

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068930.D
 Acq On : 14 Oct 2021 17:31
 Operator : JC/MD
 Sample : M4192-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-18

Quant Time: Oct 14 22:48:05 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)

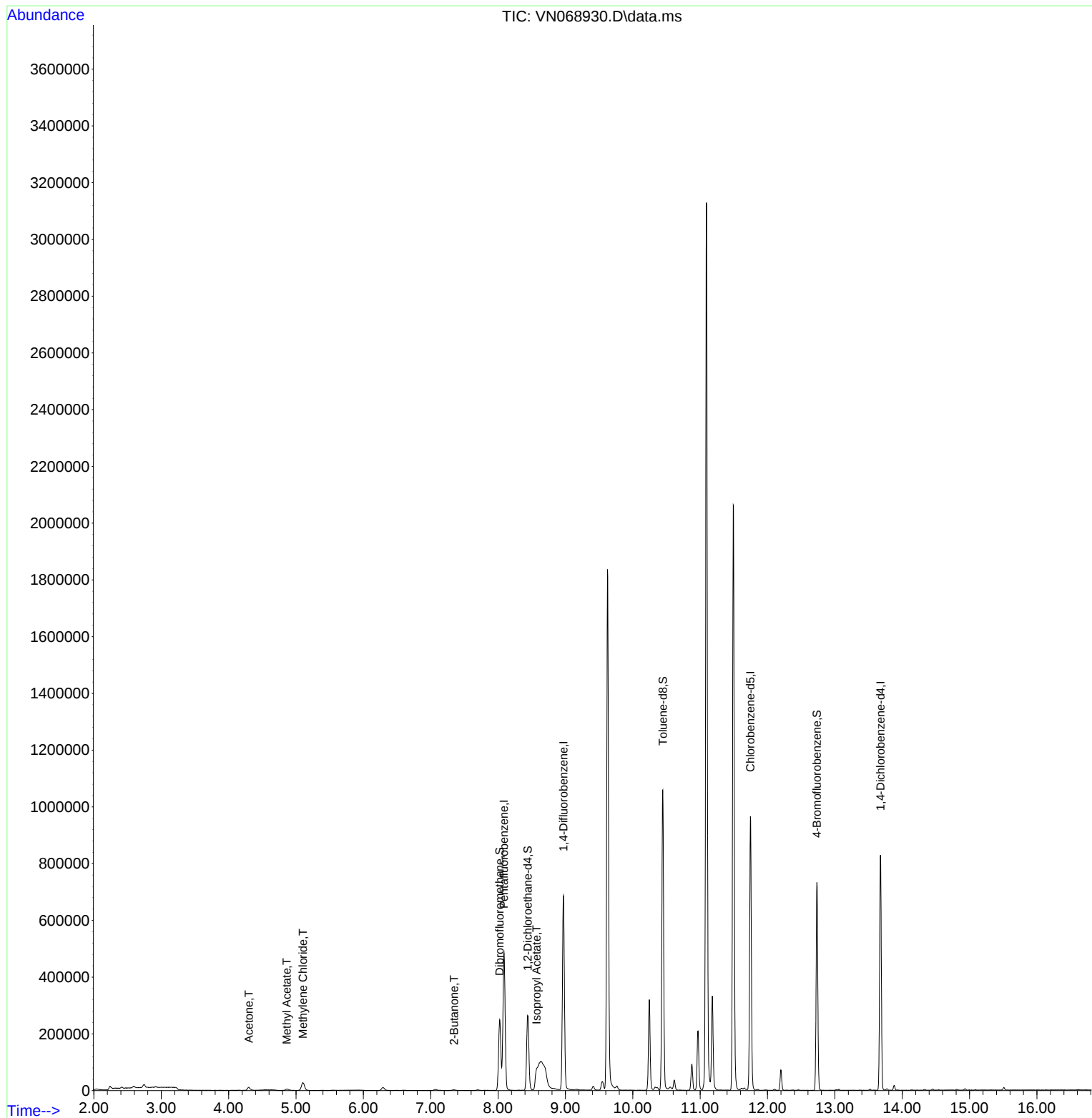
Internal Standards						
1) Pentafluorobenzene	8.088	168	378602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	617345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	570594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	228753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	224471	44.969	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.940%		
35) Dibromofluoromethane	8.024	113	185439	51.629	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.260%		
50) Toluene-d8	10.446	98	755212	52.550	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.100%		
62) 4-Bromofluorobenzene	12.733	95	259672	47.891	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.780%		
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	20564	11.039	ug/l	90
18) Methyl Acetate	4.864	43	11877	1.681	ug/l	92
20) Methylene Chloride	5.103	84	23615	5.508	ug/l	95
25) 2-Butanone	7.348	43	5168	1.835	ug/l	97
43) Isopropyl Acetate	8.571	43	73575	7.657	ug/l #	76

