

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081567.D
 Acq On : 25 Mar 2024 17:40
 Operator : JC\MD
 Sample : P1840-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Mar 26 01:21:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	391640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	696581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	624190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240853	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	258441	51.746	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.500%
35) Dibromofluoromethane	8.171	113	218278	49.652	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.300%
50) Toluene-d8	10.571	98	830480	52.259	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.520%
62) 4-Bromofluorobenzene	12.853	95	258620	46.186	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.380%

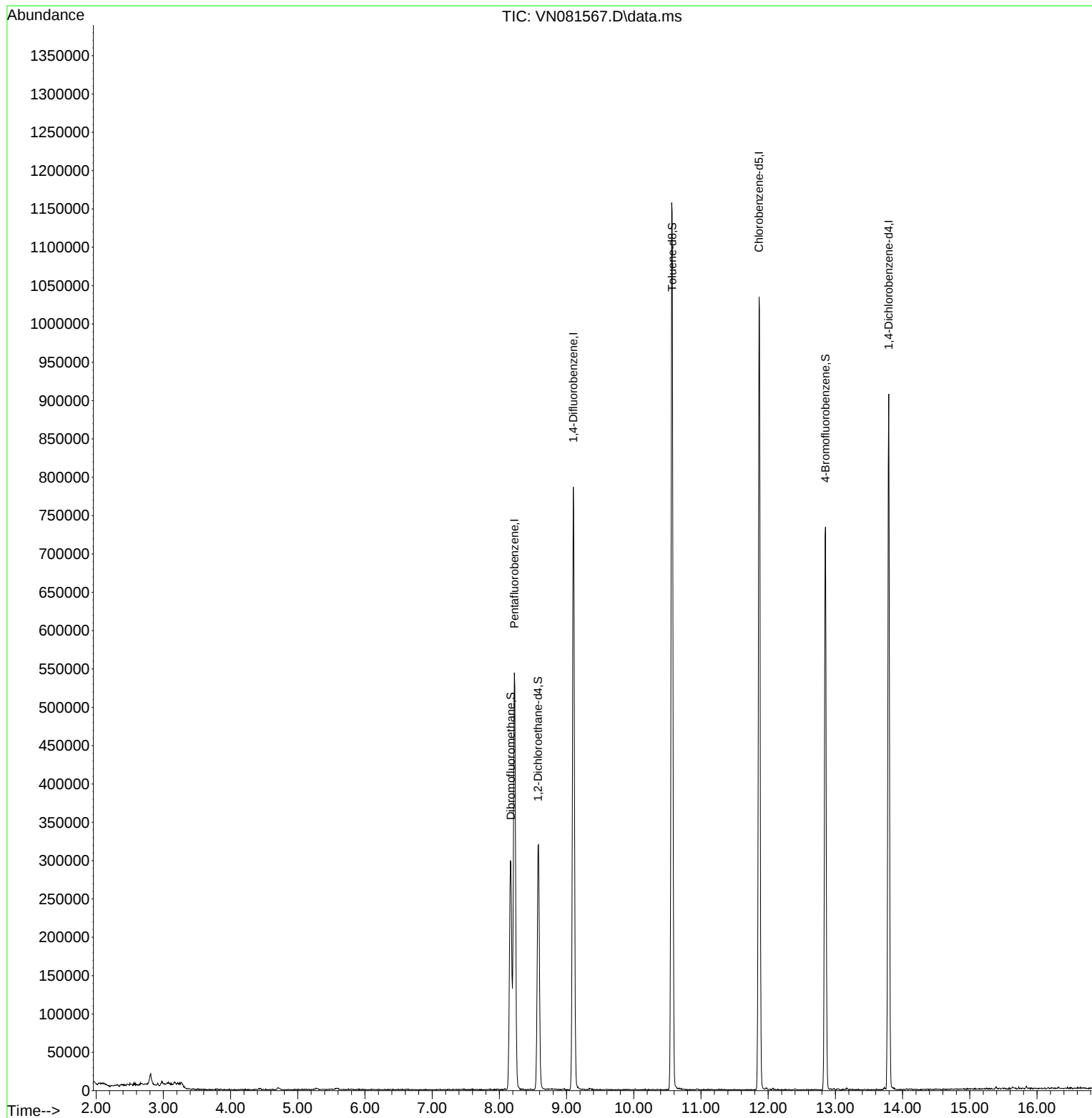
Target Compounds	Qvalue

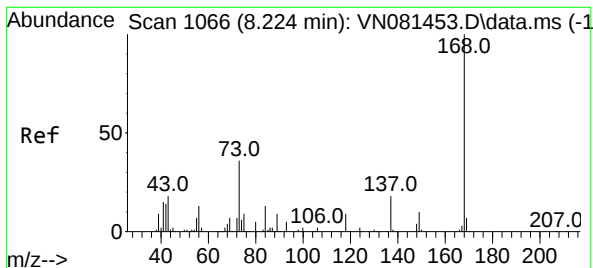
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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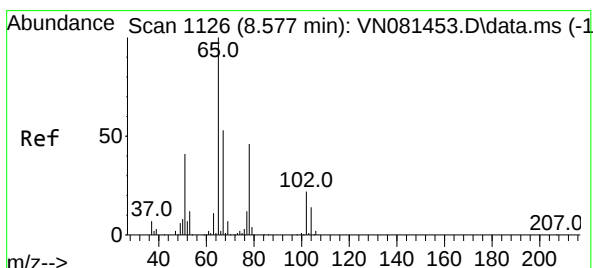
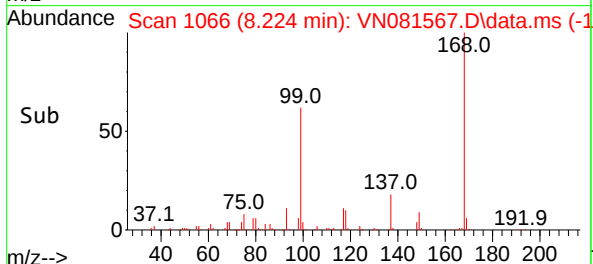
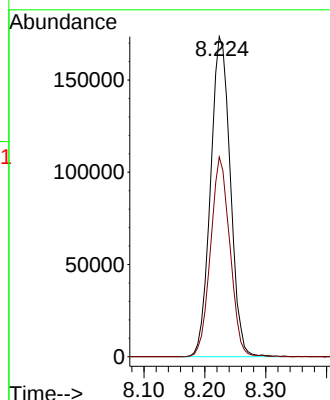
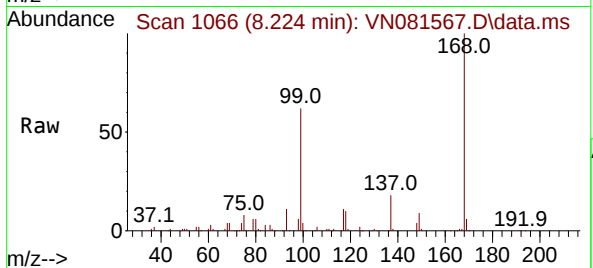




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081567.D
Acq: 25 Mar 2024 17:40

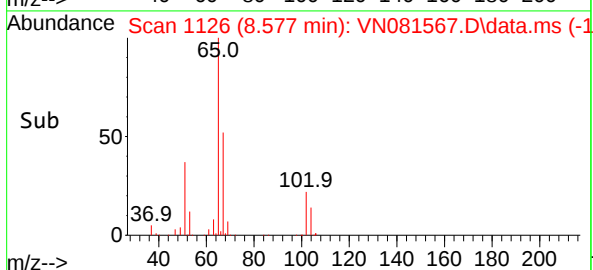
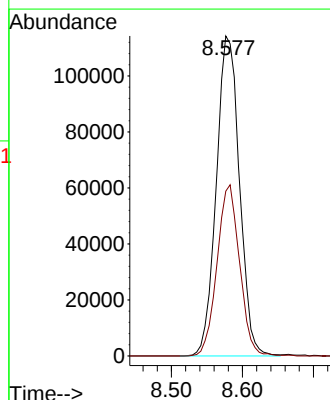
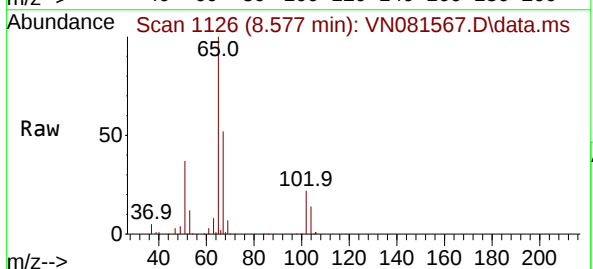
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

