

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068933.D
 Acq On : 14 Oct 2021 18:47
 Operator : JC/MD
 Sample : M4192-01
 Misc : 5.45g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 14 22:50:03 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)

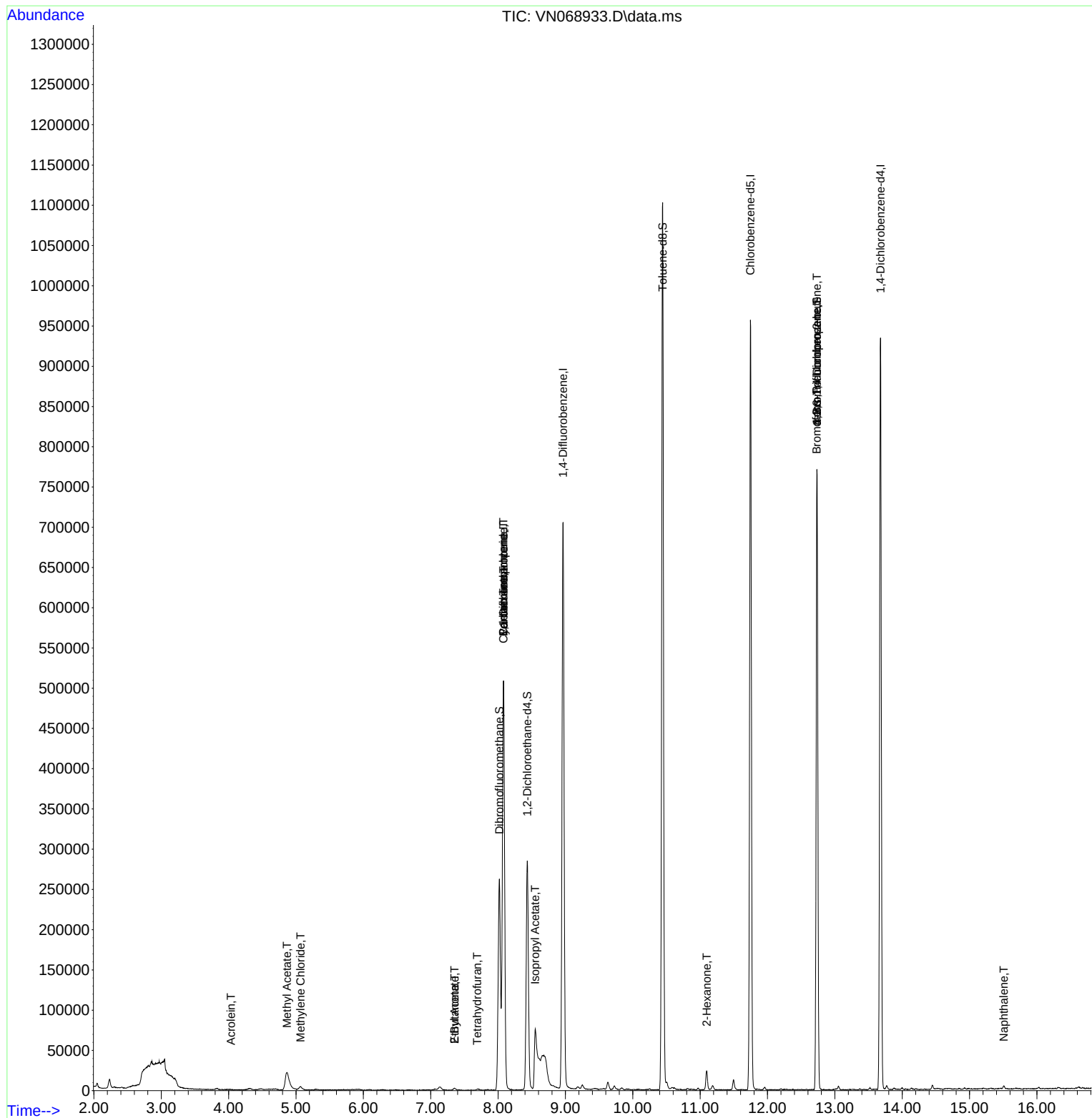
Internal Standards						
1) Pentafluorobenzene	8.080	168	402038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	655028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	571667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	254138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	235839	44.492	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 88.980%			
35) Dibromofluoromethane	8.018	113	193618	50.805	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.600%			
50) Toluene-d8	10.443	98	792992	52.005	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.000%			
62) 4-Bromofluorobenzene	12.733	95	274048	47.635	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.280%			
Target Compounds						Qvalue
13) Acrolein	4.036	56	116	0.271	ug/l #	1
18) Methyl Acetate	4.867	43	64955	8.657	ug/l	97
20) Methylene Chloride	5.066	84	2223	0.488	ug/l	95
25) 2-Butanone	7.353	43	4635	1.550	ug/l	93
29) Tetrahydrofuran	7.691	42	470	0.242	ug/l #	41
31) Cyclohexane	8.077	56	8759	1.063	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	30530	5.457	ug/l #	49
37) Ethyl Acetate	7.353	43	4635	0.802	ug/l #	68
38) Carbon Tetrachloride	8.080	117	39854	6.486	ug/l #	15
43) Isopropyl Acetate	8.552	43	97779	9.590	ug/l #	57
59) 2-Hexanone	11.097	43	3577	0.844	ug/l #	56
71) Bromoform	12.731	173	909	0.268	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	139195	25.742	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	139195	61.586	ug/l #	12
95) Naphthalene	15.507	128	4279	4.147	ug/l #	90

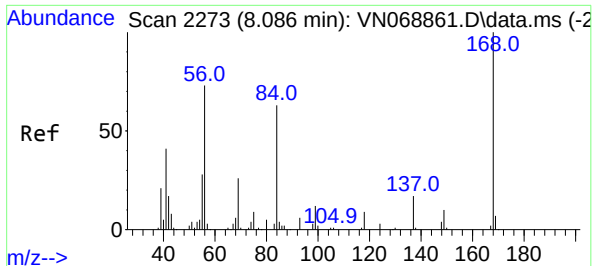
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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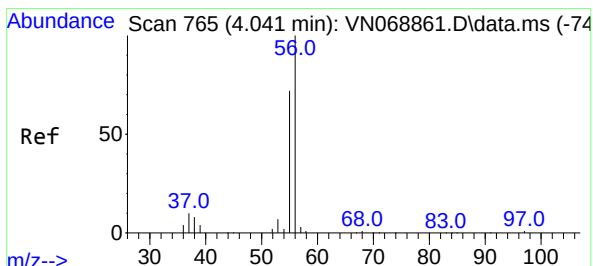
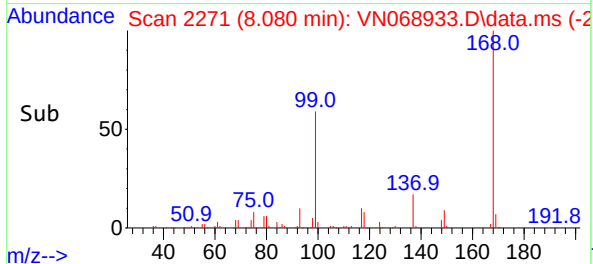
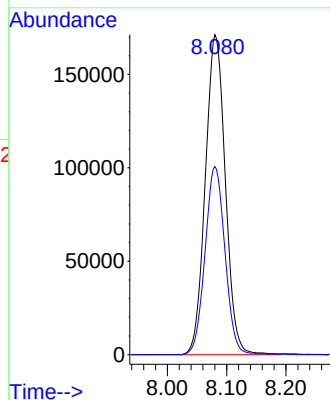
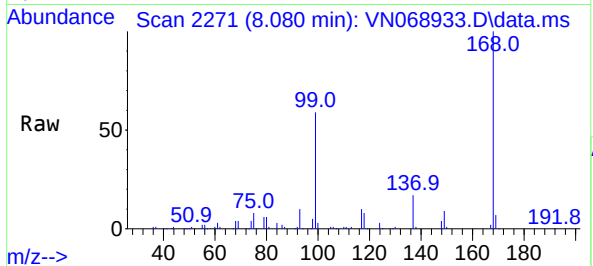