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

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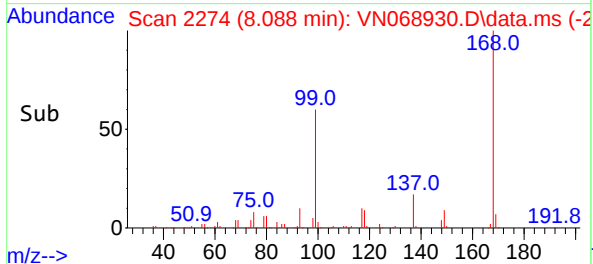
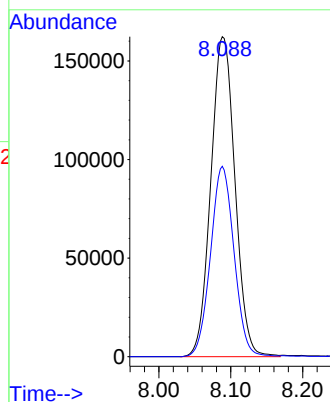
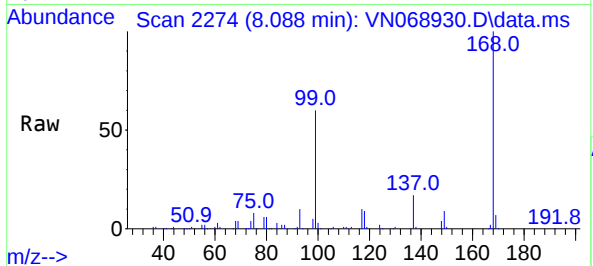




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068930.D
Acq: 14 Oct 2021 17:31

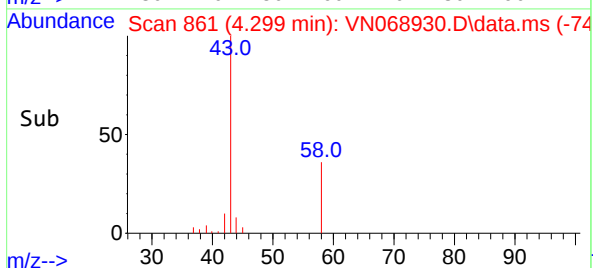
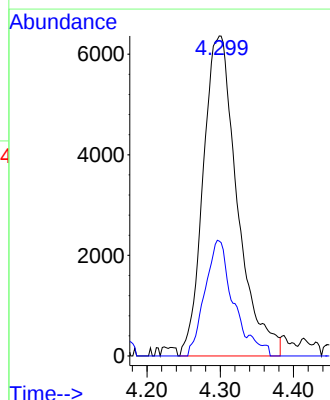
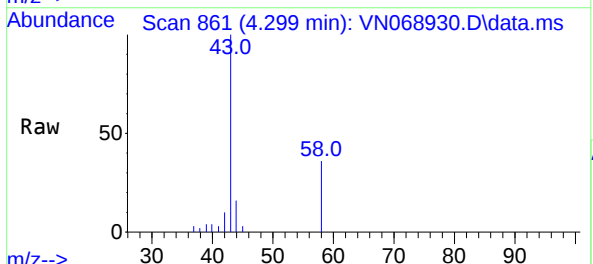
Instrument :
MSVOA_N
ClientSampled :
HAR-18

