

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069034.D
 Acq On : 19 Oct 2021 18:39
 Operator : JC/MD
 Sample : M4244-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 20 05:49:52 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

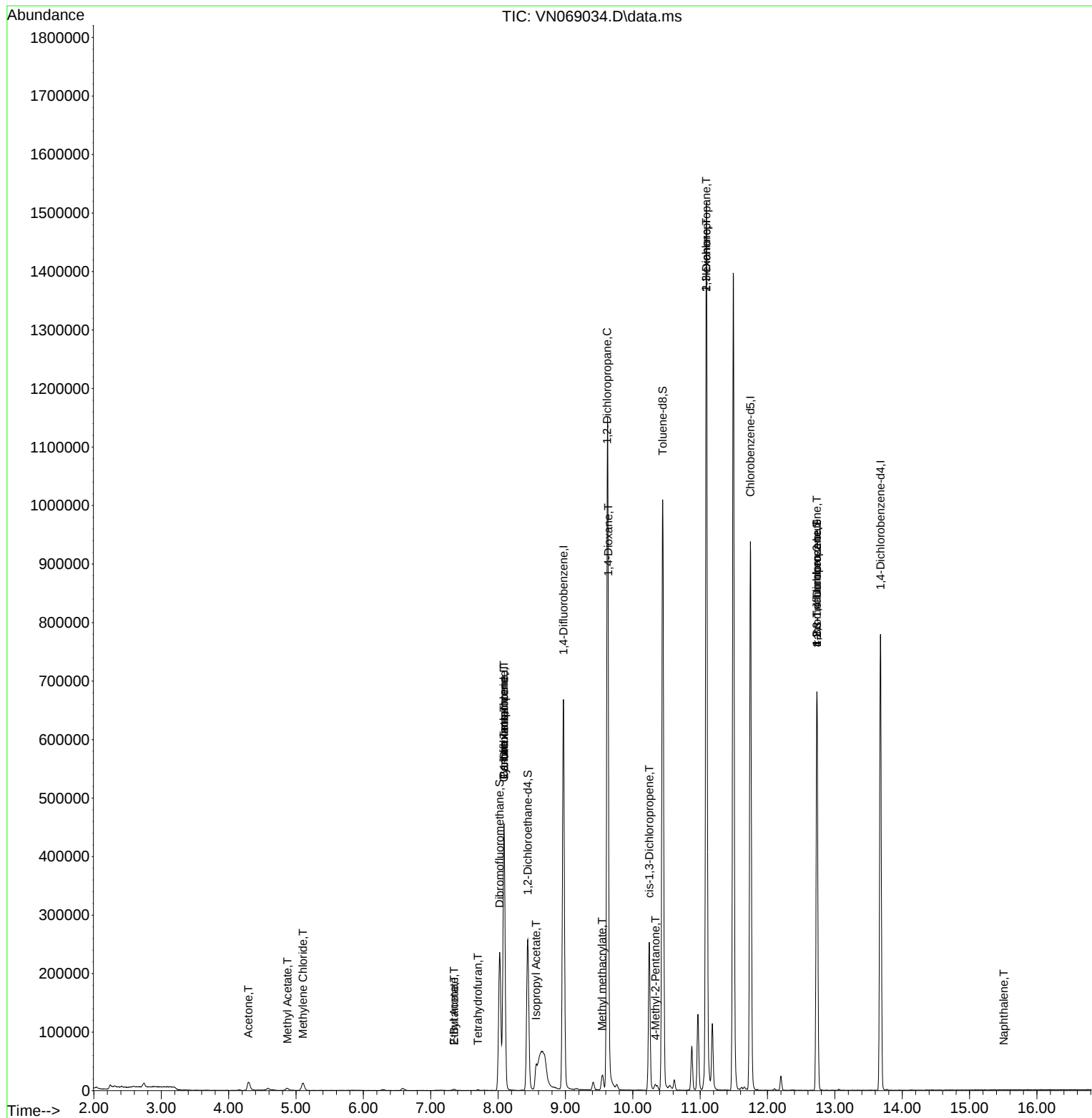
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	340156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	592850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	550522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	206259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	221157	49.312	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	98.620%	
35) Dibromofluoromethane	8.024	113	174290	50.530	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	101.060%	
50) Toluene-d8	10.443	98	734396	53.213	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	106.420%	
62) 4-Bromofluorobenzene	12.733	95	250675	48.142	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	96.280%	
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	28867	17.248	ug/l	98
18) Methyl Acetate	4.873	43	8399	1.323	ug/l #	90
20) Methylene Chloride	5.103	84	10314	2.677	ug/l	94
25) 2-Butanone	7.345	43	2282	0.902	ug/l	90
29) Tetrahydrofuran	7.699	42	914	0.557	ug/l #	68
31) Cyclohexane	8.086	56	8079	1.159	ug/l #	12
36) 1,1-Dichloropropene	8.088	75	28281	5.585	ug/l #	49
37) Ethyl Acetate	7.345	43	2282	0.436	ug/l #	68
38) Carbon Tetrachloride	8.088	117	35229	6.334	ug/l #	15
43) Isopropyl Acetate	8.566	43	45889	4.973	ug/l #	84
45) 1,2-Dichloropropane	9.620	63	1321	0.330	ug/l #	43
48) Methyl methacrylate	9.545	41	7529	1.736	ug/l #	13
49) 1,4-Dioxane	9.636	88	25	35.919	ug/l #	1
51) 4-Methyl-2-Pentanone	10.338	43	5065	0.947	ug/l #	82
54) cis-1,3-Dichloropropene	10.245	75	48310	7.242	ug/l #	60
57) 1,3-Dichloropropane	11.089	76	16945	2.627	ug/l #	42
59) 2-Hexanone	11.092	43	245185	63.899	ug/l #	50
76) 1,2,3-Trichloropropane	12.733	75	133173	30.345	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	133173	72.599	ug/l #	12
95) Naphthalene	15.507	128	562	3.866	ug/l #	69

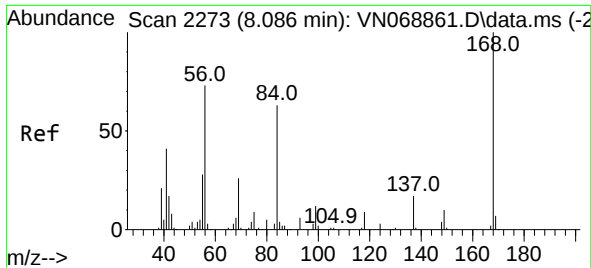
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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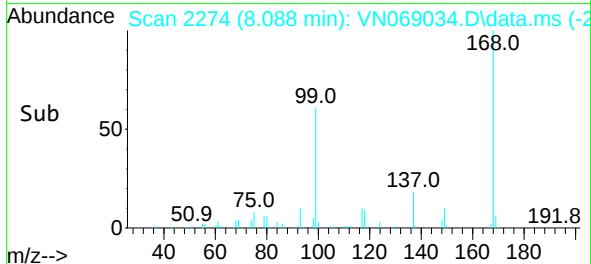
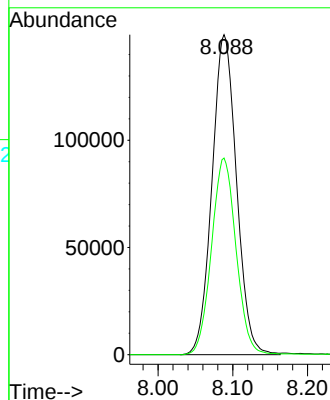
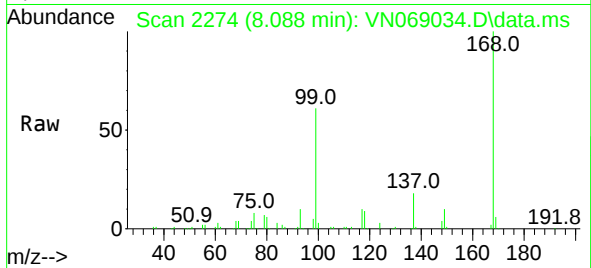




