

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068922.D
 Acq On : 14 Oct 2021 14:10
 Operator : JC/MD
 Sample : M4192-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-1

Quant Time: Oct 14 22:45:03 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)

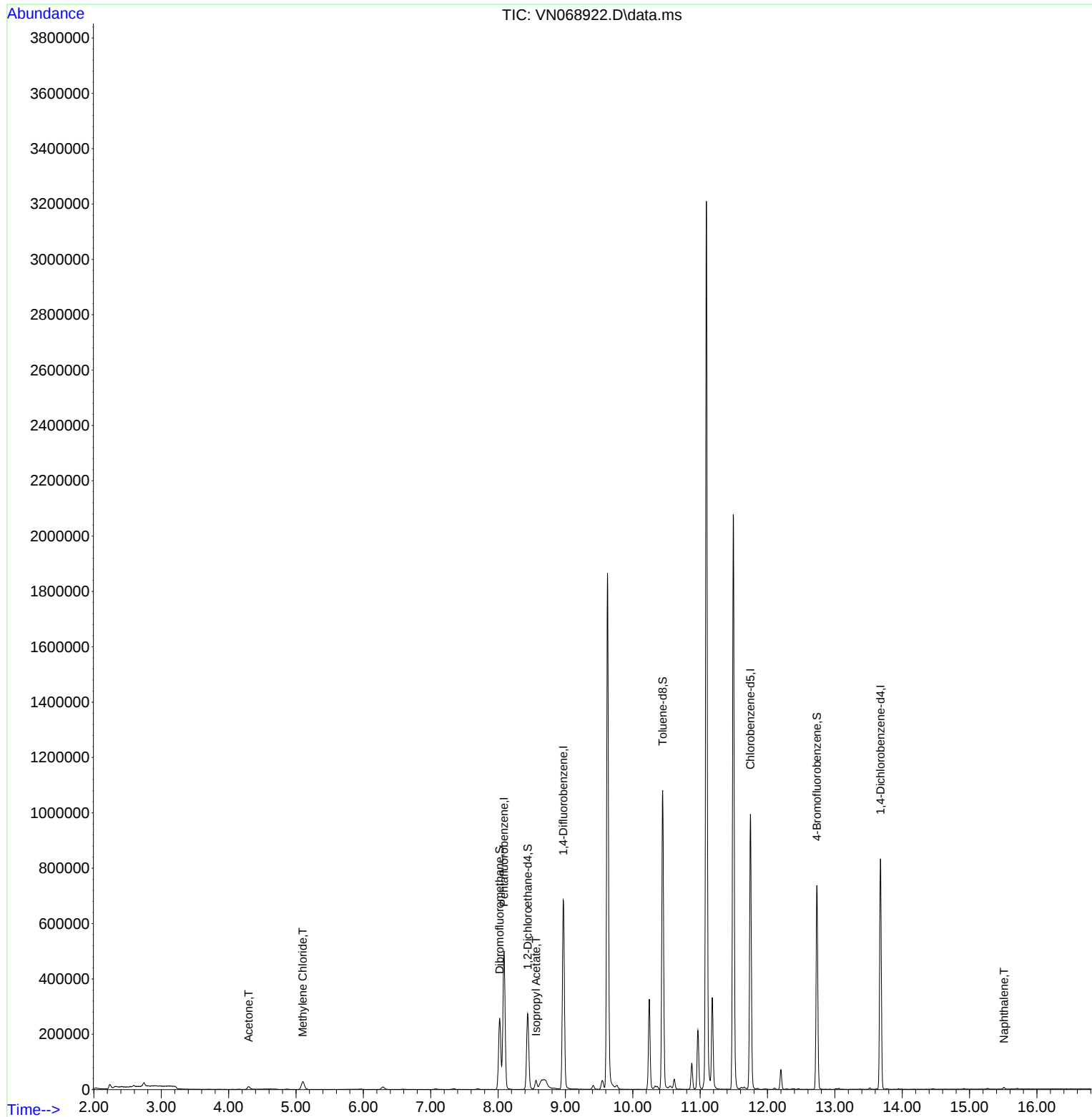
Internal Standards						
1) Pentafluorobenzene	8.088	168	390823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	633478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	584771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	230788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	229723	44.582	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.160%		
35) Dibromofluoromethane	8.024	113	188809	51.228	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.460%		
50) Toluene-d8	10.443	98	772341	52.373	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.740%		
62) 4-Bromofluorobenzene	12.733	95	266621	47.921	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.840%		
Target Compounds					Qvalue	
16) Acetone	4.296	43	19927	10.363	ug/l	95
20) Methylene Chloride	5.101	84	23680	5.350	ug/l	88
43) Isopropyl Acetate	8.563	43	39067	3.962	ug/l #	90
95) Naphthalene	15.509	128	6453	4.368	ug/l	99