Tgt Ion:168 Resp: 378602
Ion Ratio Lower Upper
168 100
99 59.5 48.9 73.3



#16
Acetone
Concen: 11.039 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.013 min
Lab File: VN068930.D
Acq: 14 Oct 2021 17:31

Tgt Ion: 43 Resp: 20564
Ion Ratio Lower Upper
43 100
58 35.9 24.5 36.7

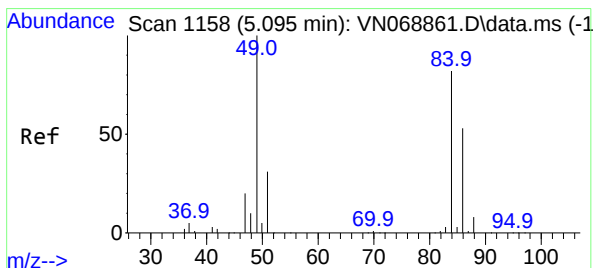
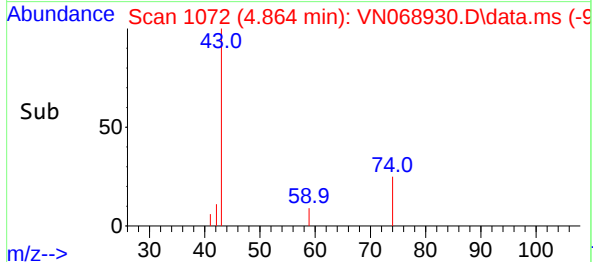
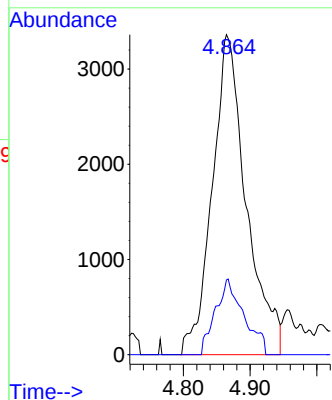
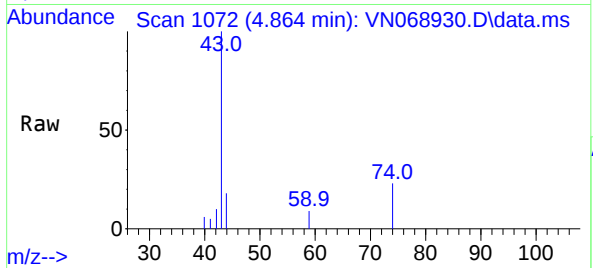




#18
Methyl Acetate
Concen: 1.681 ug/l
RT: 4.864 min Scan# 1072
Delta R.T. 0.011 min
Lab File: VN068930.D
Acq: 14 Oct 2021 17:31

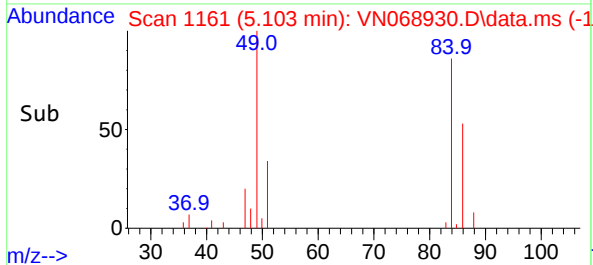
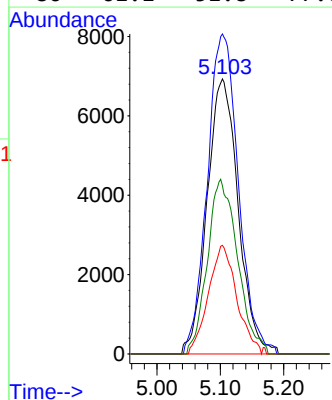
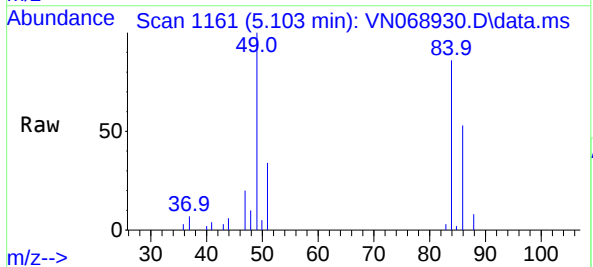
Instrument :
MSVOA_N
ClientSampled :
HAR-18

