

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081228.D
 Acq On : 27 Feb 2024 18:48
 Operator : JC\MD
 Sample : P1590-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20240222

Quant Time: Feb 28 04:23:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

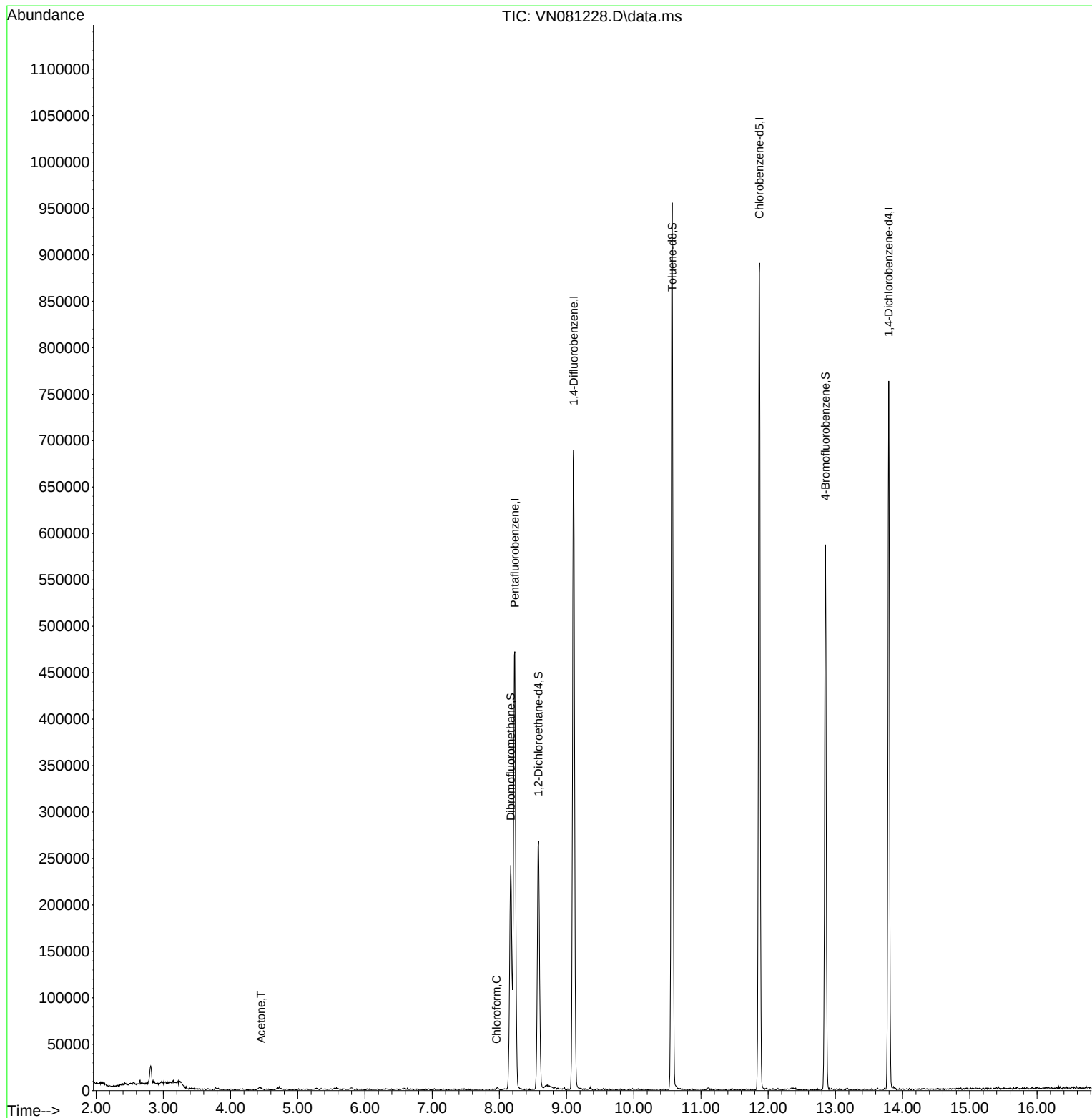
Internal Standards						
1) Pentafluorobenzene	8.230	168	317654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	597271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	507699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	215283	55.292	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.580%
35) Dibromofluoromethane	8.171	113	171629	50.817	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.640%
50) Toluene-d8	10.571	98	643268	53.625	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.260%
62) 4-Bromofluorobenzene	12.853	95	199312	44.219	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.440%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	4933	3.220	ug/l #	79
30) Chloroform	7.959	83	1661	0.223	ug/l	89

