

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081792.D
 Acq On : 18 Apr 2024 17:06
 Operator : JC\MD
 Sample : P2121-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4827

Quant Time: Apr 19 01:26:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	226172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	395466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	367382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162091	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	164878	51.806	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.620%
35) Dibromofluoromethane	8.165	113	130451	49.954	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.900%
50) Toluene-d8	10.571	98	495399	51.494	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.980%
62) 4-Bromofluorobenzene	12.853	95	172971	52.614	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	105.220%

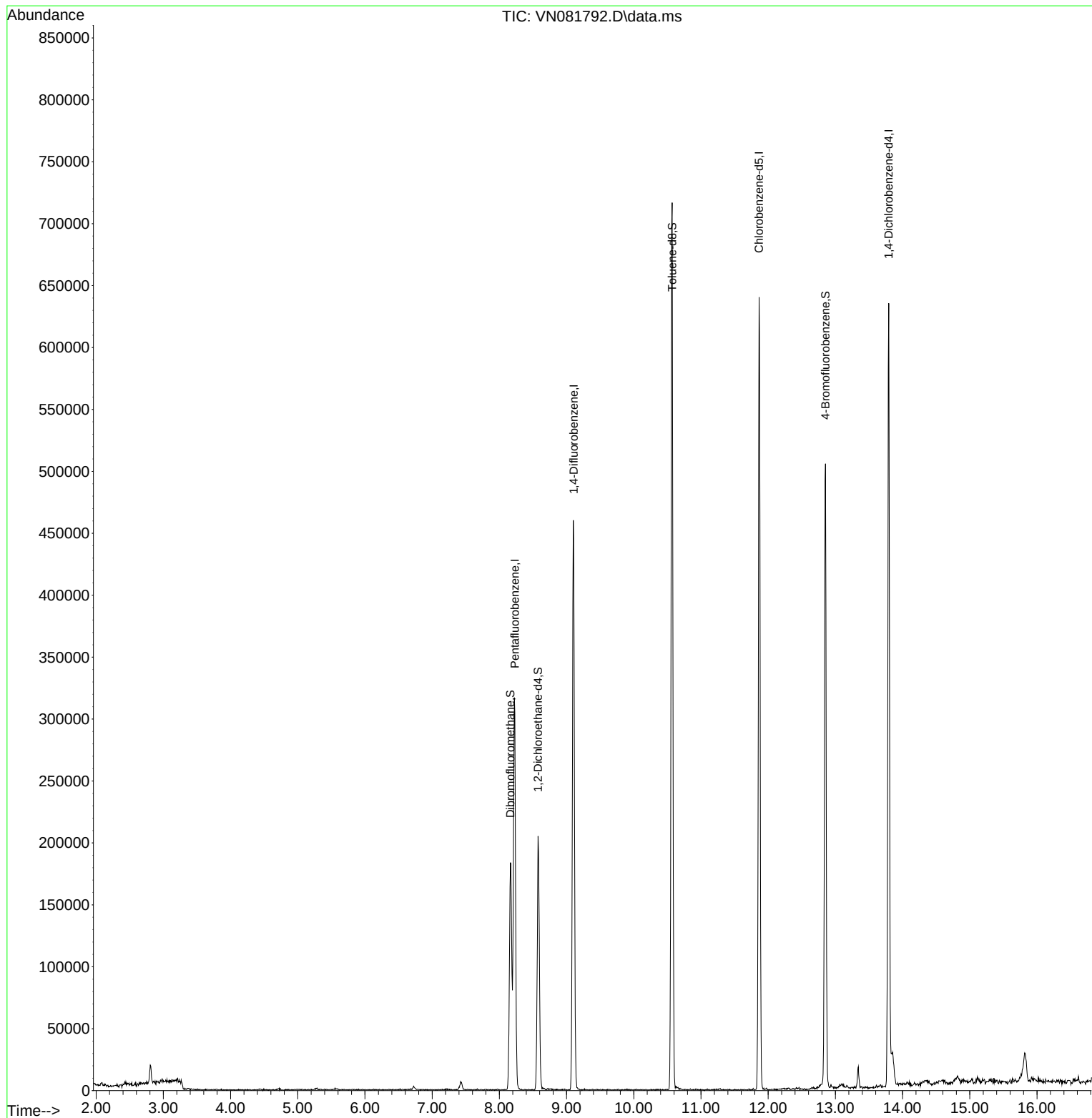
Target Compounds	Qvalue

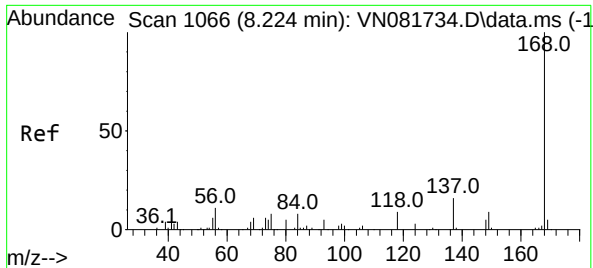
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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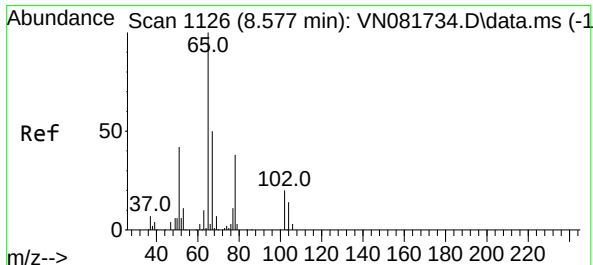
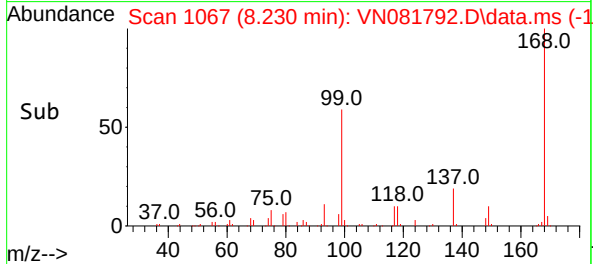
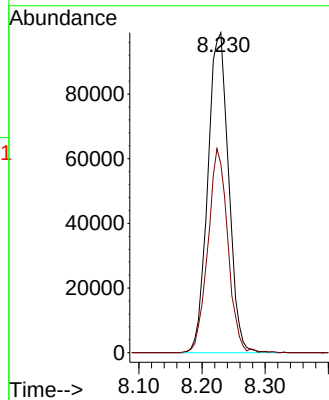
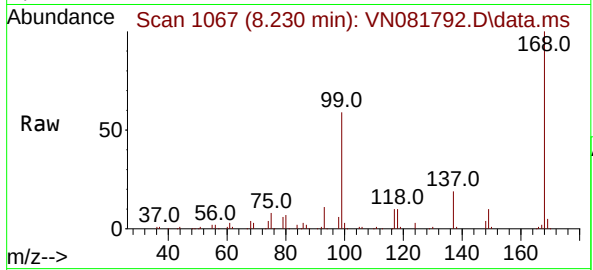




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

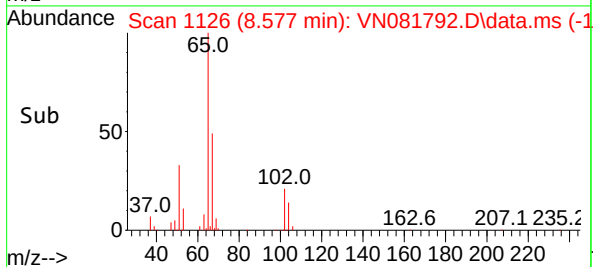
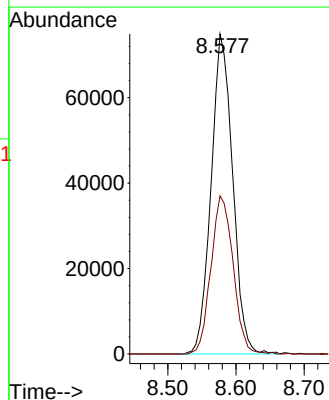
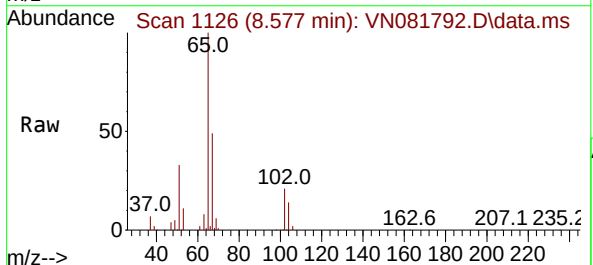
Instrument :
MSVOA_N
ClientSampleId :
4827