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

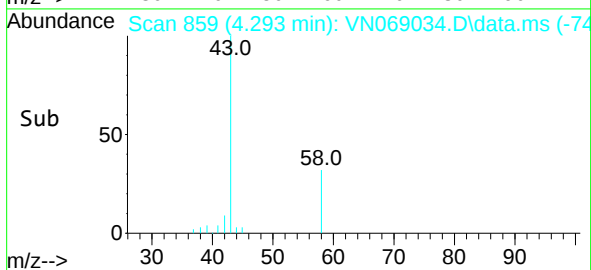
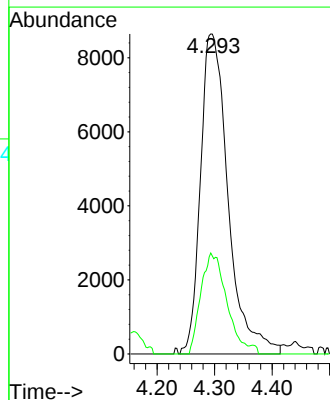
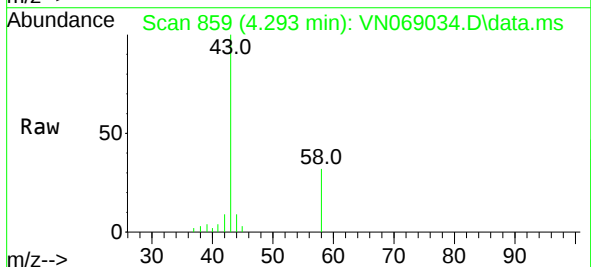
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:168 Resp: 340156
Ion Ratio Lower Upper
168 100
99 61.4 48.9 73.3



#16
Acetone
Concen: 17.248 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion: 43 Resp: 28867
Ion Ratio Lower Upper
43 100
58 31.6 24.5 36.7

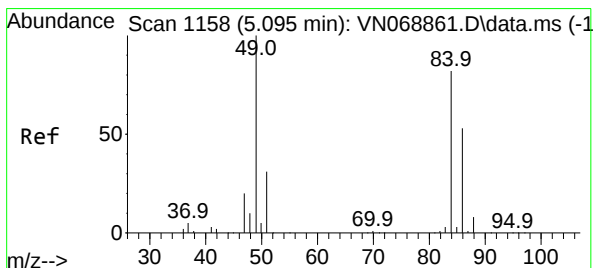
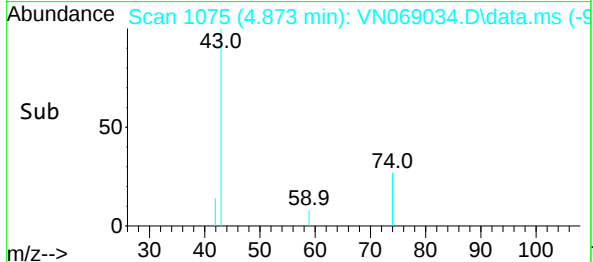
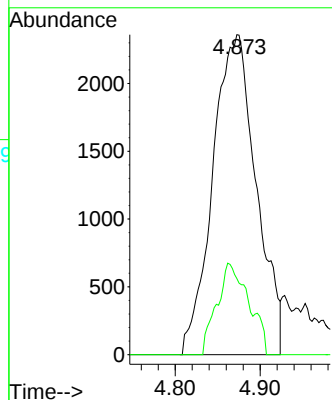
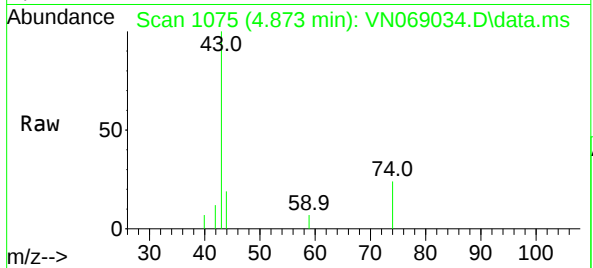




#18
Methyl Acetate
Concen: 1.323 ug/l
RT: 4.873 min Scan# 1075
Delta R.T. 0.019 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

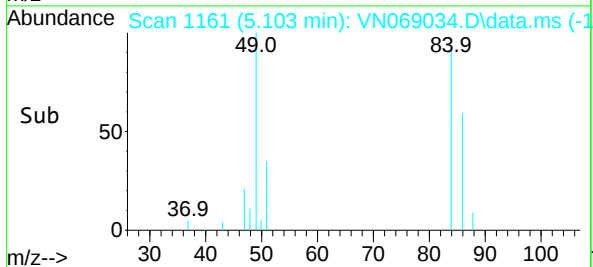
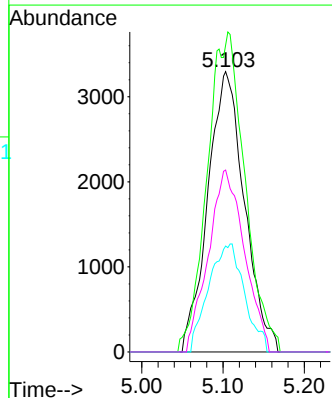
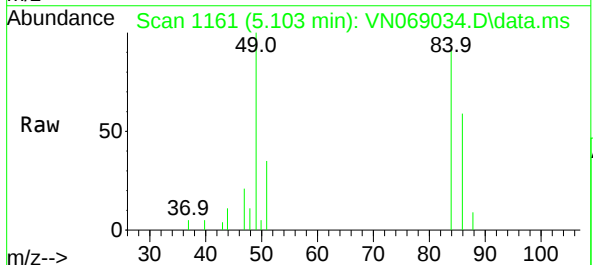
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 8399
Ion Ratio Lower Upper
43 100
74 18.5 18.9 28.3#



#20
Methylene Chloride
Concen: 2.677 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.008 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion: 84 Resp: 10314
Ion Ratio Lower Upper
84 100
49 109.4 97.6 146.4
51 37.8 30.3 45.5
86 64.9 51.8 77.6

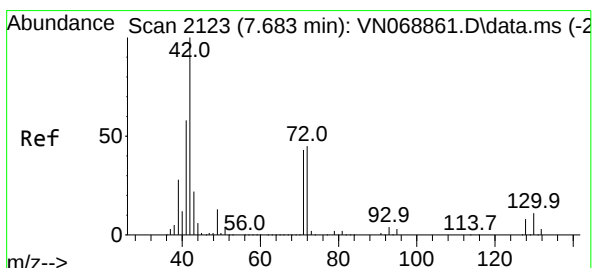
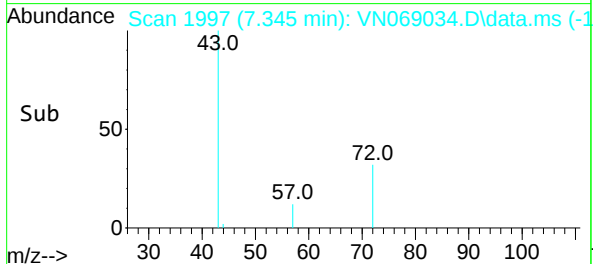
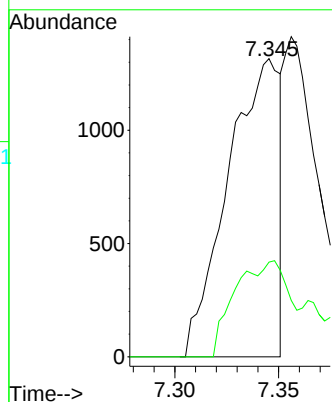
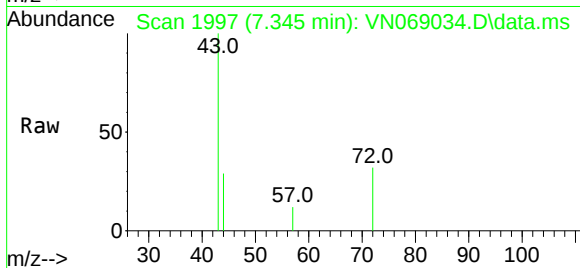




#25
2-Butanone
Concen: 0.902 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.013 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

