

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068927.D
 Acq On : 14 Oct 2021 16:15
 Operator : JC/MD
 Sample : M4192-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-12

Quant Time: Oct 14 22:46:54 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)

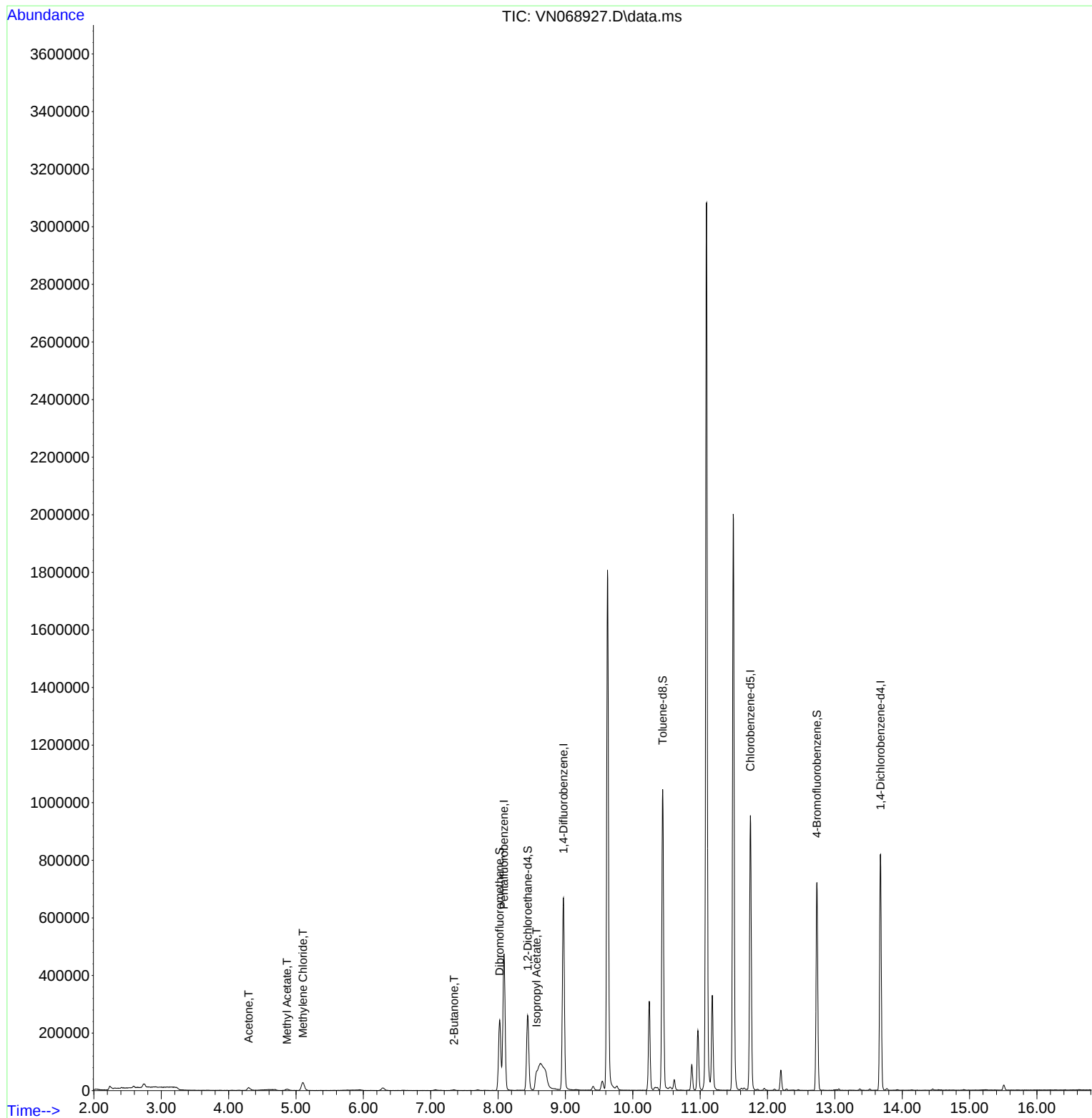
Internal Standards						
1) Pentafluorobenzene	8.088	168	372116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	609238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	569414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	225424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	220171	44.876	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.760%
35) Dibromofluoromethane	8.024	113	181628	51.241	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.480%
50) Toluene-d8	10.443	98	746051	52.604	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.733	95	259772	48.547	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.100%
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	18679	10.202	ug/l	96
18) Methyl Acetate	4.867	43	10751	1.548	ug/l #	73
20) Methylene Chloride	5.103	84	23100	5.482	ug/l	95
25) 2-Butanone	7.348	43	5087	1.837	ug/l	96
43) Isopropyl Acetate	8.571	43	60882	6.420	ug/l #	79

