

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122222\
 Data File : VN075948.D
 Acq On : 22 Dec 2022 16:27
 Operator : JC\MD
 Sample : N6168-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1840

Quant Time: Dec 23 04:04:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

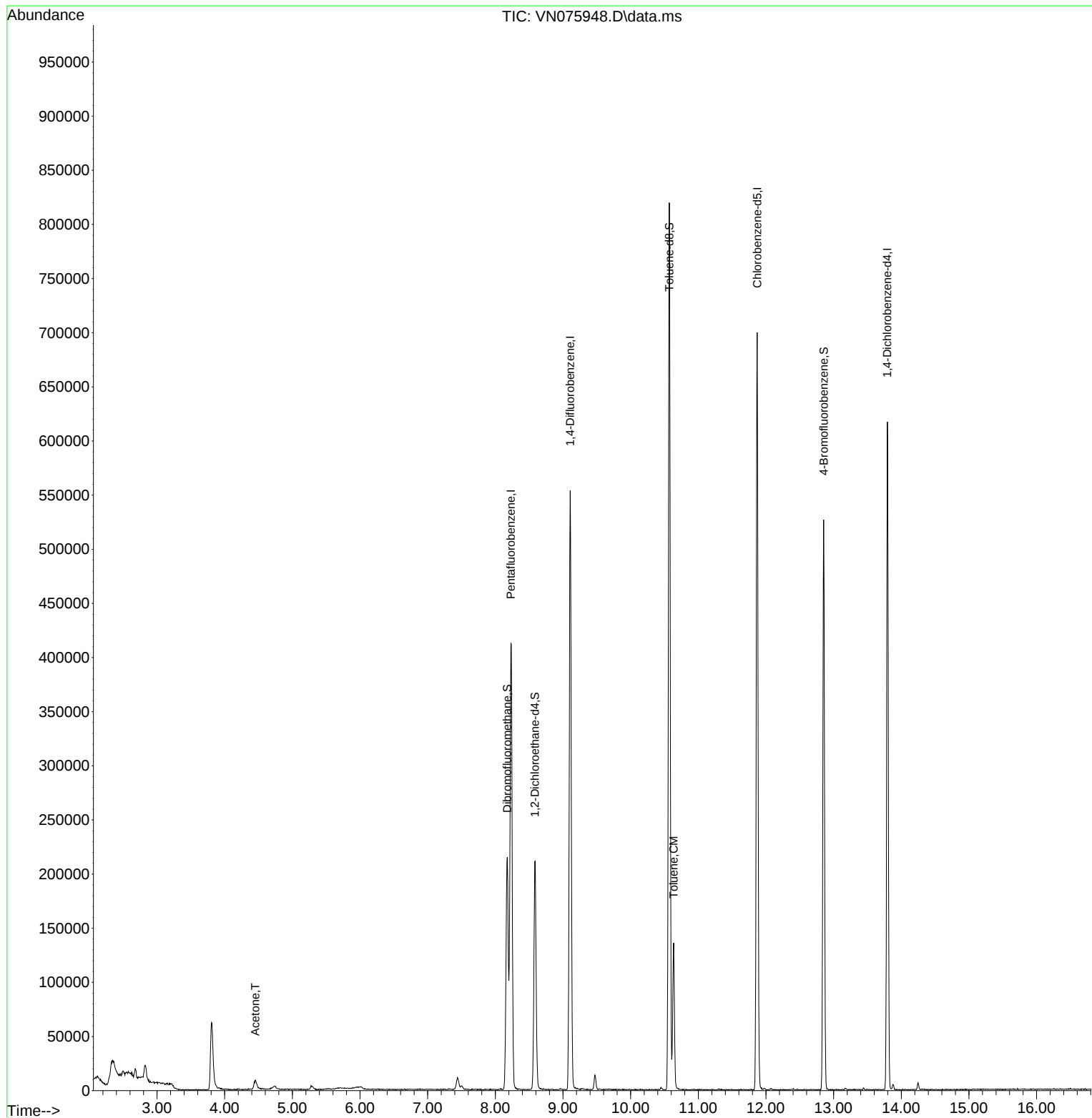
Internal Standards						
1) Pentafluorobenzene	8.229	168	324949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	509579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	430894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	172022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	169421	47.925	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.840%		
35) Dibromofluoromethane	8.177	113	157042	49.764	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.520%		
50) Toluene-d8	10.571	98	589302	49.945	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.900%		
62) 4-Bromofluorobenzene	12.853	95	175408	44.885	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.760%		
Target Compounds						Qvalue
16) Acetone	4.453	43	15963	13.099	ug/l #	77
52) Toluene	10.635	92	61205	7.266	ug/l	99

