

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068928.D
 Acq On : 14 Oct 2021 16:41
 Operator : JC/MD
 Sample : M4192-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-14

Quant Time: Oct 14 22:47:21 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)

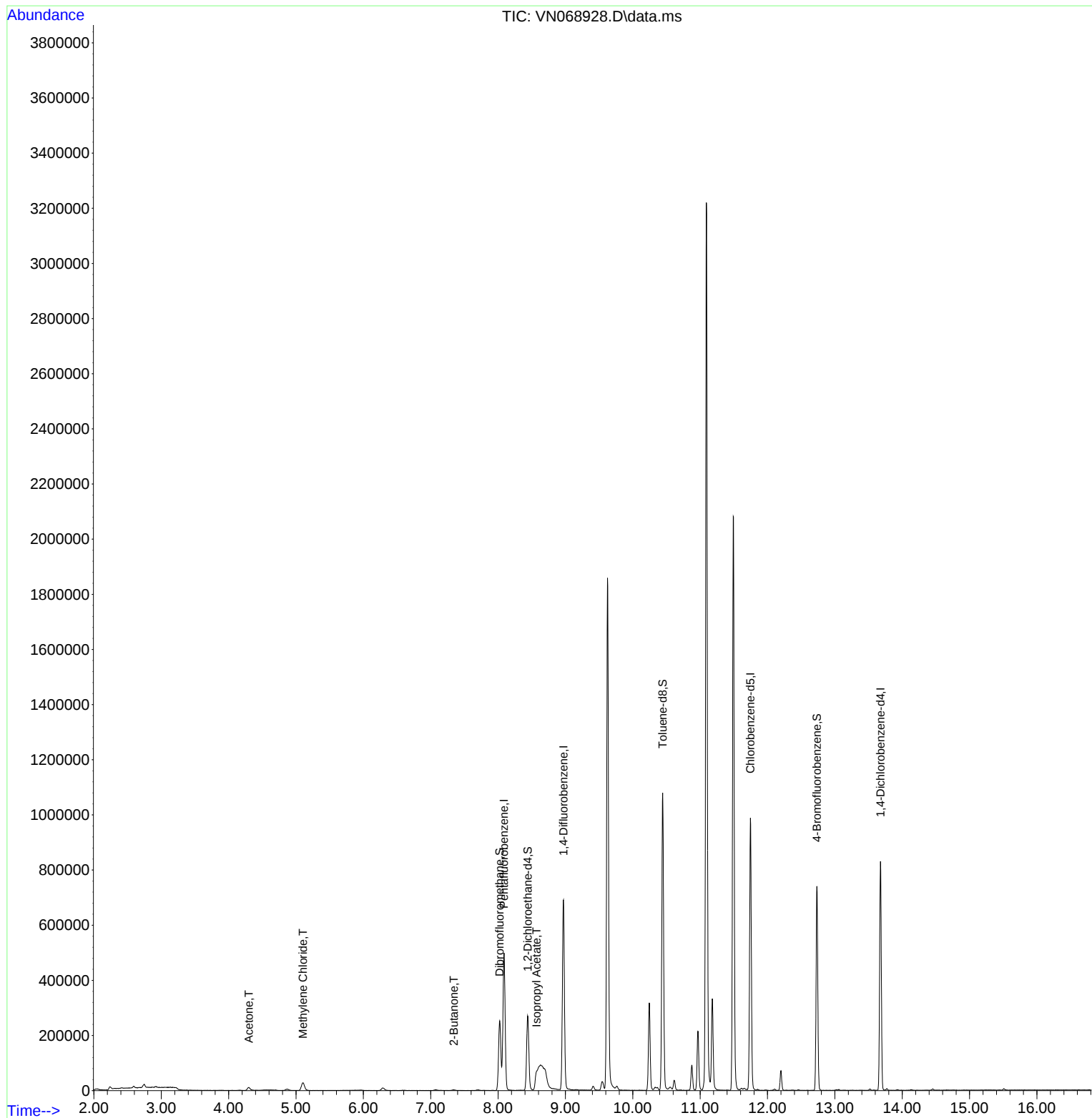
Internal Standards						
1) Pentafluorobenzene	8.088	168	383766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	628063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	584787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	228750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	228920	45.243	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.480%
35) Dibromofluoromethane	8.024	113	189010	51.725	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.460%
50) Toluene-d8	10.443	98	769981	52.664	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.320%
62) 4-Bromofluorobenzene	12.733	95	263079	47.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.380%
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	21745	11.516	ug/l	98
20) Methylene Chloride	5.103	84	23970	5.515	ug/l	94
25) 2-Butanone	7.343	43	4969	1.740	ug/l	99
43) Isopropyl Acetate	8.571	43	59480	6.084	ug/l #	81

