

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068923.D
 Acq On : 14 Oct 2021 14:35
 Operator : JC/MD
 Sample : M4192-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-4

Quant Time: Oct 14 22:45:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

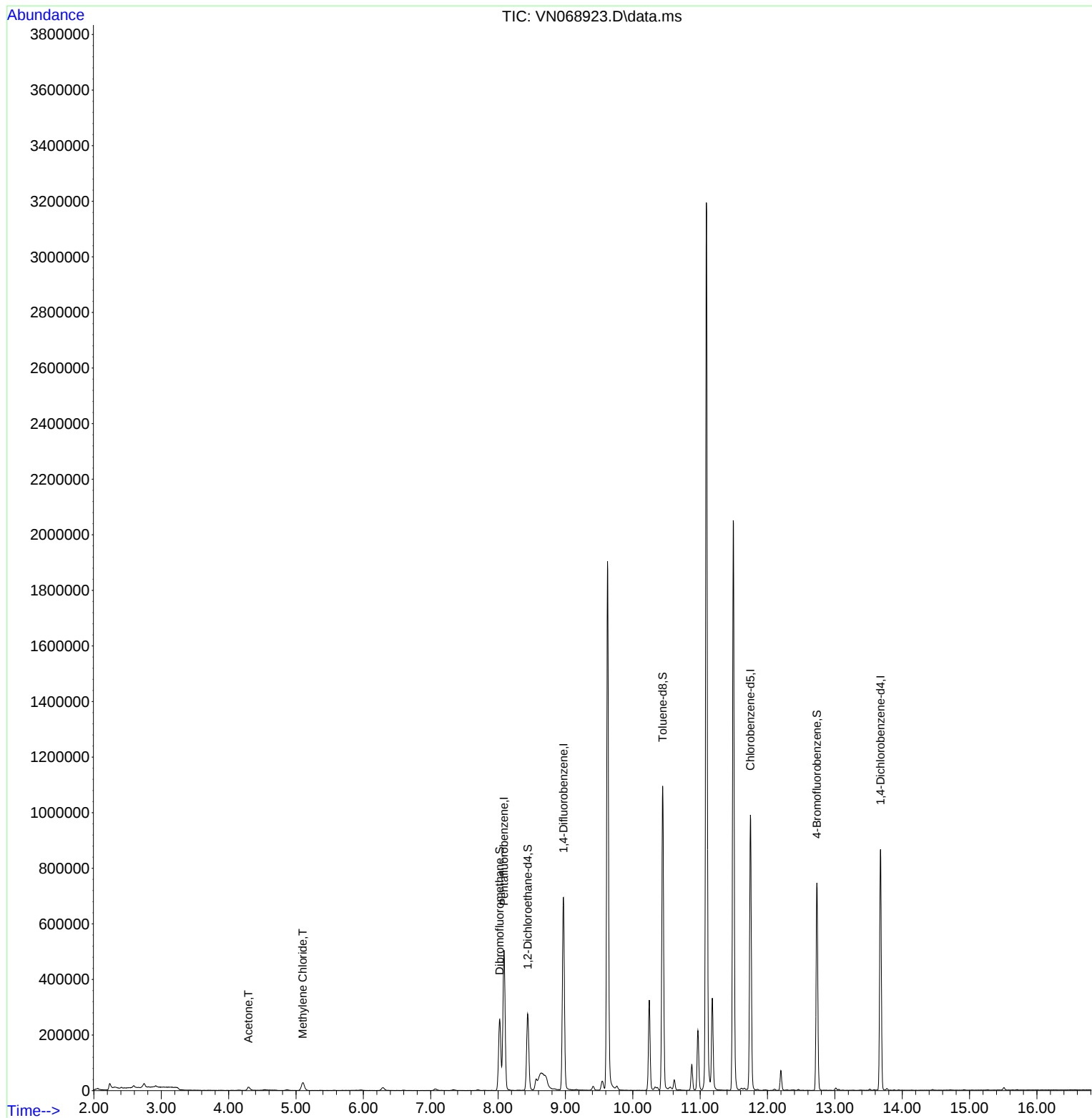
Internal Standards						
1) Pentafluorobenzene	8.088	168	392456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	639115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	592426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	235761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	231592	44.757	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.520%		
35) Dibromofluoromethane	8.024	113	191060	51.382	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.760%		
50) Toluene-d8	10.443	98	779081	52.364	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.720%		
62) 4-Bromofluorobenzene	12.733	95	269212	47.960	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.920%		
Target Compounds						Qvalue
16) Acetone	4.293	43	21182	10.970	ug/l	99
20) Methylene Chloride	5.098	84	23925	5.383	ug/l	95