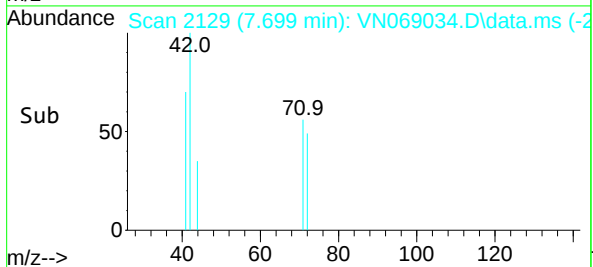
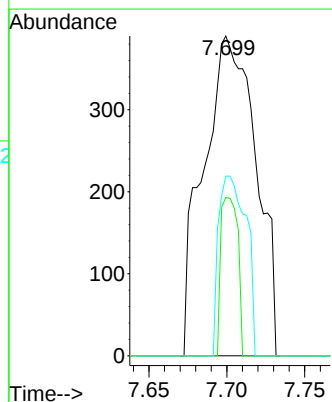
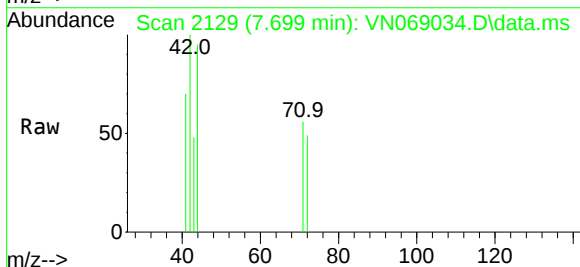
Instrument :
MSVOA_N
ClientSampled :

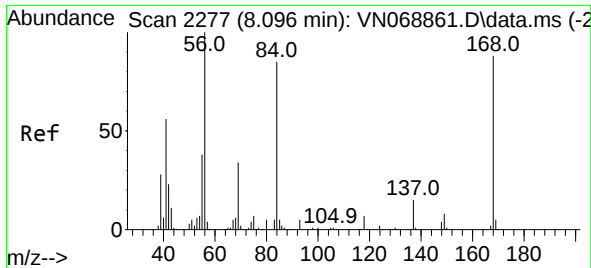
Tgt Ion: 43 Resp: 2282
Ion Ratio Lower Upper
43 100
72 31.8 21.2 31.8



#29
Tetrahydrofuran
Concen: 0.557 ug/l
RT: 7.699 min Scan# 2129
Delta R.T. 0.016 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion: 42 Resp: 914
Ion Ratio Lower Upper
42 100
72 15.9 35.4 53.2#
71 29.4 33.8 50.6#

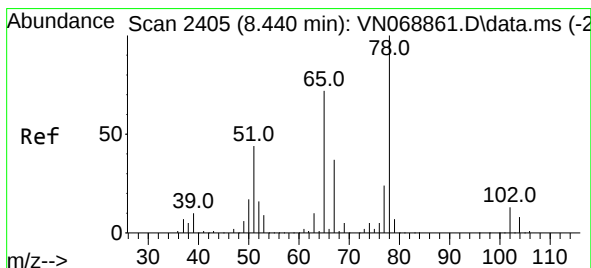
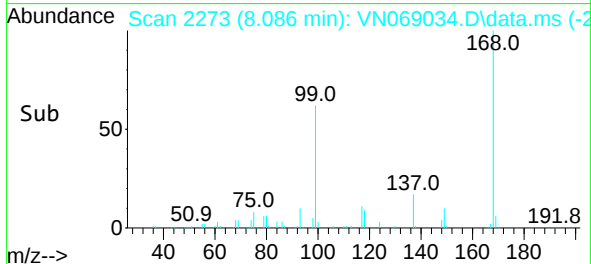
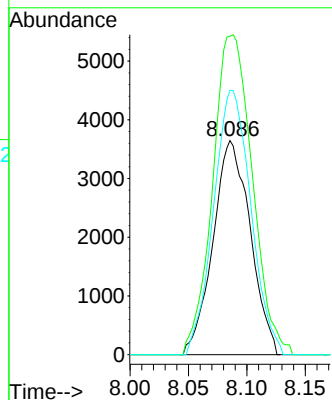
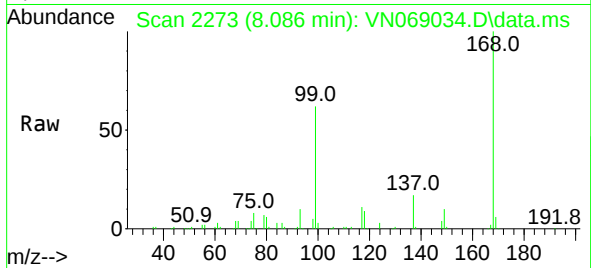




#31
Cyclohexane
Concen: 1.159 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

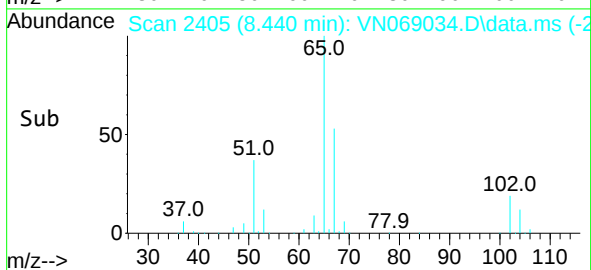
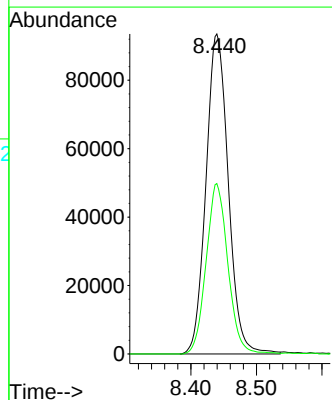
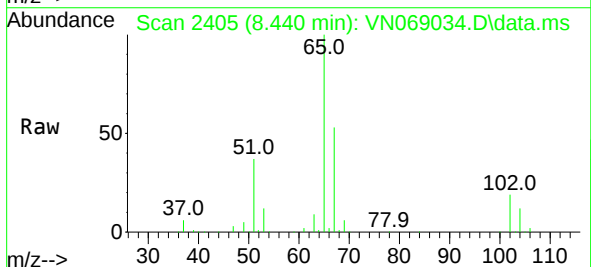
Instrument :
MSVOA_N
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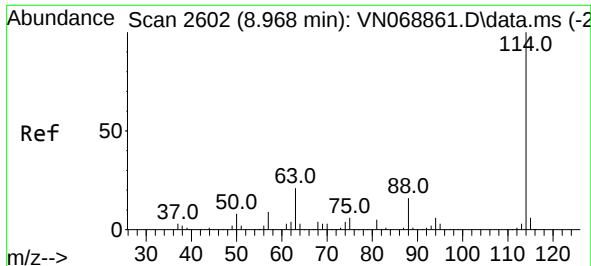
Tgt Ion: 56 Resp: 8079
Ion Ratio Lower Upper
56 100
69 148.7 26.9 40.3#
84 123.5 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.312 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion: 65 Resp: 221157
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.8

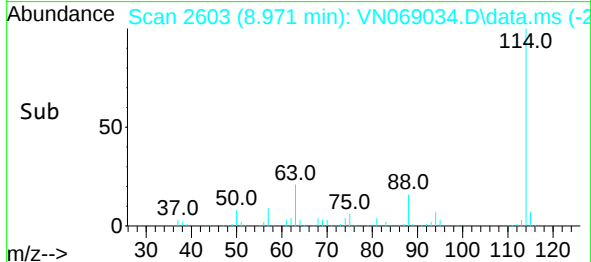
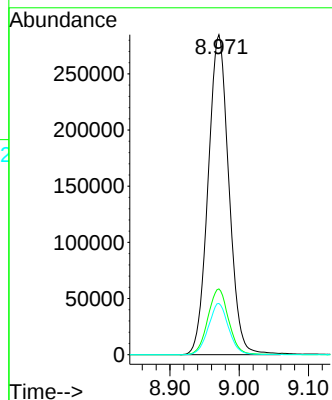
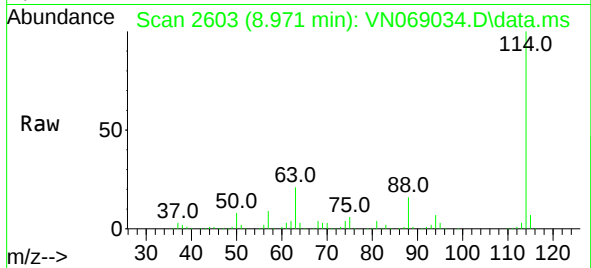