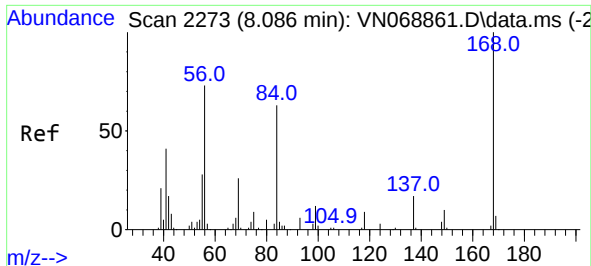
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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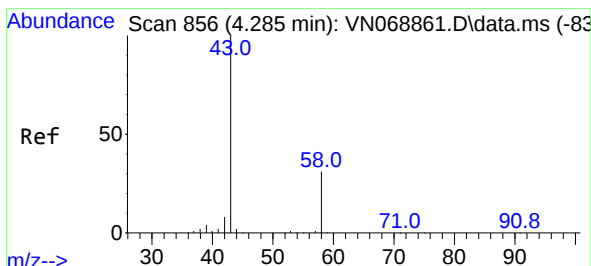
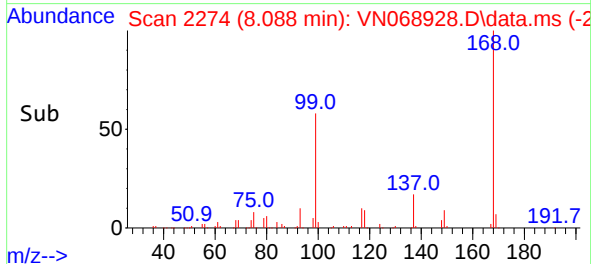
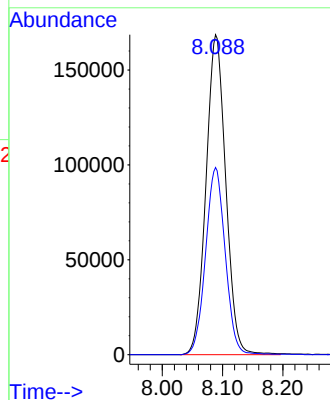
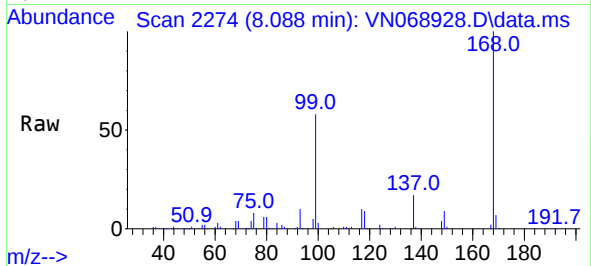




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068928.D
Acq: 14 Oct 2021 16:41