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

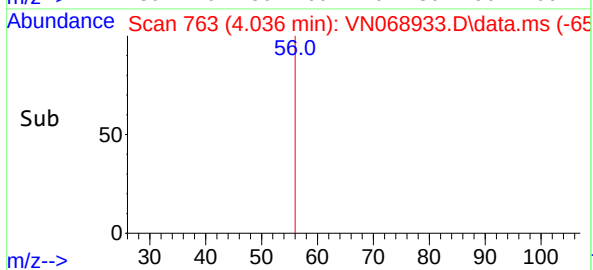
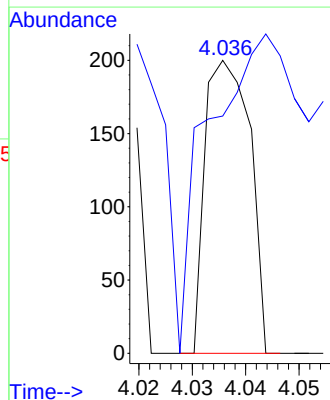
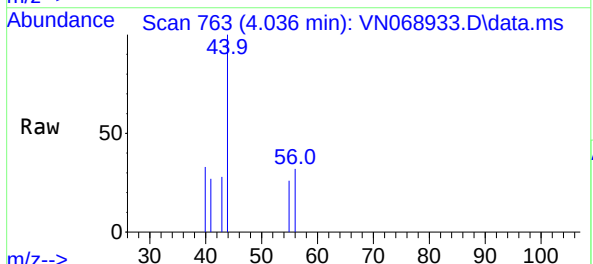
Instrument :
MSVOA_N
ClientSampled :

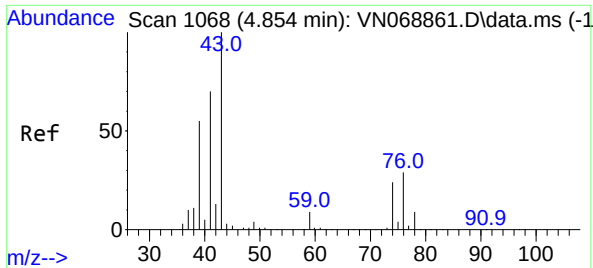
Tgt Ion:168 Resp: 402038
Ion Ratio Lower Upper
168 100
99 58.8 48.9 73.3



#13
Acrolein
Concen: 0.271 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.005 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

Tgt Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
55 223.3 58.1 87.1#

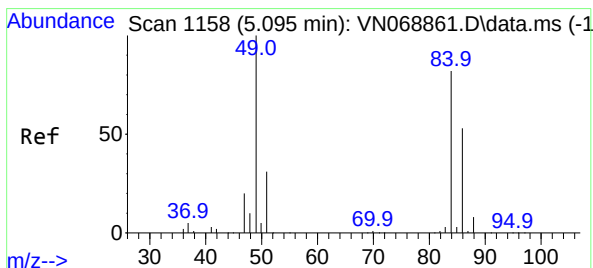
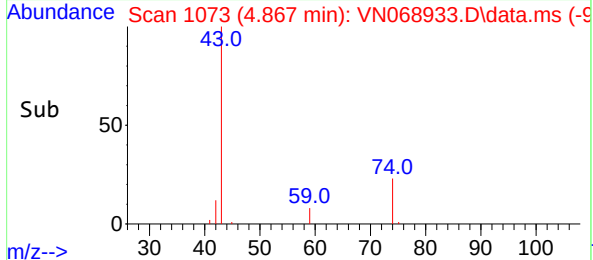
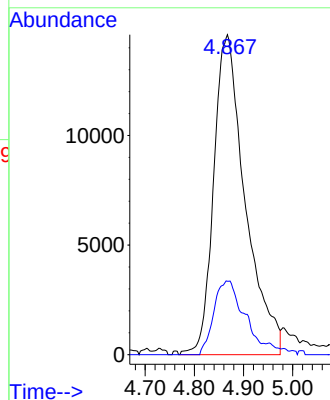
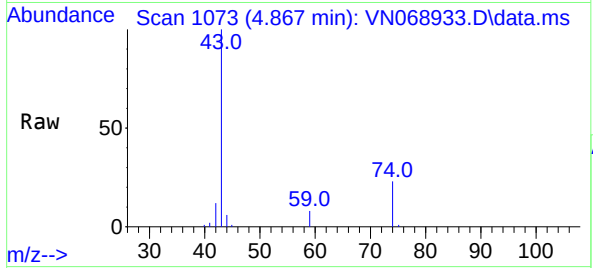




#18
Methyl Acetate
Concen: 8.657 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

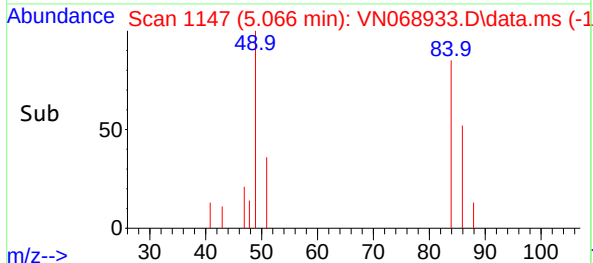
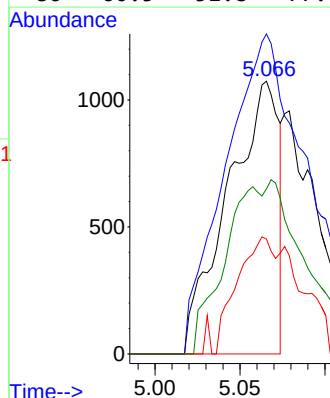
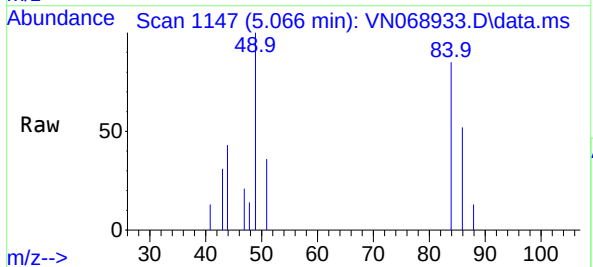
Instrument :
MSVOA_N
ClientSampled :

