

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080897.D
 Acq On : 05 Feb 2024 15:26
 Operator : JC\MD
 Sample : P1371-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T60-AOP

Quant Time: Feb 06 04:43:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

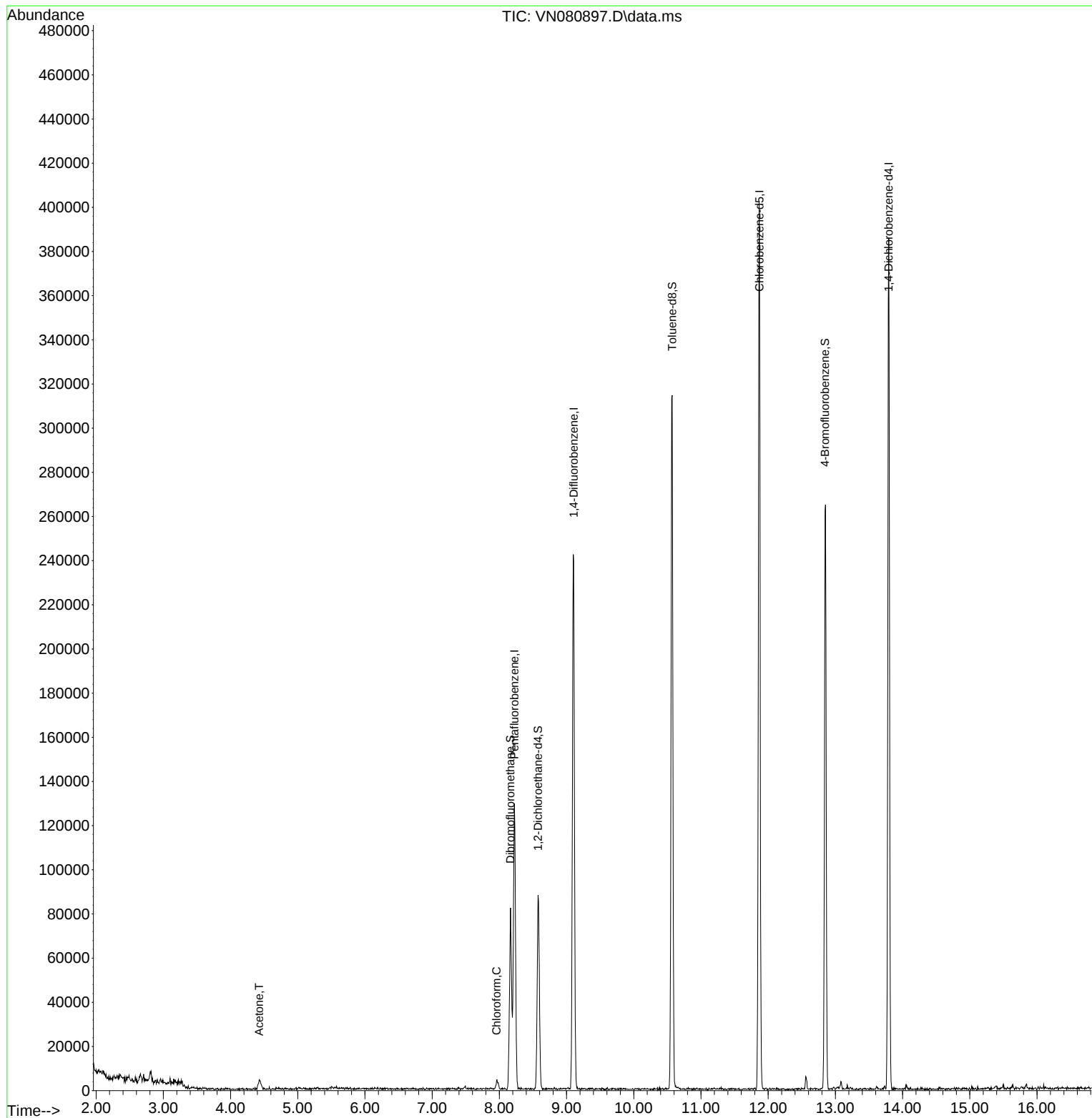
Internal Standards						
1) Pentafluorobenzene	8.224	168	80177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	192741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	203951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	66903	48.234	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.460%
35) Dibromofluoromethane	8.165	113	50941	43.200	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.400%
50) Toluene-d8	10.571	98	205486	44.523	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.040%
62) 4-Bromofluorobenzene	12.847	95	92343	57.416	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.840%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	7828	15.561	ug/l	95
30) Chloroform	7.959	83	3622	1.566	ug/l #	78