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

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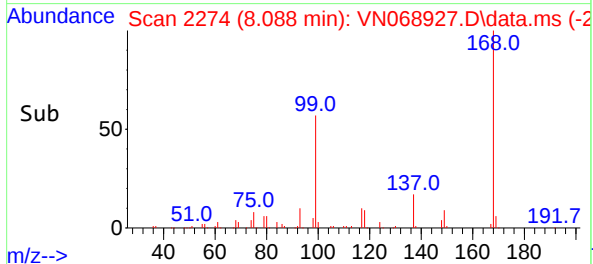
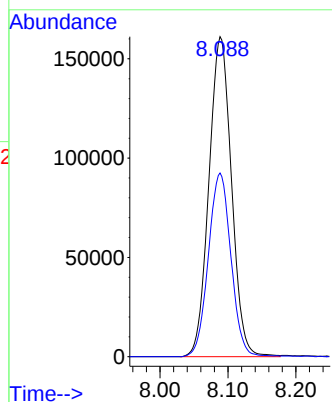
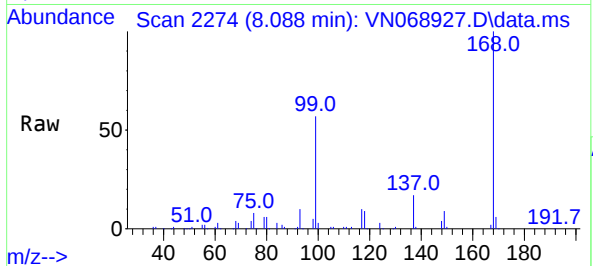




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068927.D
Acq: 14 Oct 2021 16:15

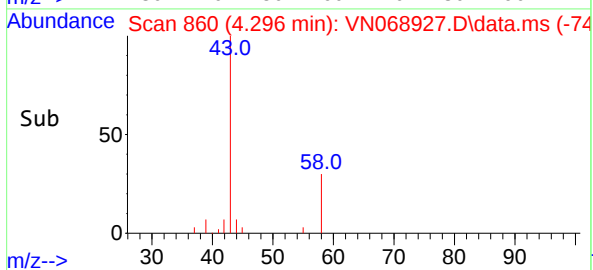
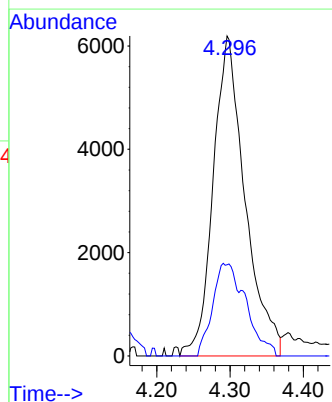
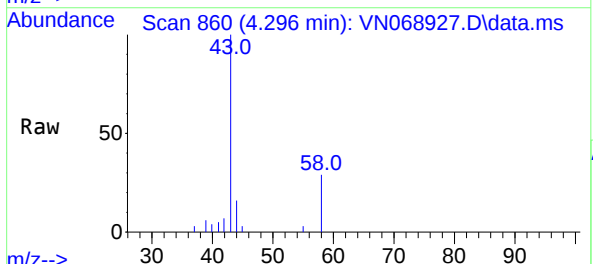
Instrument :
MSVOA_N
ClientSampled :
HAR-12

Tgt Ion:168 Resp: 372116
Ion Ratio Lower Upper
168 100
99 57.4 48.9 73.3



#16
Acetone
Concen: 10.202 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN068927.D
Acq: 14 Oct 2021 16:15