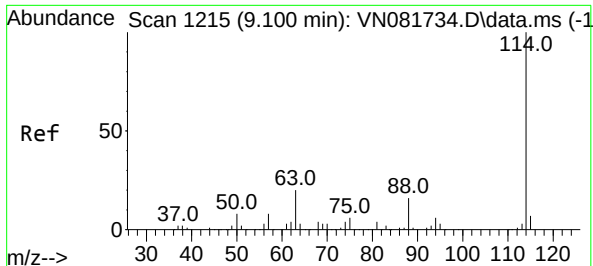
Tgt Ion:168 Resp: 226172
Ion Ratio Lower Upper
168 100
99 58.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 51.806 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

Tgt Ion: 65 Resp: 164878
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081792.D

Acq: 18 Apr 2024 17:06

Instrument :

MSVOA_N

ClientSampleId :

4827

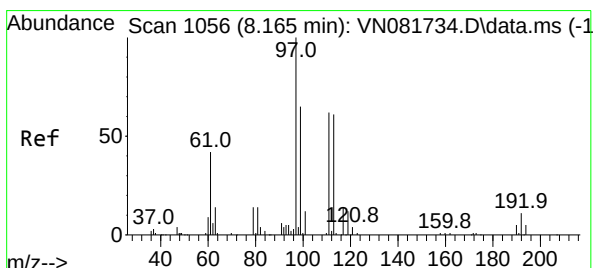
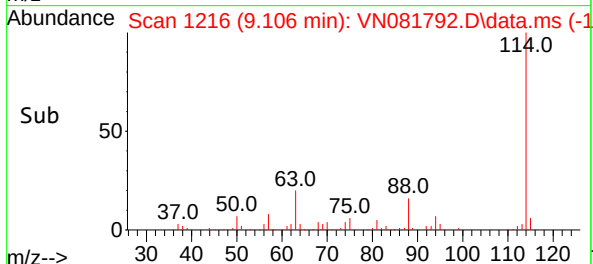
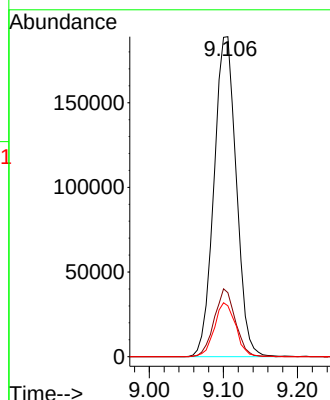
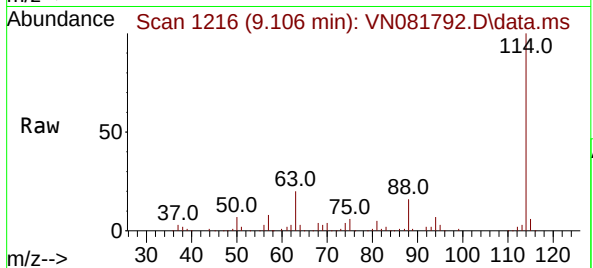
Tgt Ion:114 Resp: 395466

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.0

88 15.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.954 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081792.D