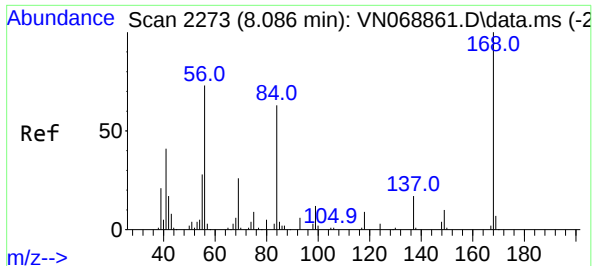
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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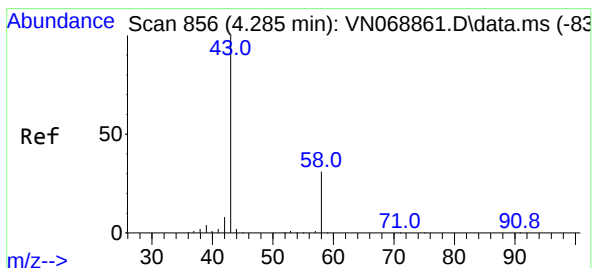
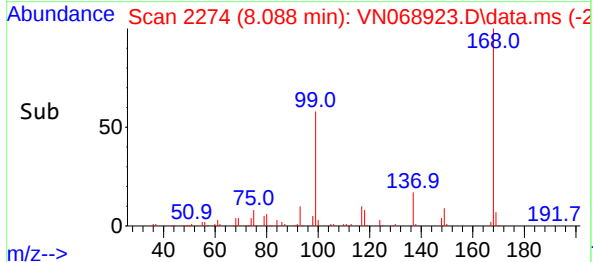
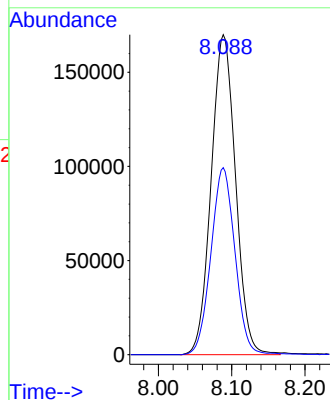
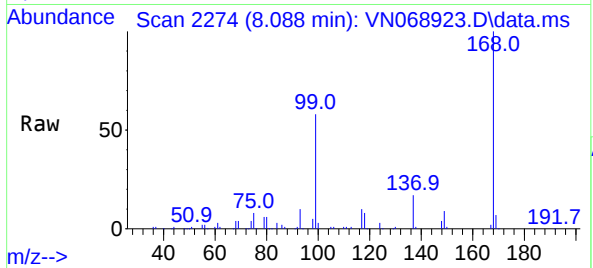




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068923.D
Acq: 14 Oct 2021 14:35

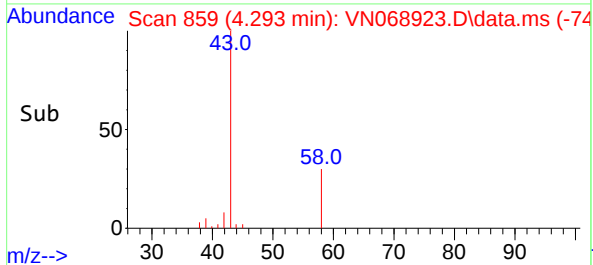
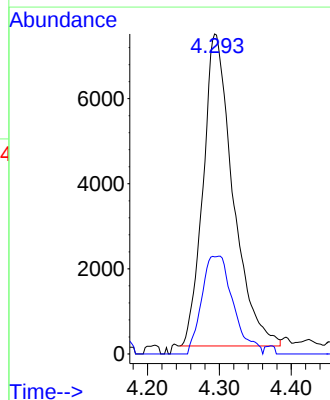
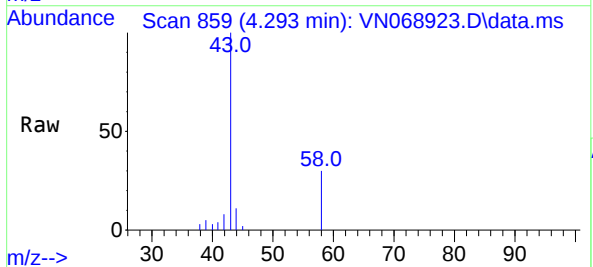
Instrument :
MSVOA_N
ClientSampled :
HAR-4