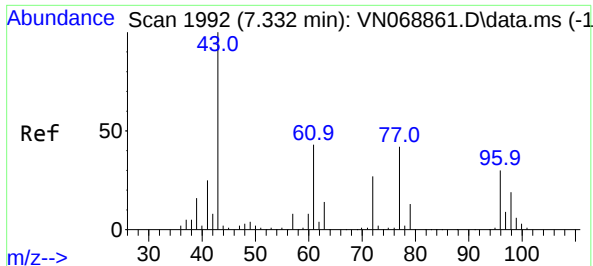
Tgt Ion: 43 Resp: 11877
Ion Ratio Lower Upper
43 100
74 19.8 18.9 28.3



#20
Methylene Chloride
Concen: 5.508 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.008 min
Lab File: VN068930.D
Acq: 14 Oct 2021 17:31

Tgt Ion: 84 Resp: 23615
Ion Ratio Lower Upper
84 100
49 116.3 97.6 146.4
51 39.5 30.3 45.5
86 61.1 51.8 77.6





#25

2-Butanone

Concen: 1.835 ug/l

RT: 7.348 min Scan# 1998

Delta R.T. 0.016 min

Lab File: VN068930.D

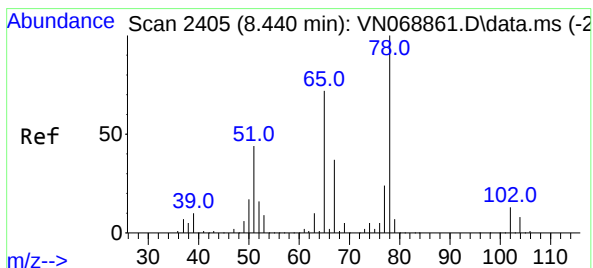
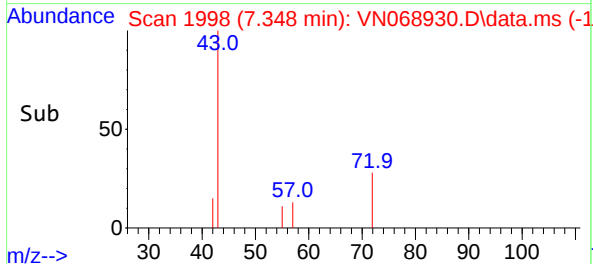
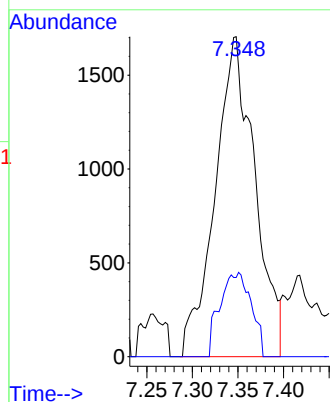
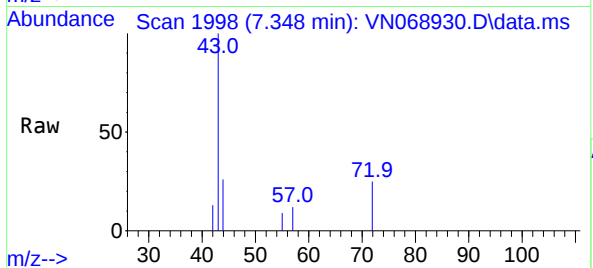
Acq: 14 Oct 2021 17:31