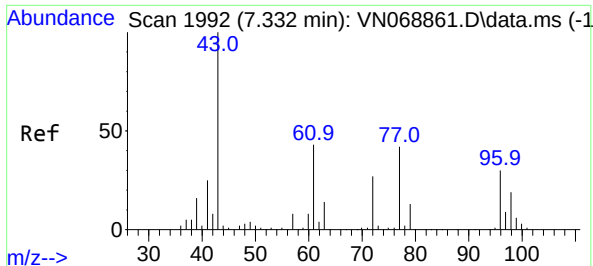
Tgt Ion: 43 Resp: 64955
Ion Ratio Lower Upper
43 100
74 22.1 18.9 28.3



#20
Methylene Chloride
Concen: 0.488 ug/l
RT: 5.066 min Scan# 1147
Delta R.T. -0.030 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

Tgt Ion: 84 Resp: 2223
Ion Ratio Lower Upper
84 100
49 117.3 97.6 146.4
51 42.1 30.3 45.5
86 60.5 51.8 77.6

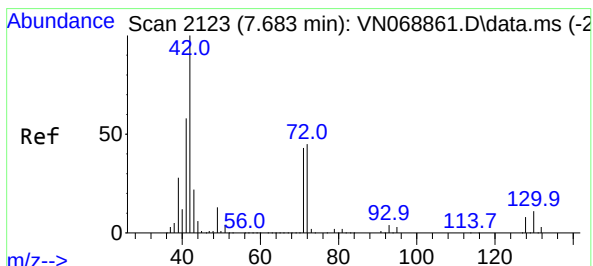
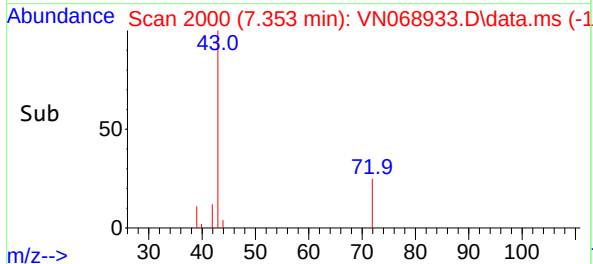
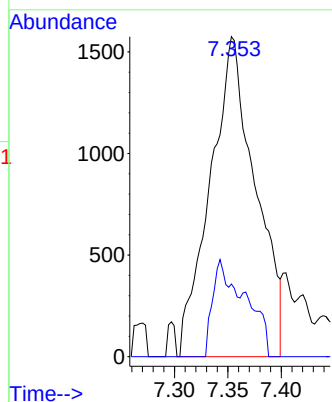
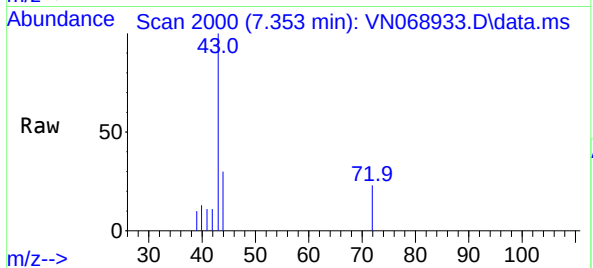




#25
2-Butanone
Concen: 1.550 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. 0.021 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

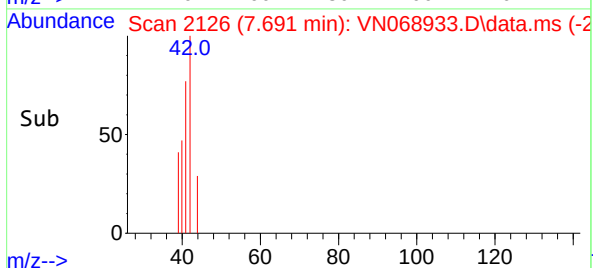
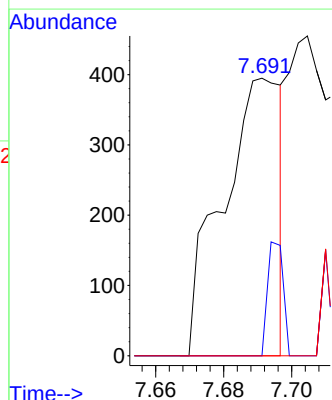
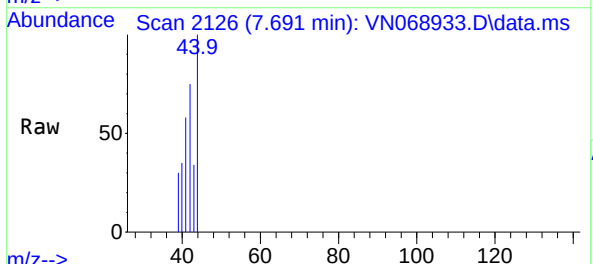
Instrument :
MSVOA_N
ClientSampled :

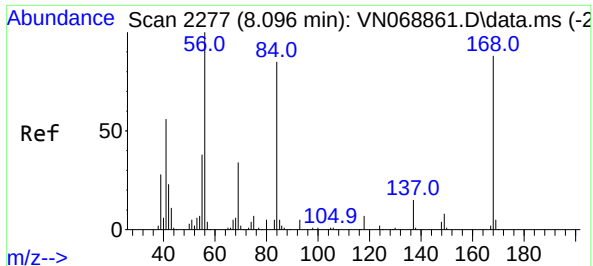
Tgt Ion: 43 Resp: 4635
Ion Ratio Lower Upper
43 100
72 22.7 21.2 31.8



#29
Tetrahydrofuran
Concen: 0.242 ug/l
RT: 7.691 min Scan# 2126
Delta R.T. 0.008 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

Tgt Ion: 42 Resp: 470
Ion Ratio Lower Upper
42 100
72 10.9 35.4 53.2#
71 0.0 33.8 50.6#

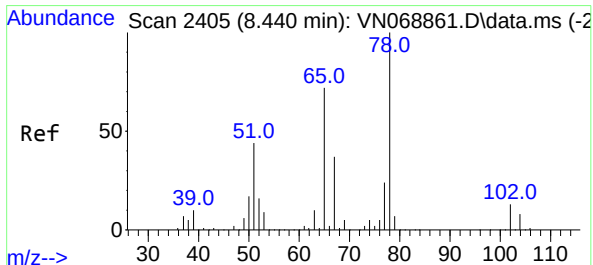
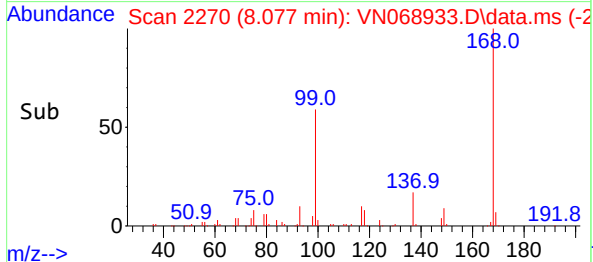
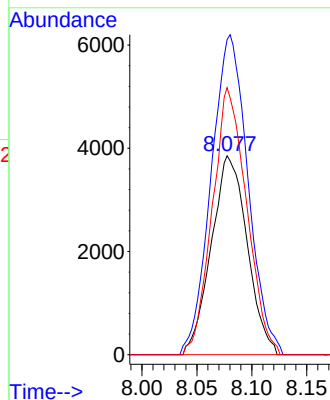
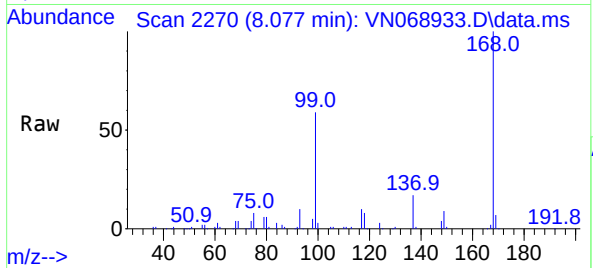