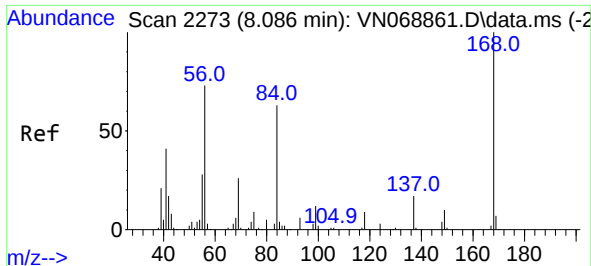
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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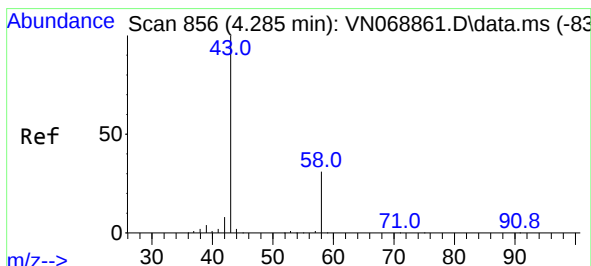
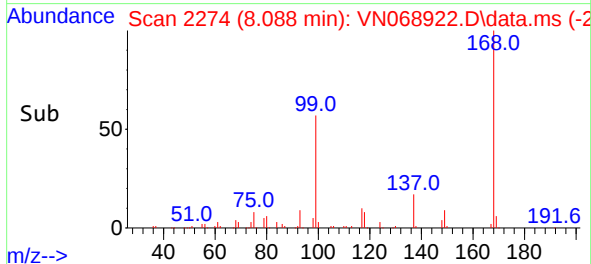
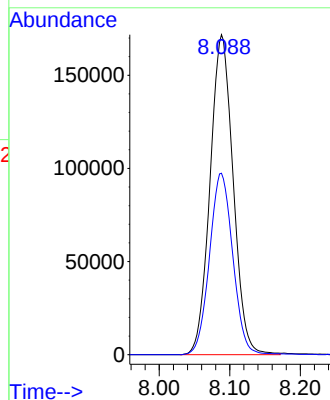
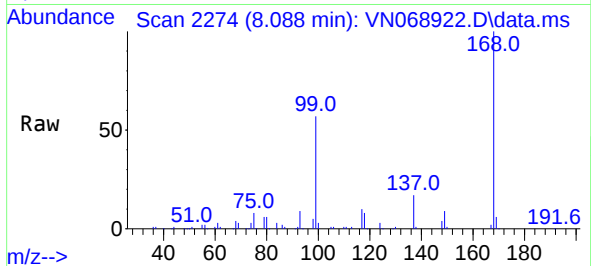




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068922.D
Acq: 14 Oct 2021 14:10