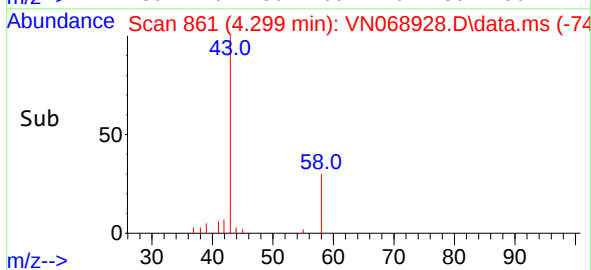
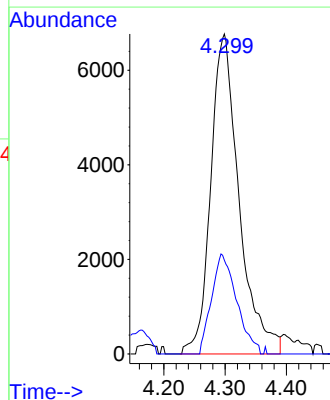
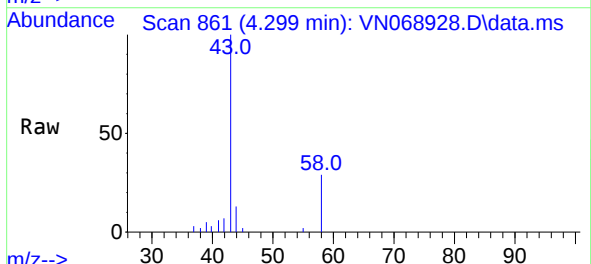
Instrument :
MSVOA_N
ClientSampled :
HAR-14

Tgt Ion:168 Resp: 383766
Ion Ratio Lower Upper
168 100
99 58.5 48.9 73.3



#16
Acetone
Concen: 11.516 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.013 min
Lab File: VN068928.D
Acq: 14 Oct 2021 16:41

Tgt Ion: 43 Resp: 21745
Ion Ratio Lower Upper
43 100
58 29.3 24.5 36.7



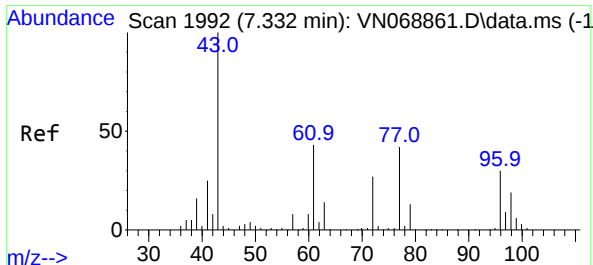
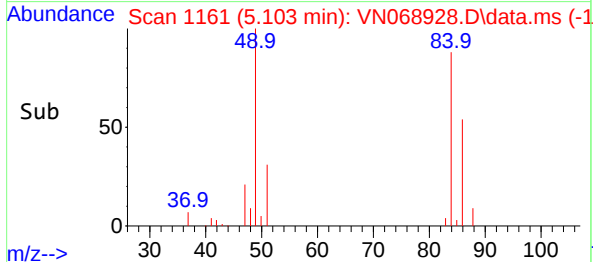
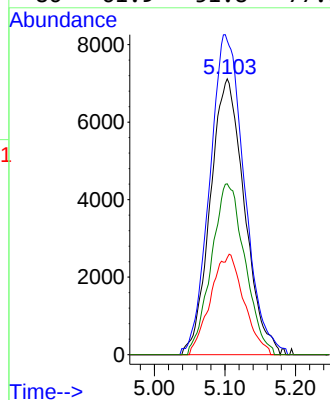
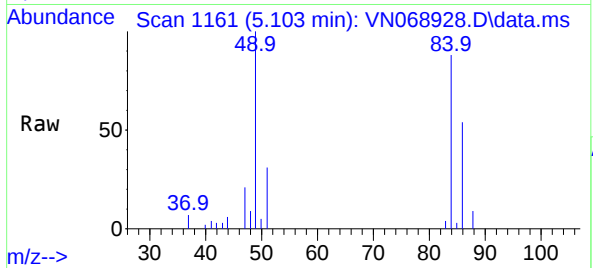


#20
Methylene Chloride
Concen: 5.515 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.008 min
Lab File: VN068928.D
Acq: 14 Oct 2021 16:41