#31
Cyclohexane
Concen: 1.063 ug/l
RT: 8.077 min Scan# 2270
Delta R.T. -0.019 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

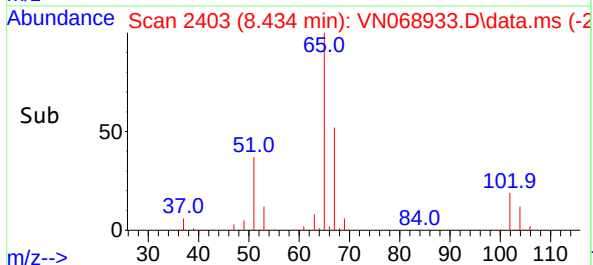
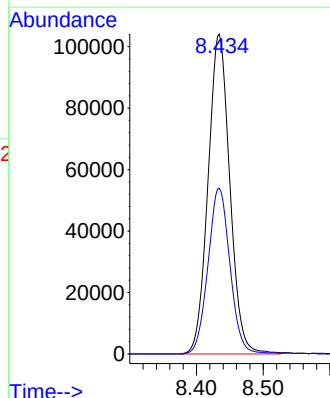
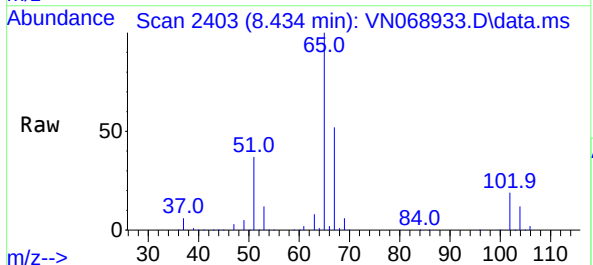
Instrument :
MSVOA_N
ClientSampled :

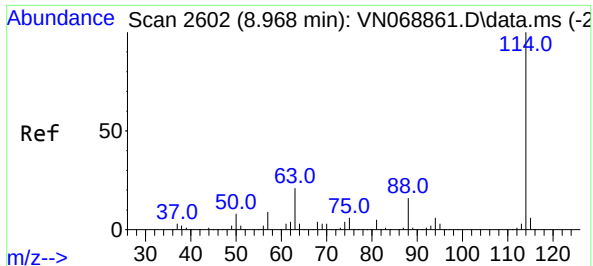
Tgt Ion: 56 Resp: 8759
Ion Ratio Lower Upper
56 100
69 158.5 26.9 40.3#
84 134.3 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 44.492 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.005 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

Tgt Ion: 65 Resp: 235839
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.8

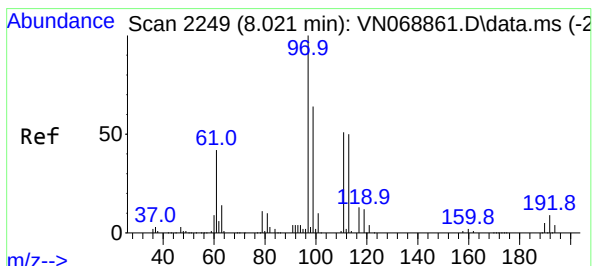
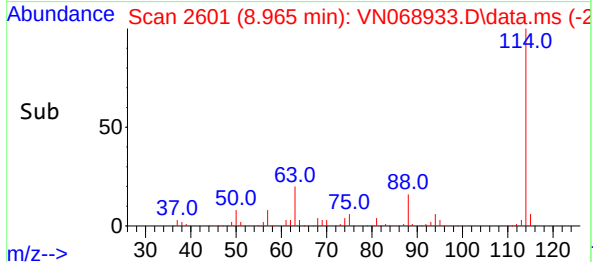
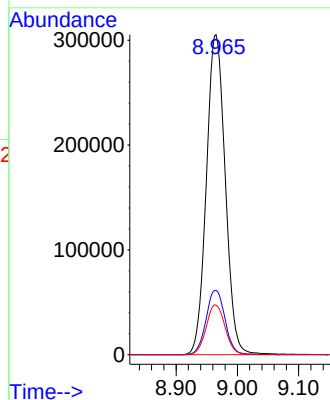
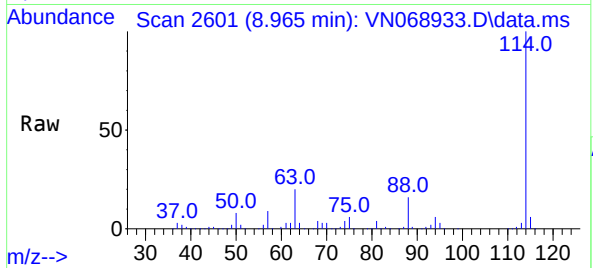




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

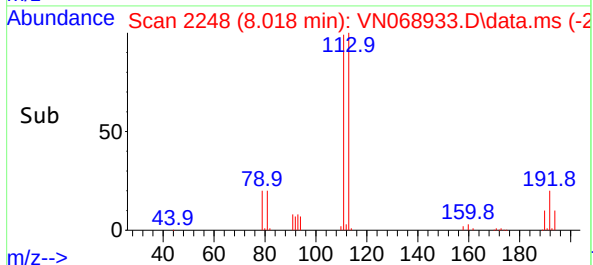
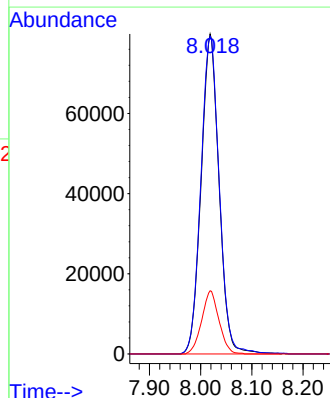
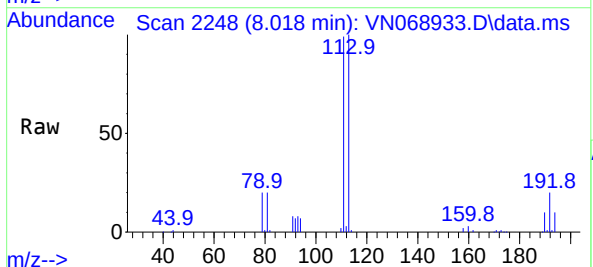
Instrument :
MSVOA_N
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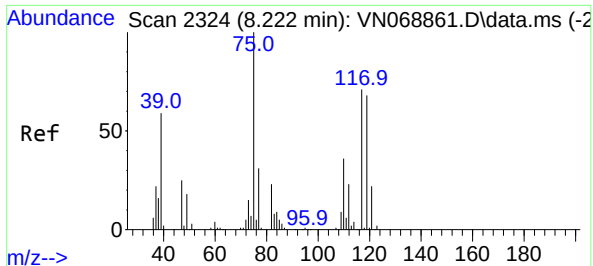
Tgt Ion:114 Resp: 655028
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.6
88 15.5 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.805 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. -0.003 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