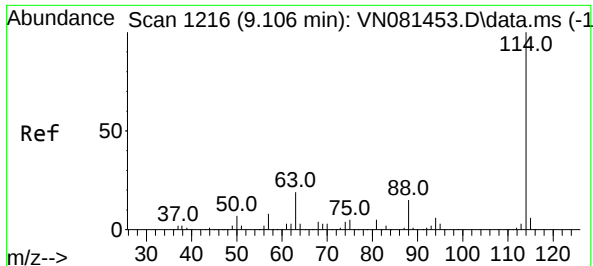
Tgt Ion:168 Resp: 391640
Ion Ratio Lower Upper
168 100
99 62.4 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 51.746 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081567.D
Acq: 25 Mar 2024 17:40

Tgt Ion: 65 Resp: 258441
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081567.D

Acq: 25 Mar 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

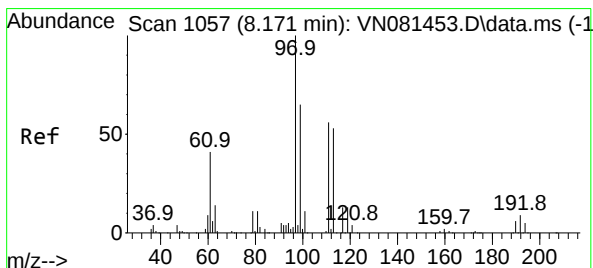
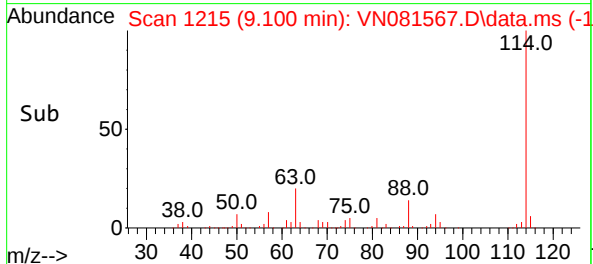
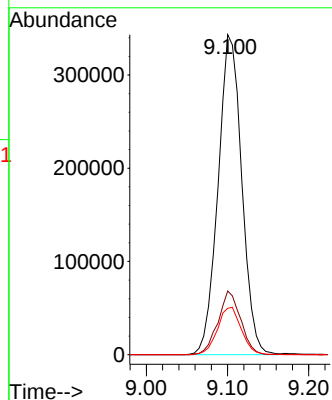
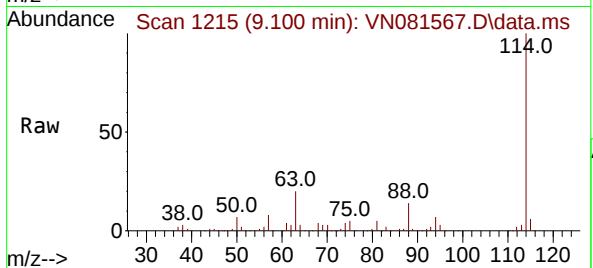
Tgt Ion:114 Resp: 696581

Ion Ratio Lower Upper

114 100

63 19.9 0.0 48.0

88 14.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.652 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081567.D