Tgt Ion: 43 Resp: 18679
Ion Ratio Lower Upper
43 100
58 28.5 24.5 36.7





#18

Methyl Acetate

Concen: 1.548 ug/l

RT: 4.867 min Scan# 1073

Delta R.T. 0.013 min

Lab File: VN068927.D

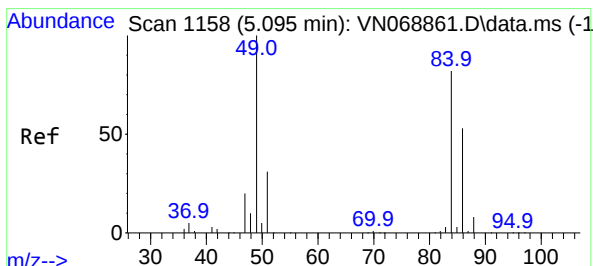
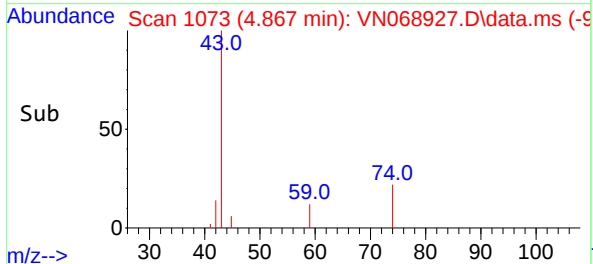
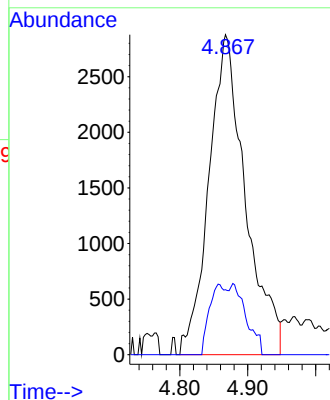
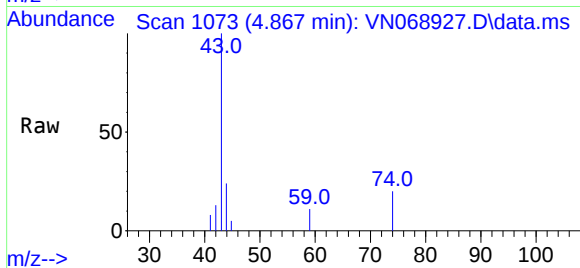
Acq: 14 Oct 2021 16:15

Tgt Ion: 43 Resp: 10751

Ion Ratio Lower Upper

43 100

74 10.3 18.9 28.3#



#20

Methylene Chloride

Concen: 5.482 ug/l

RT: 5.103 min Scan# 1161

Delta R.T. 0.008 min

Lab File: VN068927.D

Acq: 14 Oct 2021 16:15

Tgt Ion: 84 Resp: 23100

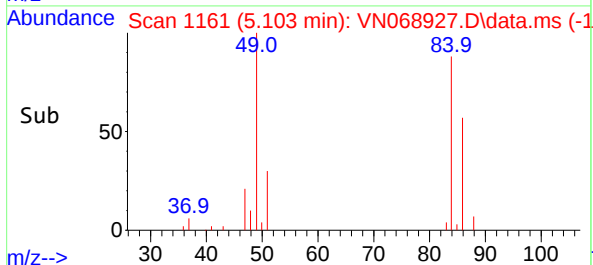
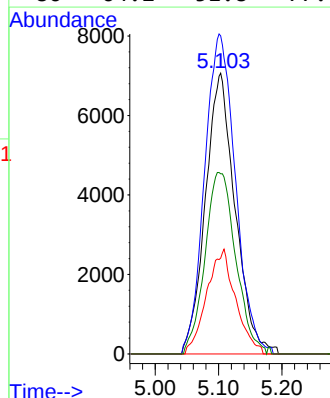
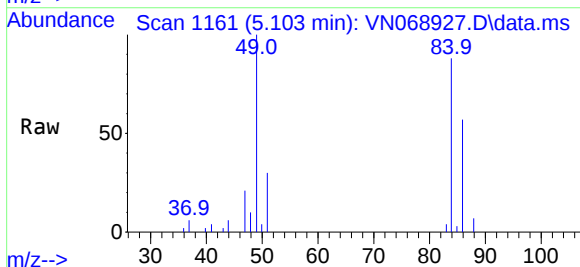
Ion Ratio Lower Upper