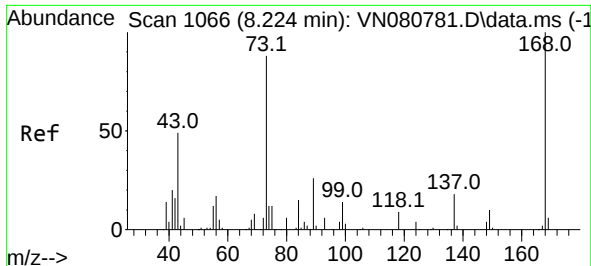
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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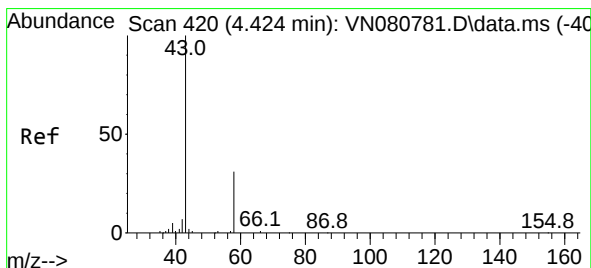
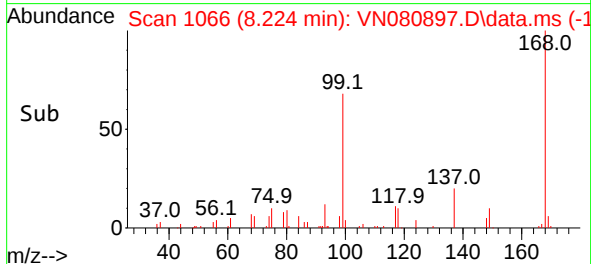
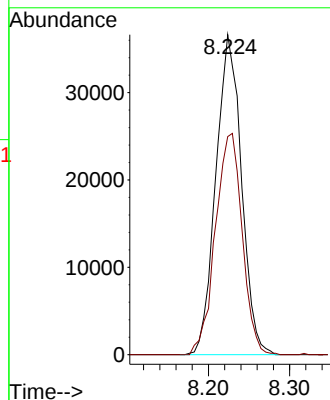
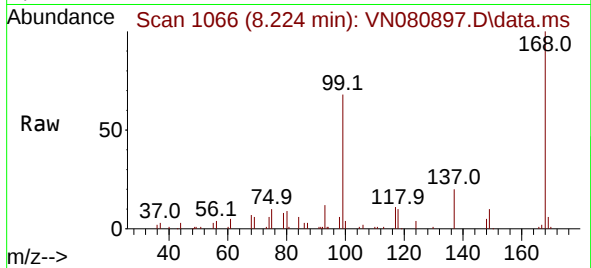




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080897.D
Acq: 05 Feb 2024 15:26

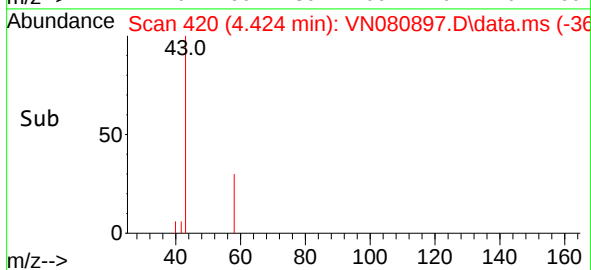
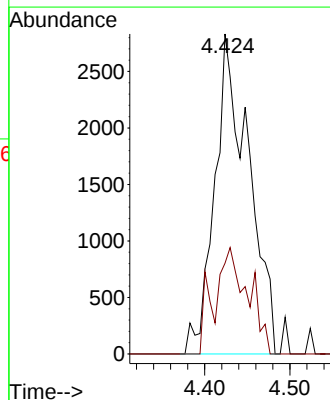
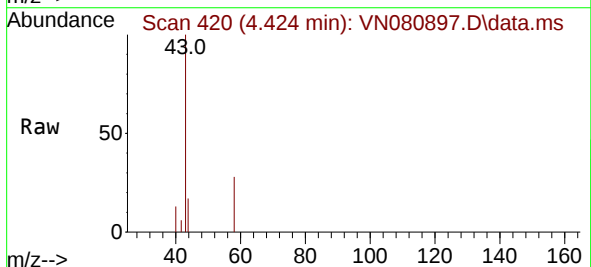
Instrument :
MSVOA_N
ClientSampleId :
T60-AOP