Tgt Ion: 43 Resp: 5168

Ion Ratio Lower Upper

43 100

72 24.8 21.2 31.8



#33

1,2-Dichloroethane-d4

Concen: 44.969 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN068930.D

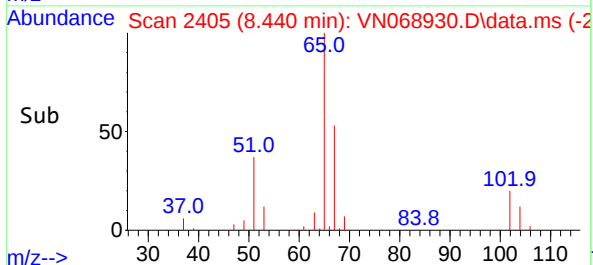
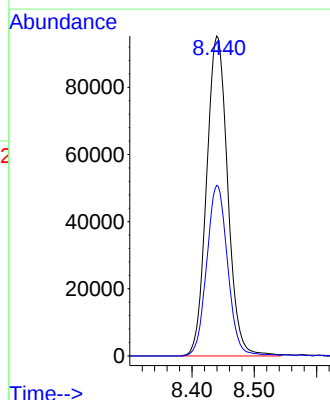
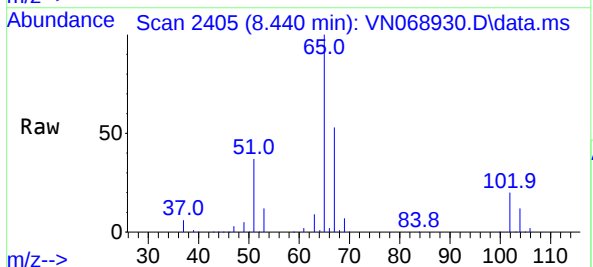
Acq: 14 Oct 2021 17:31

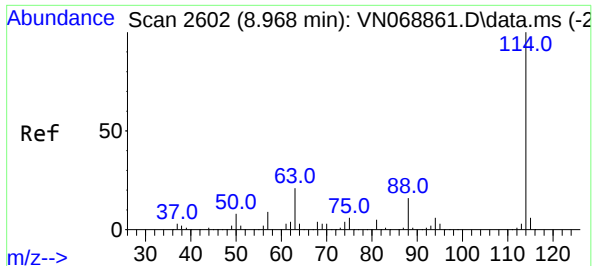
Tgt Ion: 65 Resp: 224471

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.8

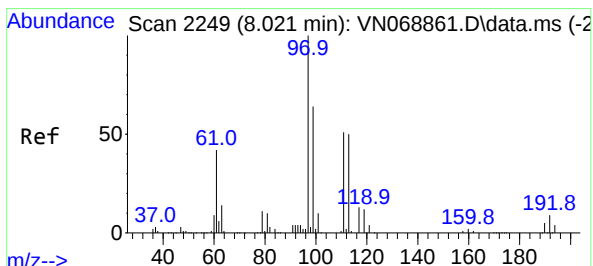
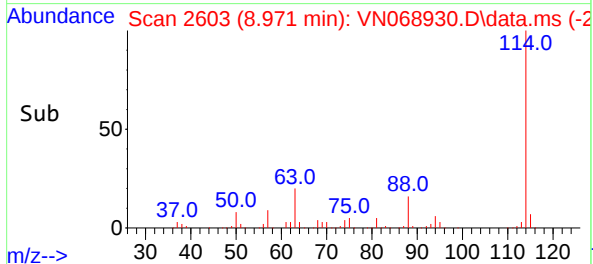
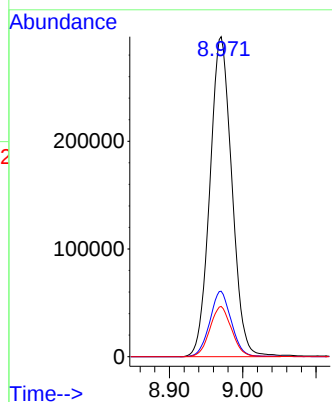
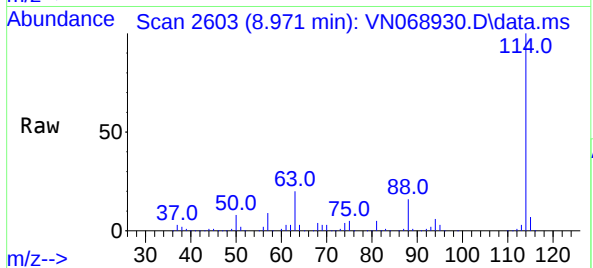




