

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081435.D
 Acq On : 15 Mar 2024 19:17
 Operator : JC\MD
 Sample : P1769-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-3-14-24

Quant Time: Mar 15 23:38:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	291468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	534813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	469690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	227800	54.054	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.100%	
35) Dibromofluoromethane	8.171	113	176209	53.778	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.560%	
50) Toluene-d8	10.571	98	644848	52.646	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.300%	
62) 4-Bromofluorobenzene	12.853	95	203116	46.918	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.840%	

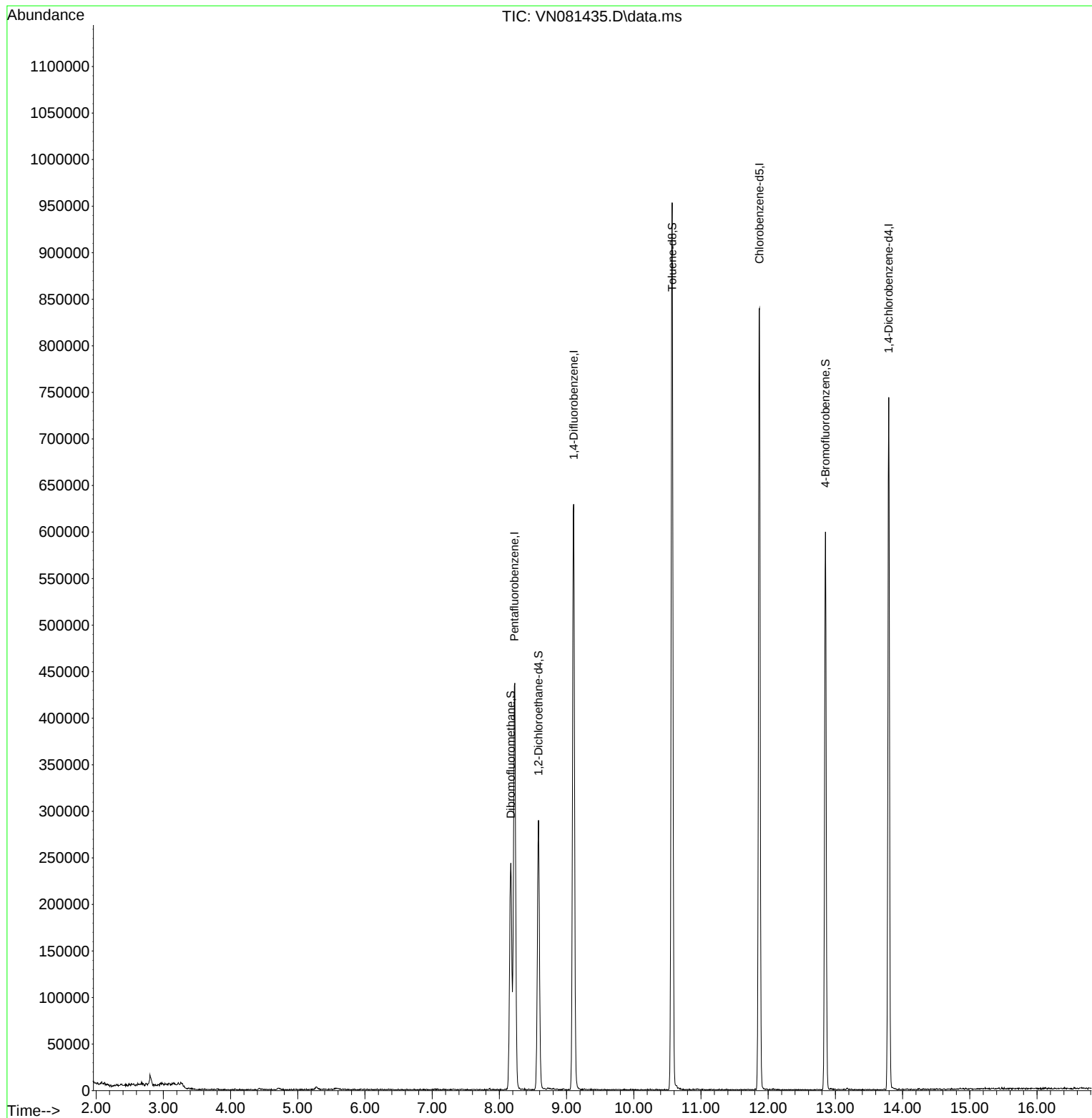
Target Compounds	Qvalue

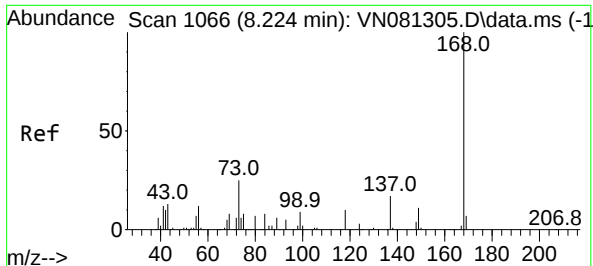
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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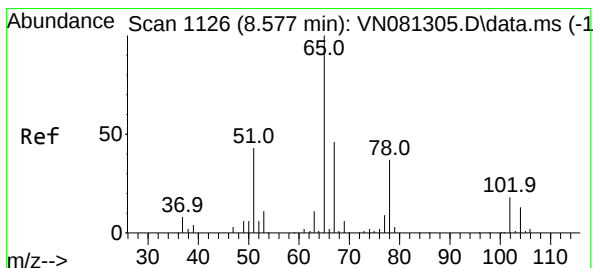
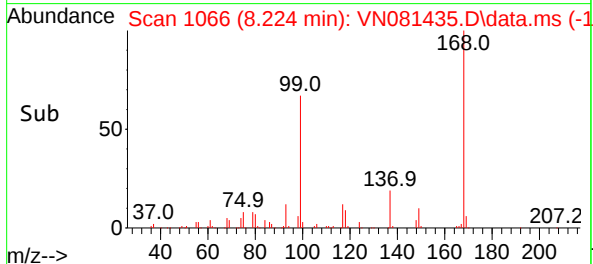
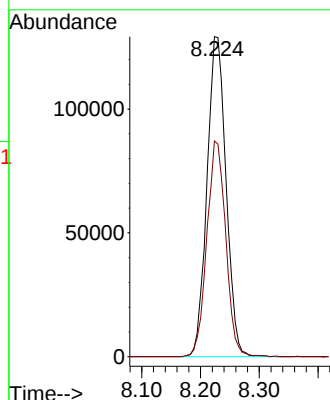
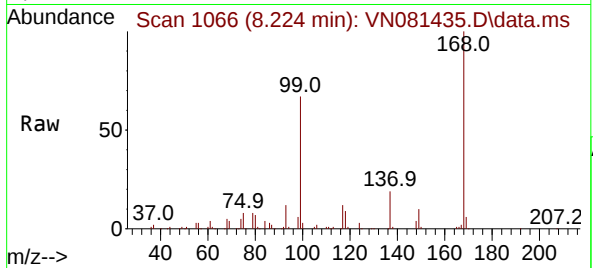




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081435.D
Acq: 15 Mar 2024 19:17

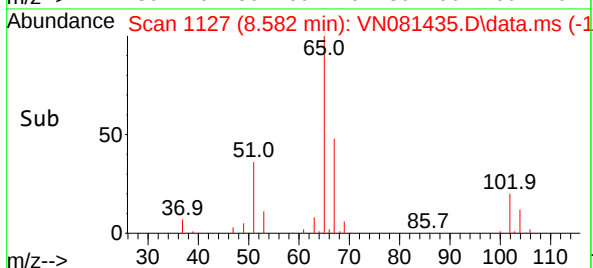
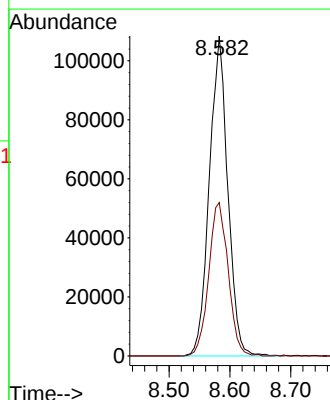
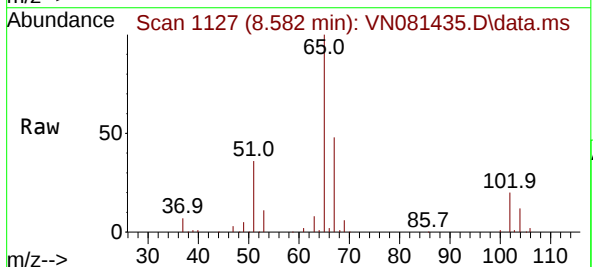
Instrument :
MSVOA_N
ClientSampleId :
TB-3-14-24