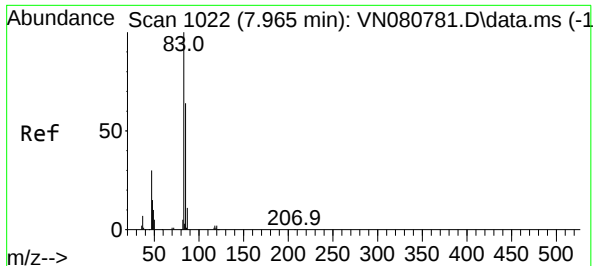
Tgt Ion:168 Resp: 80177
Ion Ratio Lower Upper
168 100
99 68.2 59.9 89.9



#16
Acetone
Concen: 15.561 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080897.D
Acq: 05 Feb 2024 15:26

Tgt Ion: 43 Resp: 7828
Ion Ratio Lower Upper
43 100
58 28.4 24.8 37.2





#30

Chloroform

Concen: 1.566 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN080897.D

Acq: 05 Feb 2024 15:26

Instrument :

MSVOA_N

ClientSampleId :

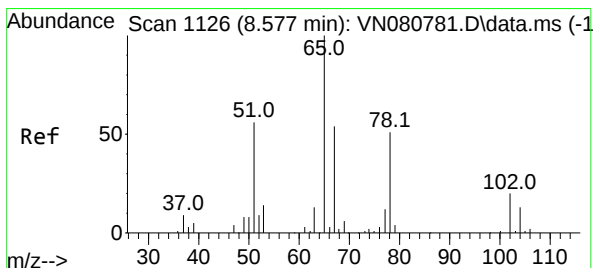
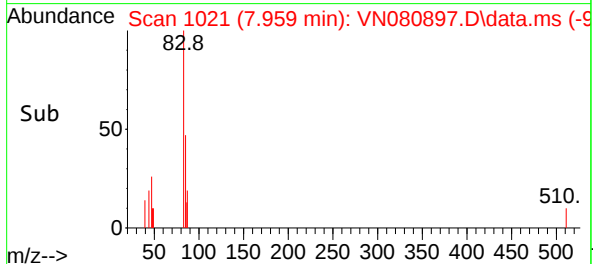
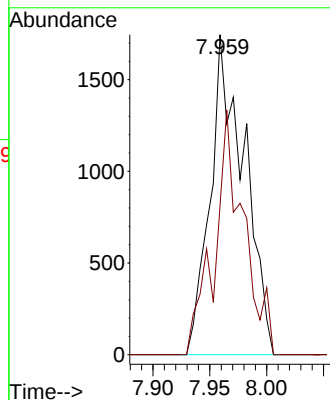
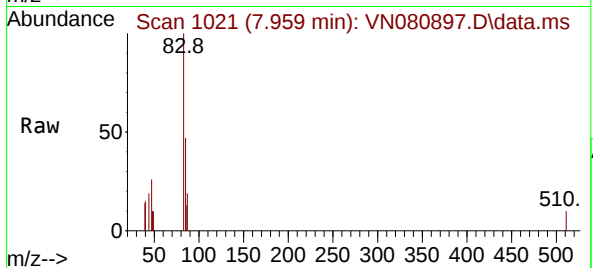
T60-AOP

Tgt Ion: 83 Resp: 3622

Ion Ratio Lower Upper

83 100

85 46.6 51.0 76.6#



#33

1,2-Dichloroethane-d4

Concen: 48.234 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080897.D

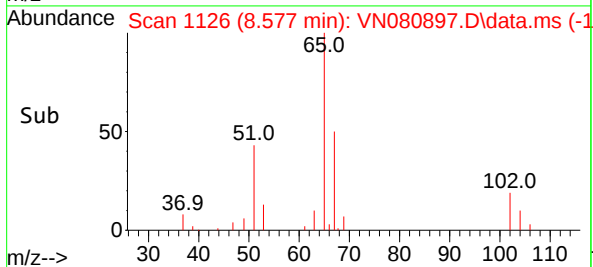
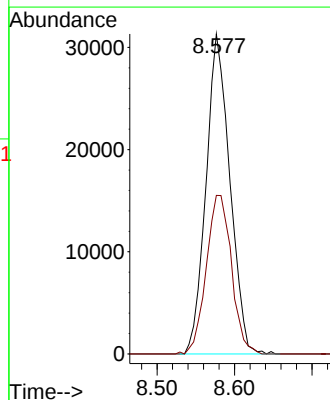
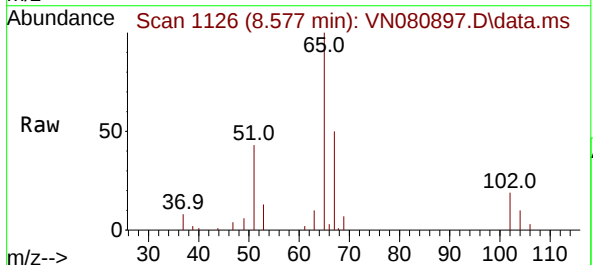
Acq: 05 Feb 2024 15:26

