

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032724\
 Data File : VN081582.D
 Acq On : 27 Mar 2024 13:31
 Operator : JC\MD
 Sample : VN0327WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBL01

Quant Time: Mar 28 01:25:48 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	377831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	676465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	620696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	254949	52.912	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.820%
35) Dibromofluoromethane	8.165	113	220834	51.727	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.460%
50) Toluene-d8	10.571	98	807480	52.323	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.640%
62) 4-Bromofluorobenzene	12.853	95	254761	46.850	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.700%

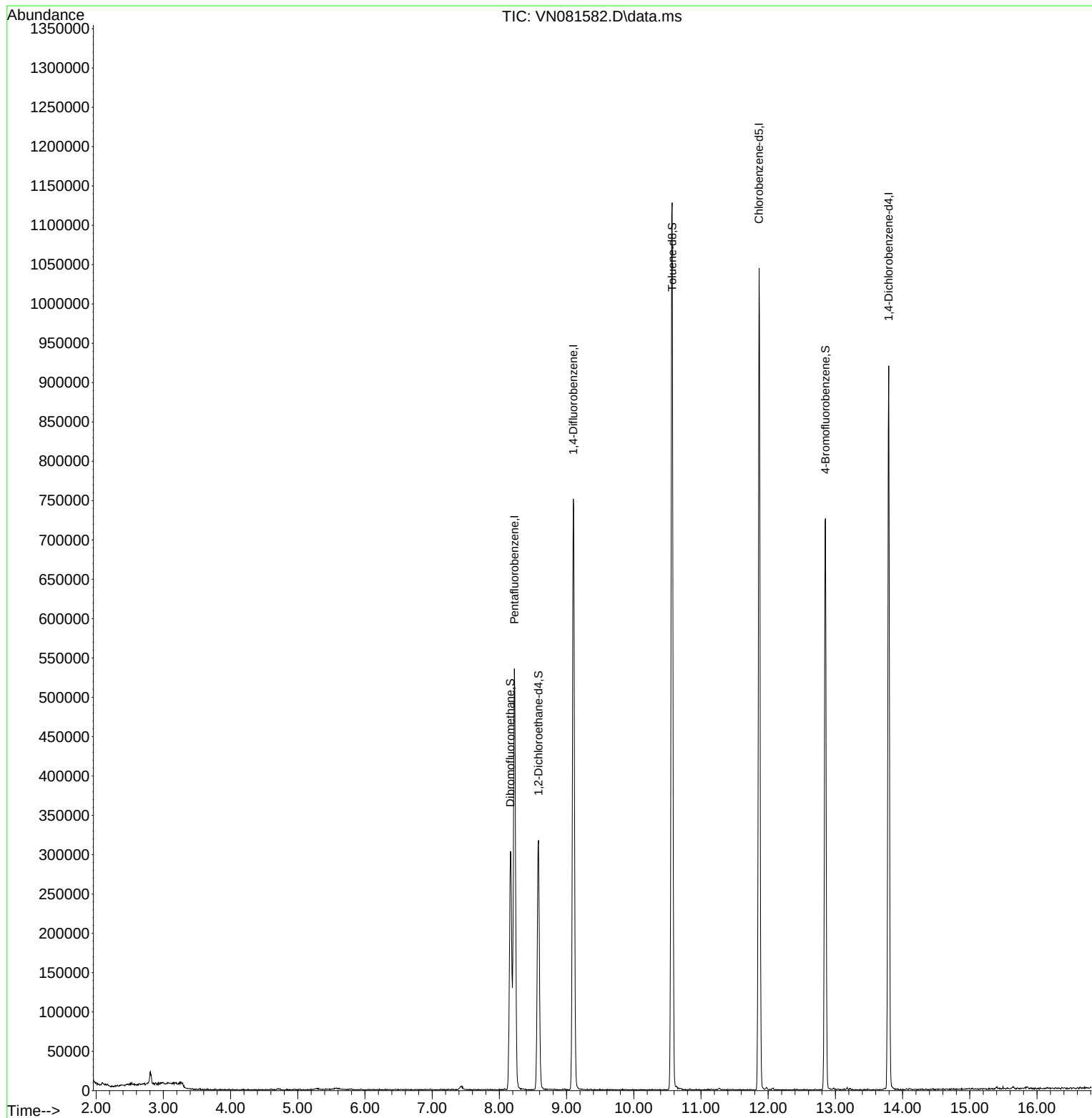
Target Compounds	Qvalue

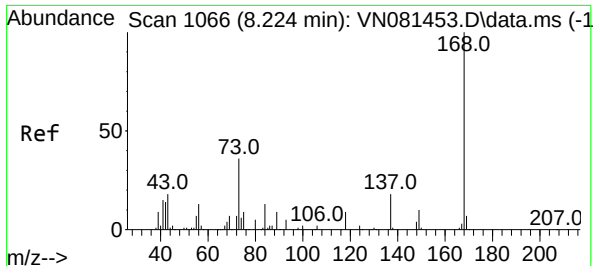
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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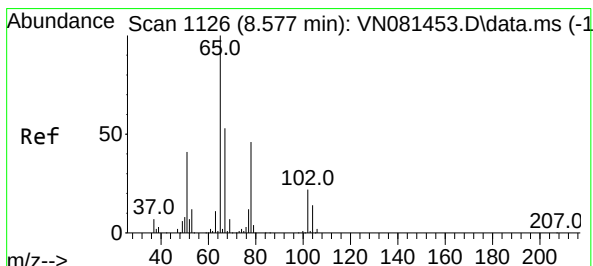
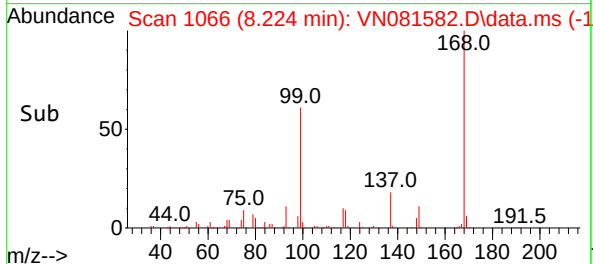
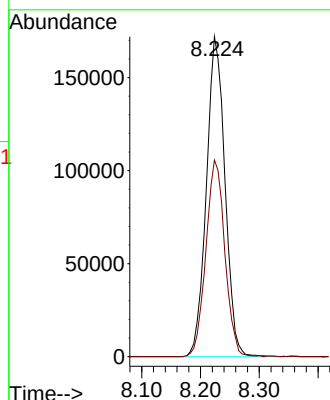
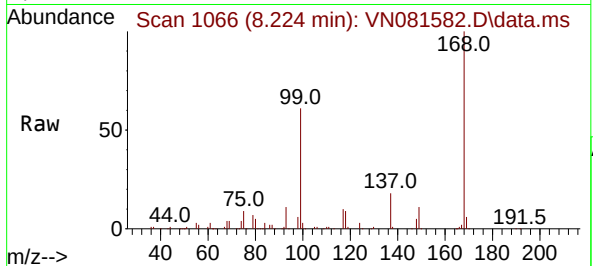




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081582.D
Acq: 27 Mar 2024 13:31

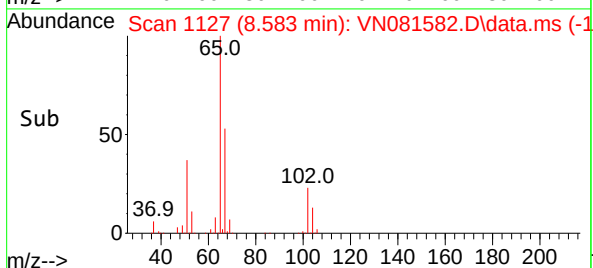
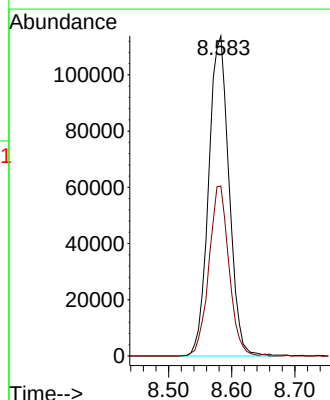
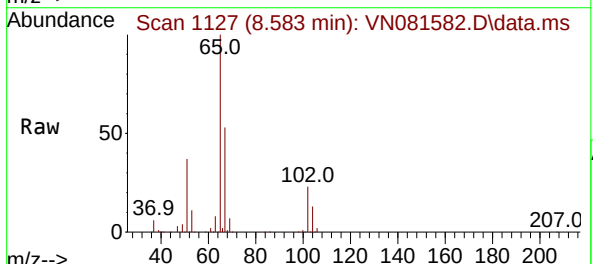
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBL01