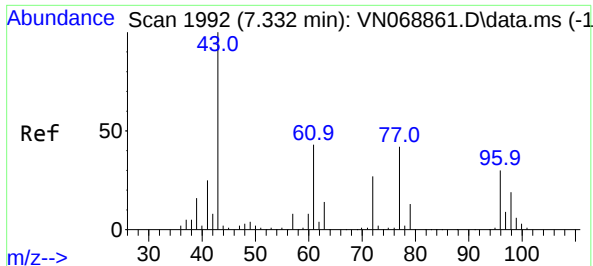
84 100

49 113.3 97.6 146.4

51 34.1 30.3 45.5

86 64.2 51.8 77.6

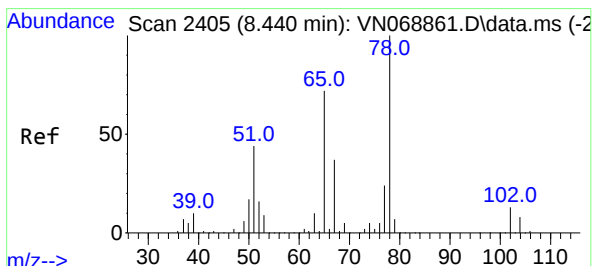
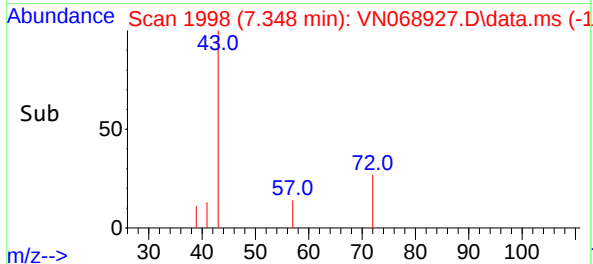
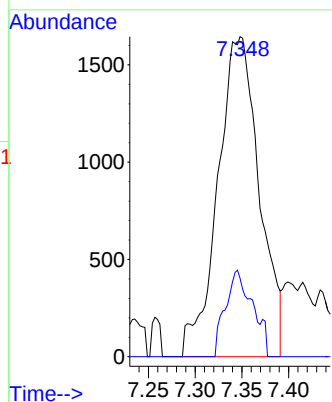
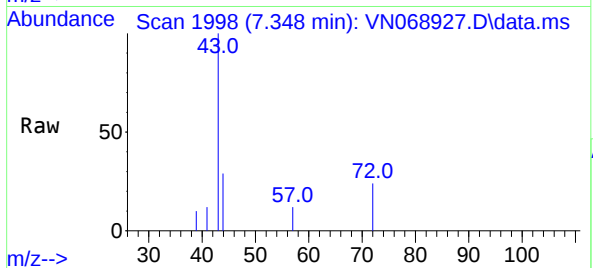




#25
2-Butanone
Concen: 1.837 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.016 min
Lab File: VN068927.D
Acq: 14 Oct 2021 16:15