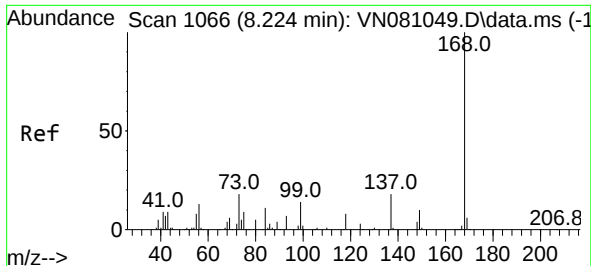
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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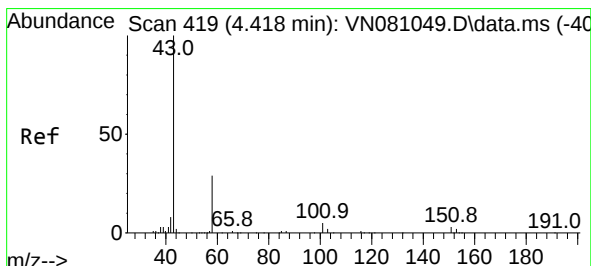
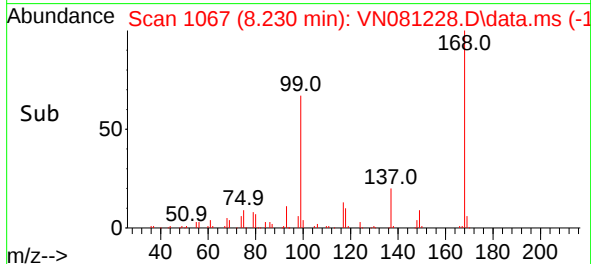
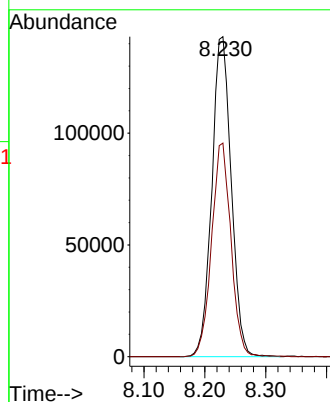
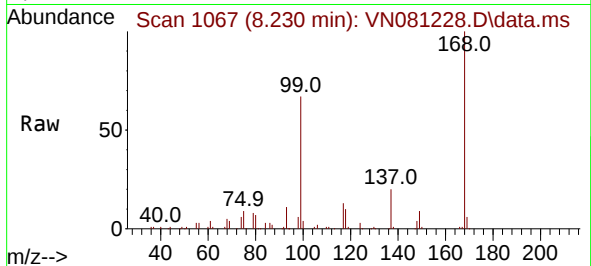




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081228.D
Acq: 27 Feb 2024 18:48

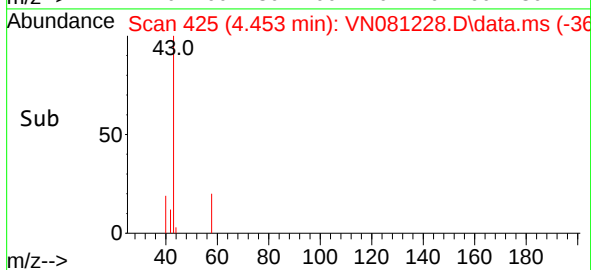
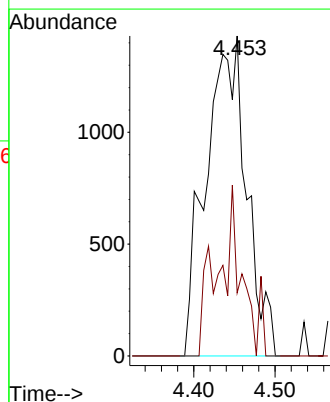
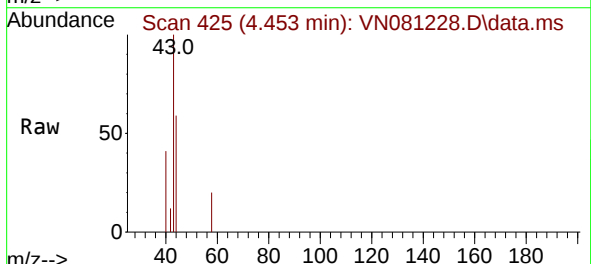
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20240222