Tgt Ion:113 Resp: 193618
Ion Ratio Lower Upper
113 100
111 102.0 83.2 124.8
192 19.1 15.0 22.4

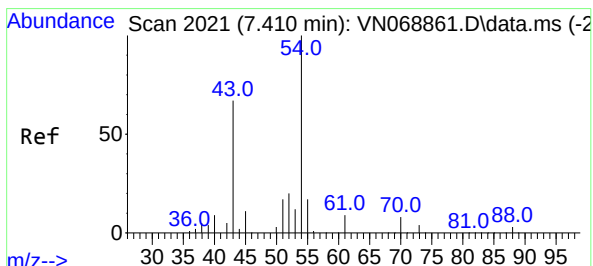
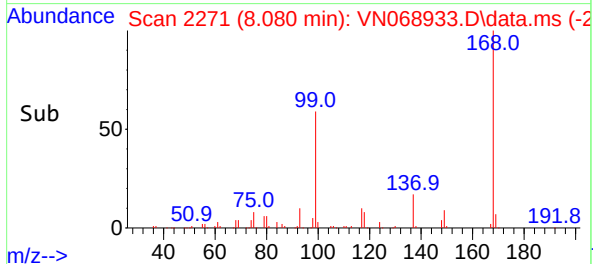
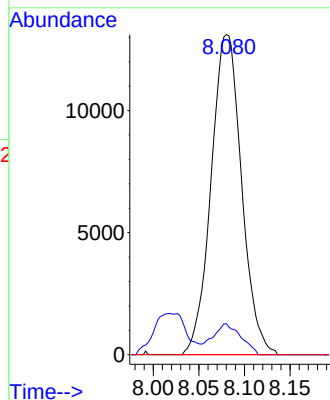
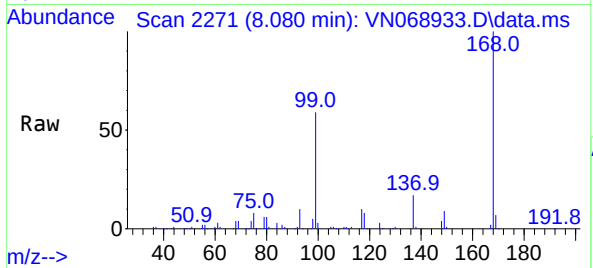




#36
1,1-Dichloropropene
Concen: 5.457 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.142 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

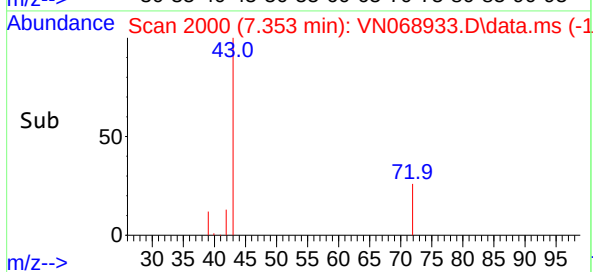
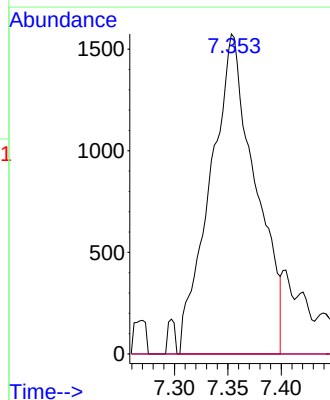
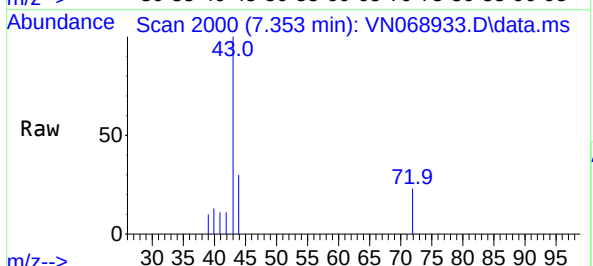
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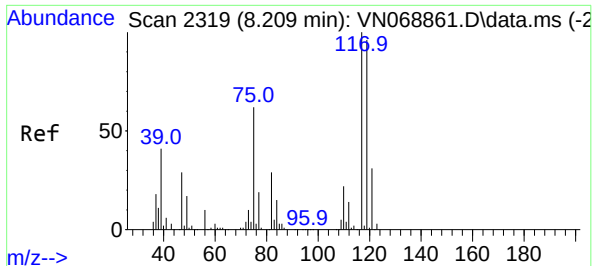
Tgt Ion: 75 Resp: 30530
Ion Ratio Lower Upper
75 100
110 8.9 17.9 53.8#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.802 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. -0.056 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

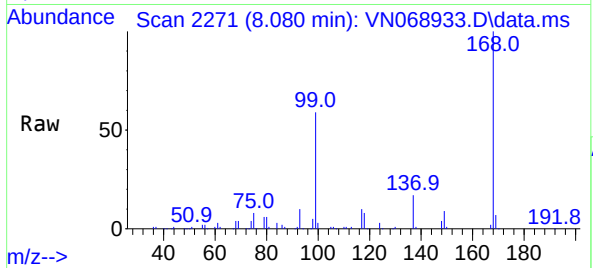
Tgt Ion: 43 Resp: 4635
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 8.4 12.6#



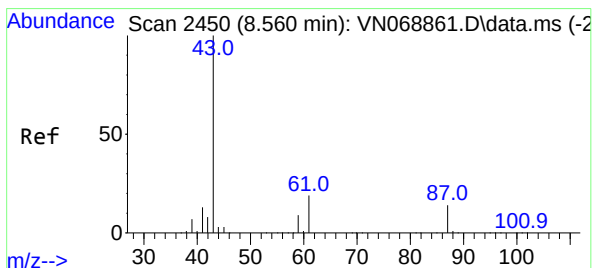
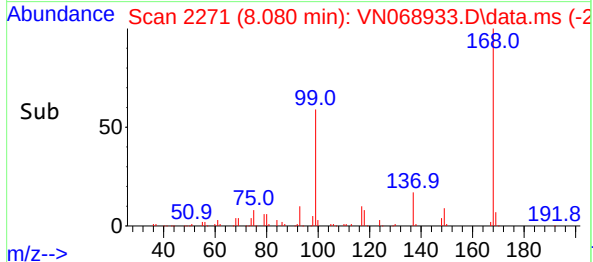
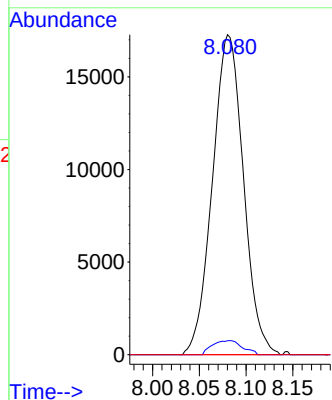