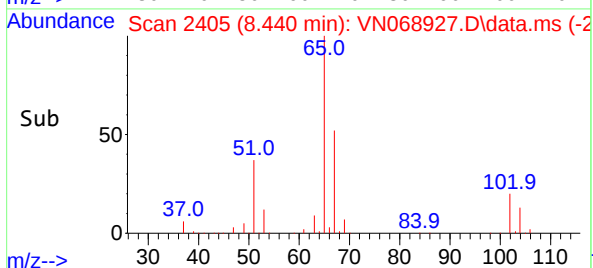
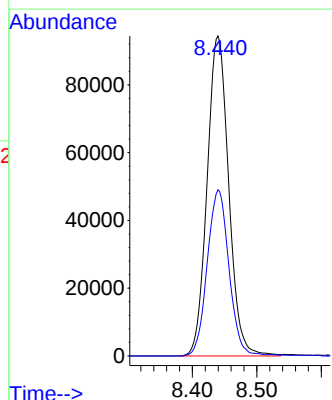
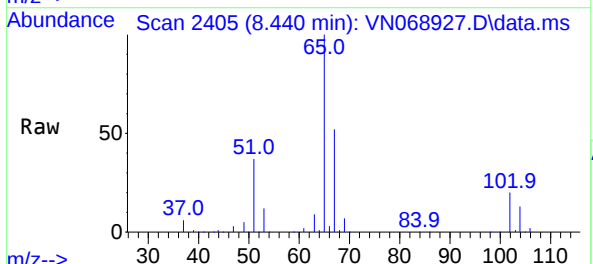
Instrument :
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ClientSampled :
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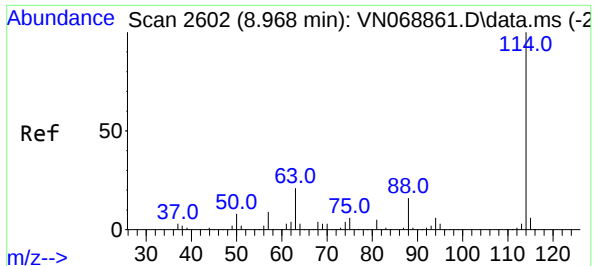
Tgt Ion: 43 Resp: 5087
Ion Ratio Lower Upper
43 100
72 24.5 21.2 31.8



#33
1,2-Dichloroethane-d4
Concen: 44.876 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068927.D
Acq: 14 Oct 2021 16:15

Tgt Ion: 65 Resp: 220171
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.8

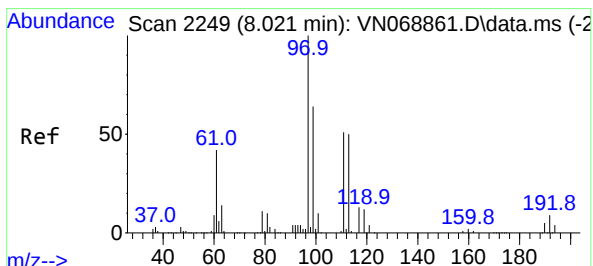
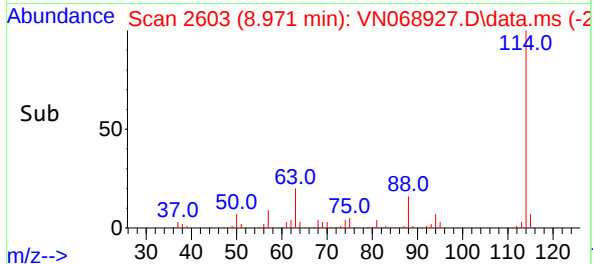
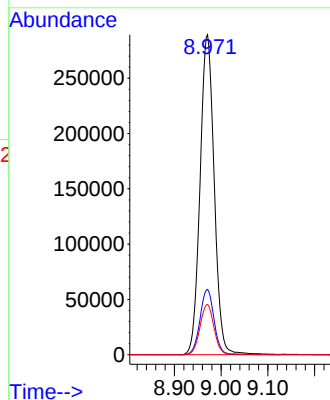
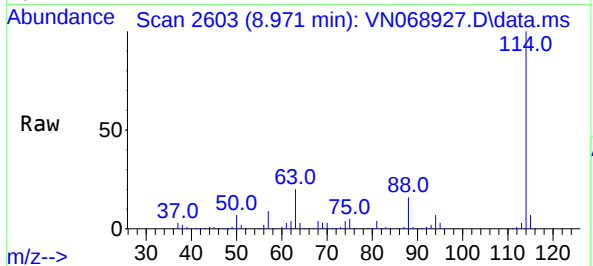




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068927.D
Acq: 14 Oct 2021 16:15