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

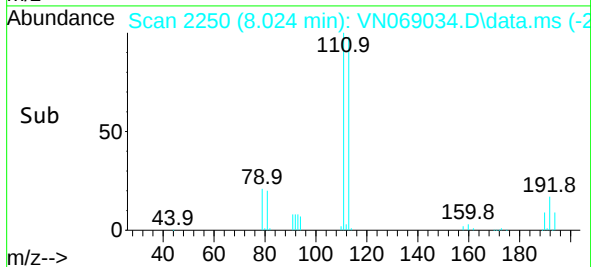
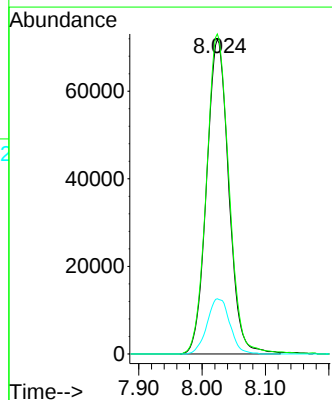
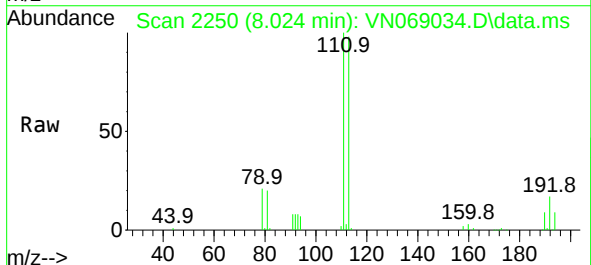
Instrument :
MSVOA_N
ClientSampled :

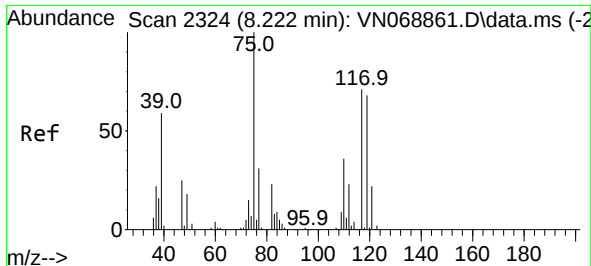
Tgt Ion:114 Resp: 592850
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.6
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.530 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion:113 Resp: 174290
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 18.1 15.0 22.4

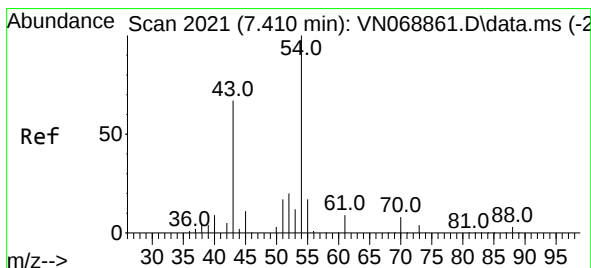
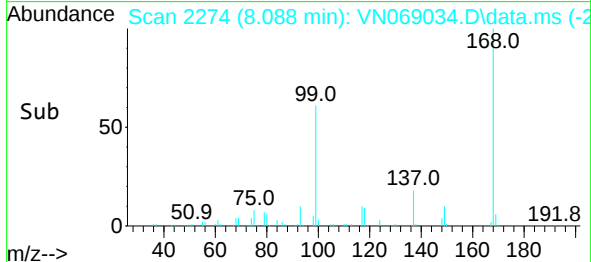
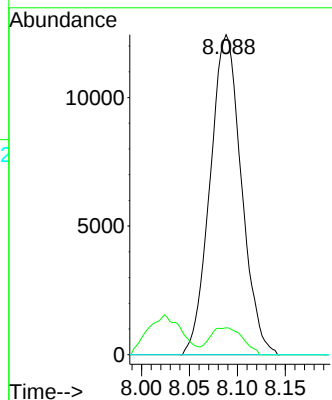
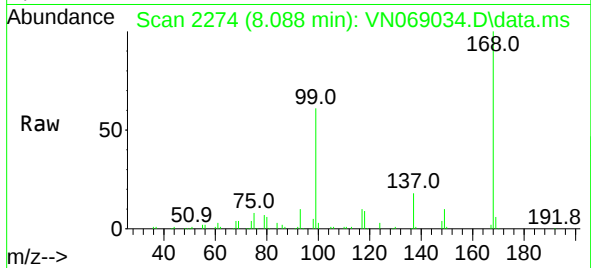




#36
1,1-Dichloropropene
Concen: 5.585 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

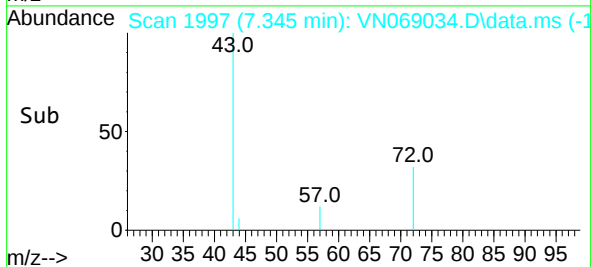
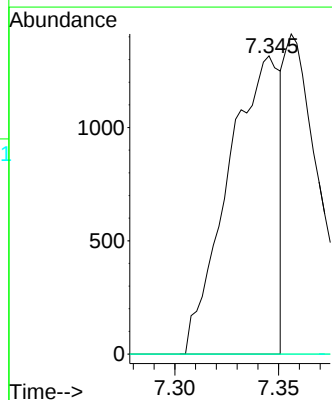
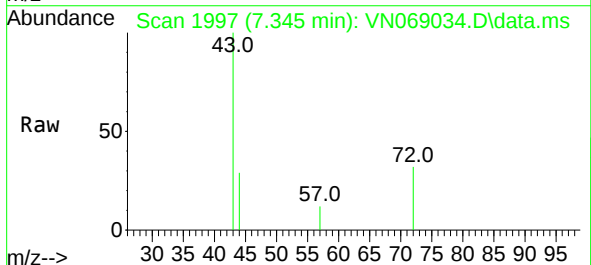
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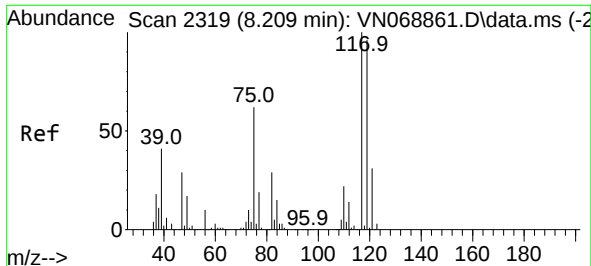
Tgt Ion: 75 Resp: 28281
Ion Ratio Lower Upper
75 100
110 8.9 17.9 53.8#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.436 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. -0.064 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion: 43 Resp: 2282
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 8.4 12.6#

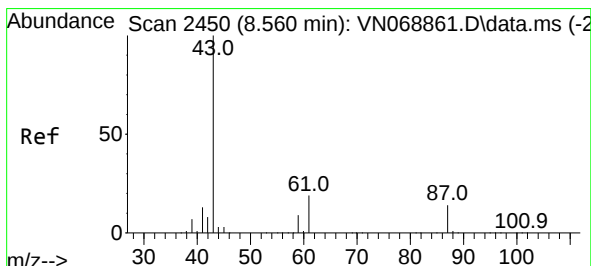
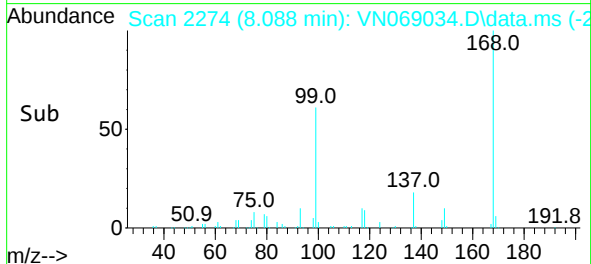
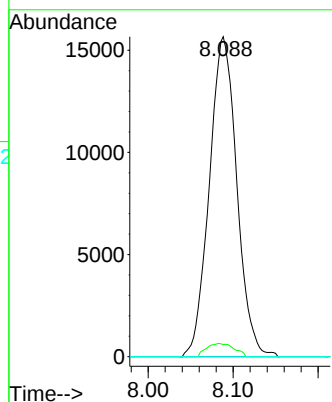
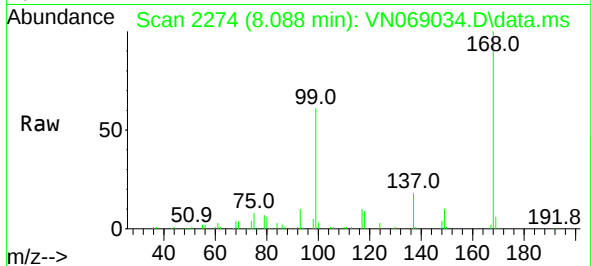