Acq: 18 Apr 2024 17:06

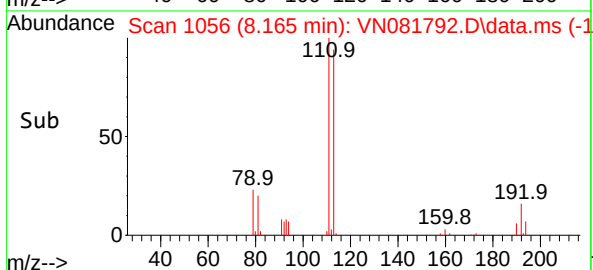
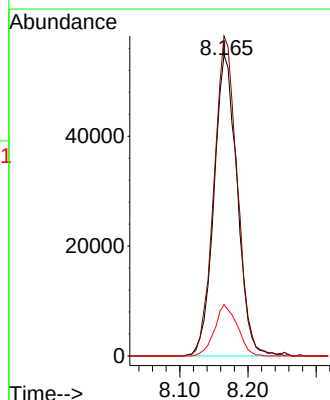
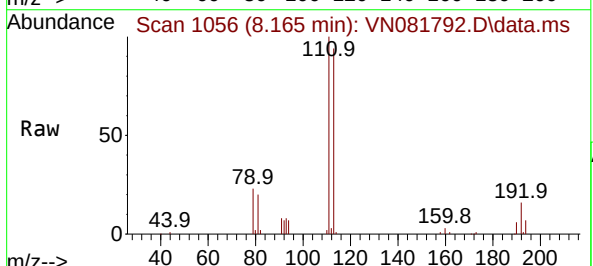
Tgt Ion:113 Resp: 130451

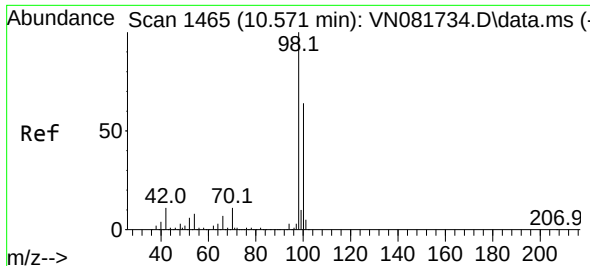
Ion Ratio Lower Upper

113 100

111 105.6 83.4 125.2

192 16.6 14.0 21.0

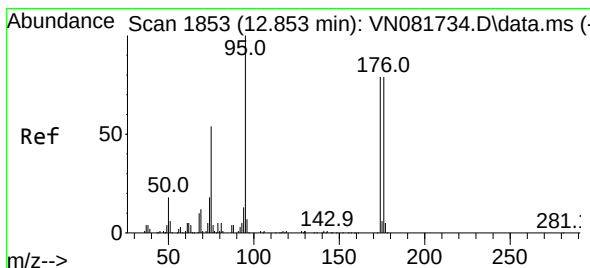
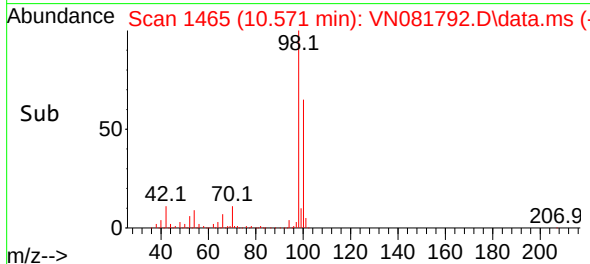
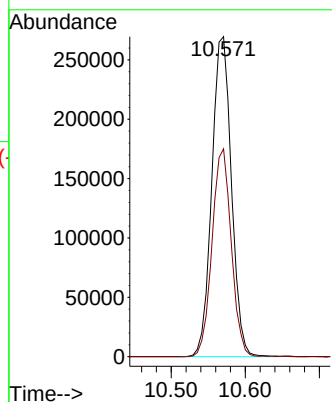
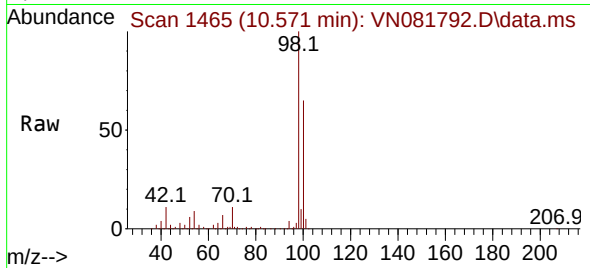




#50
Toluene-d8
Concen: 51.494 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