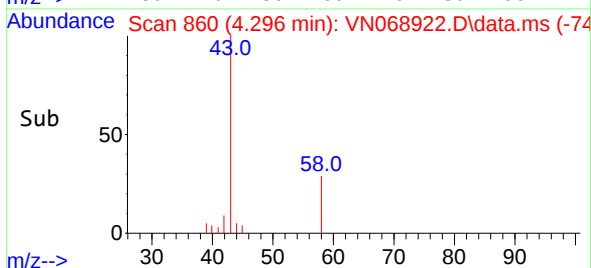
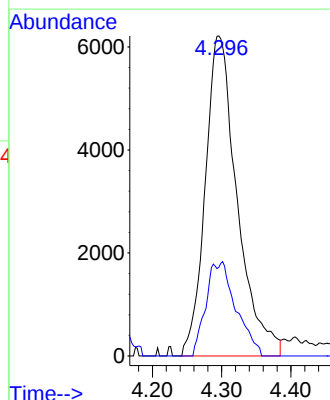
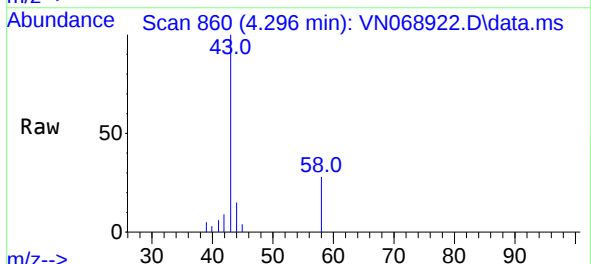
Instrument :
MSVOA_N
ClientSampled :
HAR-1

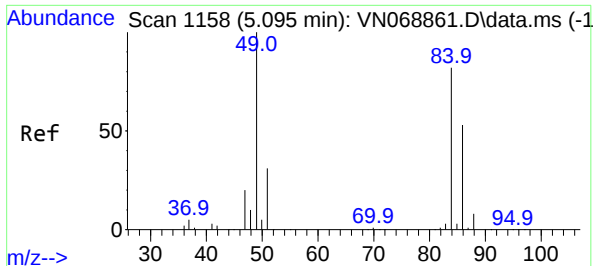
Tgt Ion:168 Resp: 390823
Ion Ratio Lower Upper
168 100
99 56.7 48.9 73.3



#16
Acetone
Concen: 10.363 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN068922.D
Acq: 14 Oct 2021 14:10

Tgt Ion: 43 Resp: 19927
Ion Ratio Lower Upper
43 100
58 27.8 24.5 36.7



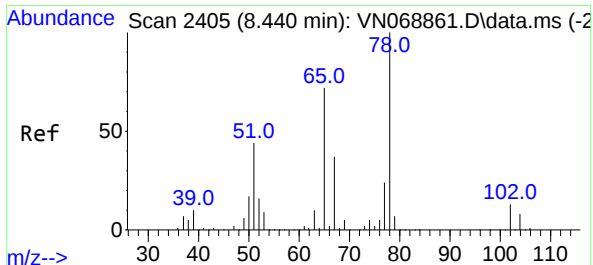
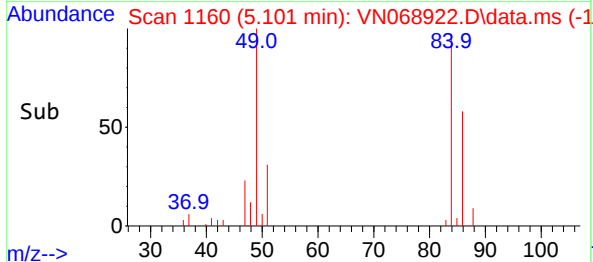
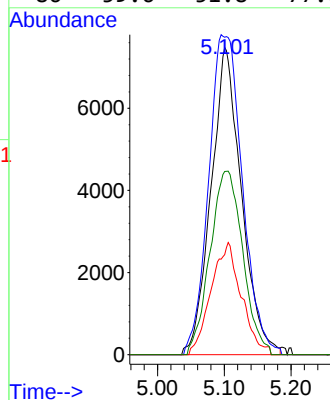
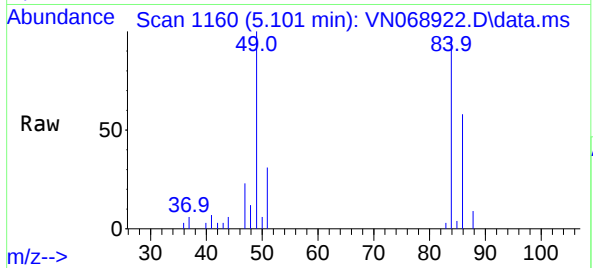


