

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080848.D
 Acq On : 31 Jan 2024 18:19
 Operator : JC\MD
 Sample : P1284-09 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31913

Quant Time: Jan 31 23:20:55 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)

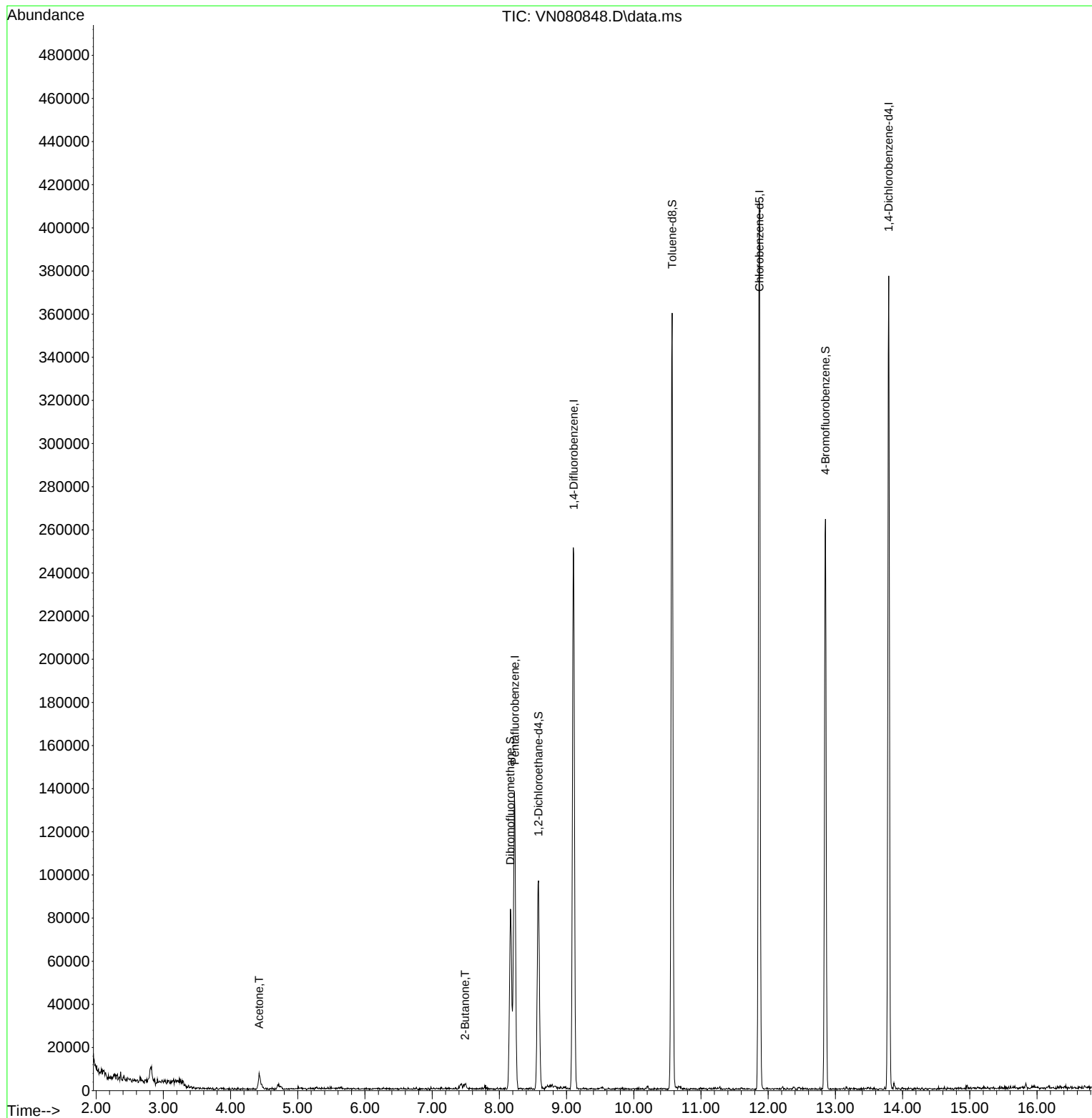
Internal Standards						
1) Pentafluorobenzene	8.230	168	85355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	194678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	213173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	73736	49.936	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.880%
35) Dibromofluoromethane	8.165	113	56122	47.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.240%
50) Toluene-d8	10.571	98	231020	49.557	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.853	95	88554	54.513	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.020%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	11698	21.844	ug/l	96
25) 2-Butanone	7.488	43	4016	3.948	ug/l #	90