Instrument :
MSVOA_N
ClientSampled :
HAR-14

Tgt Ion: 84 Resp: 23970

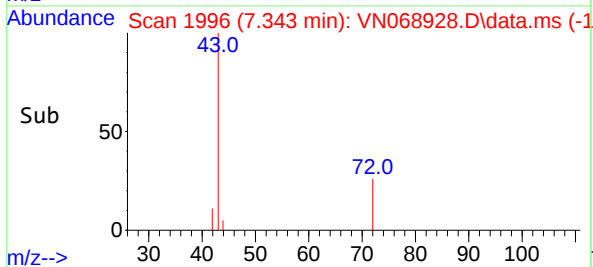
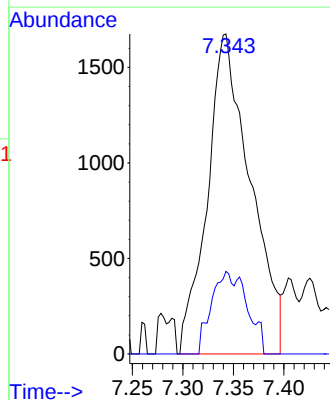
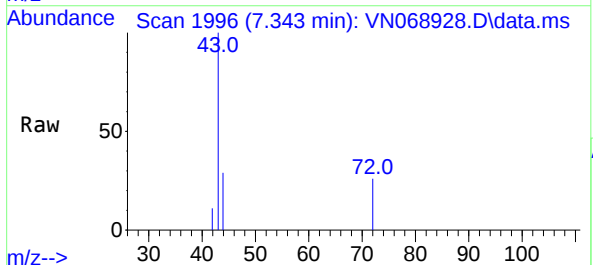
Ion	Ratio	Lower	Upper
84	100		
49	113.8	97.6	146.4
51	35.2	30.3	45.5
86	61.9	51.8	77.6

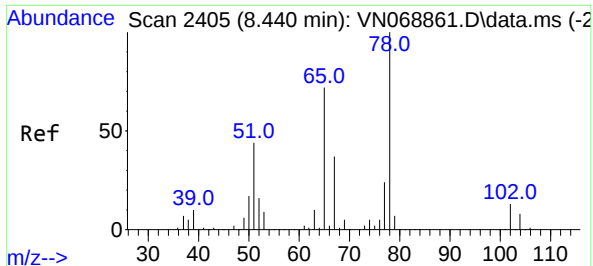


#25
2-Butanone
Concen: 1.740 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.011 min
Lab File: VN068928.D
Acq: 14 Oct 2021 16:41

Tgt Ion: 43 Resp: 4969

Ion	Ratio	Lower	Upper
43	100		
72	25.8	21.2	31.8



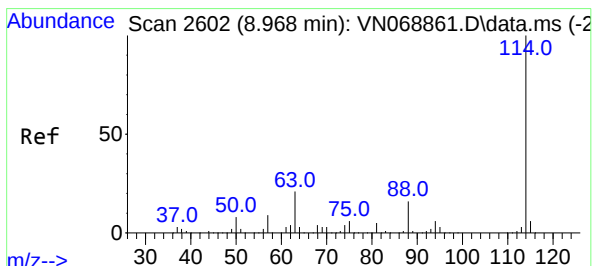
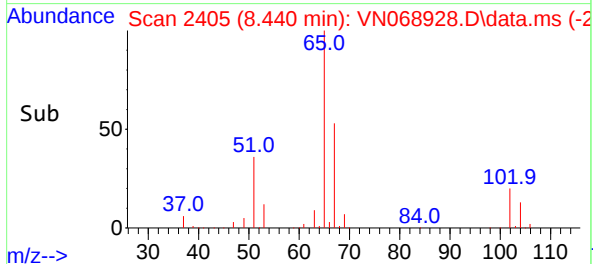
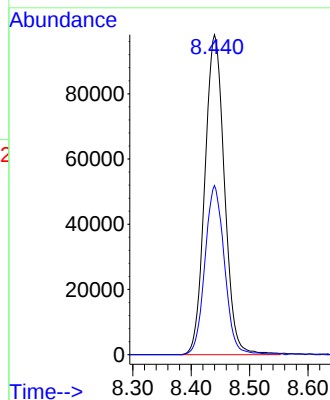
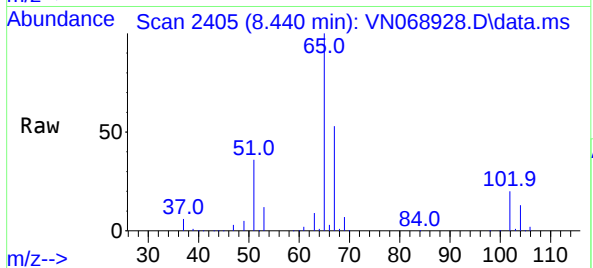