#38
Carbon Tetrachloride
Concen: 6.486 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.129 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

Instrument :
MSVOA_N
ClientSampled :

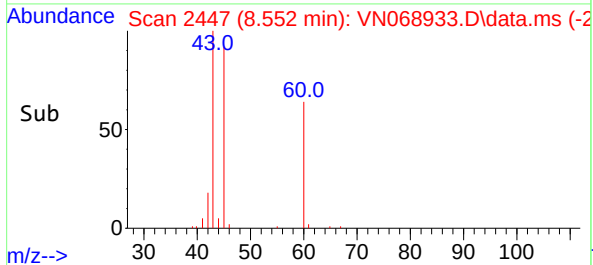
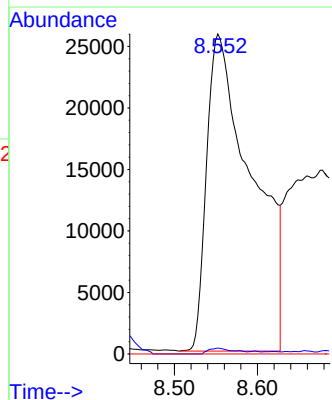
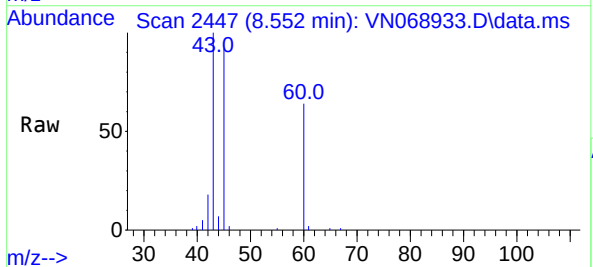


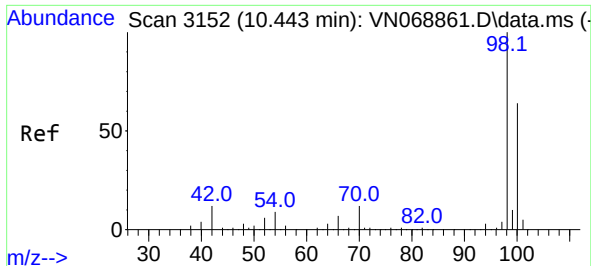
Tgt Ion:117 Resp: 39854
Ion Ratio Lower Upper
117 100
119 4.4 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 9.590 ug/l
RT: 8.552 min Scan# 2447
Delta R.T. -0.008 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

Tgt Ion: 43 Resp: 97779
Ion Ratio Lower Upper
43 100
61 0.8 20.4 30.6#
87 0.0 10.7 16.1#

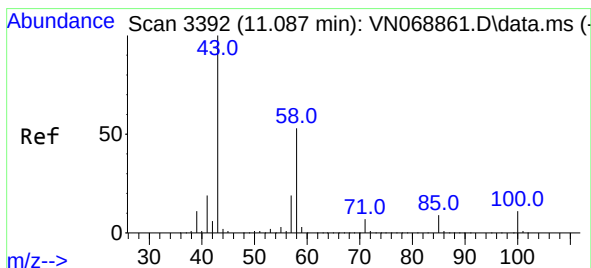
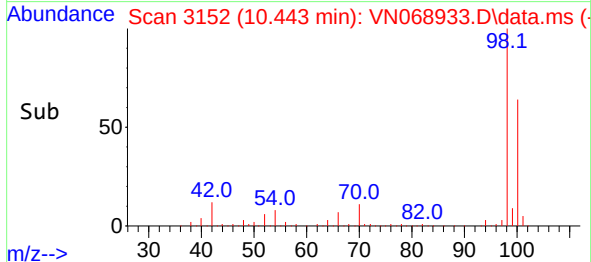
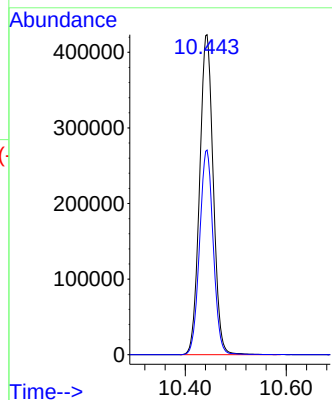
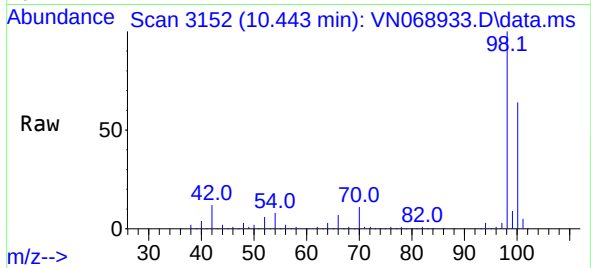




#50
Toluene-d8
Concen: 52.005 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

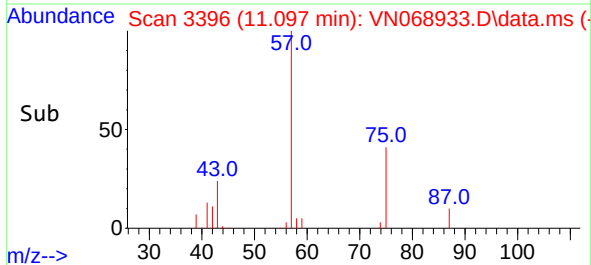
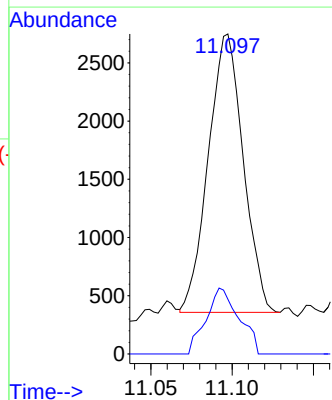
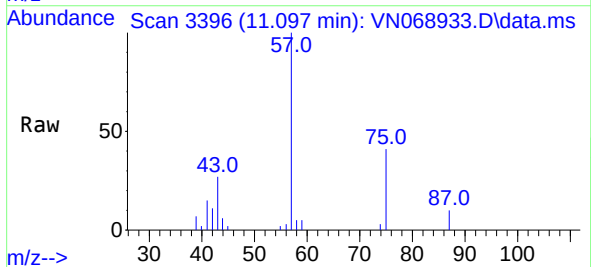
Instrument :
MSVOA_N
ClientSampled :

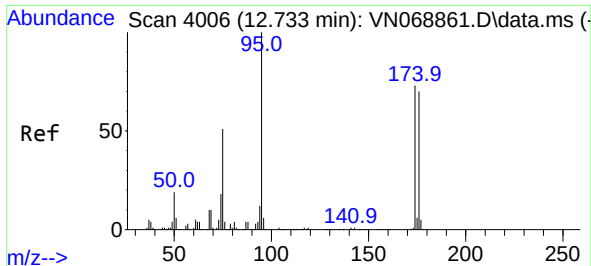
Tgt Ion: 98 Resp: 792992
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#59
2-Hexanone
Concen: 0.844 ug/l
RT: 11.097 min Scan# 3396
Delta R.T. 0.011 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