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

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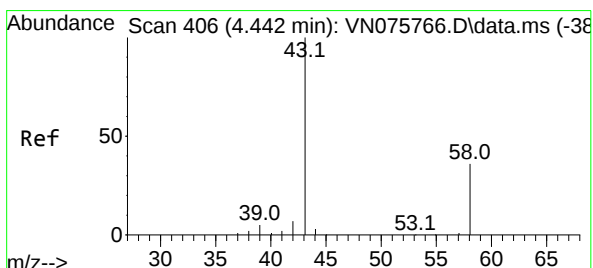
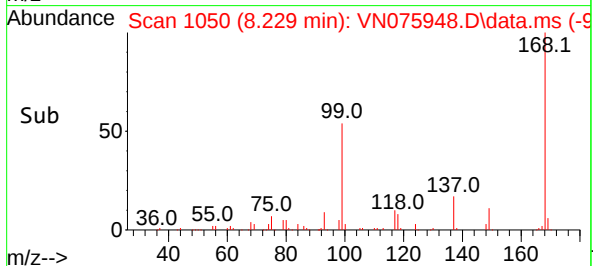
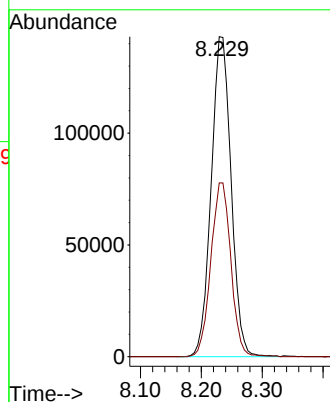
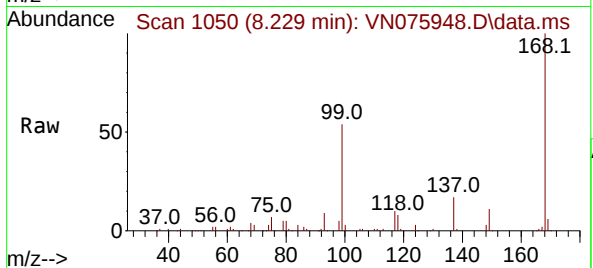




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075948.D
Acq: 22 Dec 2022 16:27

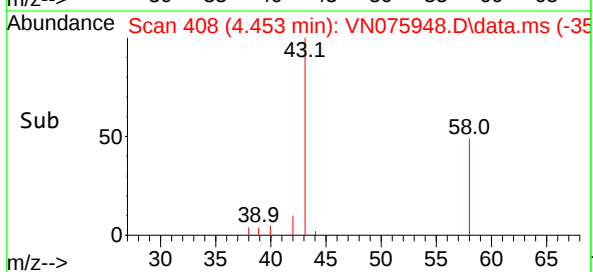
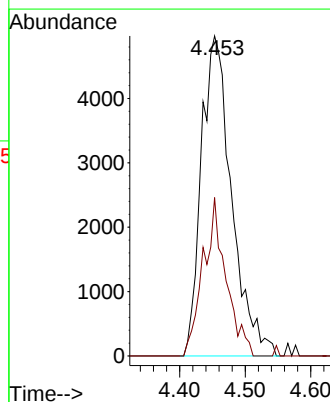
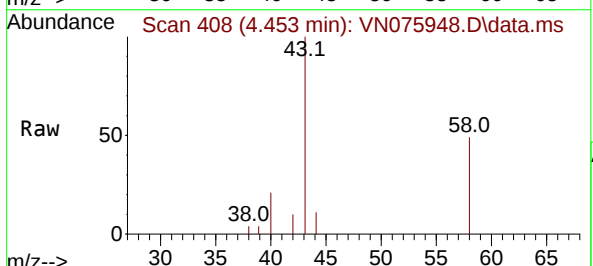
Instrument :
MSVOA_N
ClientSampleId :
AUD-1840

