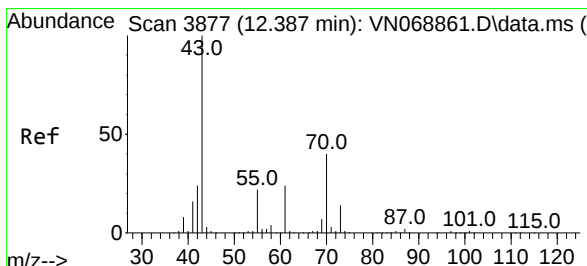
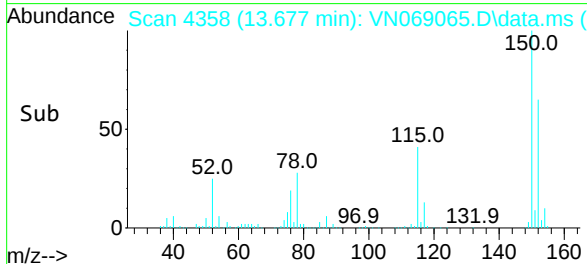
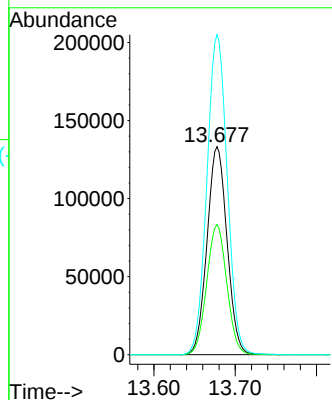
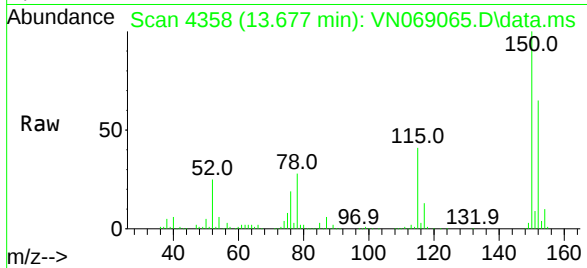




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

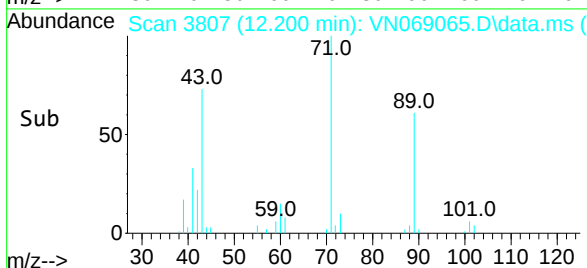
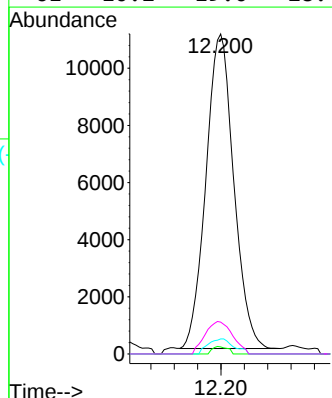
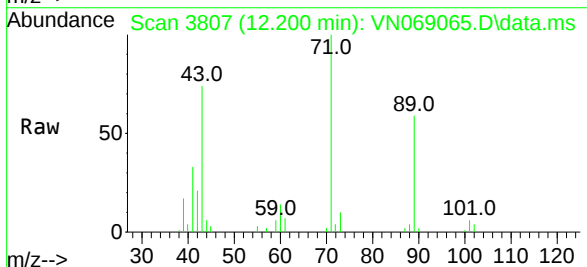
Instrument :
MSVOA_N
ClientSampled :

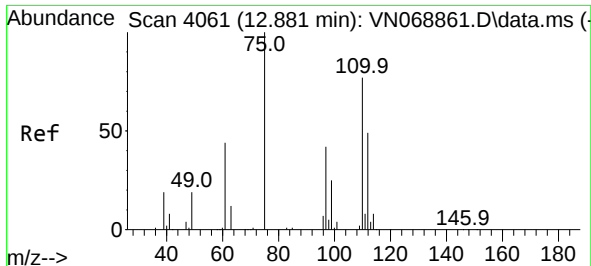
Tgt Ion:152 Resp: 228054
Ion Ratio Lower Upper
152 100
115 62.8 31.4 94.3
150 156.3 0.0 351.0



#74
N-ethyl acetate
Concen: 2.531 ug/l
RT: 12.200 min Scan# 3807
Delta R.T. -0.188 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

Tgt Ion: 43 Resp: 18205
Ion Ratio Lower Upper
43 100
70 1.3 32.2 48.2#
55 4.4 18.0 27.0#
61 10.2 19.0 28.4#