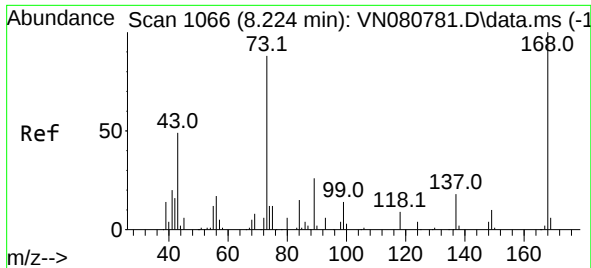
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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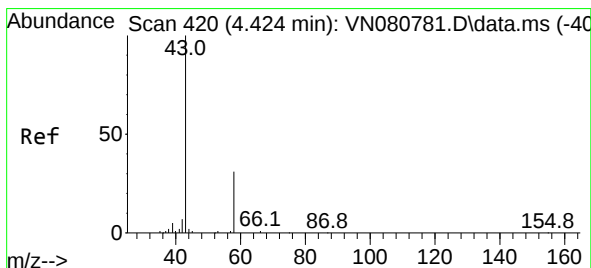
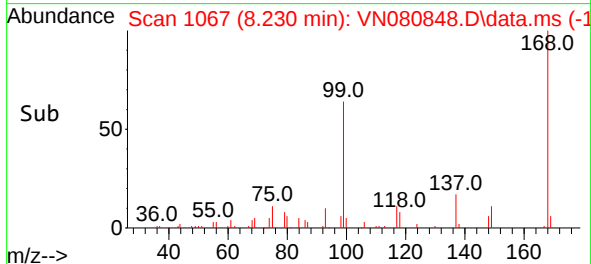
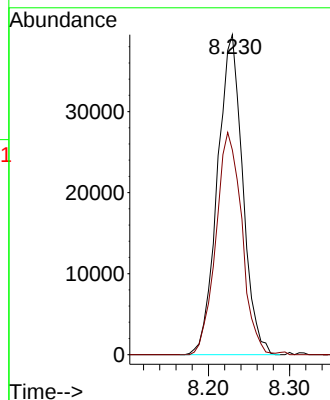
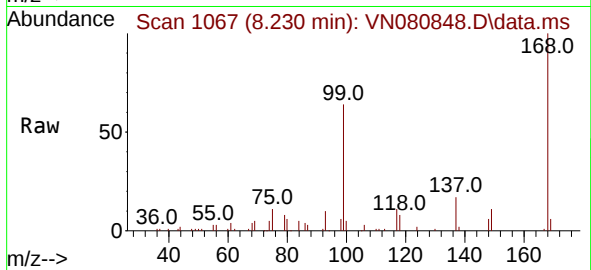




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

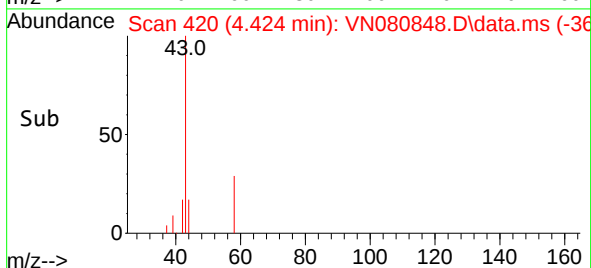
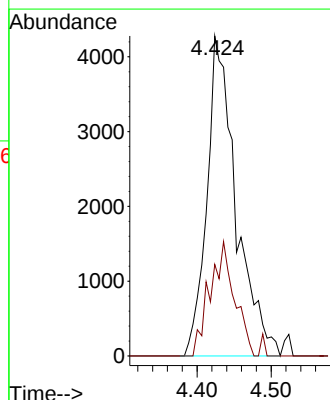
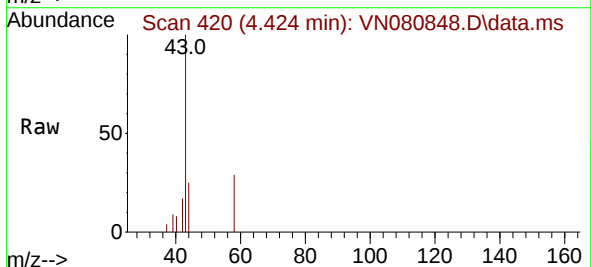
Instrument :
MSVOA_N
ClientSampleId :
31913