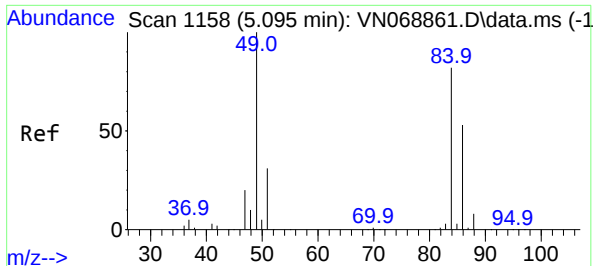
Tgt Ion:168 Resp: 392456
Ion Ratio Lower Upper
168 100
99 58.5 48.9 73.3



#16
Acetone
Concen: 10.970 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN068923.D
Acq: 14 Oct 2021 14:35

Tgt Ion: 43 Resp: 21182
Ion Ratio Lower Upper
43 100
58 31.1 24.5 36.7



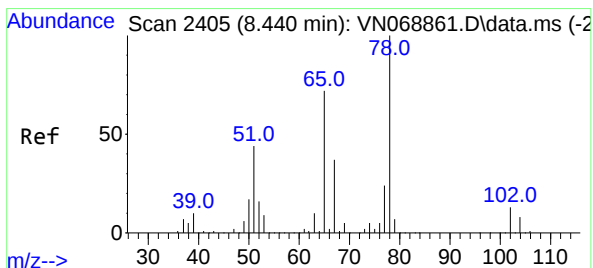
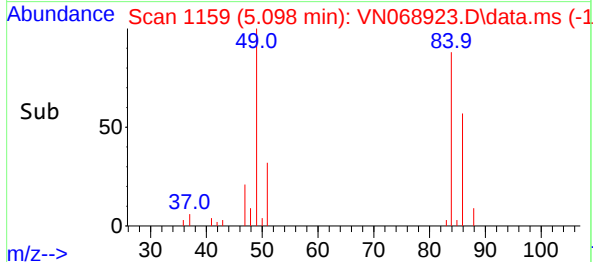
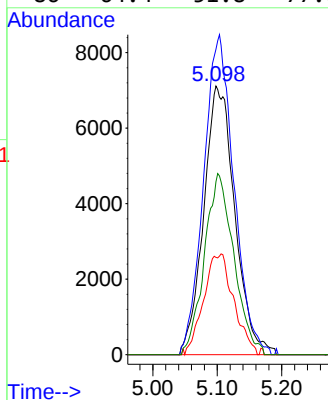
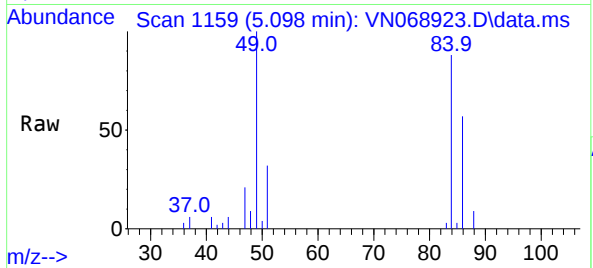


#20
Methylene Chloride
Concen: 5.383 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN068923.D
Acq: 14 Oct 2021 14:35

Instrument :
MSVOA_N
ClientSampled :
HAR-4

Tgt Ion: 84 Resp: 23925

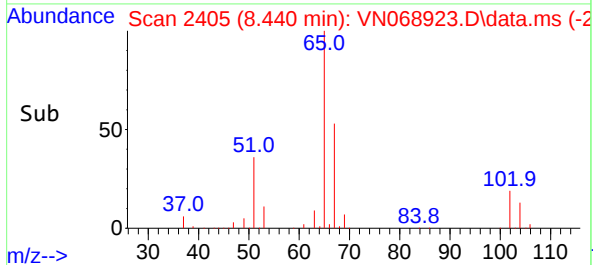
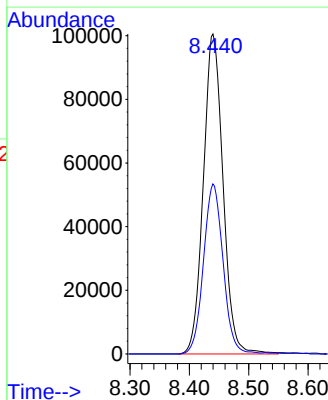
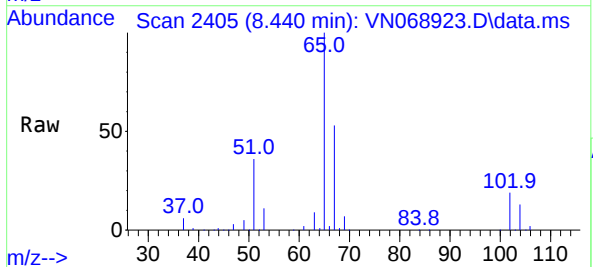
Ion	Ratio	Lower	Upper
84	100		
49	113.7	97.6	146.4
51	36.2	30.3	45.5
86	64.4	51.8	77.6