Tgt Ion: 43 Resp: 3577
Ion Ratio Lower Upper
43 100
58 22.3 26.9 80.7#

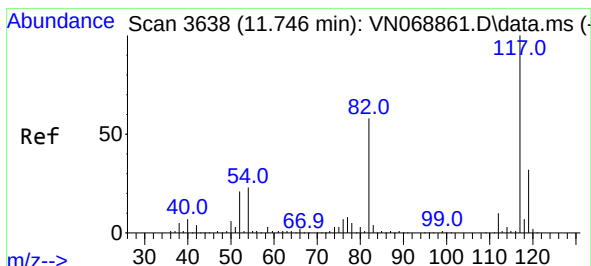
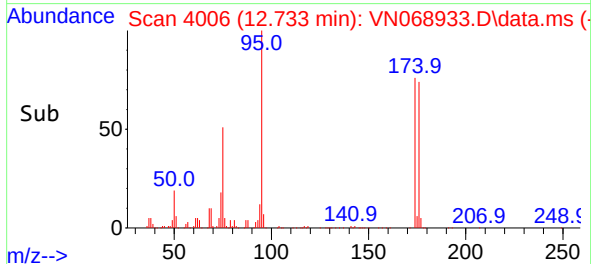
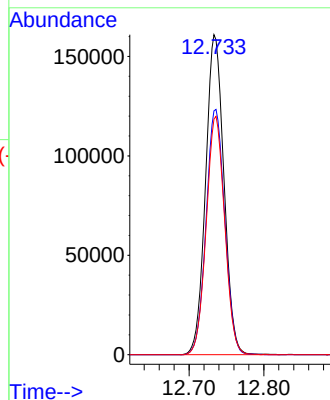
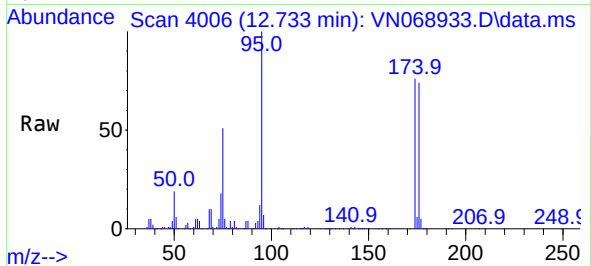




#62
4-Bromofluorobenzene
Concen: 47.635 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

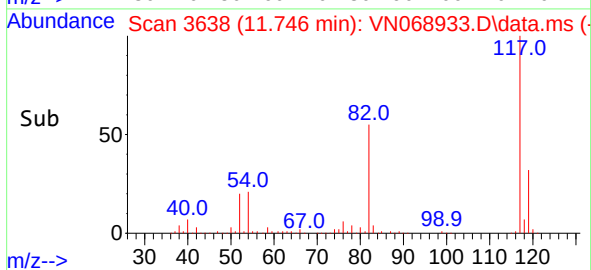
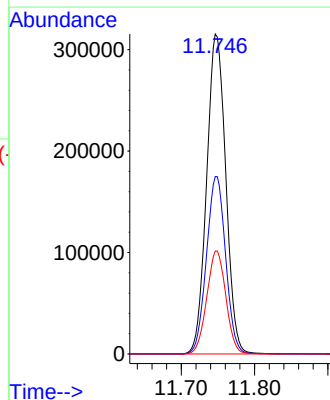
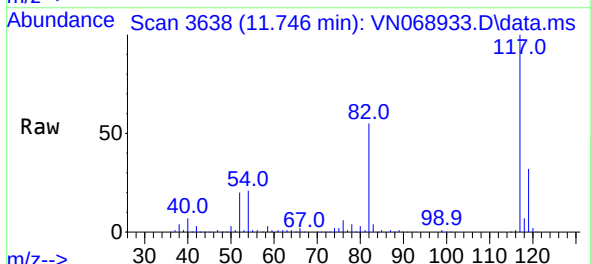
Instrument :
MSVOA_N
ClientSampleId :

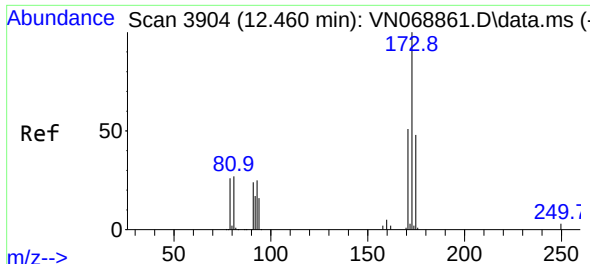
Tgt Ion: 95 Resp: 274048
Ion Ratio Lower Upper
95 100
174 78.1 0.0 144.8
176 75.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

Tgt Ion: 117 Resp: 571667
Ion Ratio Lower Upper
117 100
82 55.4 46.4 69.6
119 32.1 26.0 39.0

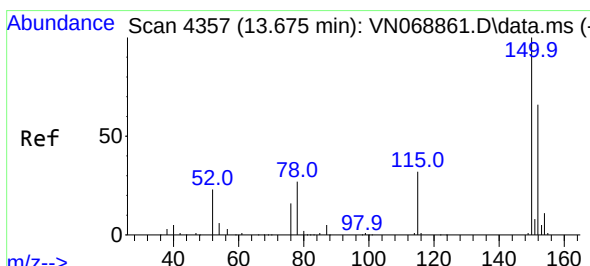
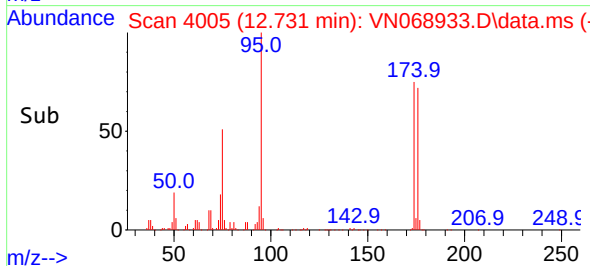
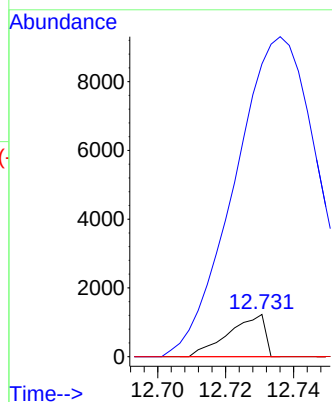
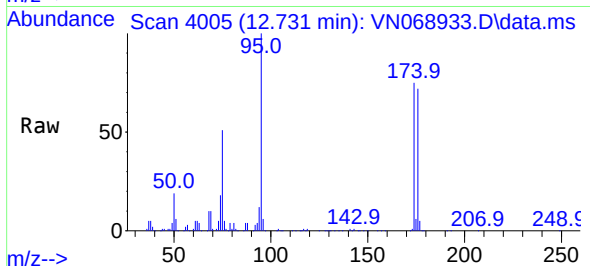