#20
Methylene Chloride
Concen: 5.350 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.005 min
Lab File: VN068922.D
Acq: 14 Oct 2021 14:10

Instrument :
MSVOA_N
ClientSampled :
HAR-1

Tgt Ion: 84 Resp: 23680

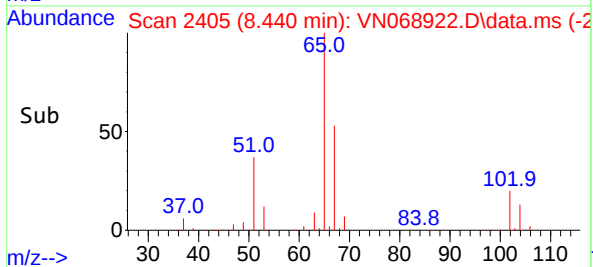
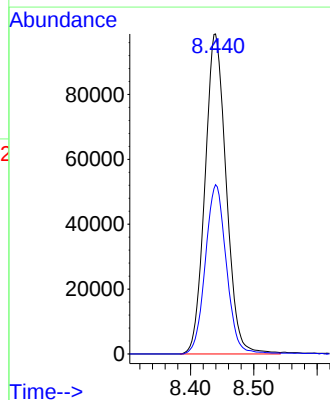
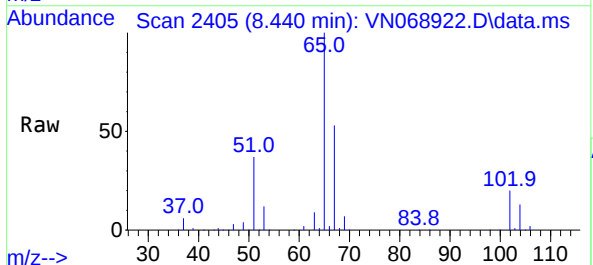
Ion	Ratio	Lower	Upper
84	100		
49	103.3	97.6	146.4
51	32.5	30.3	45.5
86	59.6	51.8	77.6

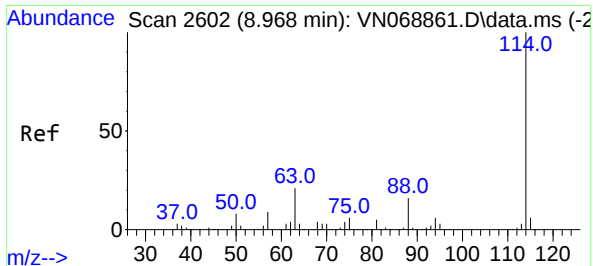


#33
1,2-Dichloroethane-d4
Concen: 44.582 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068922.D
Acq: 14 Oct 2021 14:10