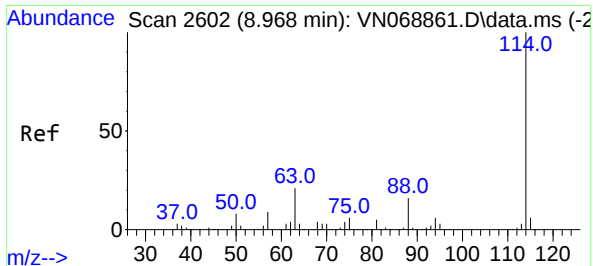


#33
1,2-Dichloroethane-d4
Concen: 44.757 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068923.D
Acq: 14 Oct 2021 14:35

Tgt Ion: 65 Resp: 231592

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	103.8

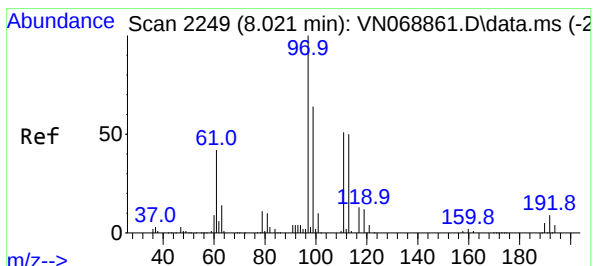
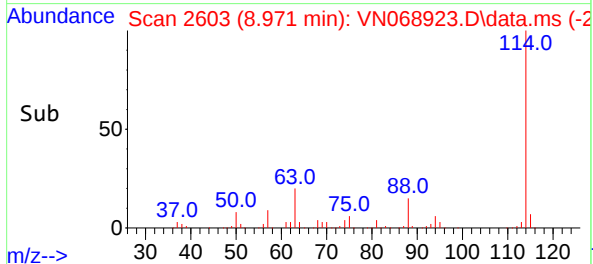
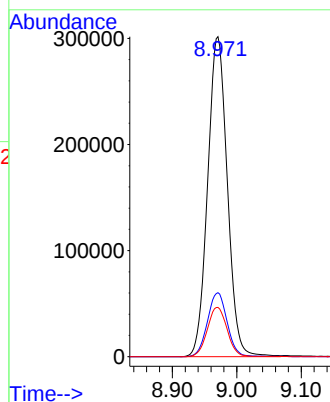
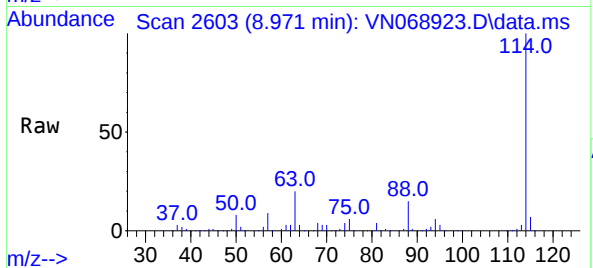




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068923.D
Acq: 14 Oct 2021 14:35

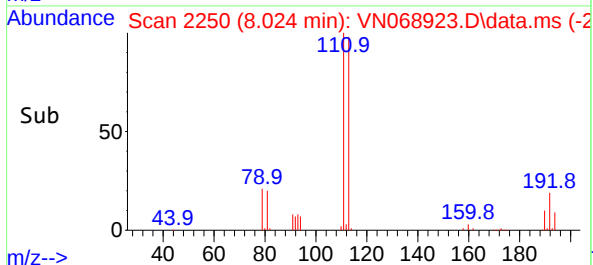
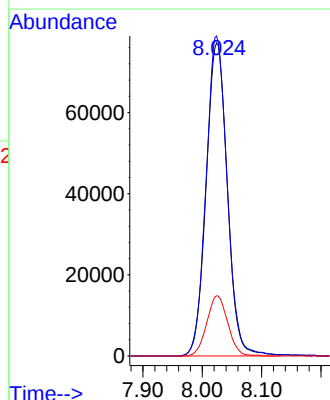
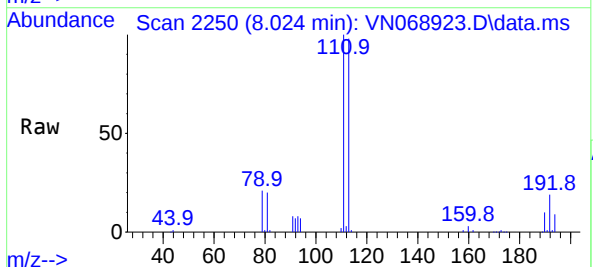
Instrument :
MSVOA_N
ClientSampled :
HAR-4