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068930.D
Acq: 14 Oct 2021 17:31

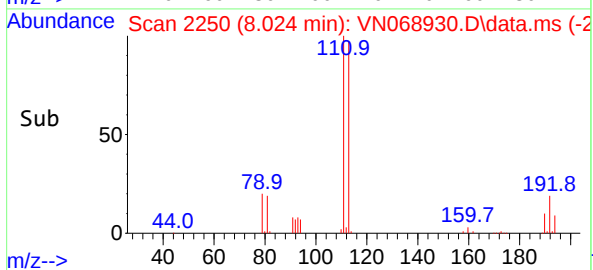
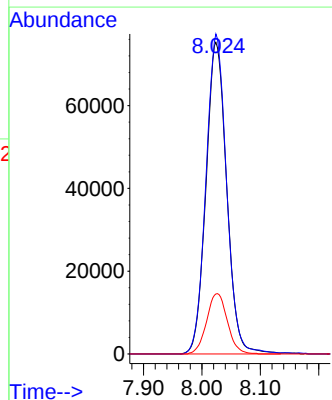
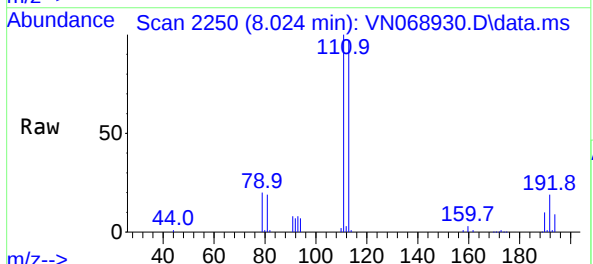
Instrument :
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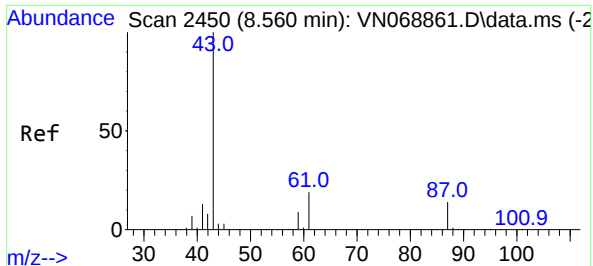
Tgt Ion:114 Resp: 617345
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.6
88 15.7 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.629 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068930.D
Acq: 14 Oct 2021 17:31

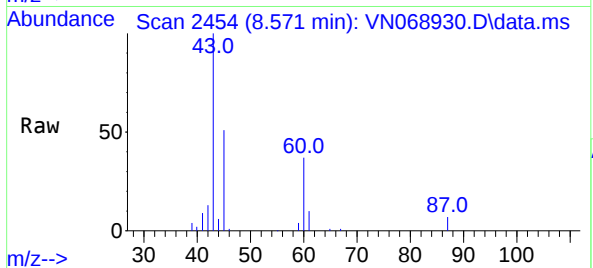
Tgt Ion:113 Resp: 185439
Ion Ratio Lower Upper
113 100
111 102.1 83.2 124.8
192 19.4 15.0 22.4



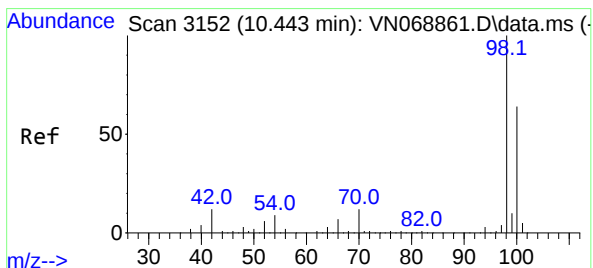
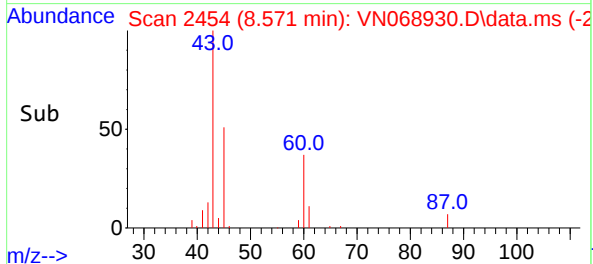
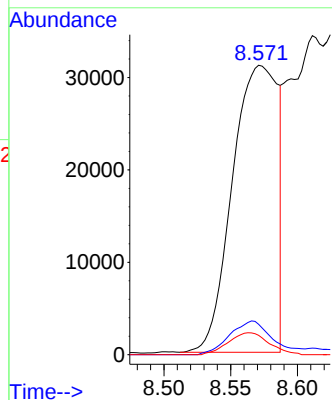