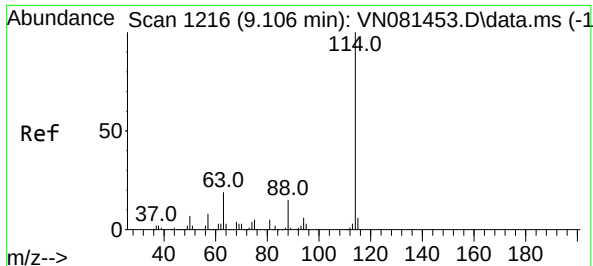
Tgt Ion:168 Resp: 377831
Ion Ratio Lower Upper
168 100
99 61.5 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 52.912 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081582.D
Acq: 27 Mar 2024 13:31

Tgt Ion: 65 Resp: 254949
Ion Ratio Lower Upper
65 100
67 52.3 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: VN081582.D

Acq: 27 Mar 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBL01

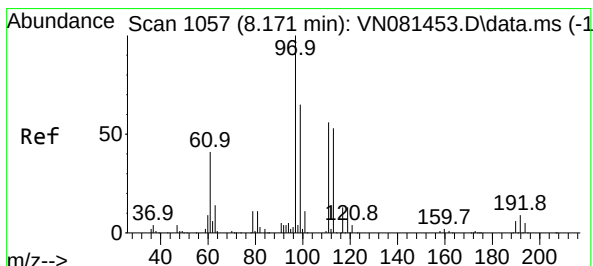
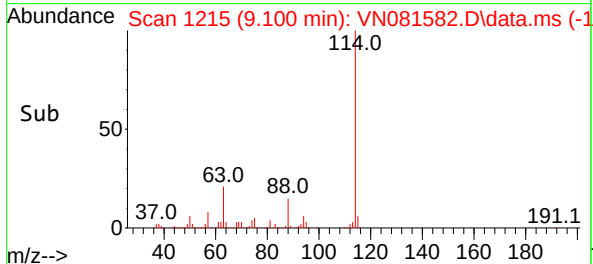
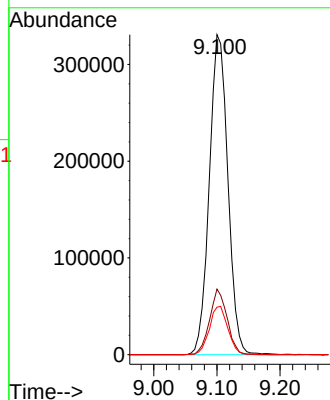
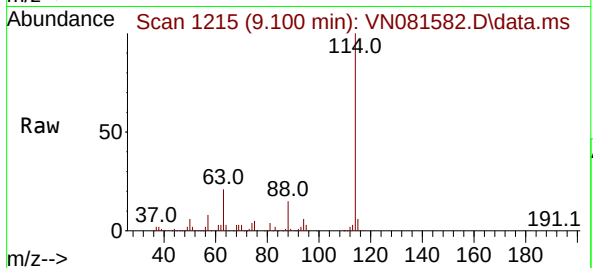
Tgt Ion:114 Resp: 676465

Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

88 14.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.727 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081582.D