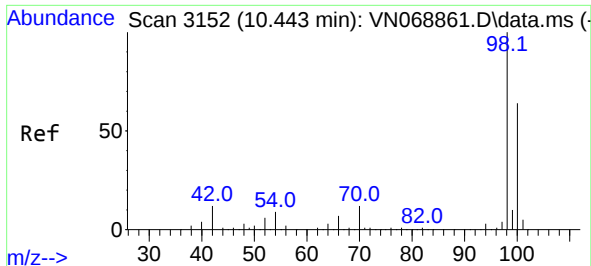
Tgt Ion:114 Resp: 639115
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.6
88 15.4 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.382 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068923.D
Acq: 14 Oct 2021 14:35

Tgt Ion:113 Resp: 191060
Ion Ratio Lower Upper
113 100
111 102.2 83.2 124.8
192 19.0 15.0 22.4

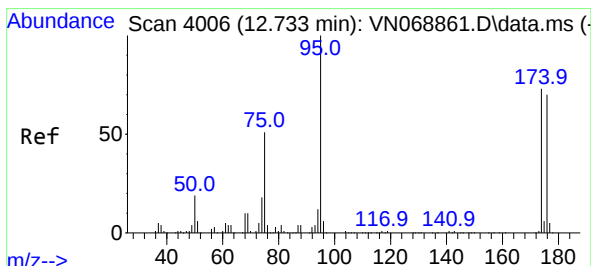
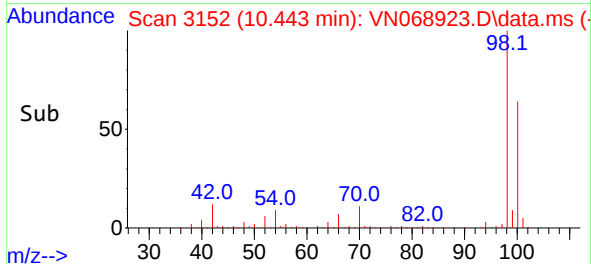
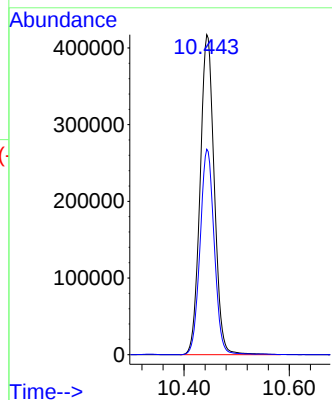
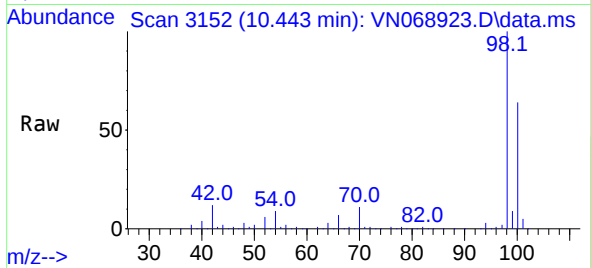




#50
Toluene-d8
Concen: 52.364 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068923.D
Acq: 14 Oct 2021 14:35