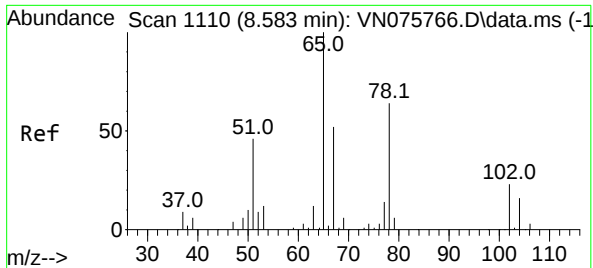
Tgt Ion:168 Resp: 324949
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#16
Acetone
Concen: 13.099 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN075948.D
Acq: 22 Dec 2022 16:27

Tgt Ion: 43 Resp: 15963
Ion Ratio Lower Upper
43 100
58 49.5 28.6 43.0#





#33

1,2-Dichloroethane-d4

Concen: 47.925 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075948.D

Acq: 22 Dec 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :

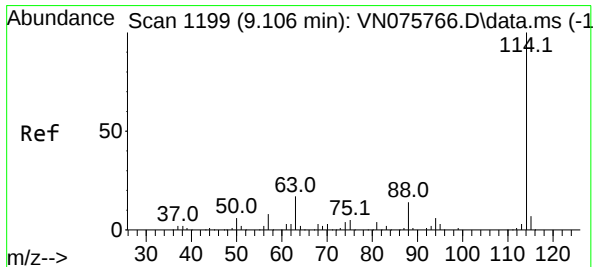
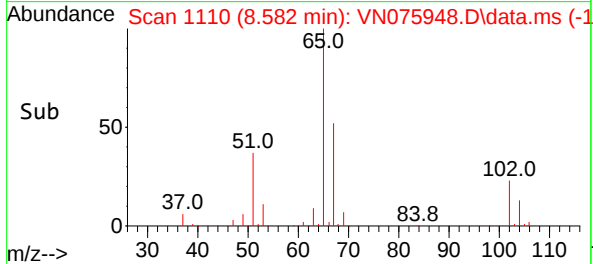
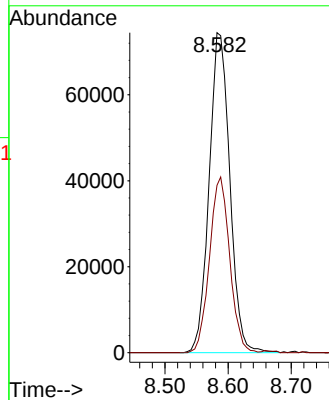
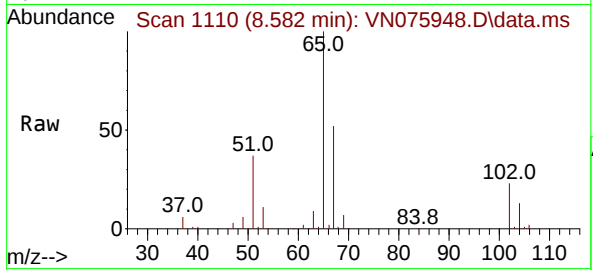
AUD-1840

Tgt Ion: 65 Resp: 169421

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075948.D

Acq: 22 Dec 2022 16:27

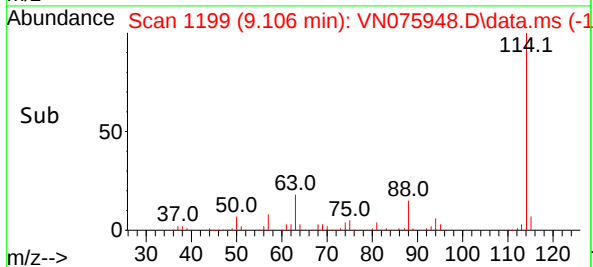
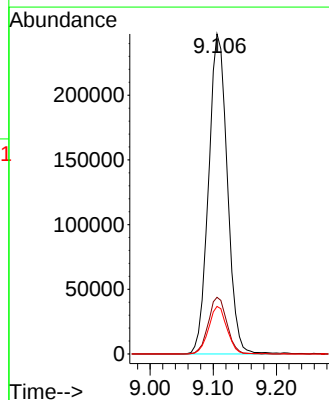
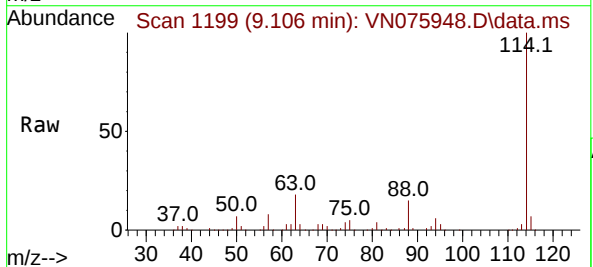
Tgt Ion: 114 Resp: 509579