Tgt Ion: 65 Resp: 229723

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.8

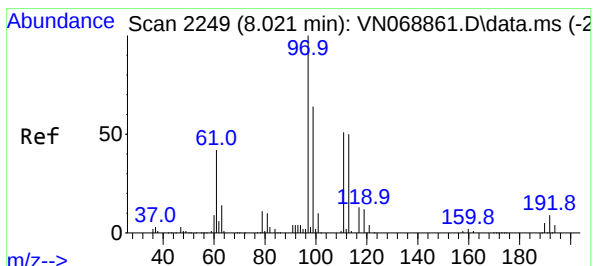
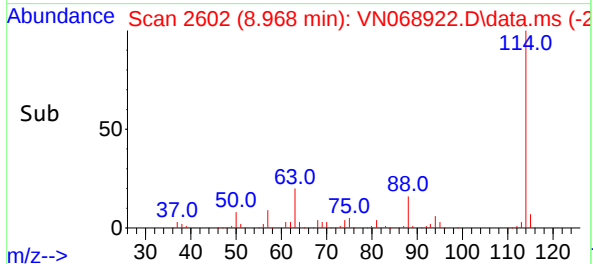
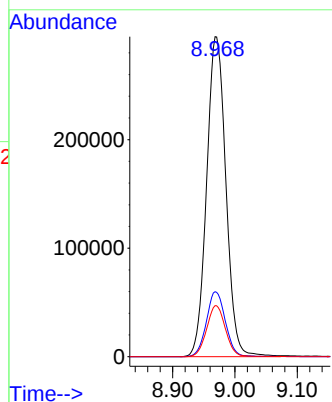
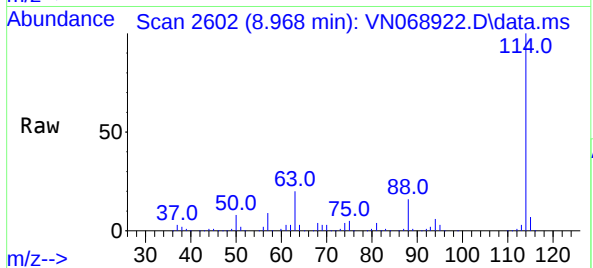




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068922.D
Acq: 14 Oct 2021 14:10

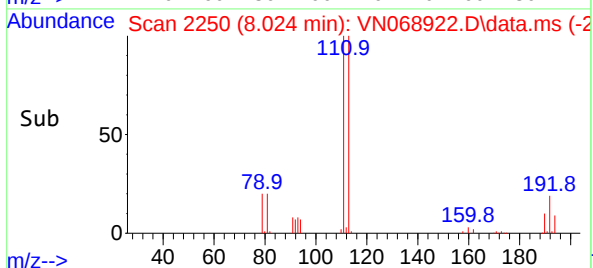
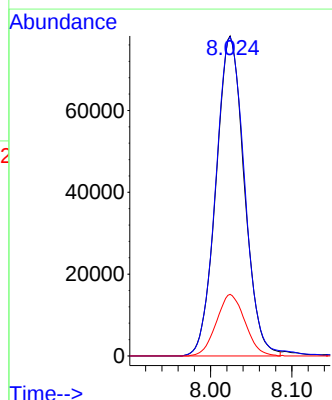
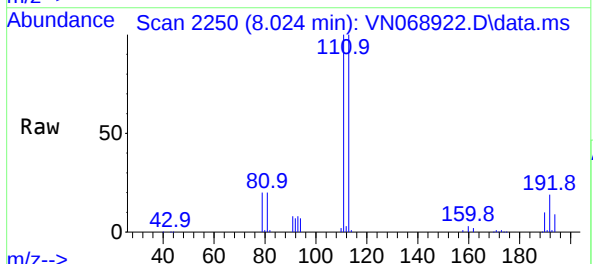
Instrument :
MSVOA_N
ClientSampled :
HAR-1

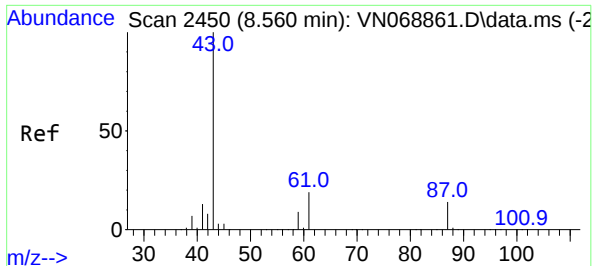
Tgt Ion:114 Resp: 633478
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.6
88 15.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.228 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068922.D
Acq: 14 Oct 2021 14:10

Tgt Ion:113 Resp: 188809
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 19.5 15.0 22.4