#38
Carbon Tetrachloride
Concen: 6.334 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

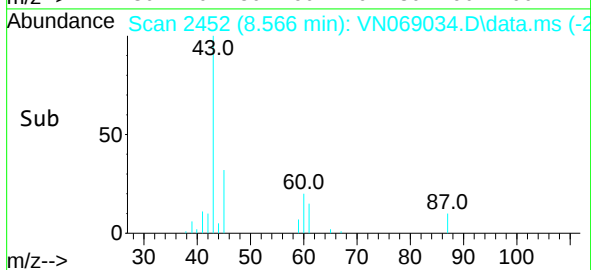
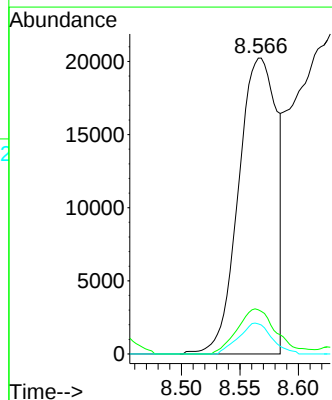
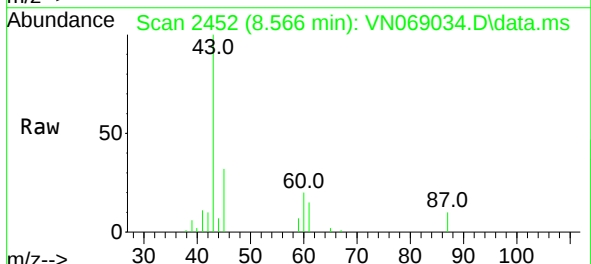
Instrument :
MSVOA_N
ClientSampled :

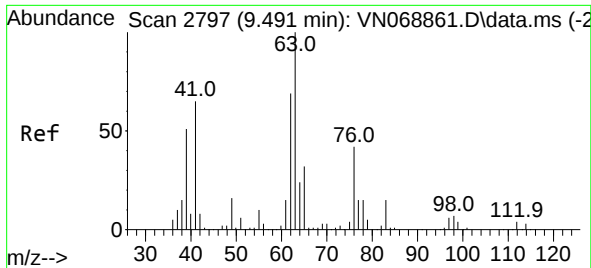
Tgt Ion:117 Resp: 35229
Ion Ratio Lower Upper
117 100
119 3.8 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 4.973 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.005 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion: 43 Resp: 45889
Ion Ratio Lower Upper
43 100
61 15.8 20.4 30.6#
87 9.0 10.7 16.1#

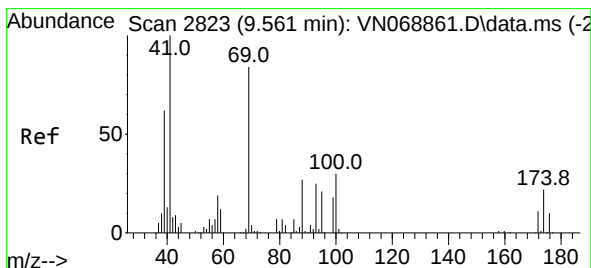
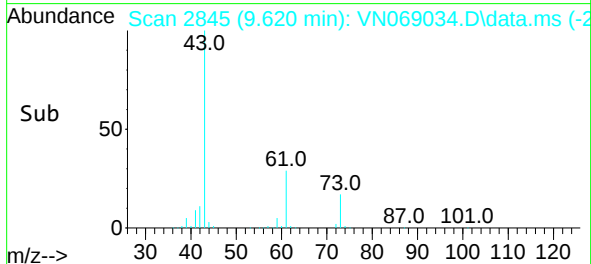
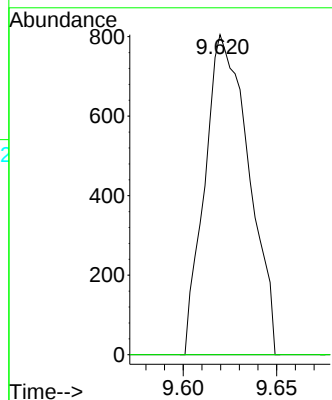
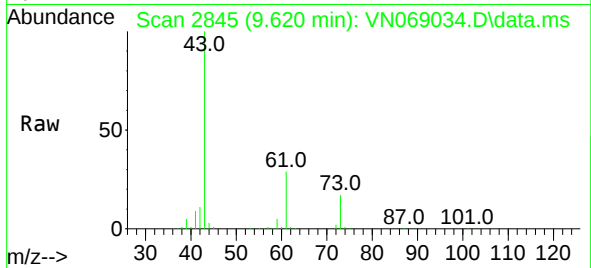




#45
1,2-Dichloropropane
Concen: 0.330 ug/l
RT: 9.620 min Scan# 2845
Delta R.T. 0.129 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

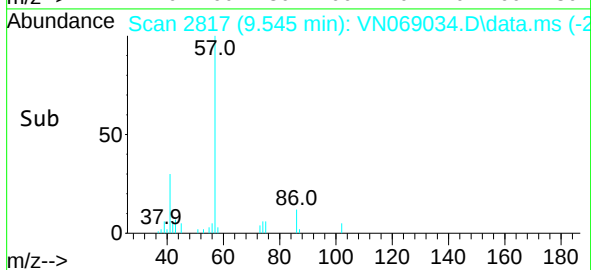
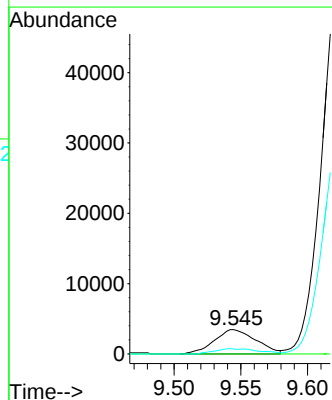
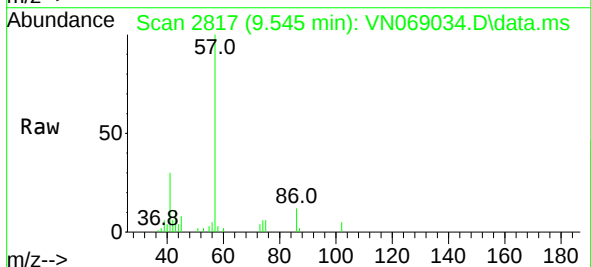
Instrument :
MSVOA_N
ClientSampled :

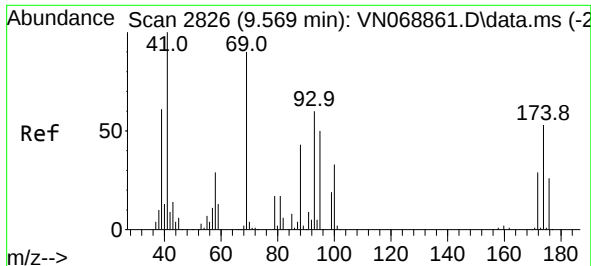
Tgt Ion: 63 Resp: 1321
Ion Ratio Lower Upper
63 100
65 0.0 25.6 38.4#



#48
Methyl methacrylate
Concen: 1.736 ug/l
RT: 9.545 min Scan# 2817
Delta R.T. -0.016 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion: 41 Resp: 7529
Ion Ratio Lower Upper
41 100
69 0.0 66.4 99.6#
39 0.0 50.2 75.2#