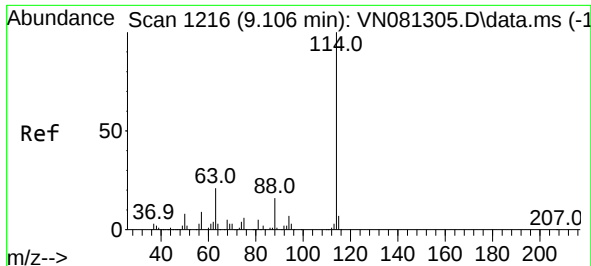
Tgt Ion:168 Resp: 291468
Ion Ratio Lower Upper
168 100
99 67.4 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 54.054 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081435.D
Acq: 15 Mar 2024 19:17

Tgt Ion: 65 Resp: 227800
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.4

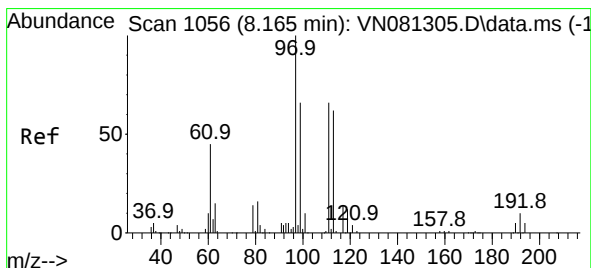
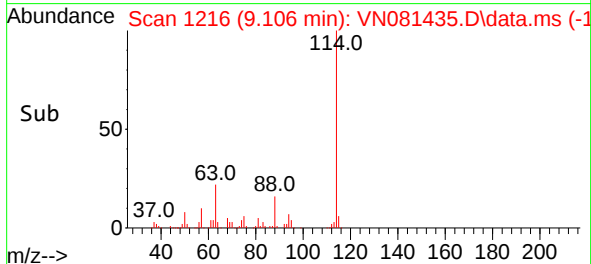
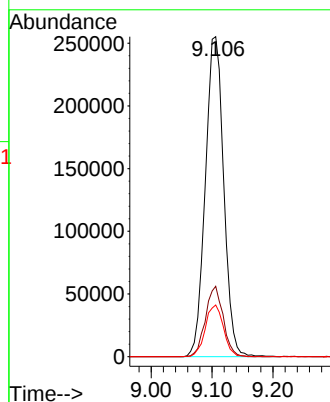
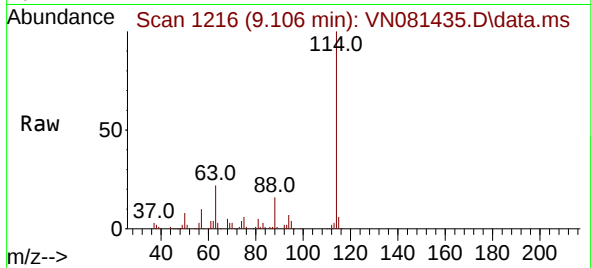




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081435.D
Acq: 15 Mar 2024 19:17