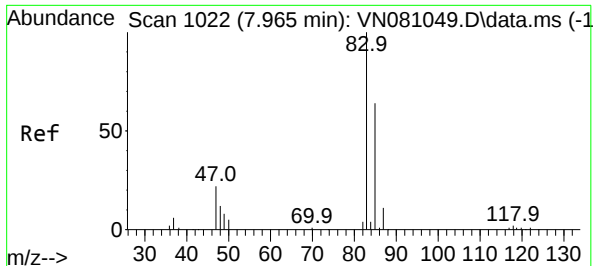
Tgt Ion:168 Resp: 317654
Ion Ratio Lower Upper
168 100
99 66.7 59.9 89.9



#16
Acetone
Concen: 3.220 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.035 min
Lab File: VN081228.D
Acq: 27 Feb 2024 18:48

Tgt Ion: 43 Resp: 4933
Ion Ratio Lower Upper
43 100
58 19.7 24.8 37.2#





#30

Chloroform

Concen: 0.223 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN081228.D

Acq: 27 Feb 2024 18:48

Instrument :

MSVOA_N

ClientSampleId :

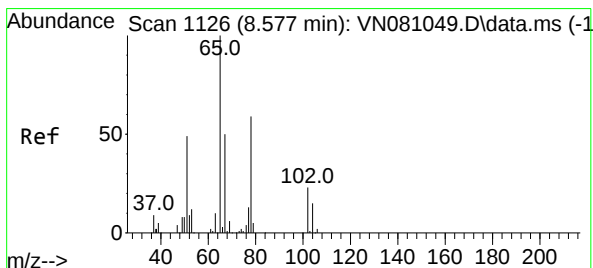
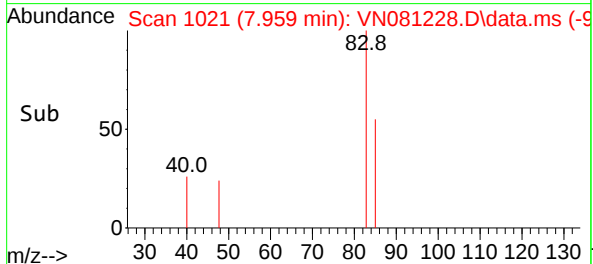
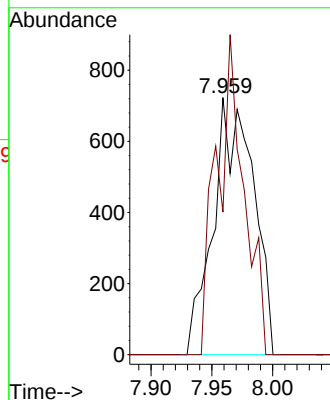
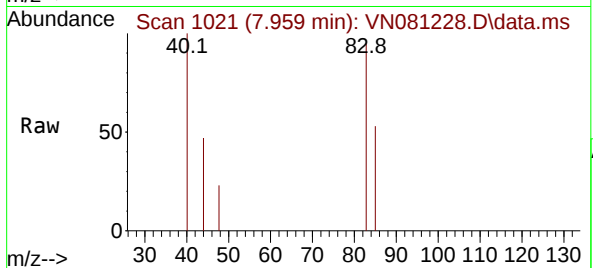
TT15811-20240222

Tgt Ion: 83 Resp: 1661

Ion Ratio Lower Upper

83 100

85 55.5 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 55.292 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081228.D

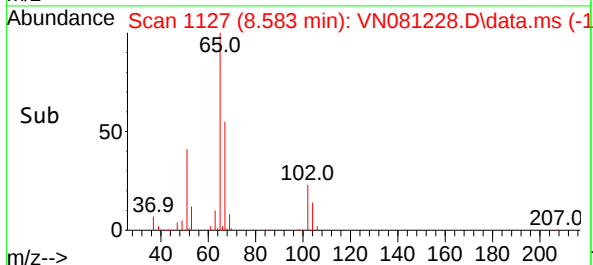
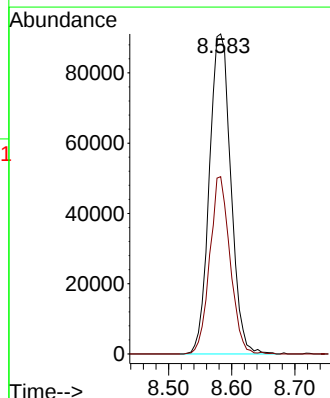
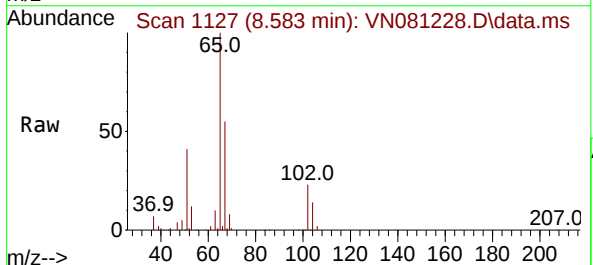
Acq: 27 Feb 2024 18:48