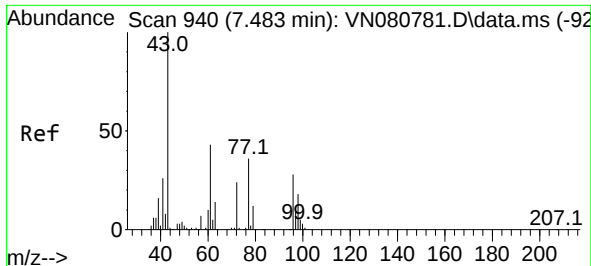
Tgt Ion:168 Resp: 85355
Ion Ratio Lower Upper
168 100
99 63.9 59.9 89.9



#16
Acetone
Concen: 21.844 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

Tgt Ion: 43 Resp: 11698
Ion Ratio Lower Upper
43 100
58 28.6 24.8 37.2

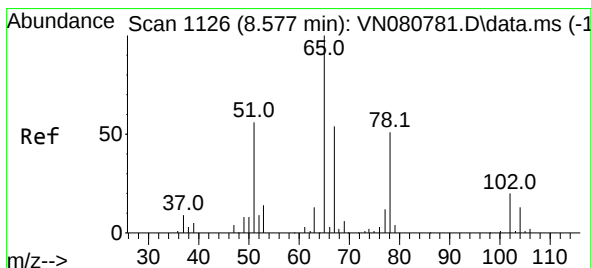
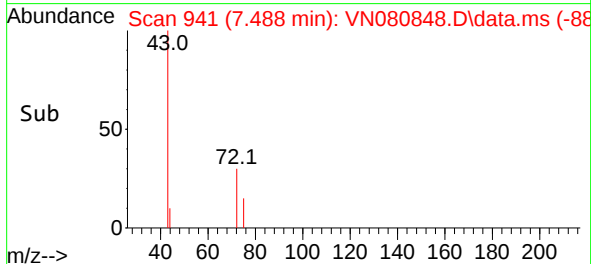
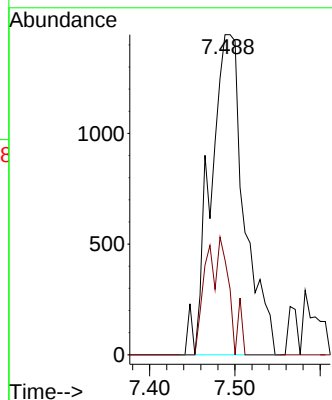
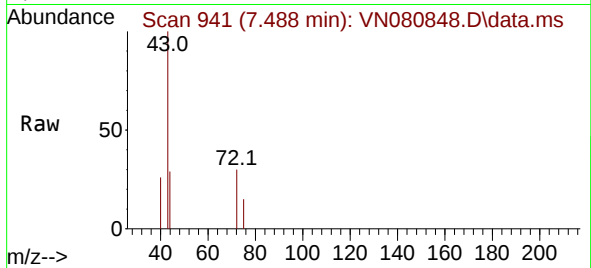




#25
2-Butanone
Concen: 3.948 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

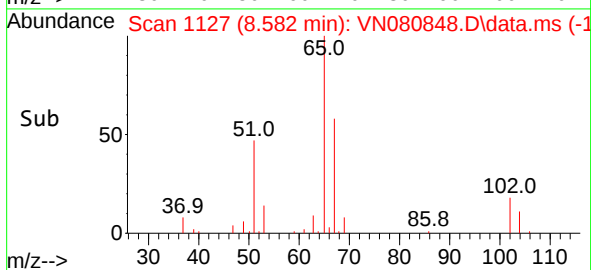
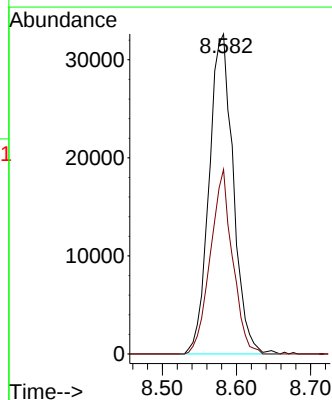
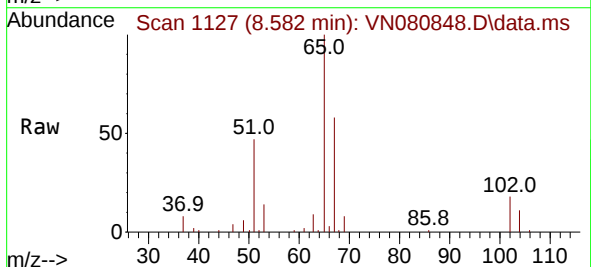
Instrument :
MSVOA_N
ClientSampleId :
31913