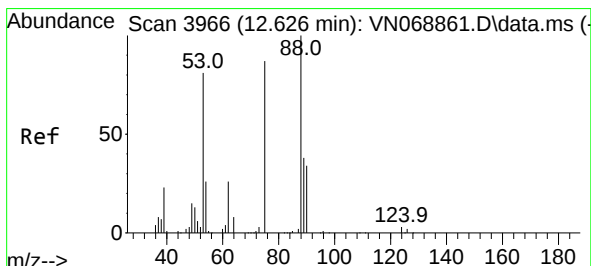
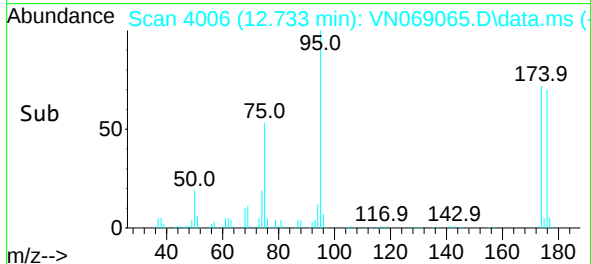
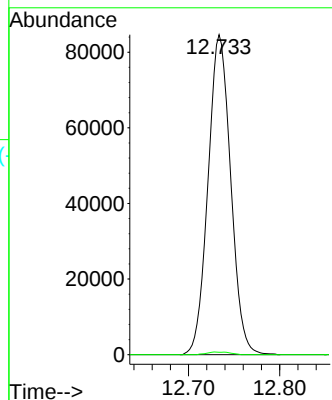
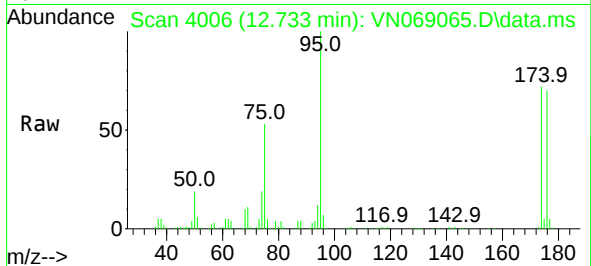




#76
1,2,3-Trichloropropane
Concen: 30.116 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

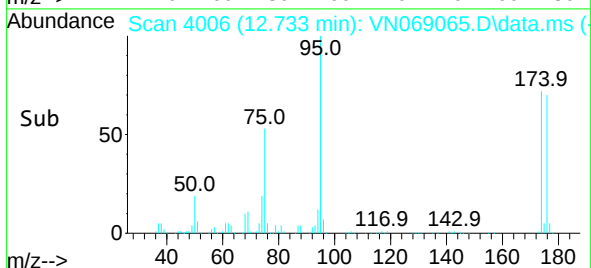
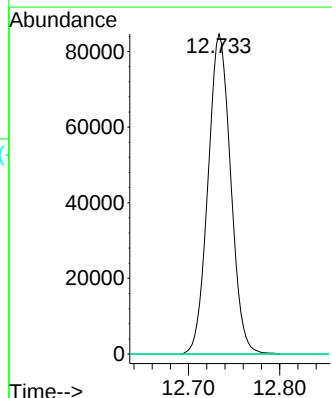
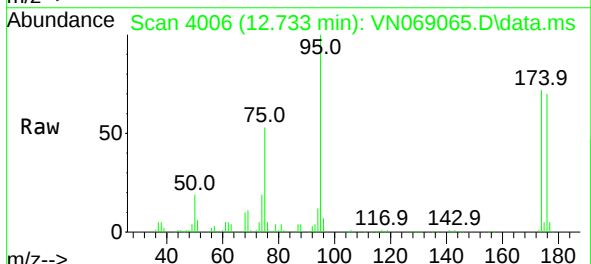
Instrument :
MSVOA_N
ClientSampled :

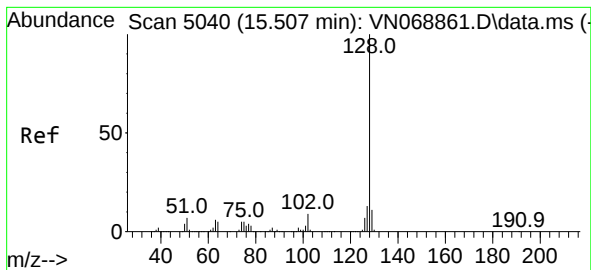
Tgt Ion: 75 Resp: 146133
Ion Ratio Lower Upper
75 100
77 0.5 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.051 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

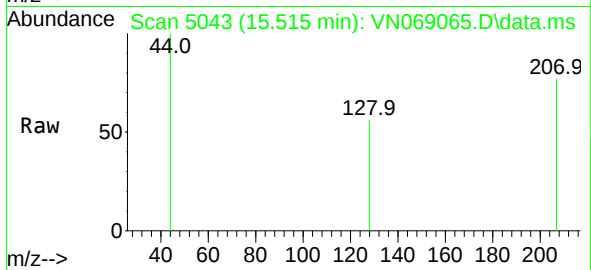
Tgt Ion: 75 Resp: 146133
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.876 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.008 min
Lab File: VN069065.D
Acq: 20 Oct 2021 16:36

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 733
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