#71
Bromoform
Concen: 0.268 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.271 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

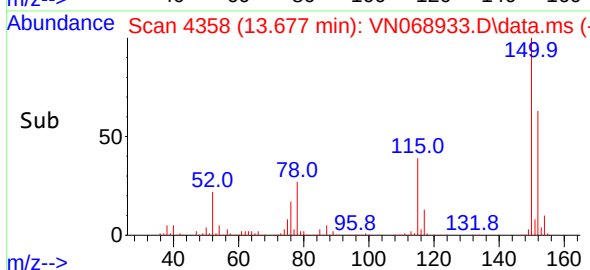
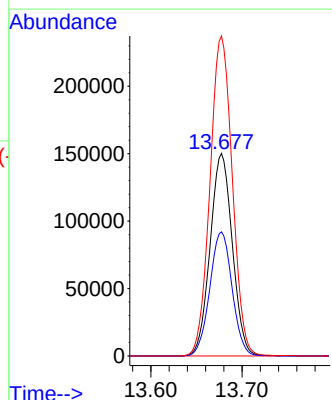
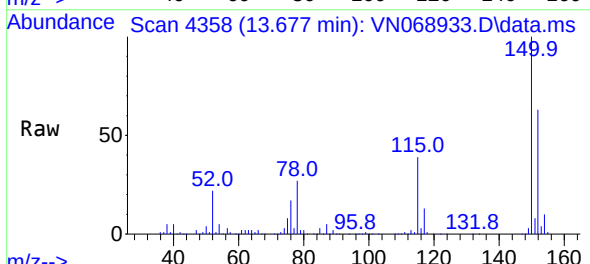
Instrument :
MSVOA_N
ClientSampled :

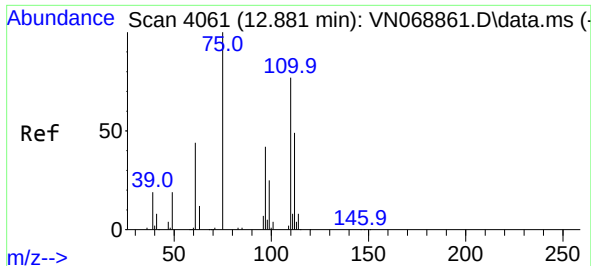
Tgt Ion:173 Resp: 909
Ion Ratio Lower Upper
173 100
175 1634.3 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

Tgt Ion:152 Resp: 254138
Ion Ratio Lower Upper
152 100
115 61.6 31.4 94.3
150 158.5 0.0 351.0

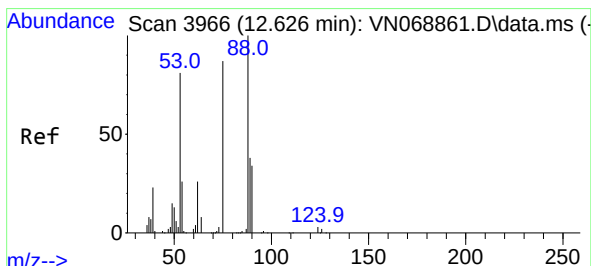
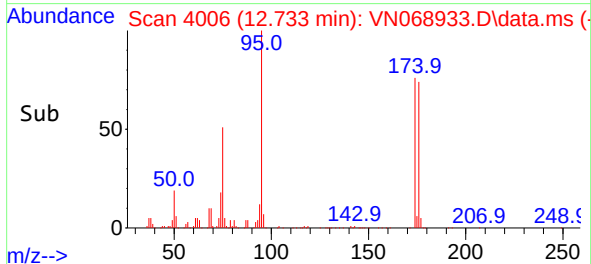
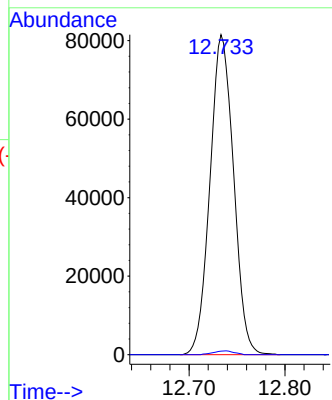
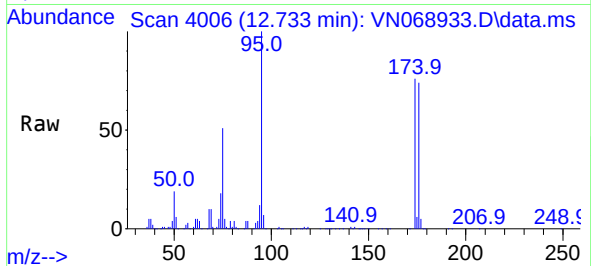




#76
1,2,3-Trichloropropane
Concen: 25.742 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

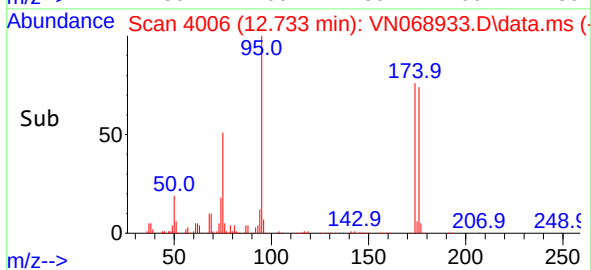
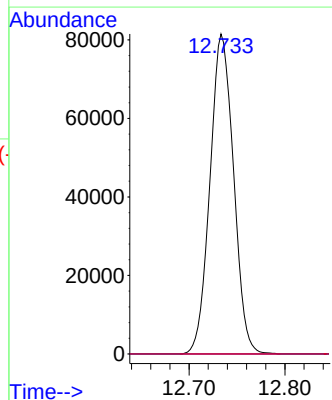
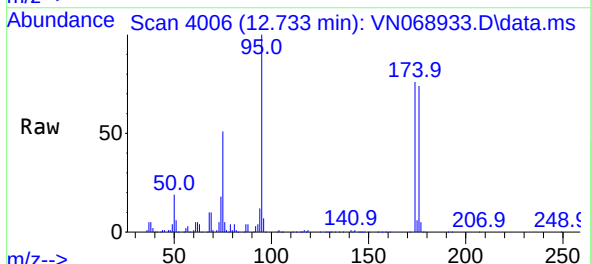
Instrument :
MSVOA_N
ClientSampled :

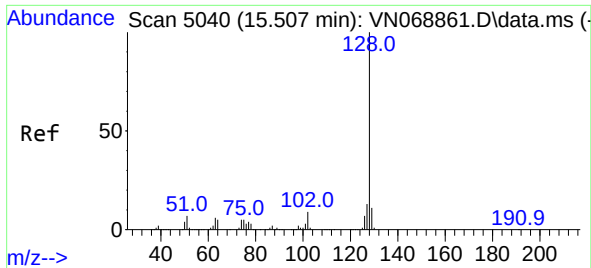
Tgt Ion: 75 Resp: 139195
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.586 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

Tgt Ion: 75 Resp: 139195
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 4.147 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068933.D
Acq: 14 Oct 2021 18:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 4279
Ion Ratio Lower Upper
128 100
127 10.4 10.5 15.7#
129 5.6 8.9 13.3#