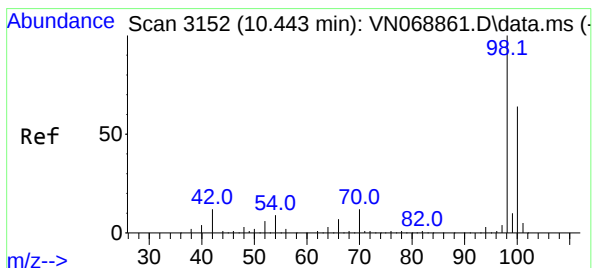
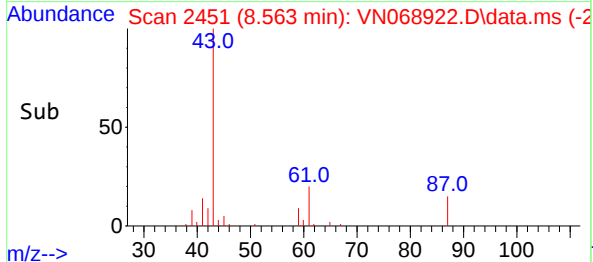
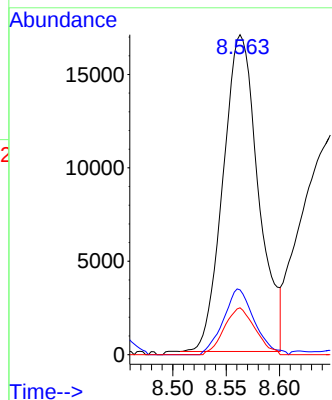
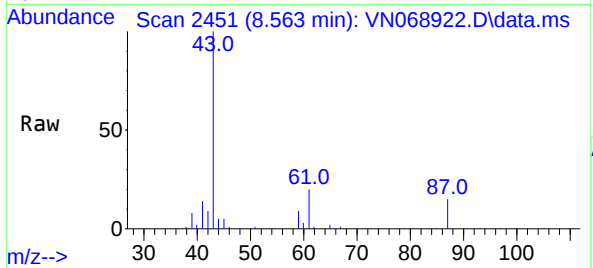




#43
Isopropyl Acetate
Concen: 3.962 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068922.D
Acq: 14 Oct 2021 14:10

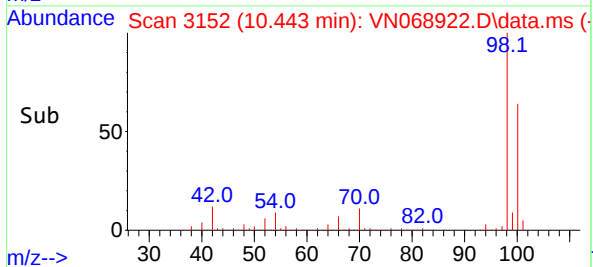
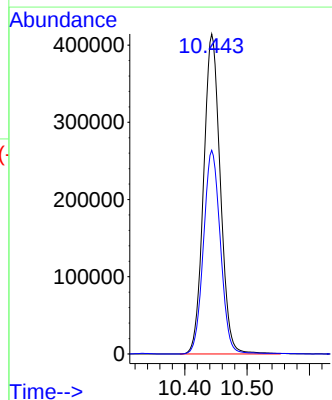
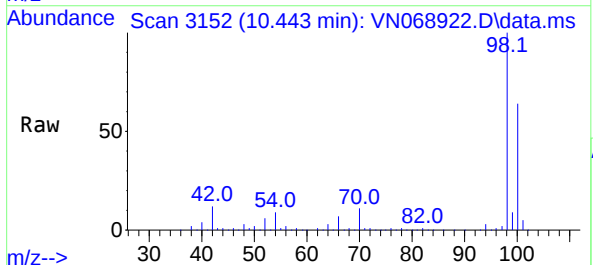
Instrument :
MSVOA_N
ClientSampled :
HAR-1

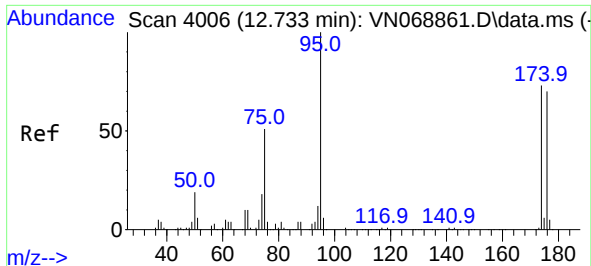
Tgt Ion: 43 Resp: 39067
Ion Ratio Lower Upper
43 100
61 18.2 20.4 30.6#
87 12.9 10.7 16.1