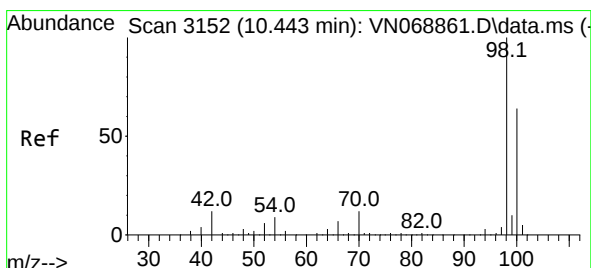
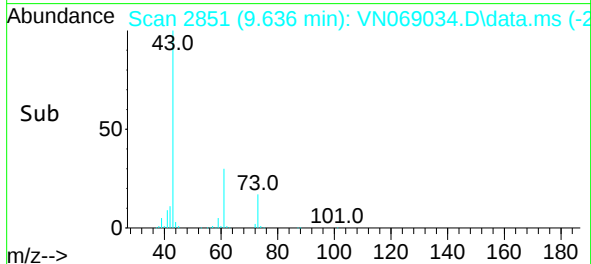
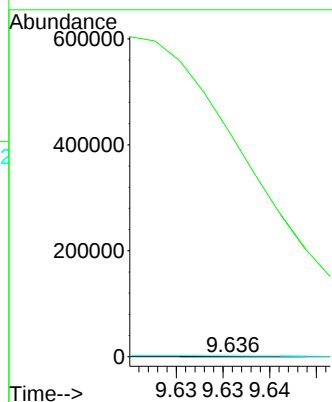
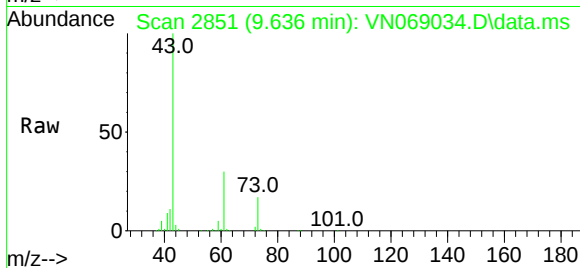




#49
1,4-Dioxane
Concen: 35.919 ug/l
RT: 9.636 min Scan# 2851
Delta R.T. 0.067 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

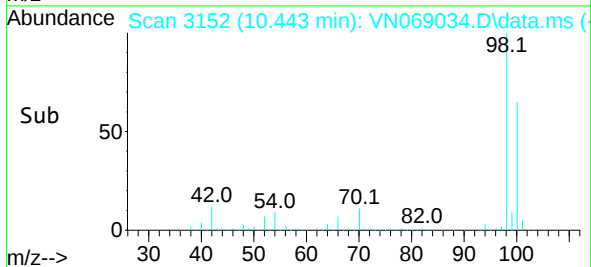
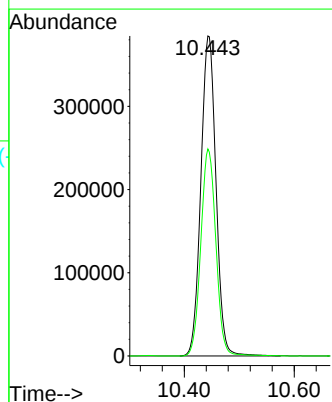
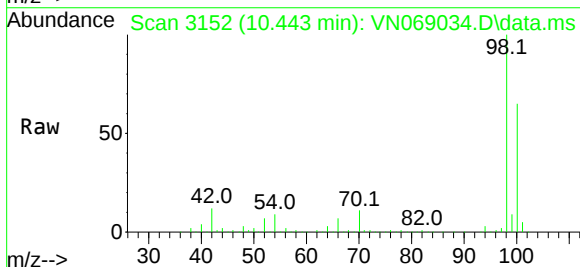
Instrument :
MSVOA_N
ClientSampleId :

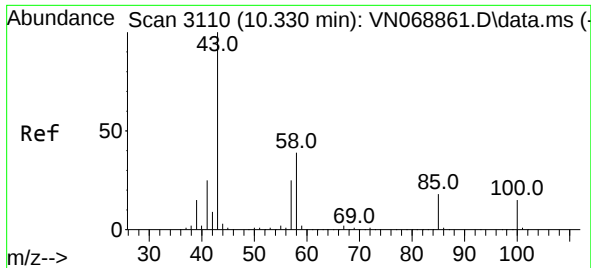
Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 4682024.0 24.9 37.3#
58 18036.0 56.9 85.3#



#50
Toluene-d8
Concen: 53.213 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion: 98 Resp: 734396
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3

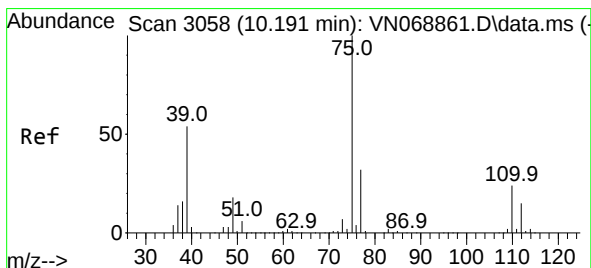
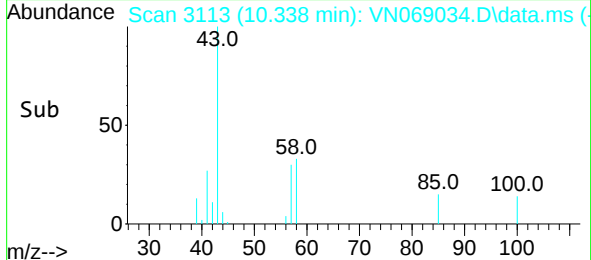
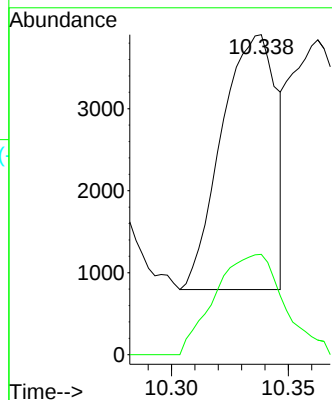
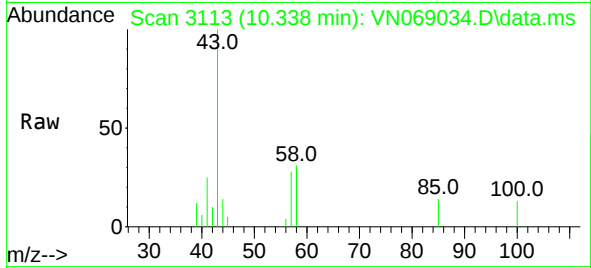




#51
4-Methyl-2-Pentanone
Concen: 0.947 ug/l
RT: 10.338 min Scan# 3113
Delta R.T. 0.008 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

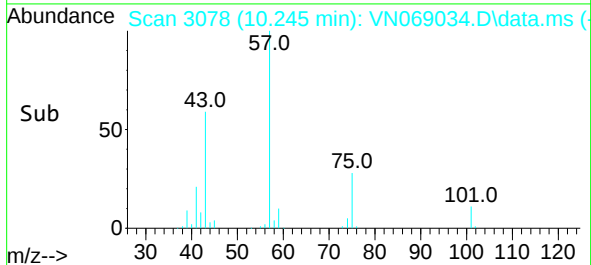
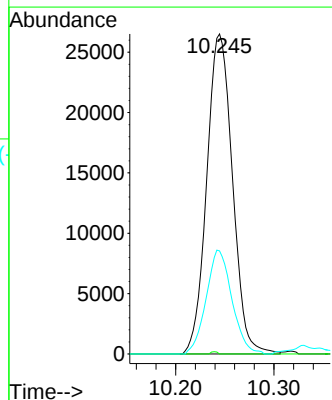
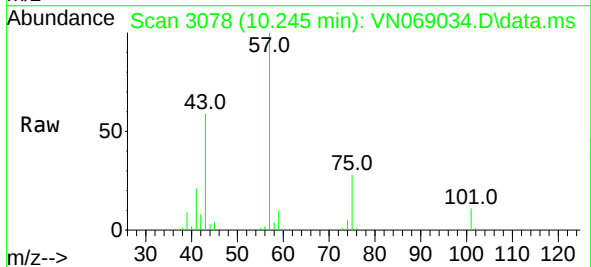
Instrument :
MSVOA_N
ClientSampled :

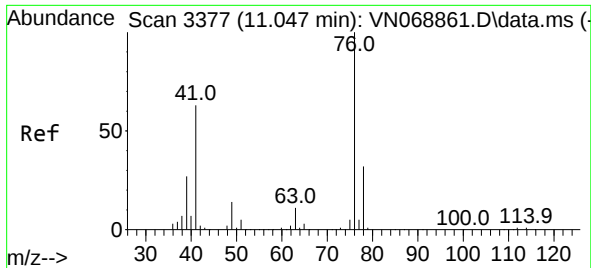
Tgt Ion: 43 Resp: 5065
Ion Ratio Lower Upper
43 100
58 49.6 31.0 46.4#