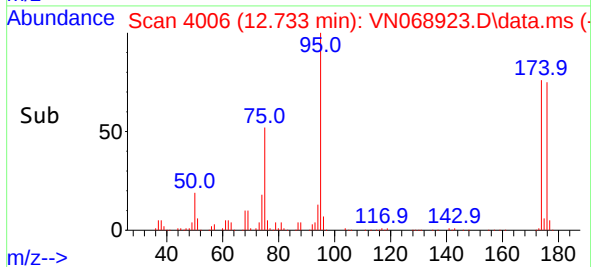
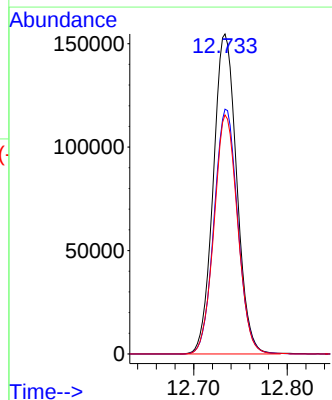
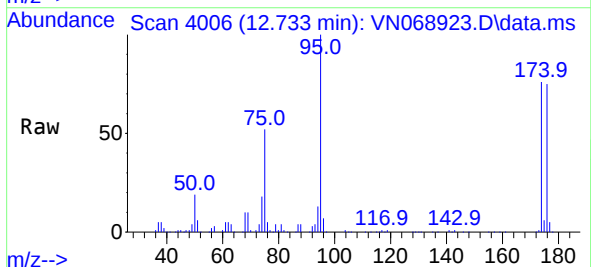
Instrument :
MSVOA_N
ClientSampled :
HAR-4

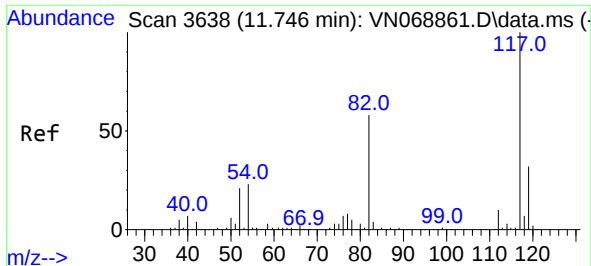
Tgt Ion: 98 Resp: 779081
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.960 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068923.D
Acq: 14 Oct 2021 14:35

Tgt Ion: 95 Resp: 269212
Ion Ratio Lower Upper
95 100
174 77.2 0.0 144.8
176 75.1 0.0 140.0

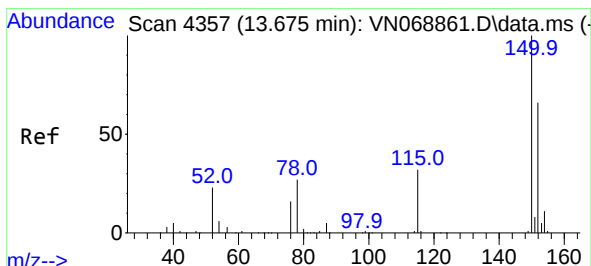
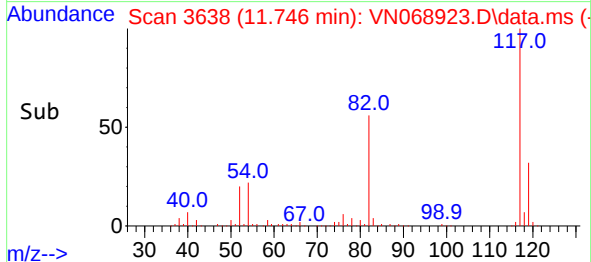
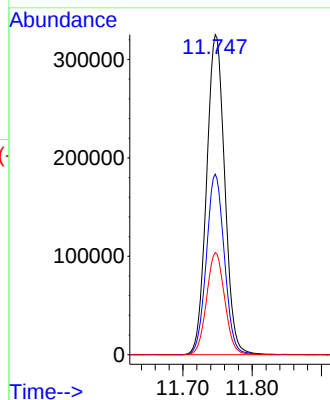
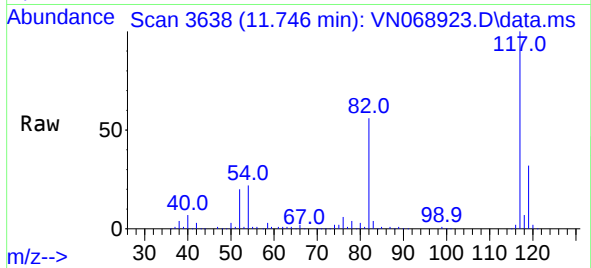




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068923.D
Acq: 14 Oct 2021 14:35

Instrument :
MSVOA_N
ClientSampled :
HAR-4

Tgt Ion:117 Resp: 592426
Ion Ratio Lower Upper
117 100
82 56.4 46.4 69.6
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068923.D
Acq: 14 Oct 2021 14:35

Tgt Ion:152 Resp: 235761
Ion Ratio Lower Upper
152 100
115 61.9 31.4 94.3
150 156.9 0.0 351.0