#50
Toluene-d8
Concen: 52.373 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068922.D
Acq: 14 Oct 2021 14:10

Tgt Ion: 98 Resp: 772341
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

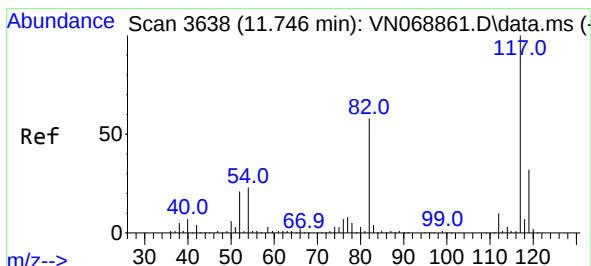
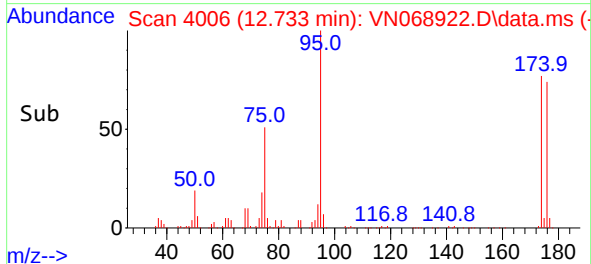
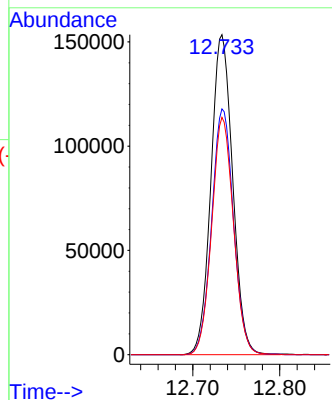
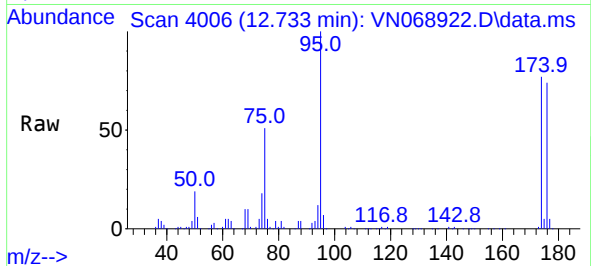




#62
4-Bromofluorobenzene
Concen: 47.921 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068922.D
Acq: 14 Oct 2021 14:10

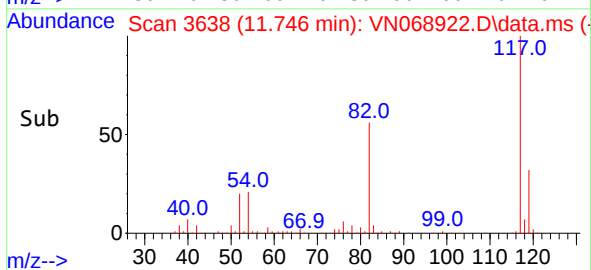
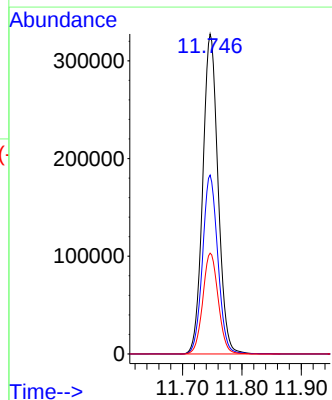
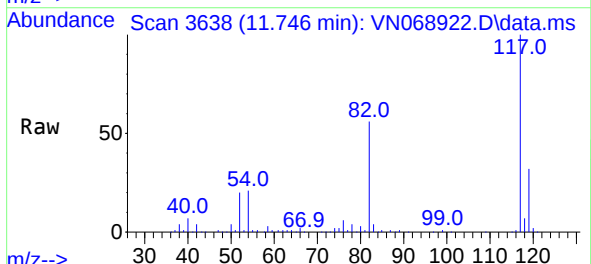
Instrument :
MSVOA_N
ClientSampled :
HAR-1