#54
cis-1,3-Dichloropropene
Concen: 7.242 ug/l
RT: 10.245 min Scan# 3078
Delta R.T. 0.054 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion: 75 Resp: 48310
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#
39 32.2 42.9 64.3#

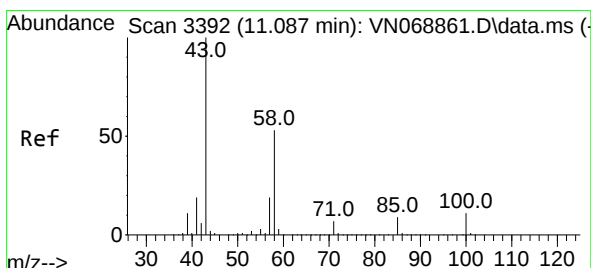
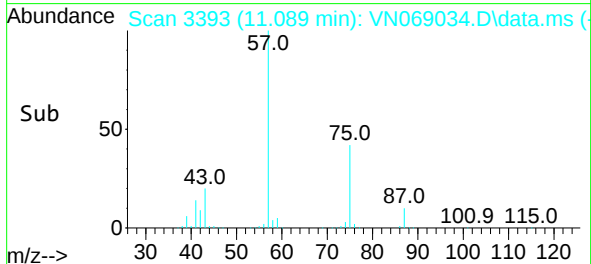
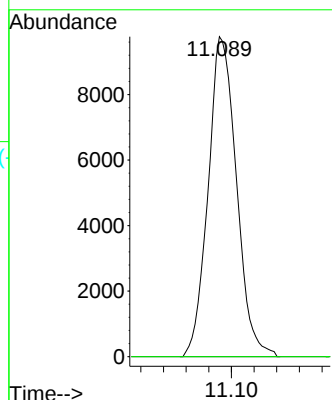
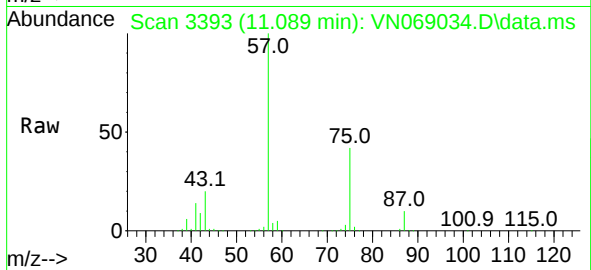




#57
1,3-Dichloropropane
Concen: 2.627 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.043 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

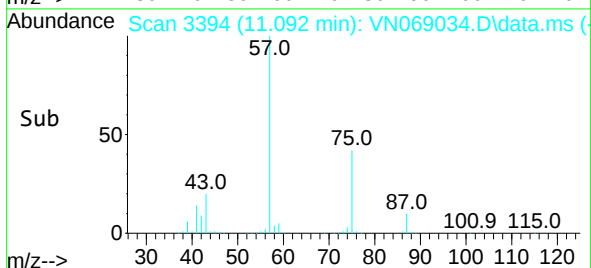
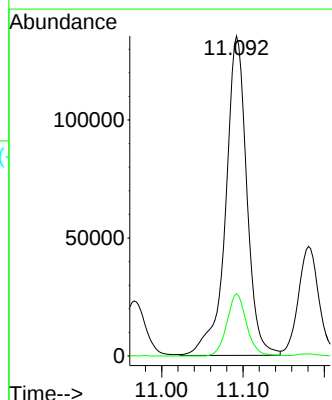
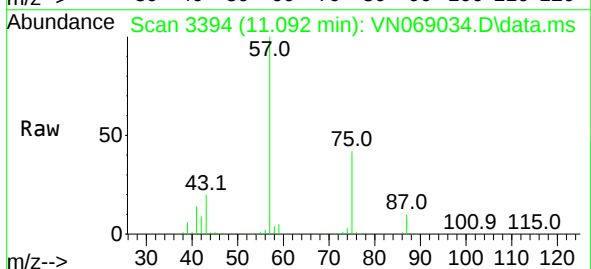
Instrument :
MSVOA_N
ClientSampled :

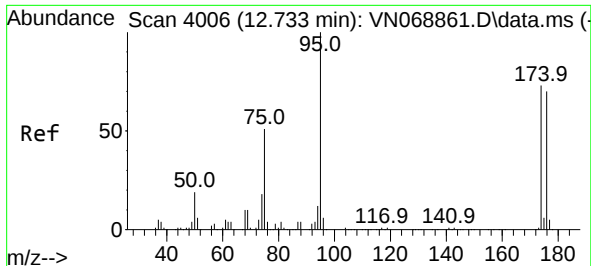
Tgt Ion: 76 Resp: 16945
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#



#59
2-Hexanone
Concen: 63.899 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion: 43 Resp: 245185
Ion Ratio Lower Upper
43 100
58 18.2 26.9 80.7#

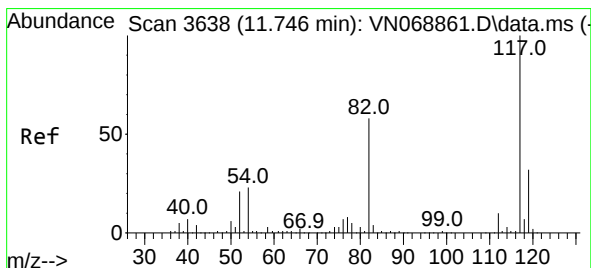
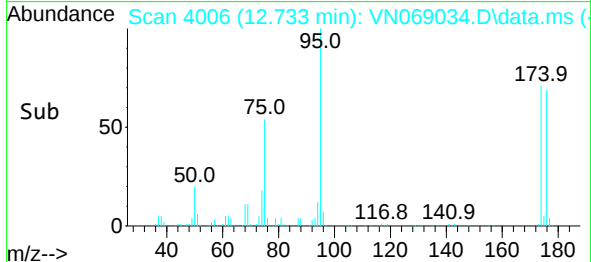
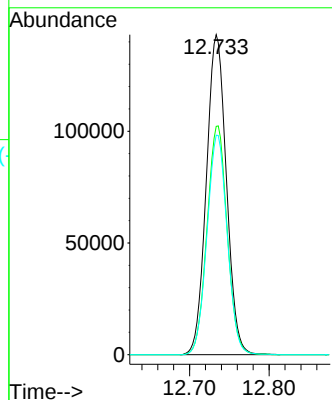
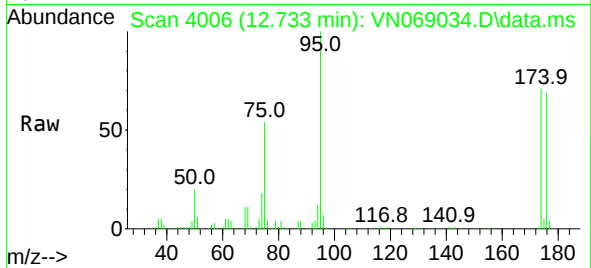




#62
4-Bromofluorobenzene
Concen: 48.142 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

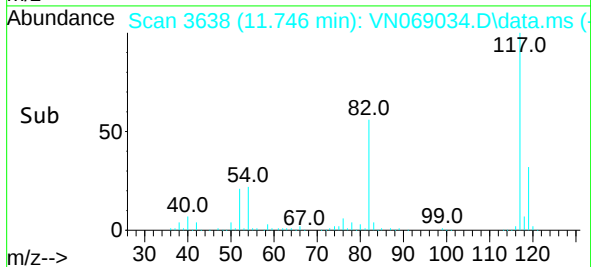
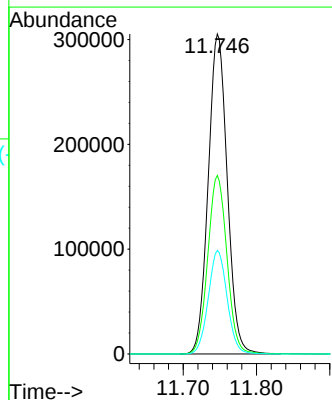
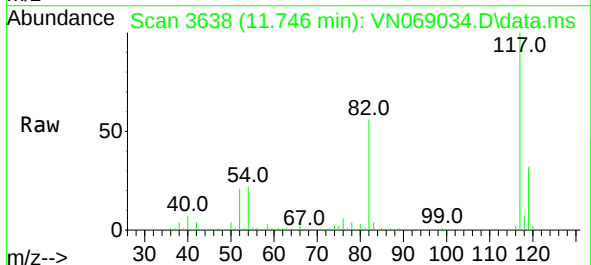
Instrument :
MSVOA_N
ClientSampleId :