#43
Isopropyl Acetate
Concen: 7.657 ug/l
RT: 8.571 min Scan# 2454
Delta R.T. 0.011 min
Lab File: VN068930.D
Acq: 14 Oct 2021 17:31

Instrument :
MSVOA_N
ClientSampled :
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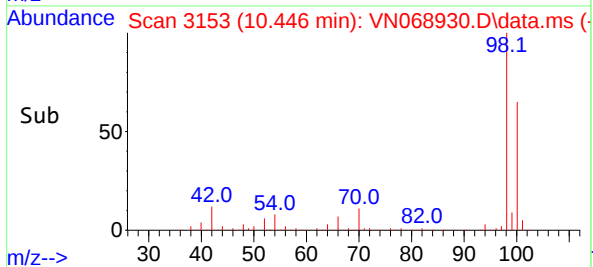
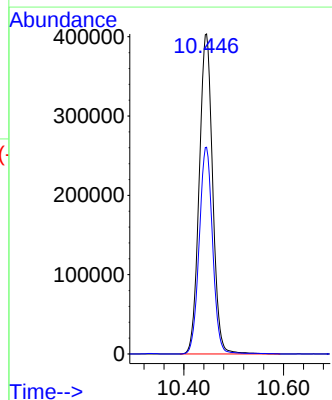
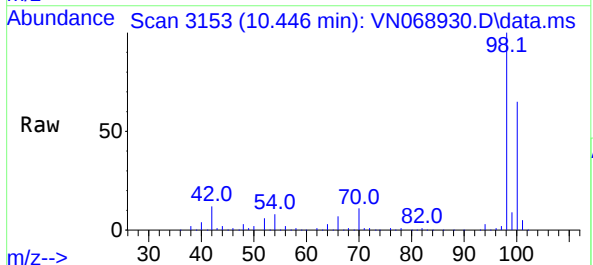


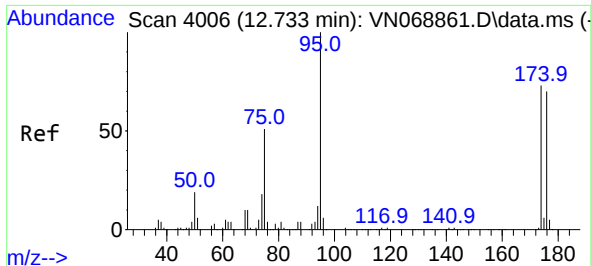
Tgt Ion: 43 Resp: 73575
Ion Ratio Lower Upper
43 100
61 11.1 20.4 30.6#
87 6.8 10.7 16.1#



#50
Toluene-d8
Concen: 52.550 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068930.D
Acq: 14 Oct 2021 17:31