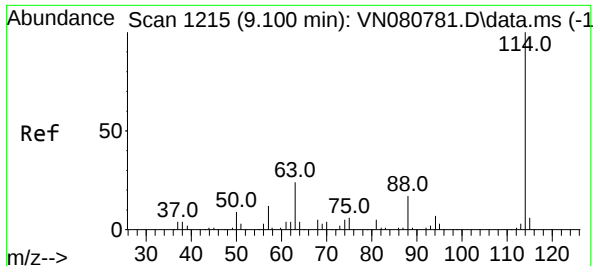
Tgt Ion: 43 Resp: 4016
Ion Ratio Lower Upper
43 100
72 29.6 19.5 29.3#



#33
1,2-Dichloroethane-d4
Concen: 49.936 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

Tgt Ion: 65 Resp: 73736
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080848.D

Acq: 31 Jan 2024 18:19

Instrument :

MSVOA_N

ClientSampleId :

31913

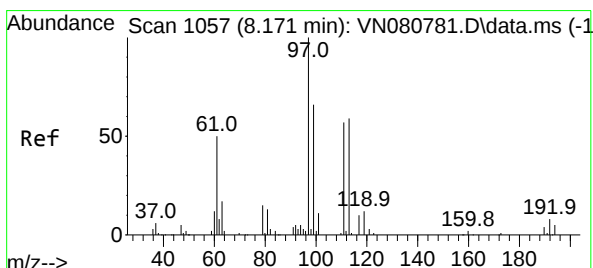
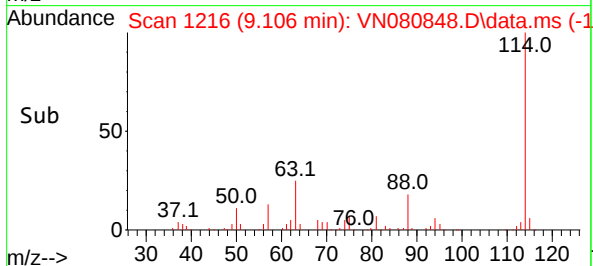
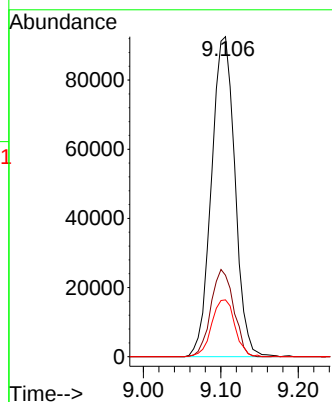
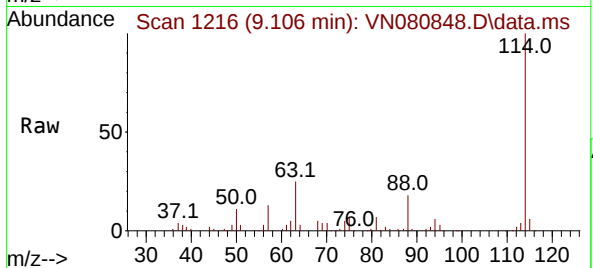
Tgt Ion:114 Resp: 194678

Ion Ratio Lower Upper

114 100

63 25.5 0.0 48.0

88 17.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.120 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080848.D