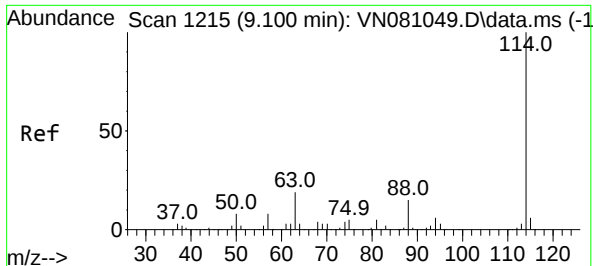
Tgt Ion: 65 Resp: 215283

Ion Ratio Lower Upper

65 100

67 52.4 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: VN081228.D

Acq: 27 Feb 2024 18:48

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20240222

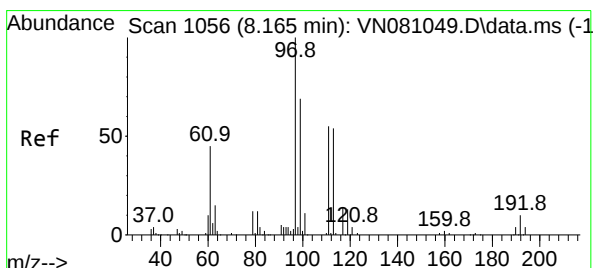
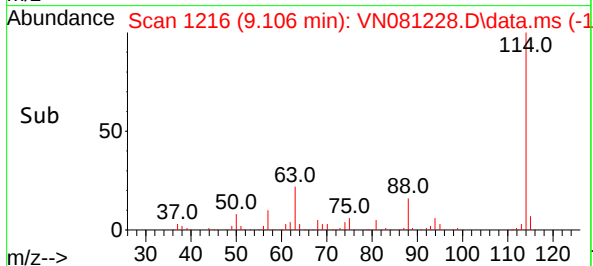
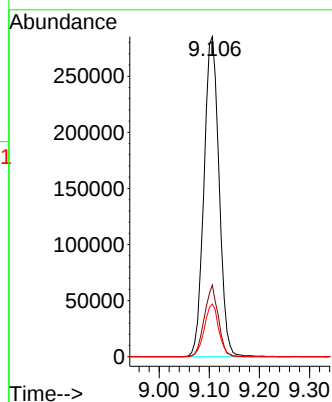
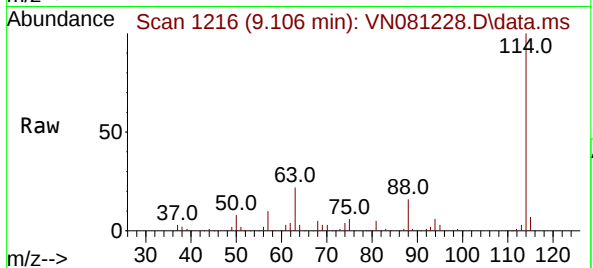
Tgt Ion:114 Resp: 597271

Ion Ratio Lower Upper

114 100

63 22.4 0.0 48.0

88 16.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.817 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081228.D