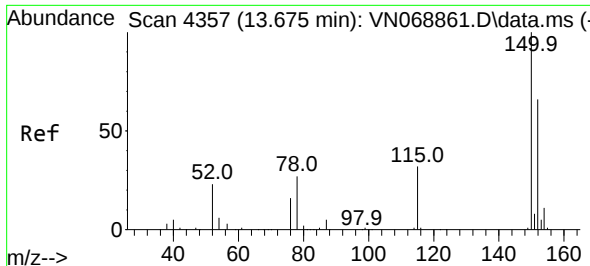
Tgt Ion: 95 Resp: 250675
Ion Ratio Lower Upper
95 100
174 71.9 0.0 144.8
176 69.2 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion: 117 Resp: 550522
Ion Ratio Lower Upper
117 100
82 55.8 46.4 69.6
119 32.3 26.0 39.0

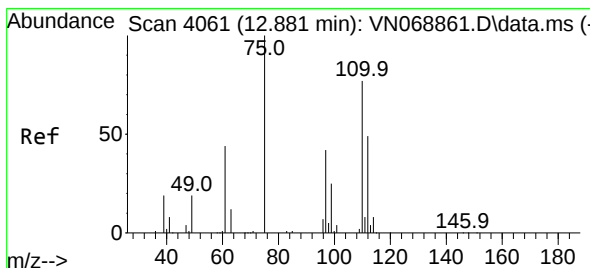
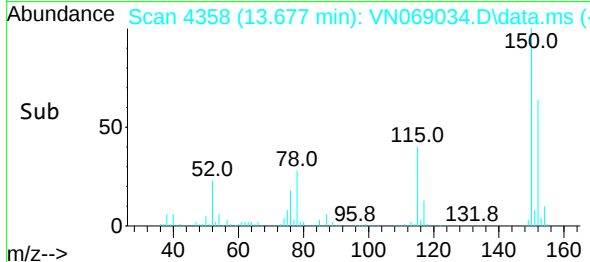
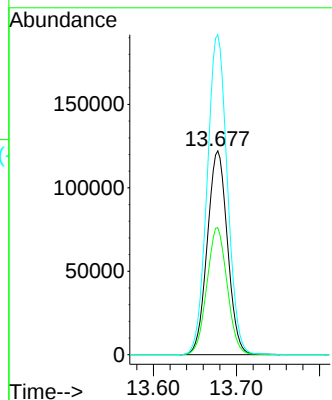
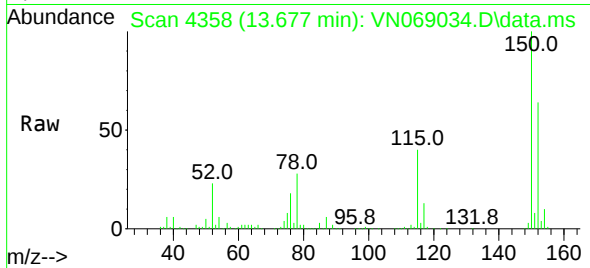




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069034.D
 Acq: 19 Oct 2021 18:39

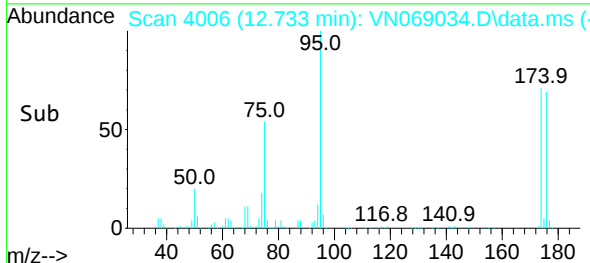
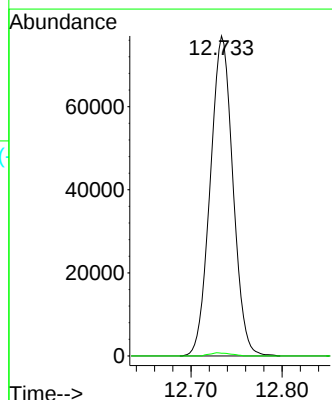
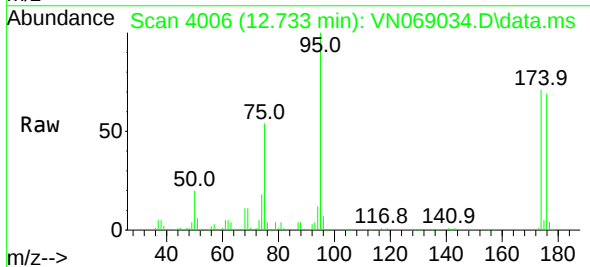
Instrument :
 MSVOA_N
 ClientSampled :

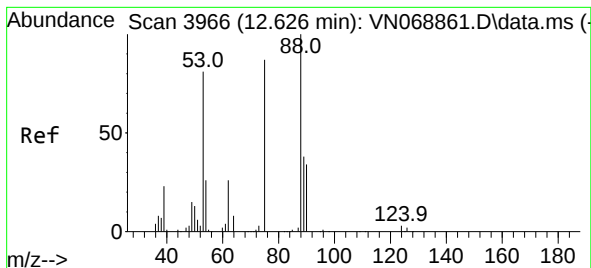
Tgt Ion:152 Resp: 206259
 Ion Ratio Lower Upper
 152 100
 115 62.5 31.4 94.3
 150 157.0 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.345 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN069034.D
 Acq: 19 Oct 2021 18:39

Tgt Ion: 75 Resp: 133173
 Ion Ratio Lower Upper
 75 100
 77 0.9 96.2 288.4#

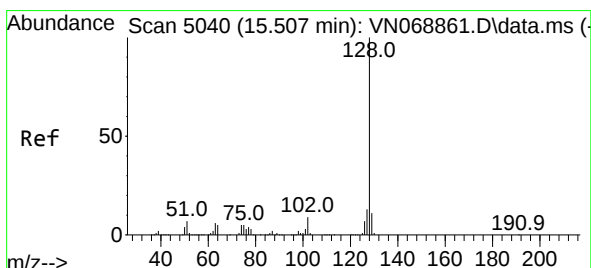
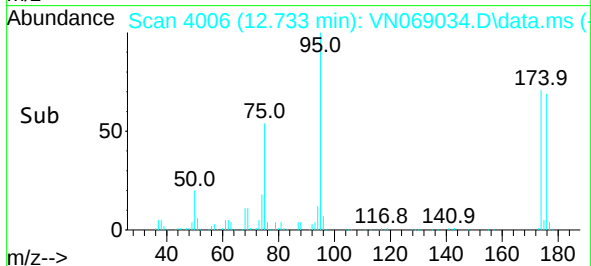
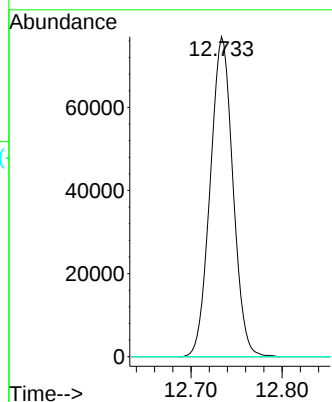
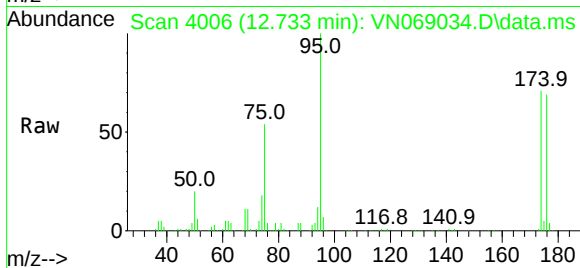




#81
trans-1,4-Dichloro-2-butene
Concen: 72.599 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 133173
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.866 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion:128 Resp: 562
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