Acq: 31 Jan 2024 18:19

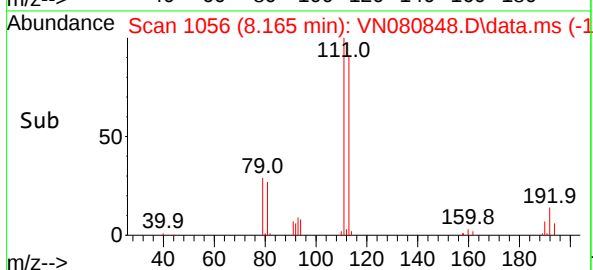
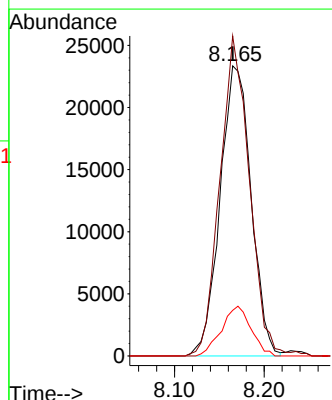
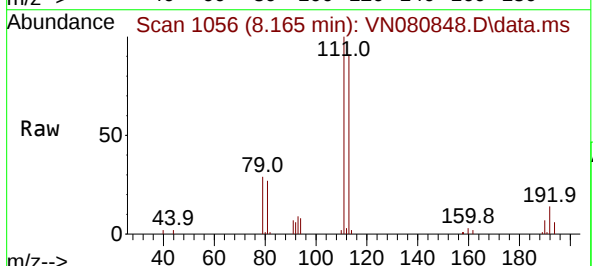
Tgt Ion:113 Resp: 56122

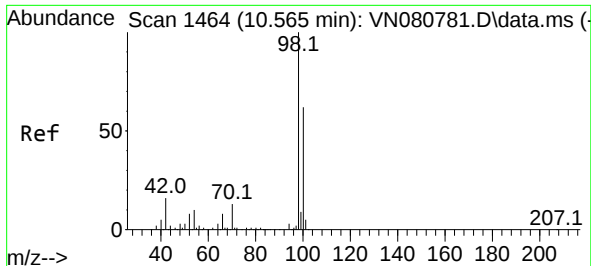
Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

192 16.3 12.5 18.7

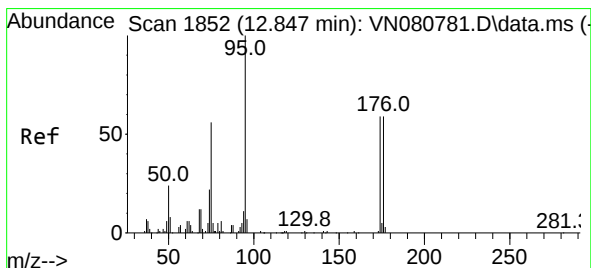
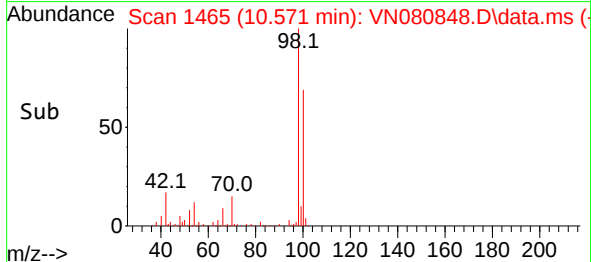
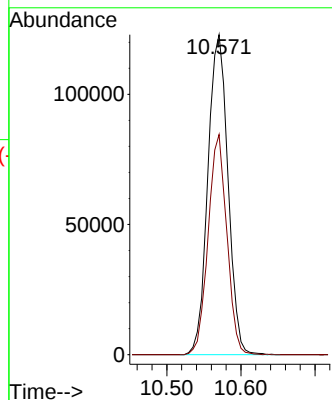
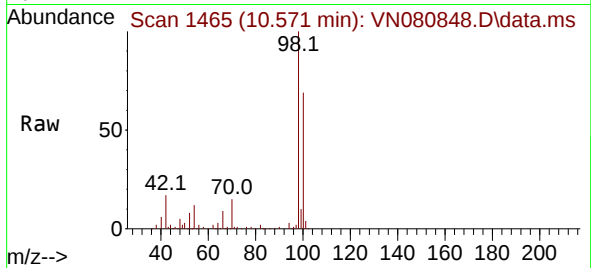




#50
Toluene-d8
Concen: 49.557 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