Acq: 27 Feb 2024 18:48

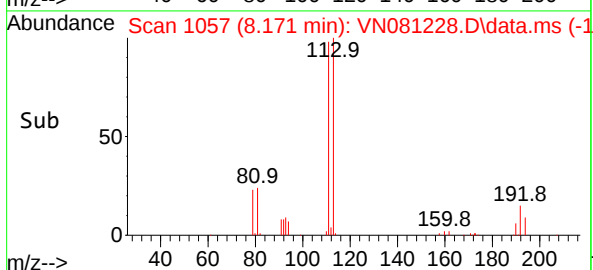
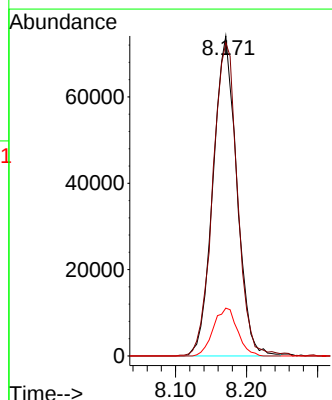
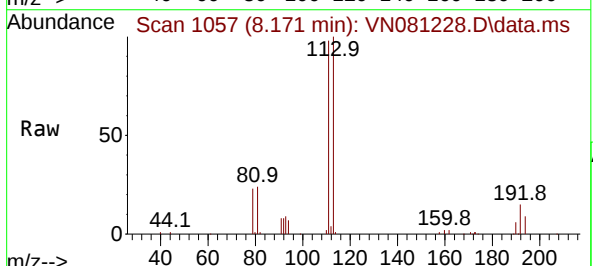
Tgt Ion:113 Resp: 171629

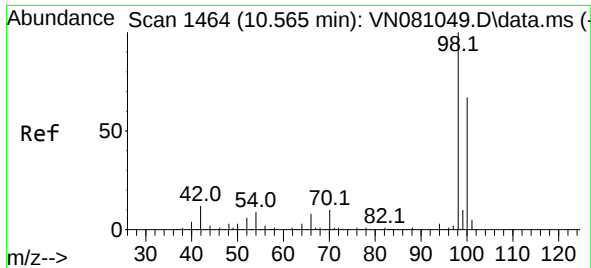
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 15.2 12.5 18.7

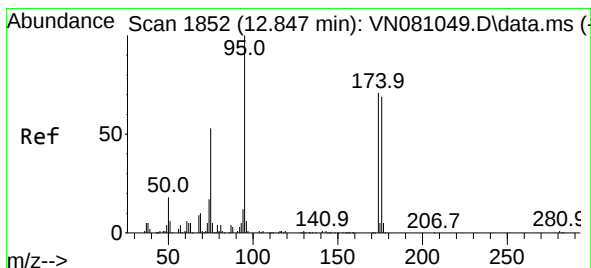
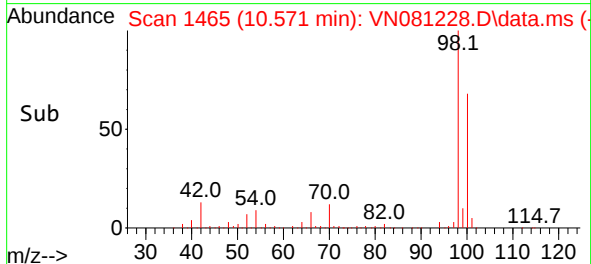
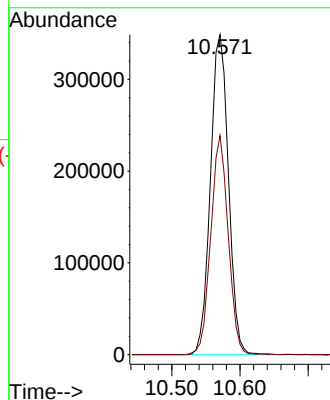
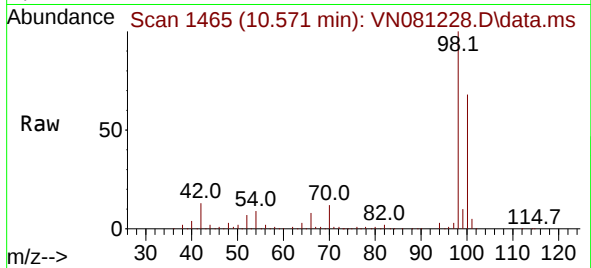




#50
Toluene-d8
Concen: 53.625 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081228.D
Acq: 27 Feb 2024 18:48