#33

1,2-Dichloroethane-d4
Concen: 45.243 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068928.D
Acq: 14 Oct 2021 16:41

Instrument :
MSVOA_N
ClientSampled :
HAR-14

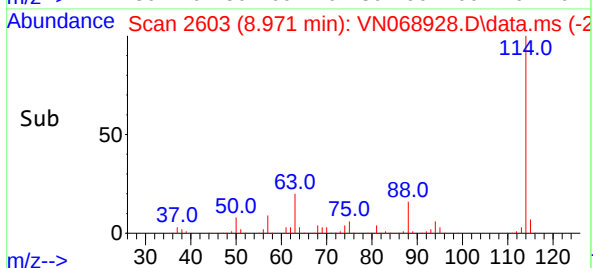
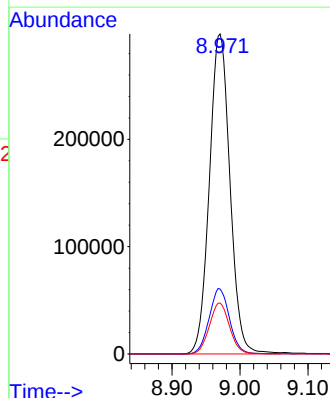
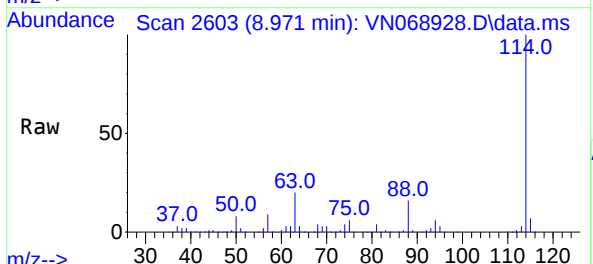
Tgt Ion: 65 Resp: 228920
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.8

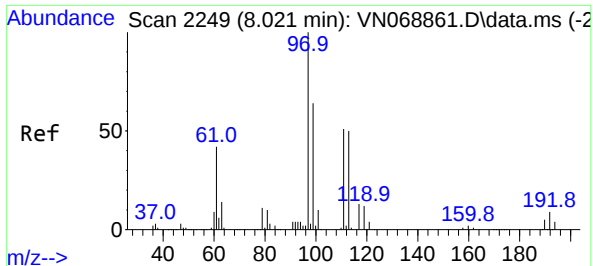


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068928.D
Acq: 14 Oct 2021 16:41

Tgt Ion: 114 Resp: 628063
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.6
88 15.9 0.0 32.0