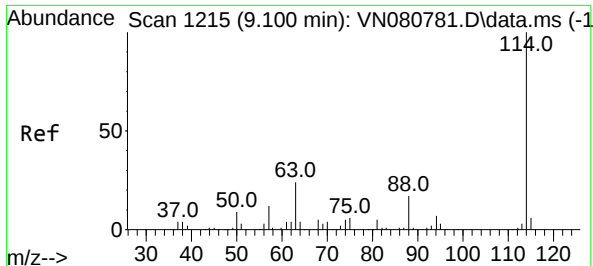
Tgt Ion: 65 Resp: 66903

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.4

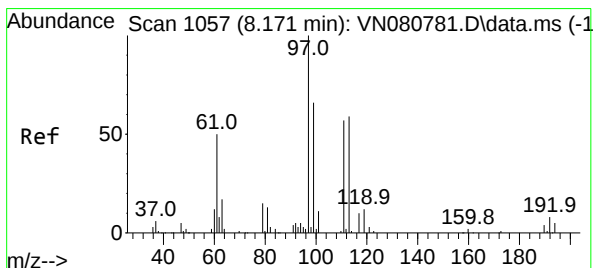
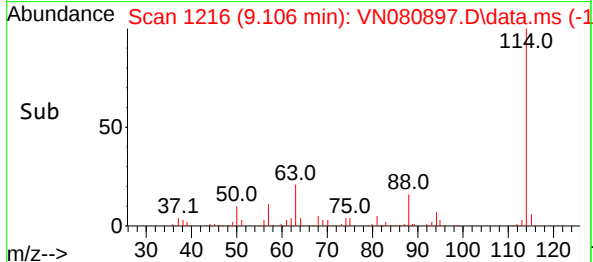
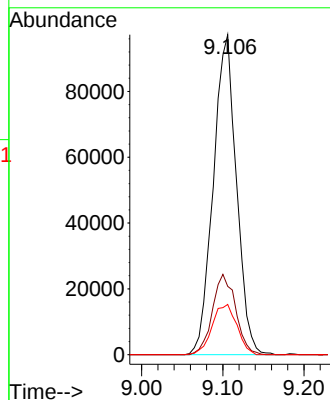
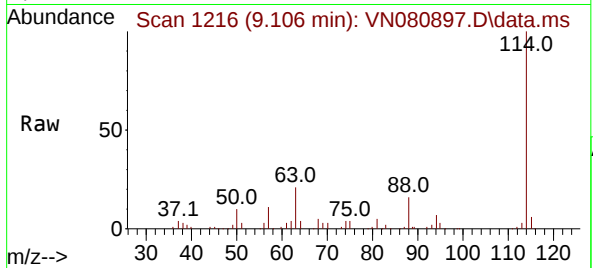




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080897.D
Acq: 05 Feb 2024 15:26

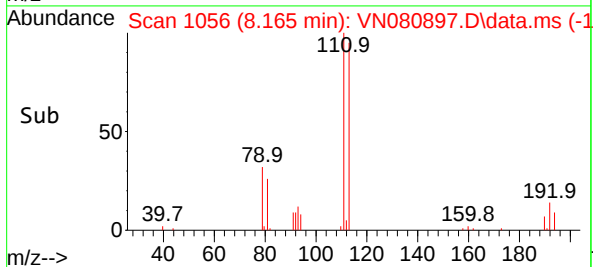
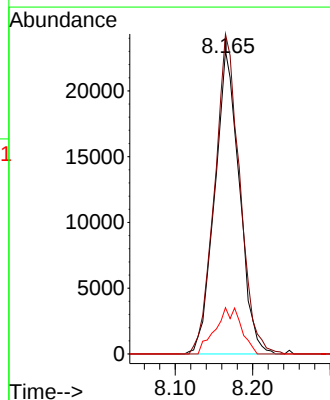
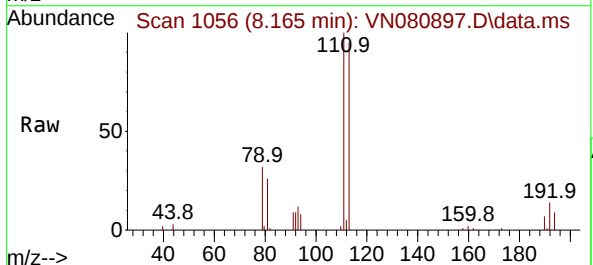
Instrument :
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ClientSampleId :
T60-AOP