Acq: 27 Mar 2024 13:31

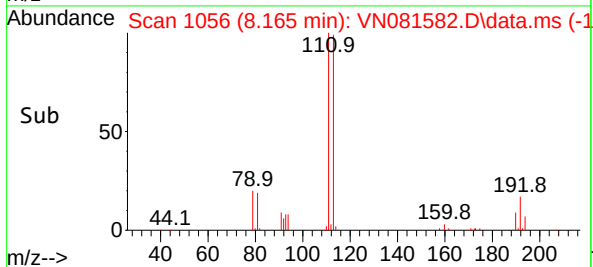
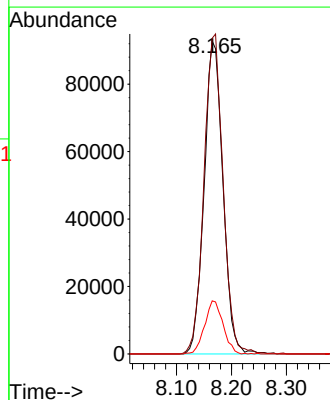
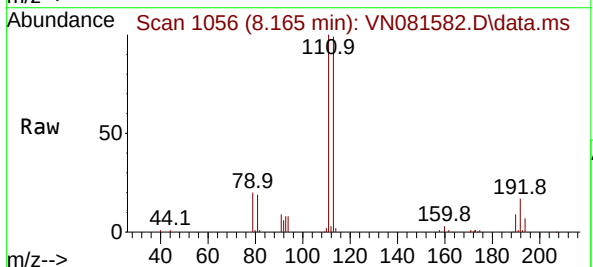
Tgt Ion:113 Resp: 220834

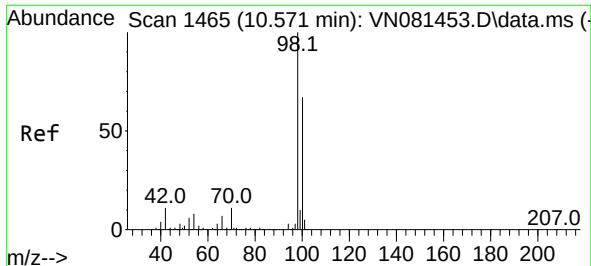
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 16.6 12.5 18.7

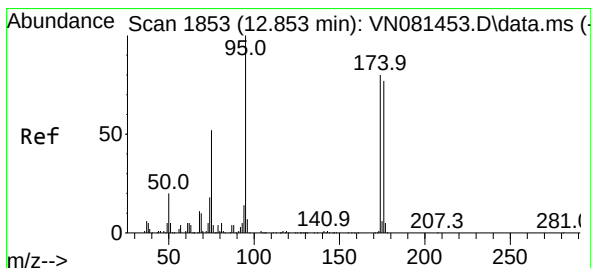
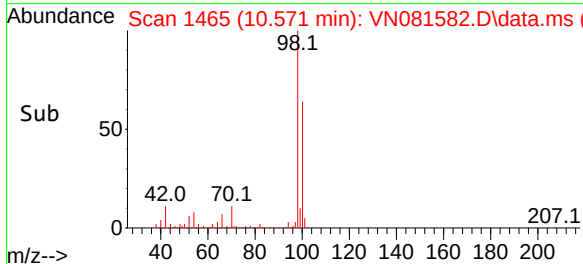
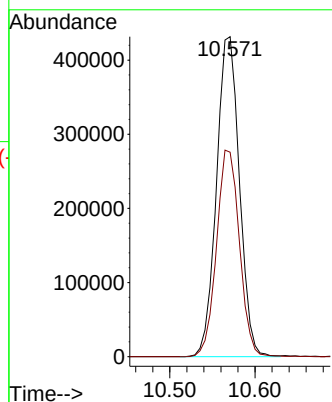
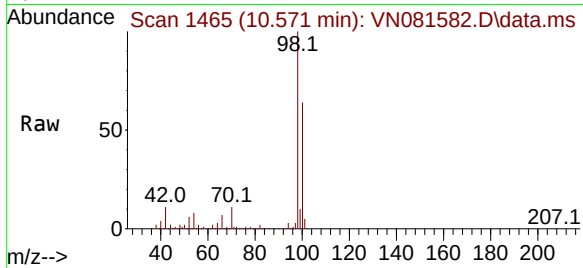




#50
Toluene-d8
Concen: 52.323 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081582.D
Acq: 27 Mar 2024 13:31