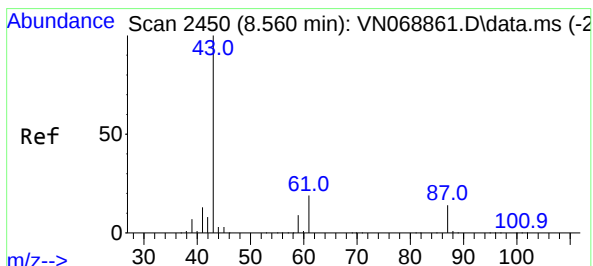
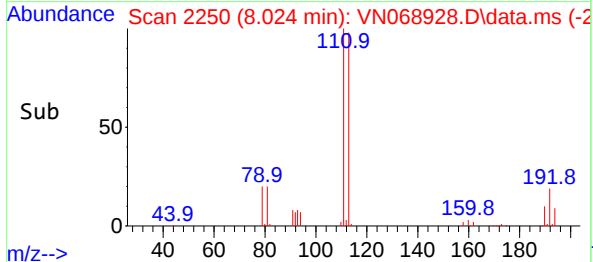
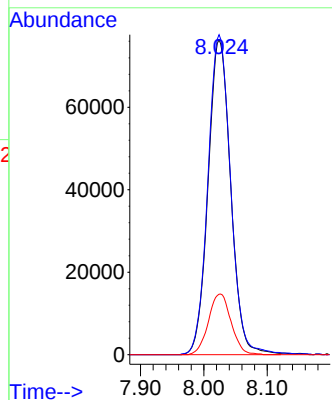
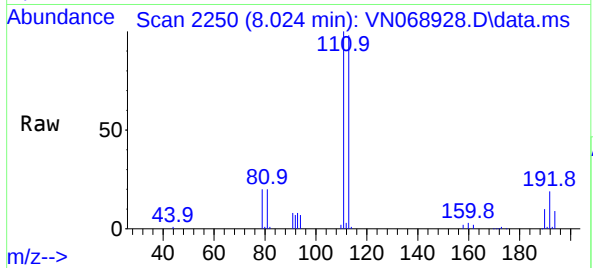




#35
Dibromofluoromethane
Concen: 51.725 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068928.D
Acq: 14 Oct 2021 16:41

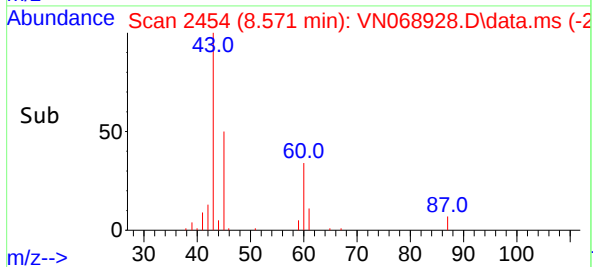
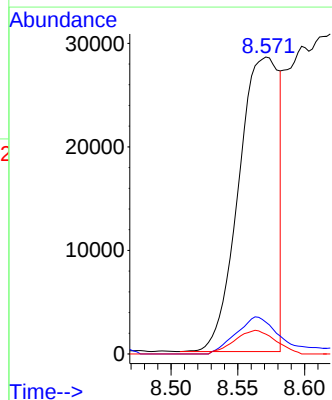
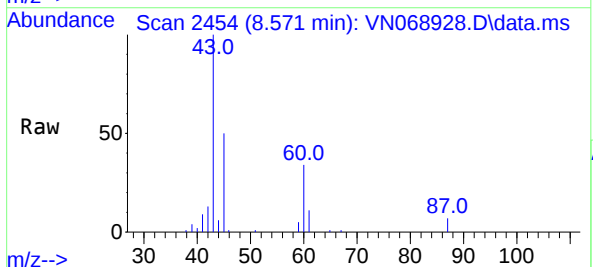
Instrument :
MSVOA_N
ClientSampled :
HAR-14

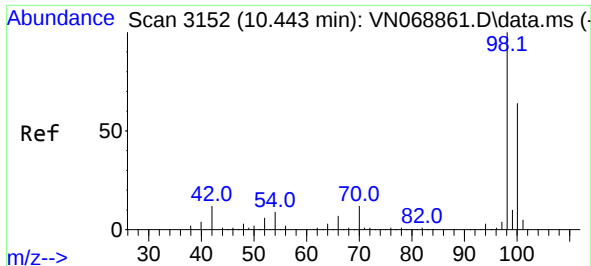
Tgt Ion:113 Resp: 189010
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 19.4 15.0 22.4