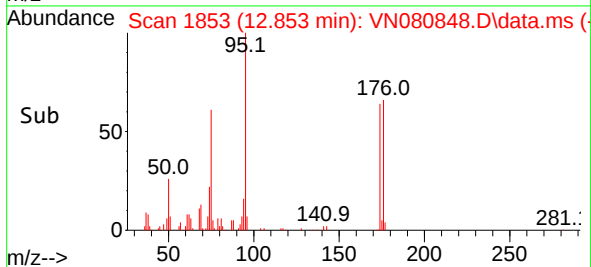
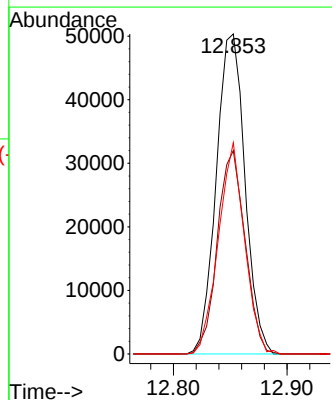
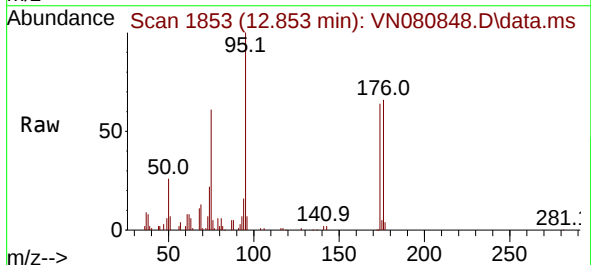
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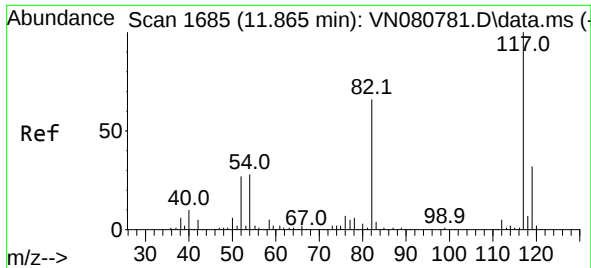
Tgt Ion: 98 Resp: 231020
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 54.513 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

Tgt Ion: 95 Resp: 88554
Ion Ratio Lower Upper
95 100
174 61.3 0.0 120.4
176 60.2 0.0 121.0

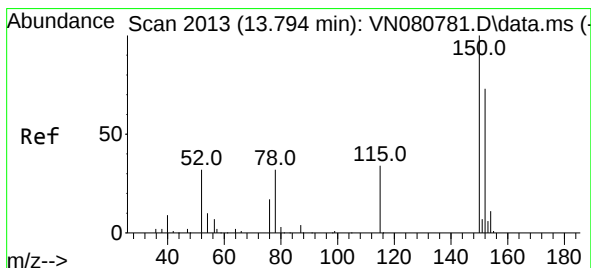
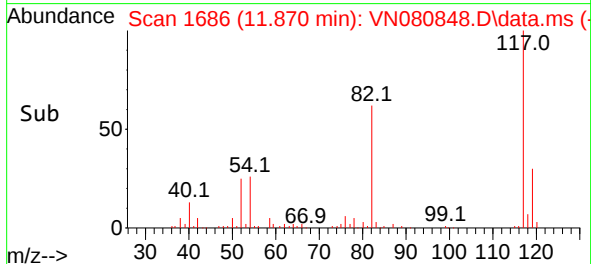
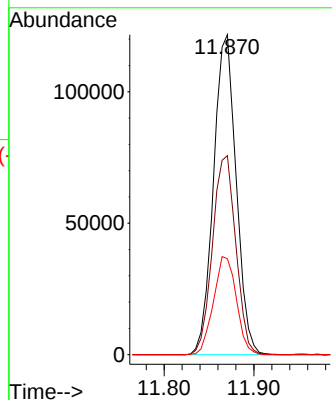
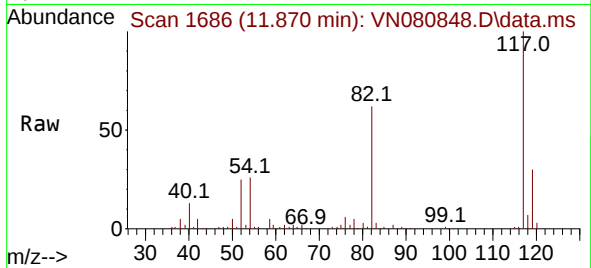




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

Instrument :
MSVOA_N
ClientSampleId :
31913

Tgt Ion:117 Resp: 213173
Ion Ratio Lower Upper
117 100
82 62.2 52.7 79.1
119 30.0 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: VN080848.D
Acq: 31 Jan 2024 18:19

Tgt Ion:152 Resp: 86348
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 153.8 0.0 339.8