Tgt Ion: 98 Resp: 755212
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3

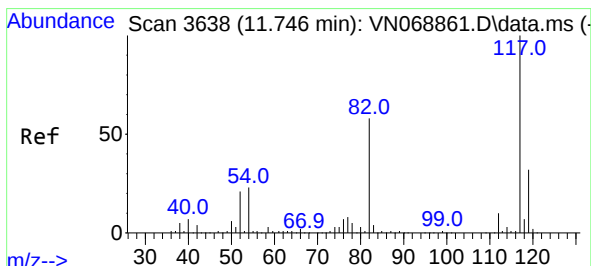
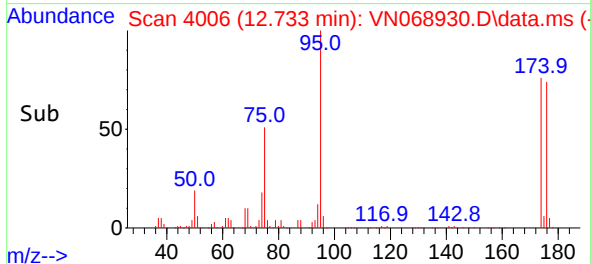
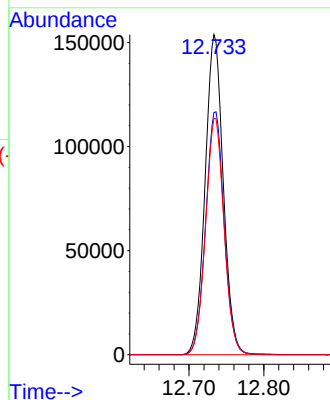
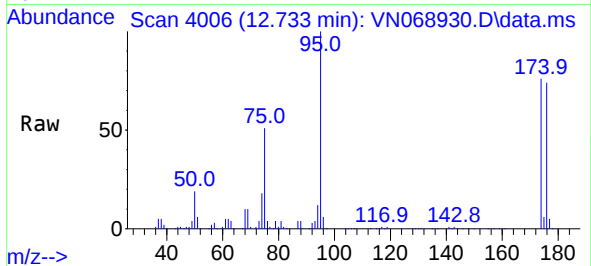




#62
4-Bromofluorobenzene
Concen: 47.891 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068930.D
Acq: 14 Oct 2021 17:31

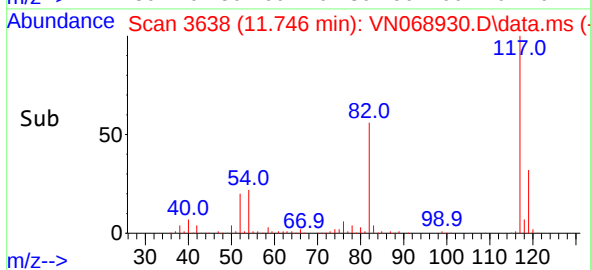
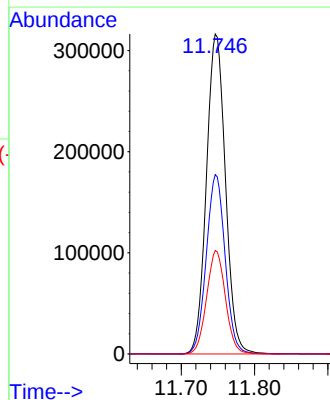
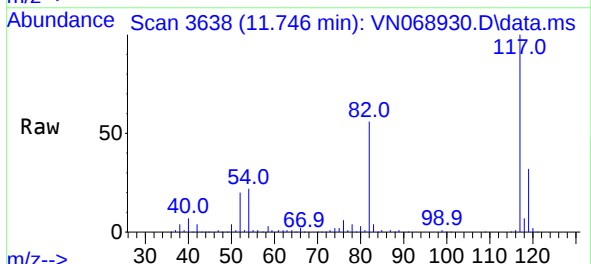
Instrument :
MSVOA_N
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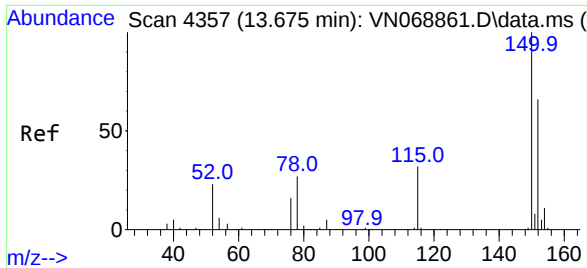
Tgt Ion: 95 Resp: 259672
Ion Ratio Lower Upper
95 100
174 77.3 0.0 144.8
176 74.9 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068930.D
Acq: 14 Oct 2021 17:31

Tgt Ion: 117 Resp: 570594
Ion Ratio Lower Upper
117 100
82 56.0 46.4 69.6
119 32.4 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: VN068930.D
 Acq: 14 Oct 2021 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-18

Tgt Ion:152 Resp: 228753
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.4 94.3
 150 156.8 0.0 351.0