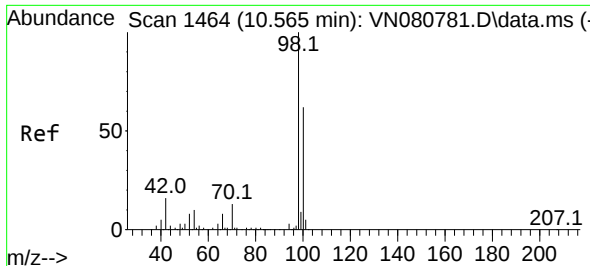
Tgt Ion:114 Resp: 192741
Ion Ratio Lower Upper
114 100
63 21.3 0.0 48.0
88 15.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 43.200 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080897.D
Acq: 05 Feb 2024 15:26

Tgt Ion:113 Resp: 50941
Ion Ratio Lower Upper
113 100
111 107.2 82.2 123.4
192 16.1 12.5 18.7

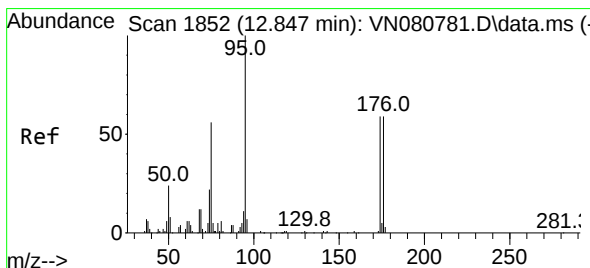
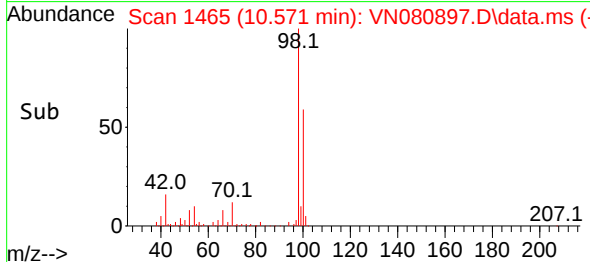
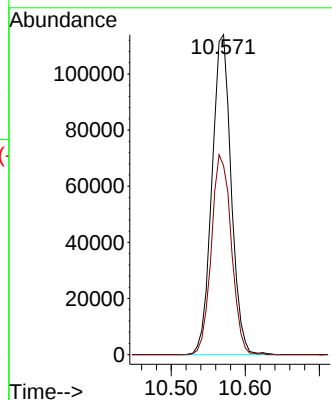
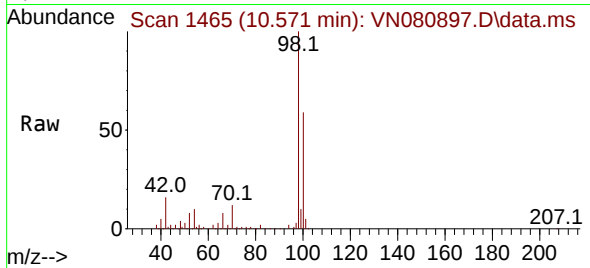




#50
Toluene-d8
Concen: 44.523 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080897.D
Acq: 05 Feb 2024 15:26