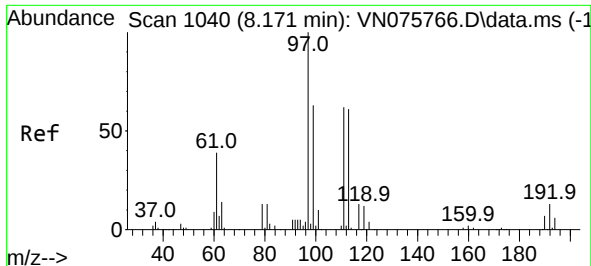
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.764 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075948.D

Acq: 22 Dec 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :

AUD-1840

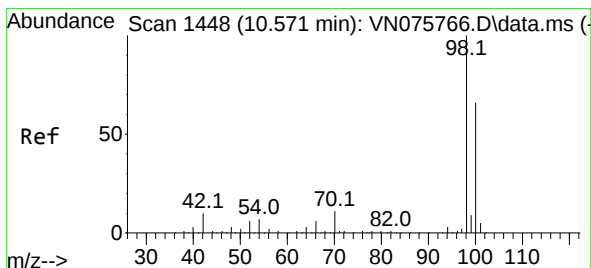
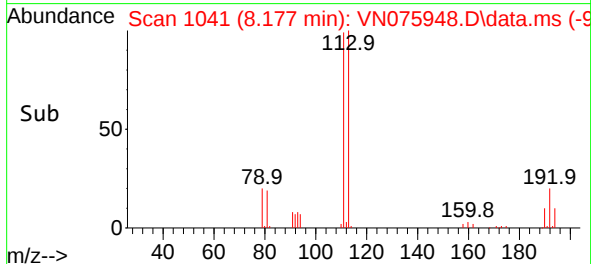
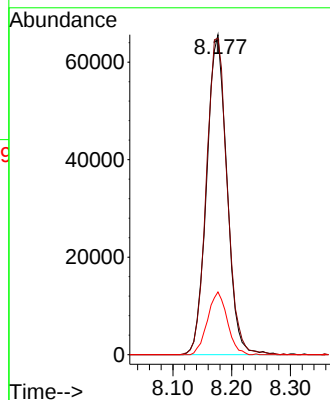
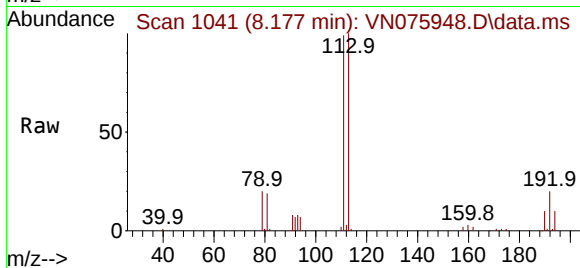
Tgt Ion:113 Resp: 157042

Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.2

192 19.1 16.1 24.1



#50

Toluene-d8

Concen: 49.945 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075948.D

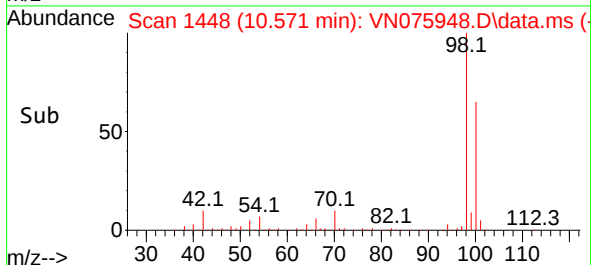
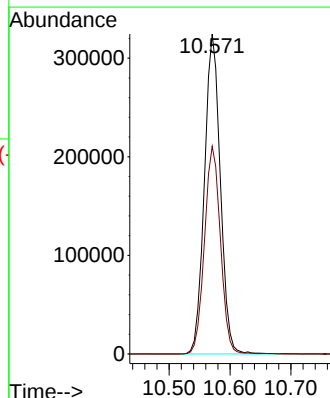
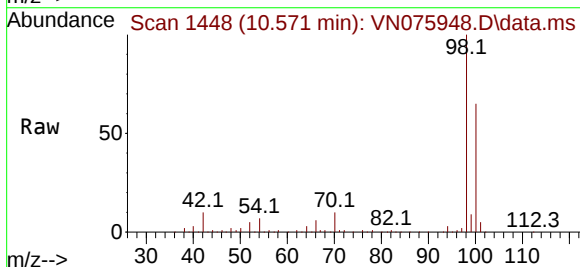
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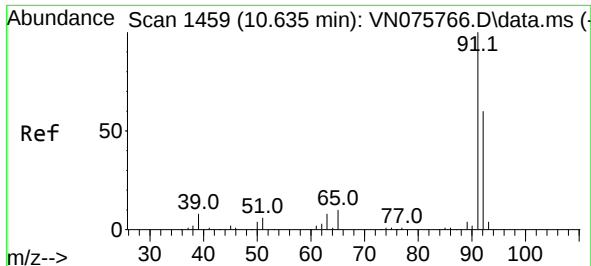
Tgt Ion: 98 Resp: 589302

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1

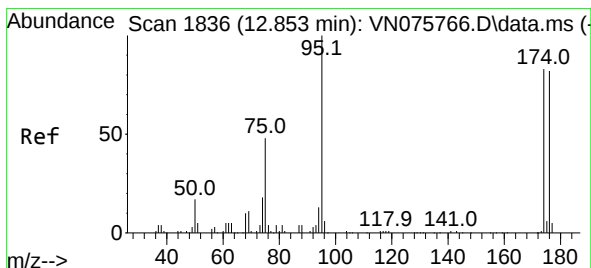
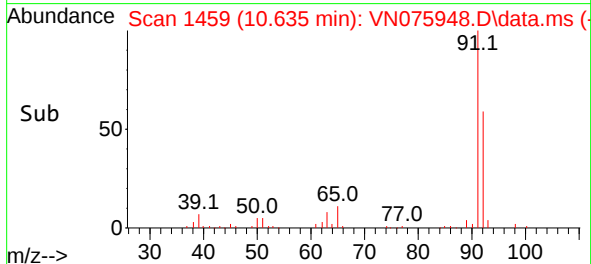
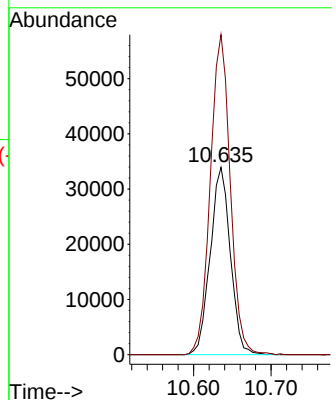
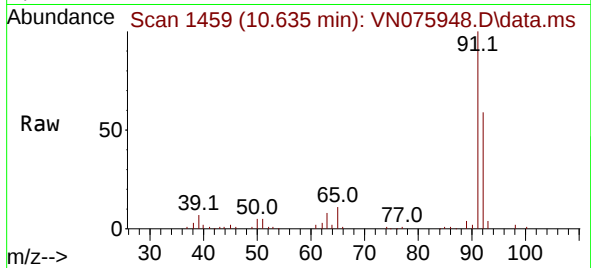




#52
Toluene
Concen: 7.266 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075948.D
Acq: 22 Dec 2022 16:27