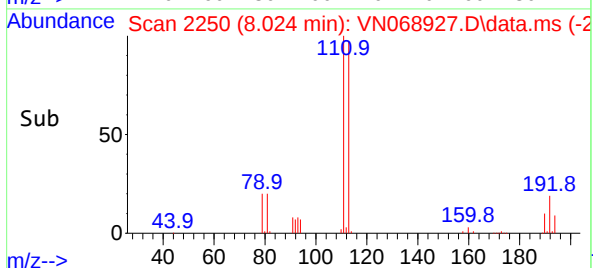
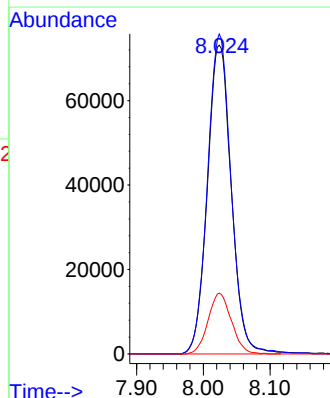
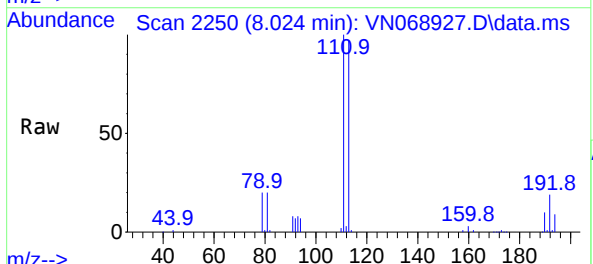
Instrument :
MSVOA_N
ClientSampled :
HAR-12

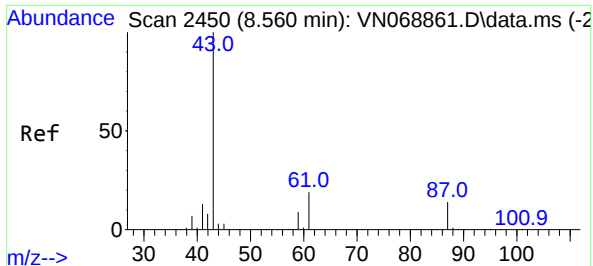
Tgt Ion:114 Resp: 609238
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.6
88 15.7 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.241 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068927.D
Acq: 14 Oct 2021 16:15

Tgt Ion:113 Resp: 181628
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 19.2 15.0 22.4

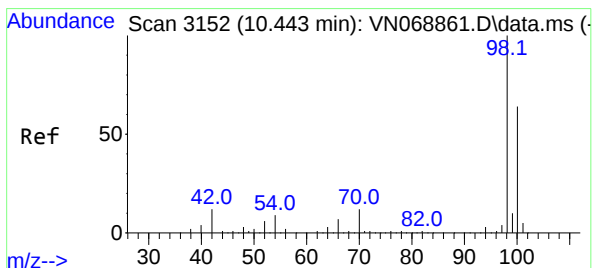
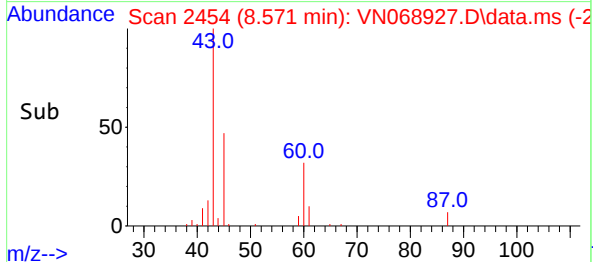
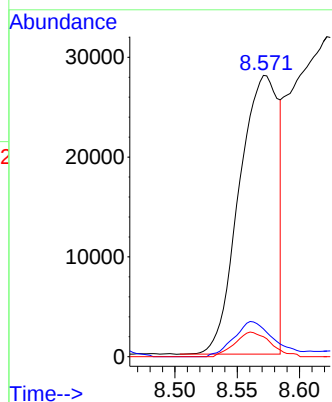
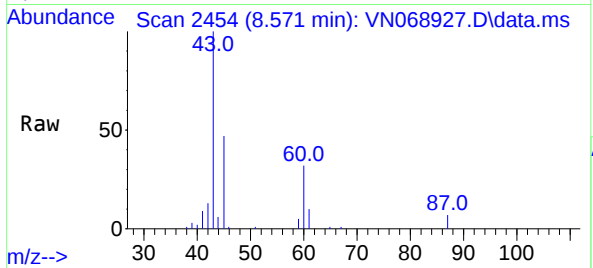