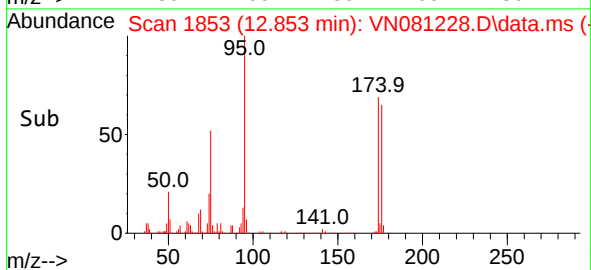
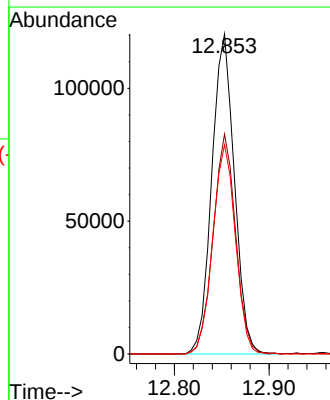
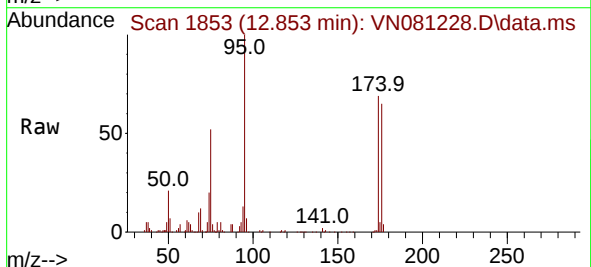
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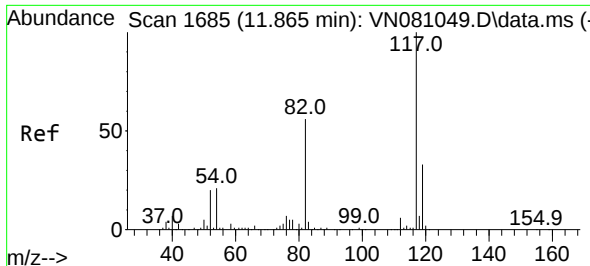
Tgt Ion: 98 Resp: 643268
Ion Ratio Lower Upper
98 100
100 66.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.219 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081228.D
Acq: 27 Feb 2024 18:48

Tgt Ion: 95 Resp: 199312
Ion Ratio Lower Upper
95 100
174 68.5 0.0 120.4
176 65.8 0.0 121.0

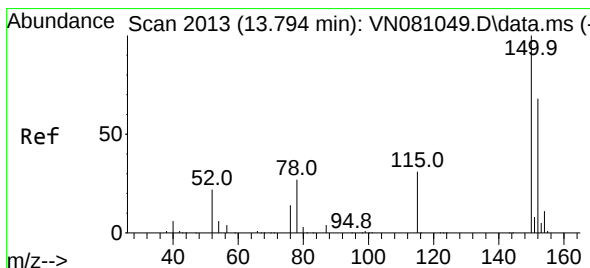
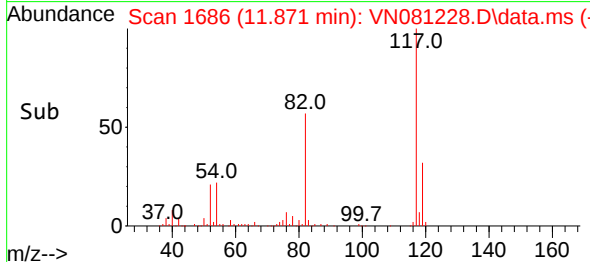
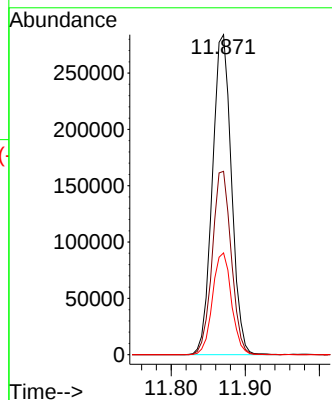
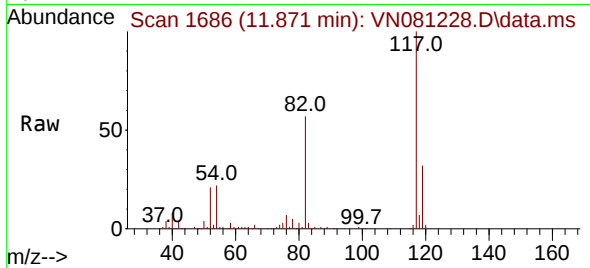




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081228.D
Acq: 27 Feb 2024 18:48

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20240222

Tgt Ion:117 Resp: 507699
Ion Ratio Lower Upper
117 100
82 57.3 52.7 79.1
119 31.8 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: VN081228.D
Acq: 27 Feb 2024 18:48

Tgt Ion:152 Resp: 184156
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 158.2 0.0 339.8