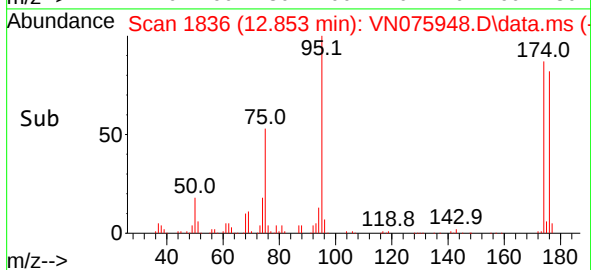
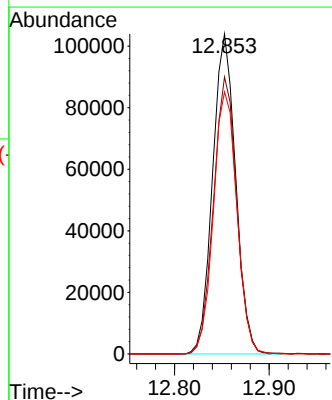
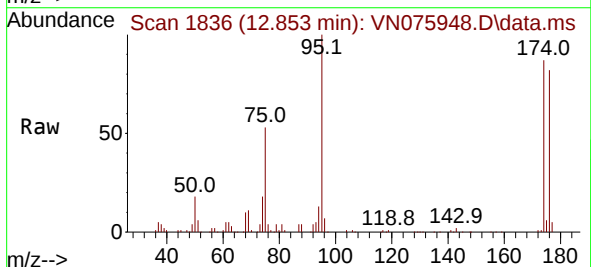
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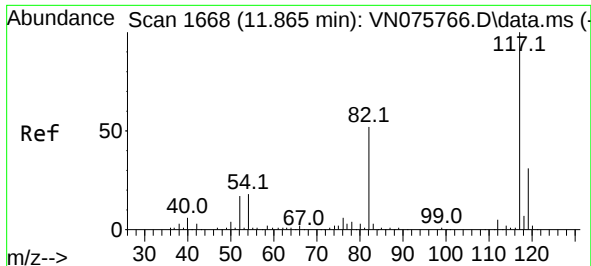
Tgt Ion: 92 Resp: 61205
Ion Ratio Lower Upper
92 100
91 169.6 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 44.885 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075948.D
Acq: 22 Dec 2022 16:27

Tgt Ion: 95 Resp: 175408
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 83.7 0.0 169.2

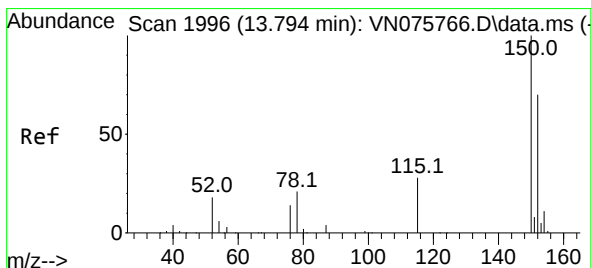
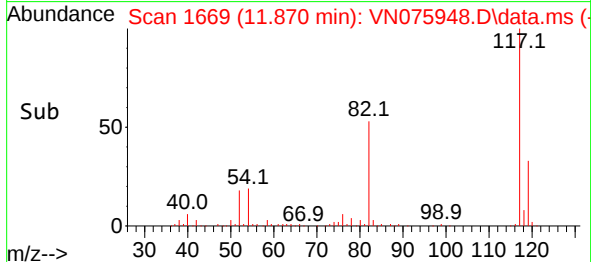
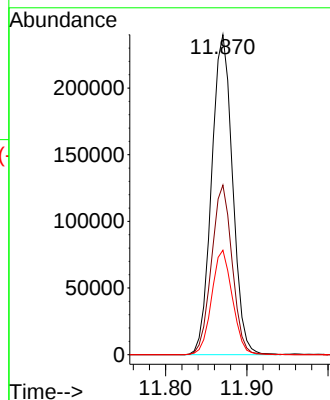
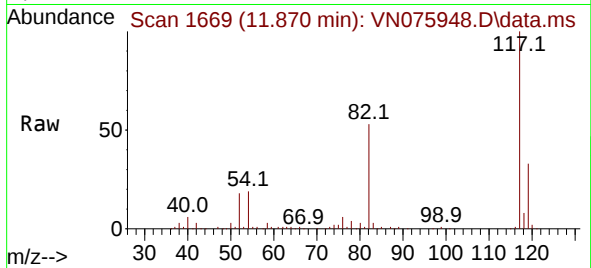




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075948.D
Acq: 22 Dec 2022 16:27

Instrument :
MSVOA_N
ClientSampleId :
AUD-1840

Tgt Ion:117 Resp: 430894
Ion Ratio Lower Upper
117 100
82 53.0 41.3 61.9
119 32.6 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075948.D
Acq: 22 Dec 2022 16:27

Tgt Ion:152 Resp: 172022
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.4
150 157.6 0.0 347.0