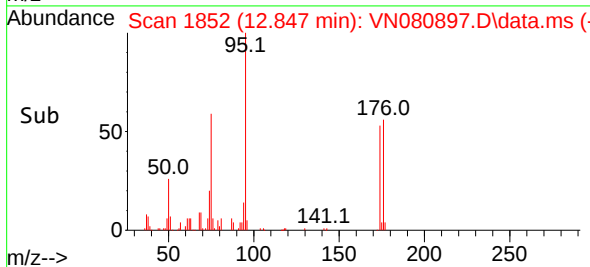
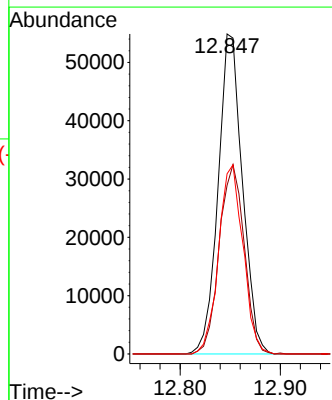
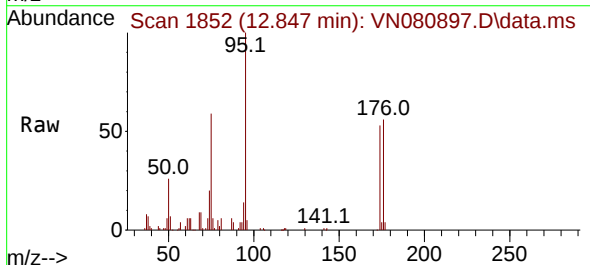
Instrument :
MSVOA_N
ClientSampleId :
T60-AOP

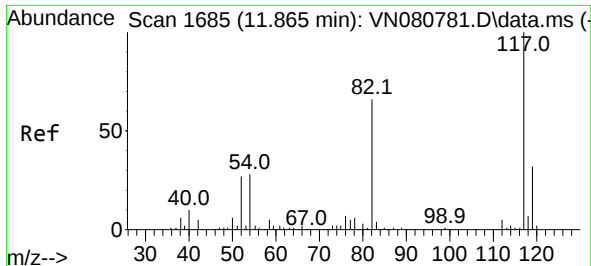
Tgt Ion: 98 Resp: 205486
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 57.416 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080897.D
Acq: 05 Feb 2024 15:26

Tgt Ion: 95 Resp: 92343
Ion Ratio Lower Upper
95 100
174 60.6 0.0 120.4
176 59.3 0.0 121.0

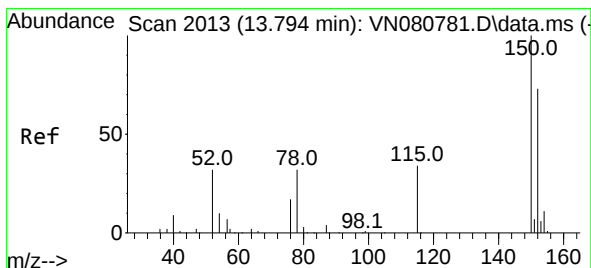
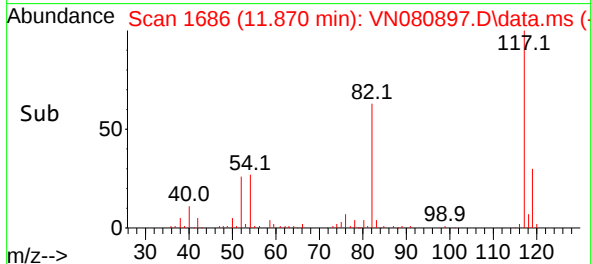
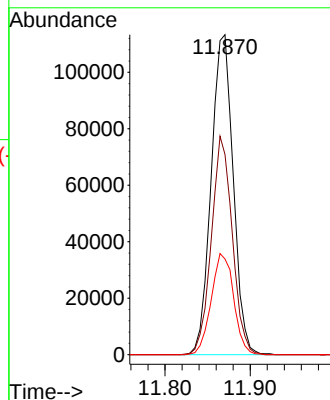
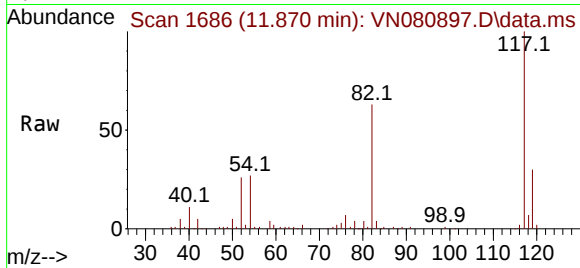




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080897.D
Acq: 05 Feb 2024 15:26

Instrument :
MSVOA_N
ClientSampleId :
T60-AOP

Tgt Ion:117 Resp: 203951
Ion Ratio Lower Upper
117 100
82 62.6 52.7 79.1
119 29.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080897.D
Acq: 05 Feb 2024 15:26

Tgt Ion:152 Resp: 80317
Ion Ratio Lower Upper
152 100
115 73.6 32.3 96.8
150 161.8 0.0 339.8