#43
Isopropyl Acetate
Concen: 6.420 ug/l
RT: 8.571 min Scan# 2454
Delta R.T. 0.011 min
Lab File: VN068927.D
Acq: 14 Oct 2021 16:15

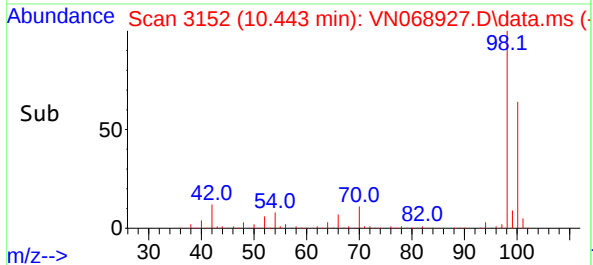
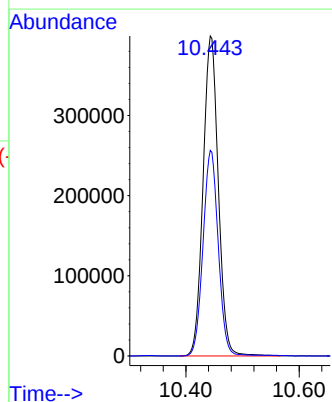
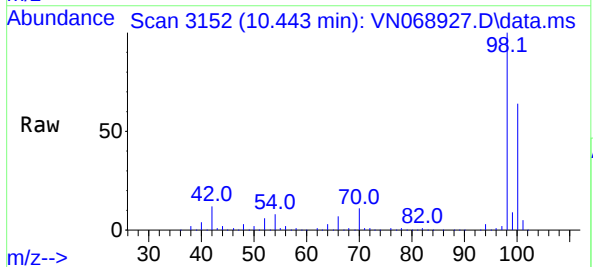
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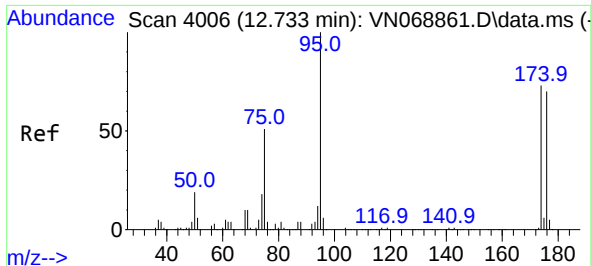
Tgt Ion: 43 Resp: 60882
Ion Ratio Lower Upper
43 100
61 12.9 20.4 30.6#
87 8.1 10.7 16.1#



#50
Toluene-d8
Concen: 52.604 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068927.D
Acq: 14 Oct 2021 16:15

Tgt Ion: 98 Resp: 746051
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3

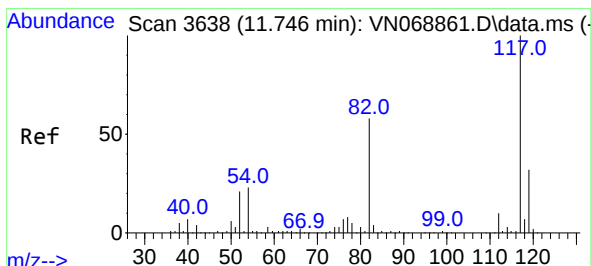
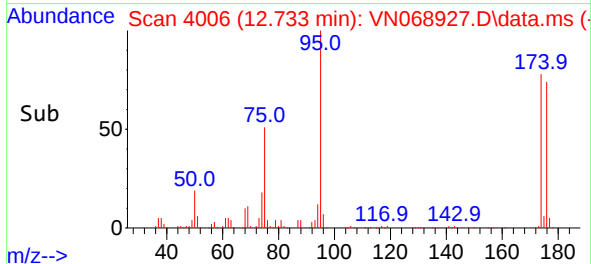
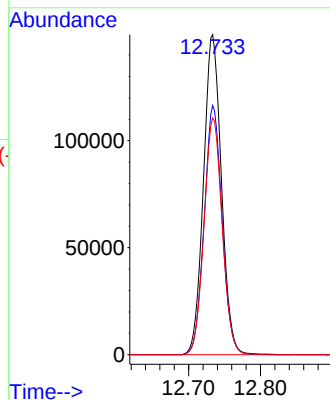
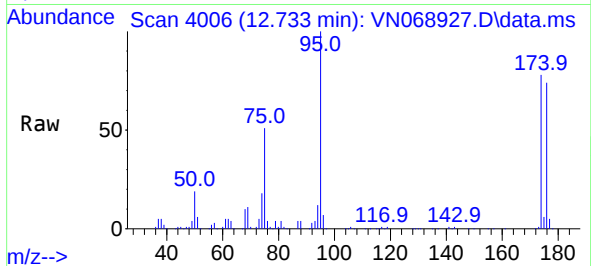