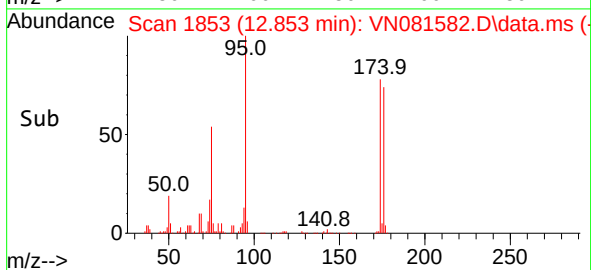
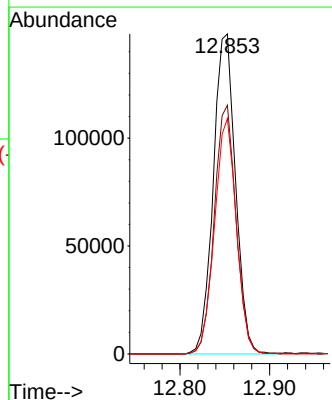
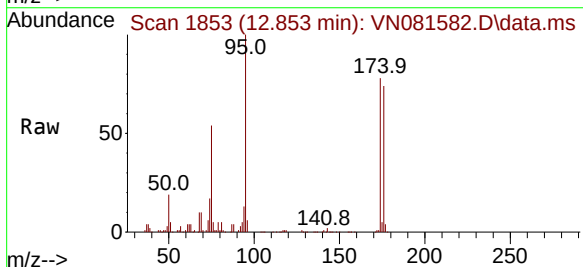
Instrument :
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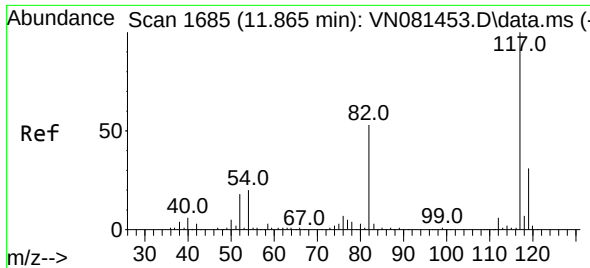
Tgt Ion: 98 Resp: 807480
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.850 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081582.D
Acq: 27 Mar 2024 13:31

Tgt Ion: 95 Resp: 254761
Ion Ratio Lower Upper
95 100
174 76.2 0.0 120.4
176 72.3 0.0 121.0

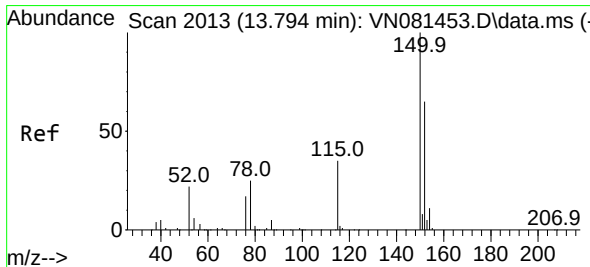
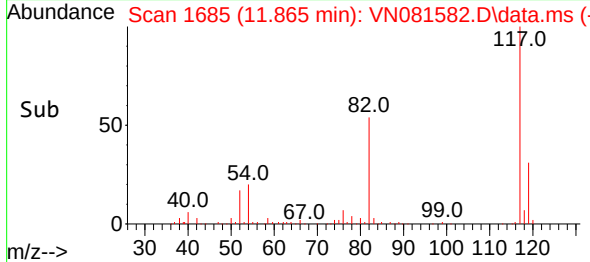
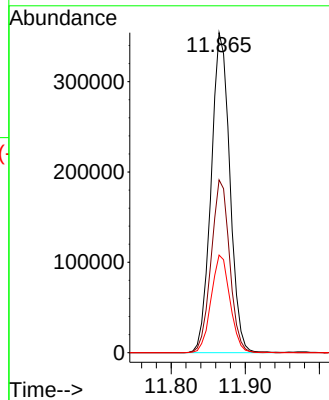
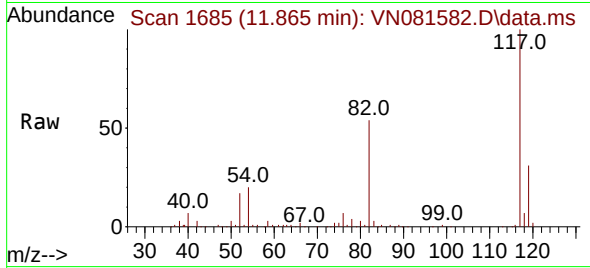




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081582.D
Acq: 27 Mar 2024 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBL01

Tgt Ion:117 Resp: 620696
Ion Ratio Lower Upper
117 100
82 54.0 52.7 79.1
119 30.5 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: VN081582.D
Acq: 27 Mar 2024 13:31

Tgt Ion:152 Resp: 242634
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 158.6 0.0 339.8