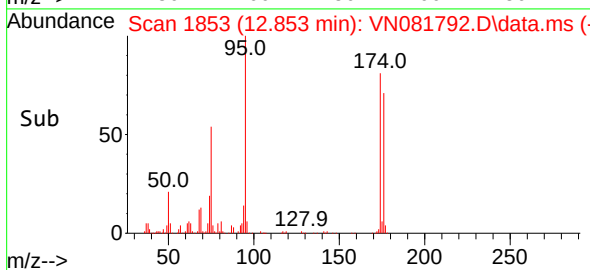
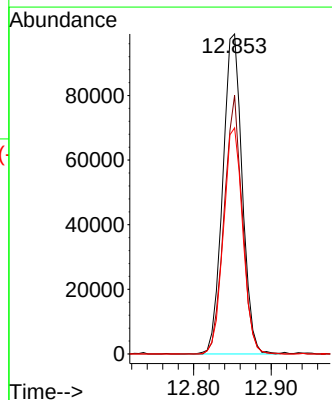
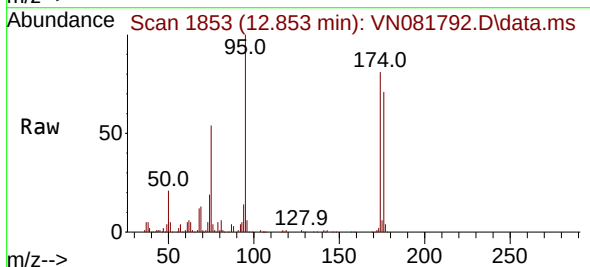
Instrument :
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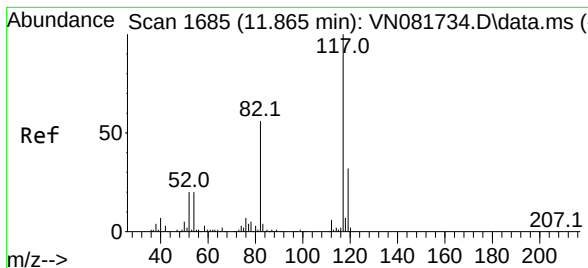
Tgt Ion: 98 Resp: 495399
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.614 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

Tgt Ion: 95 Resp: 172971
Ion Ratio Lower Upper
95 100
174 75.1 0.0 160.6
176 70.4 0.0 152.8

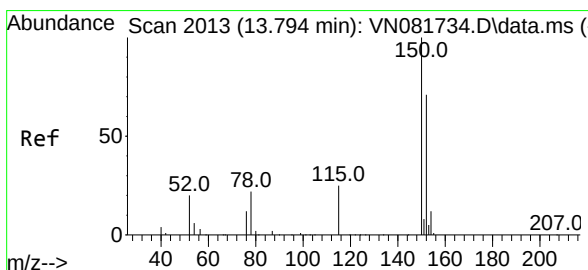
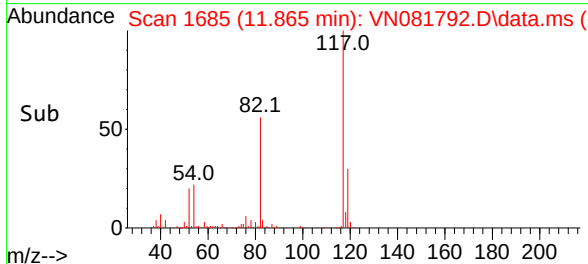
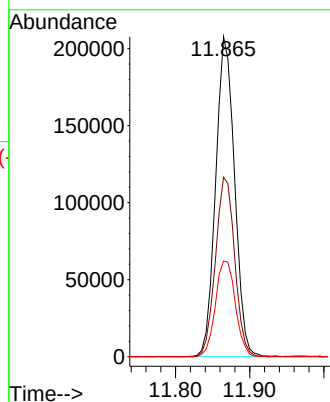
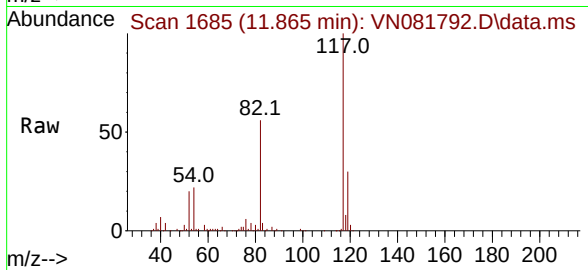




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :
4827

Tgt Ion:117 Resp: 367382
Ion Ratio Lower Upper
117 100
82 56.0 44.6 66.8
119 29.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

Tgt Ion:152 Resp: 162091
Ion Ratio Lower Upper
152 100
115 62.2 30.4 91.3
150 157.9 0.0 353.2