Acq: 25 Mar 2024 17:40

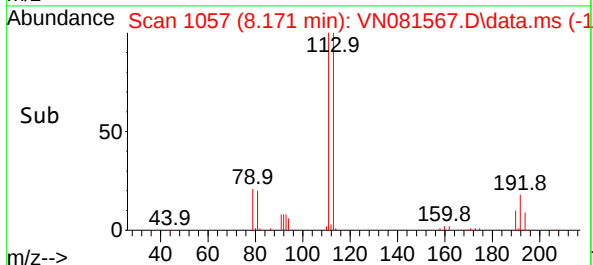
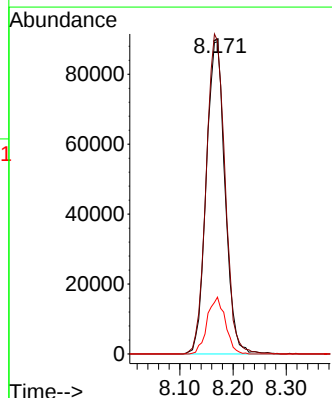
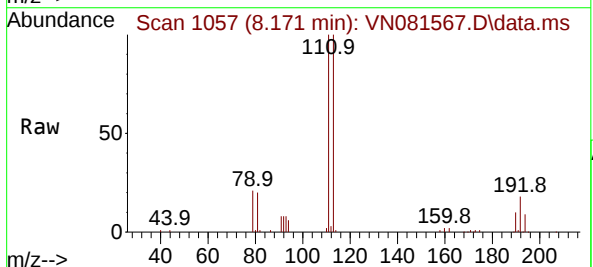
Tgt Ion:113 Resp: 218278

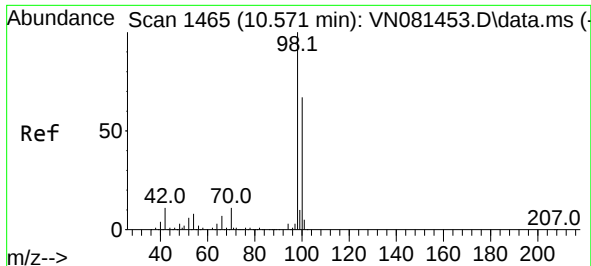
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 17.6 12.5 18.7

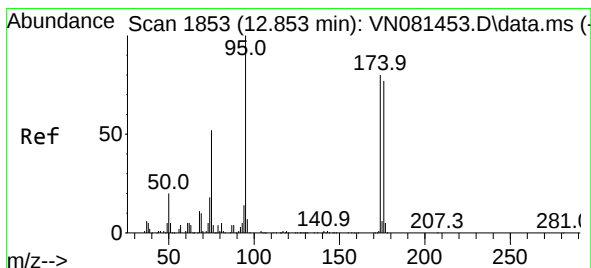
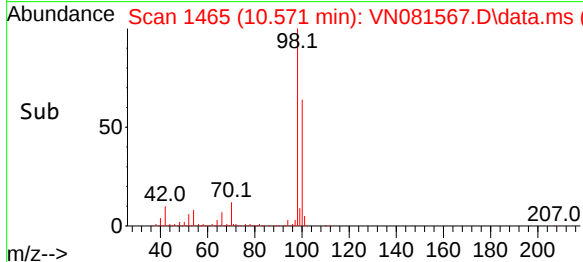
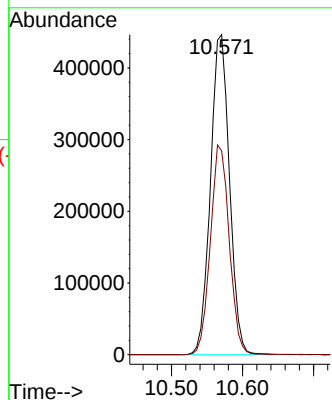
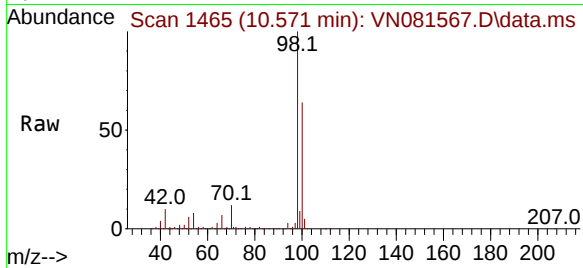




#50
Toluene-d8
Concen: 52.259 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081567.D
Acq: 25 Mar 2024 17:40