#43
Isopropyl Acetate
Concen: 6.084 ug/l
RT: 8.571 min Scan# 2454
Delta R.T. 0.011 min
Lab File: VN068928.D
Acq: 14 Oct 2021 16:41

Tgt Ion: 43 Resp: 59480
Ion Ratio Lower Upper
43 100
61 14.3 20.4 30.6#
87 8.2 10.7 16.1#

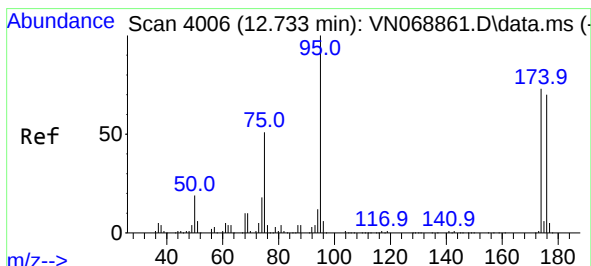
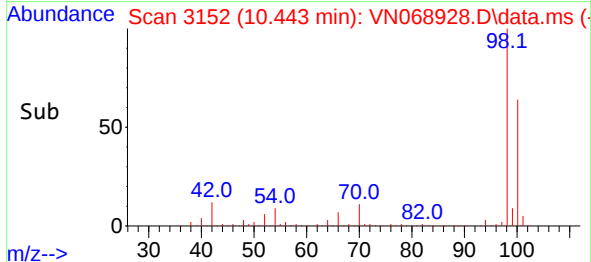
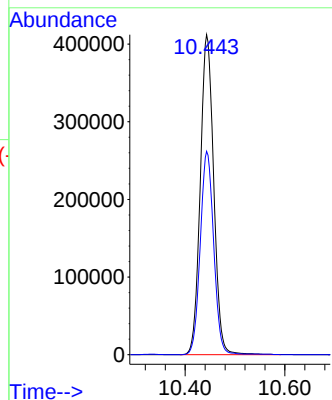
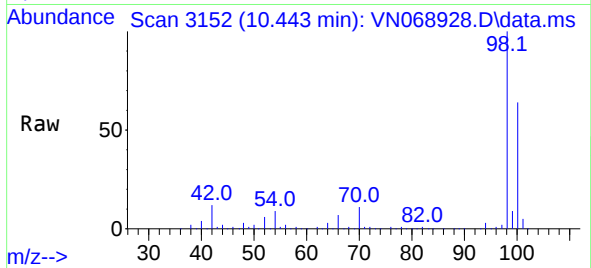




#50
Toluene-d8
Concen: 52.664 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068928.D
Acq: 14 Oct 2021 16:41

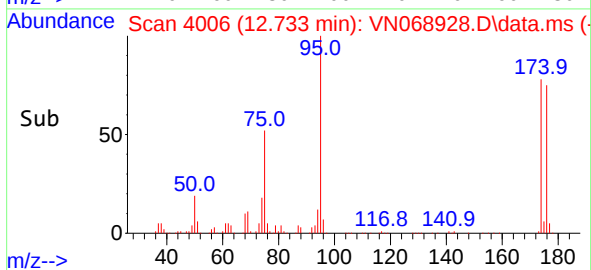
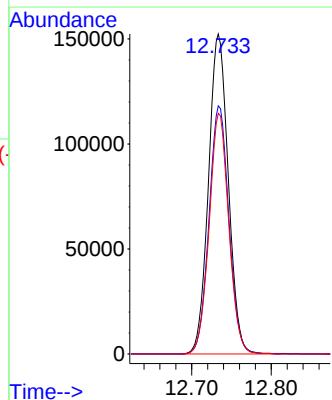
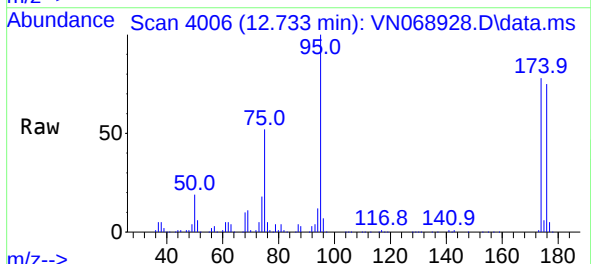
Instrument :
MSVOA_N
ClientSampled :
HAR-14