#62
4-Bromofluorobenzene
Concen: 48.547 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068927.D
Acq: 14 Oct 2021 16:15

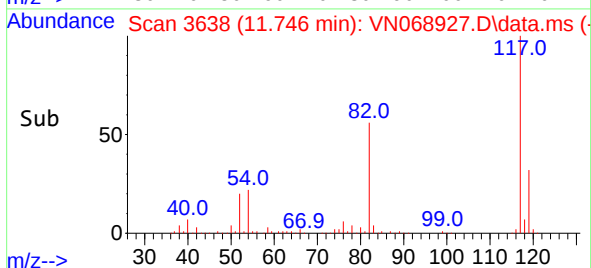
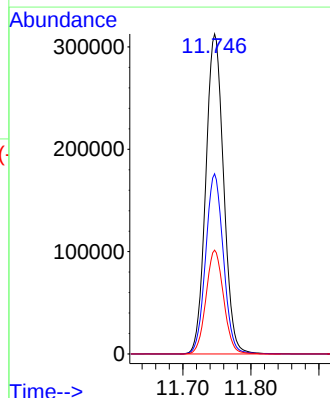
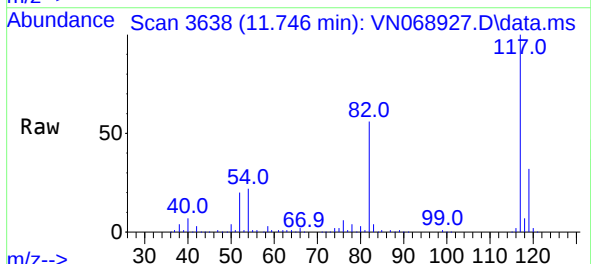
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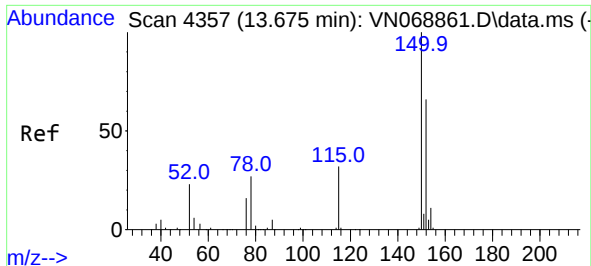
Tgt Ion: 95 Resp: 259772
Ion Ratio Lower Upper
95 100
174 77.9 0.0 144.8
176 75.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068927.D
Acq: 14 Oct 2021 16:15

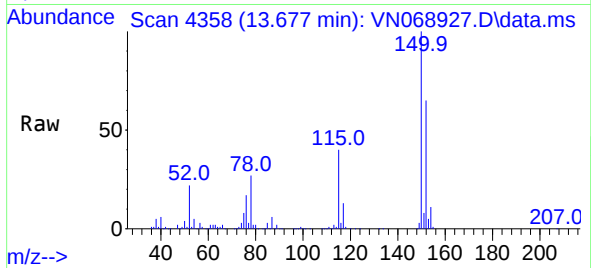
Tgt Ion:117 Resp: 569414
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 32.5 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN068927.D
 Acq: 14 Oct 2021 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-12



Tgt Ion:152 Resp: 225424

Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.4	94.3
150	155.9	0.0	351.0