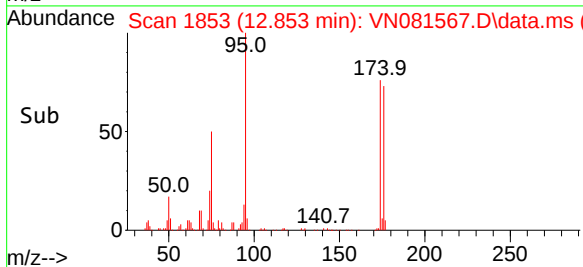
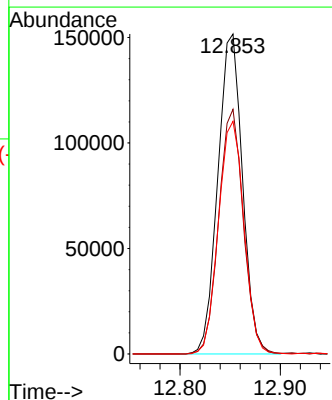
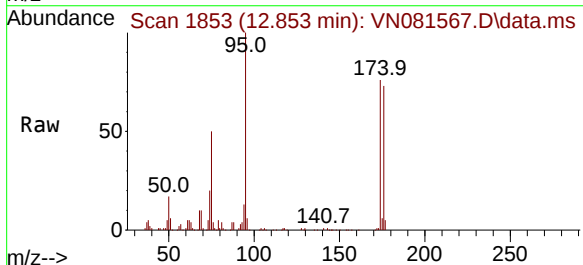
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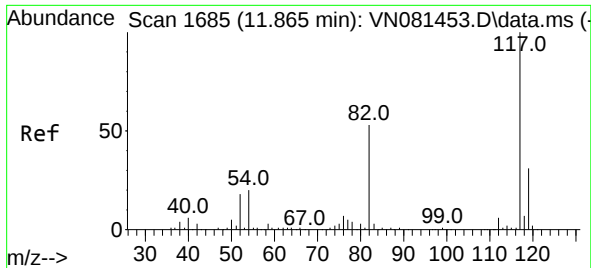
Tgt Ion: 98 Resp: 830480
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.186 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081567.D
Acq: 25 Mar 2024 17:40

Tgt Ion: 95 Resp: 258620
Ion Ratio Lower Upper
95 100
174 76.4 0.0 120.4
176 75.3 0.0 121.0

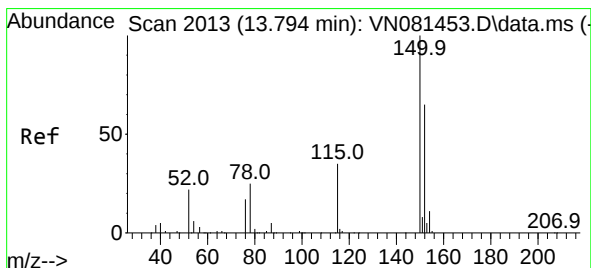
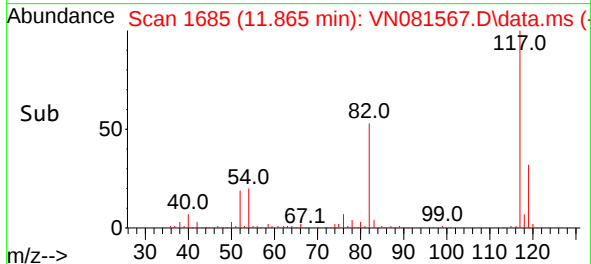
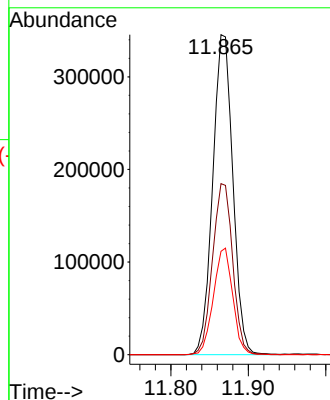
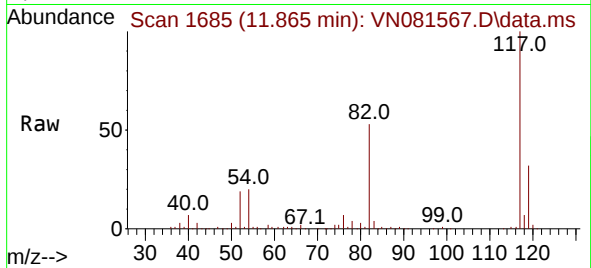




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081567.D
Acq: 25 Mar 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 624190
Ion Ratio Lower Upper
117 100
82 53.5 52.7 79.1
119 32.3 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: VN081567.D
Acq: 25 Mar 2024 17:40

Tgt Ion:152 Resp: 240853
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 160.5 0.0 339.8