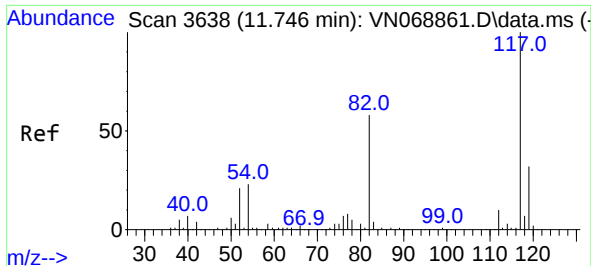
Tgt Ion: 98 Resp: 769981
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.692 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068928.D
Acq: 14 Oct 2021 16:41

Tgt Ion: 95 Resp: 263079
Ion Ratio Lower Upper
95 100
174 78.2 0.0 144.8
176 74.4 0.0 140.0



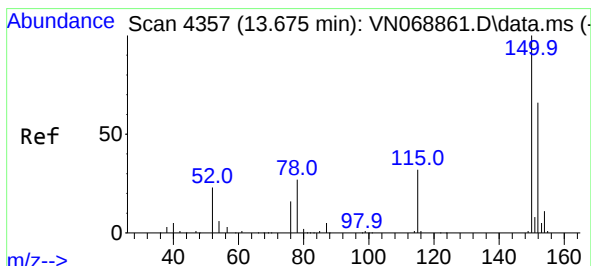
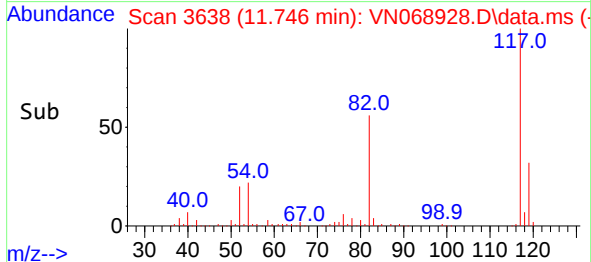
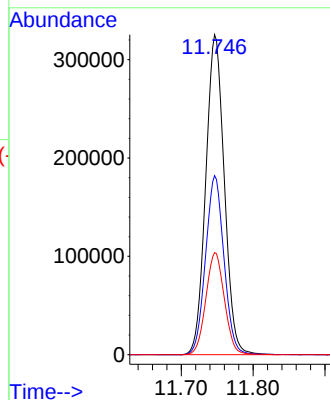
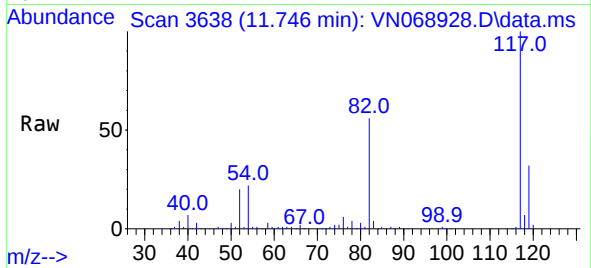


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068928.D
Acq: 14 Oct 2021 16:41

Instrument :
MSVOA_N
ClientSampled :
HAR-14

Tgt Ion:117 Resp: 584787

Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.4	69.6
119	31.9	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: VN068928.D
Acq: 14 Oct 2021 16:41

Tgt Ion:152 Resp: 228750

Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.4	94.3
150	157.1	0.0	351.0