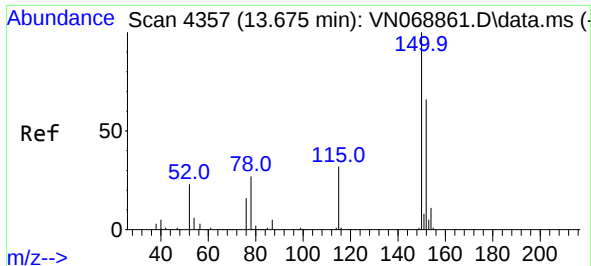
Tgt Ion: 95 Resp: 266621
Ion Ratio Lower Upper
95 100
174 77.3 0.0 144.8
176 74.2 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068922.D
Acq: 14 Oct 2021 14:10

Tgt Ion: 117 Resp: 584771
Ion Ratio Lower Upper
117 100
82 55.9 46.4 69.6
119 31.5 26.0 39.0

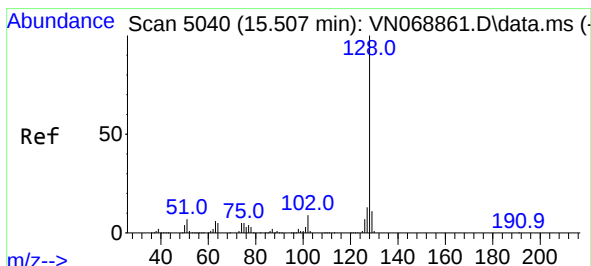
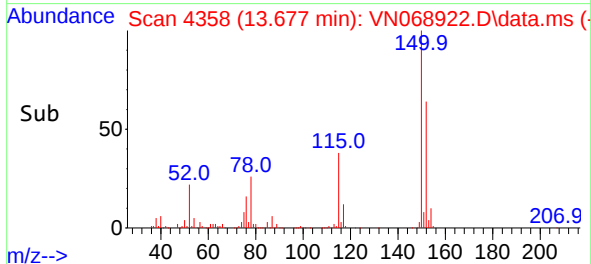
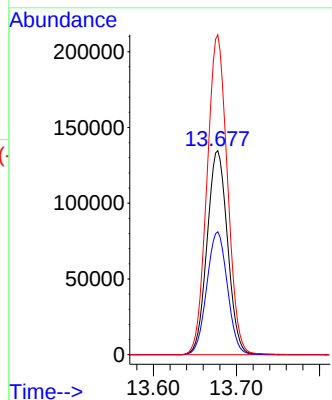
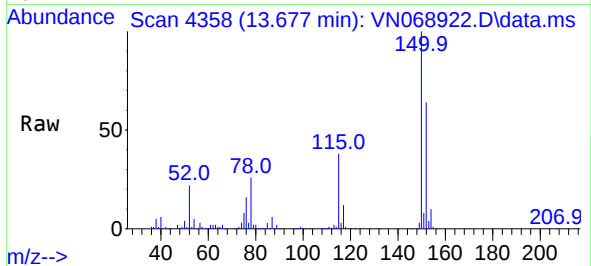




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068922.D
Acq: 14 Oct 2021 14:10

Instrument :
MSVOA_N
ClientSampleId :
HAR-1

Tgt Ion:152 Resp: 230788
Ion Ratio Lower Upper
152 100
115 60.7 31.4 94.3
150 156.2 0.0 351.0



#95
Naphthalene
Concen: 4.368 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068922.D
Acq: 14 Oct 2021 14:10

Tgt Ion:128 Resp: 6453
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 11.5 8.9 13.3