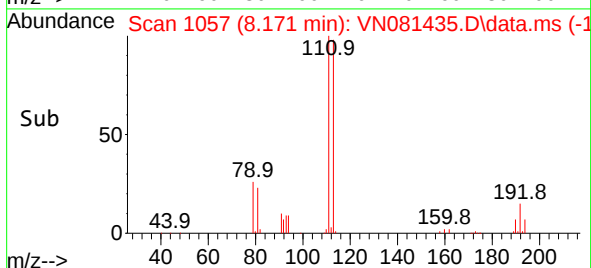
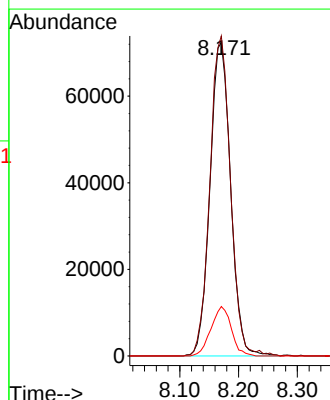
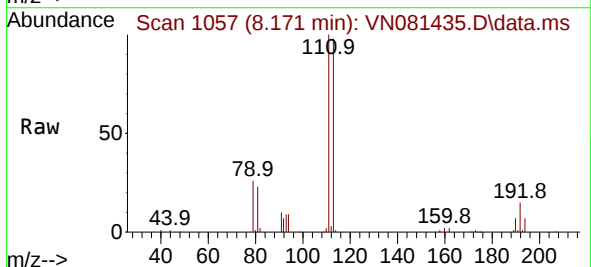
Instrument :
MSVOA_N
ClientSampleId :
TB-3-14-24

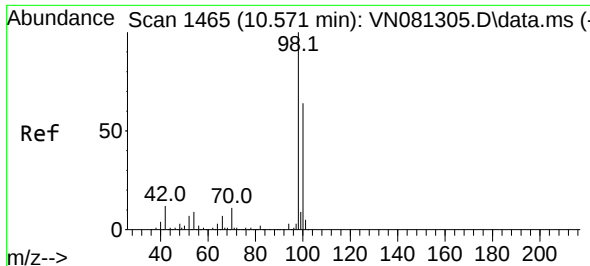
Tgt Ion:114 Resp: 534813
Ion Ratio Lower Upper
114 100
63 22.0 0.0 48.0
88 16.2 0.0 34.8



#35
Dibromofluoromethane
Concen: 53.778 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081435.D
Acq: 15 Mar 2024 19:17

Tgt Ion:113 Resp: 176209
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 15.6 12.5 18.7

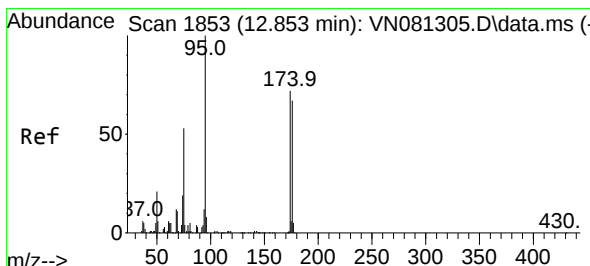
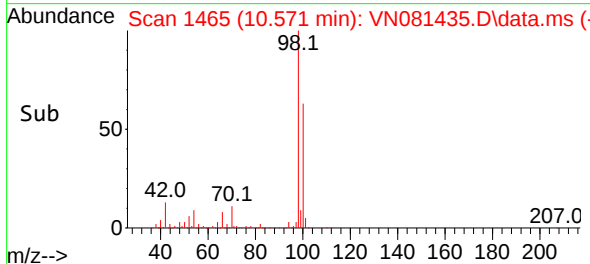
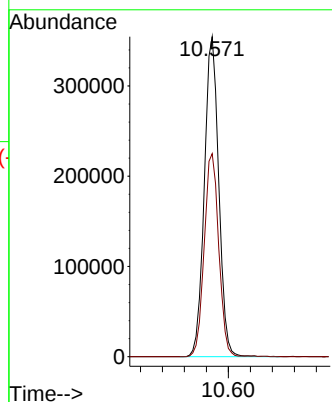
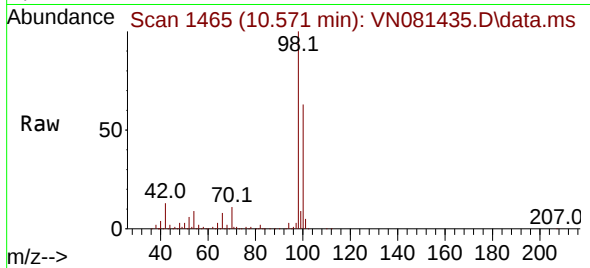




#50
Toluene-d8
Concen: 52.646 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081435.D
Acq: 15 Mar 2024 19:17

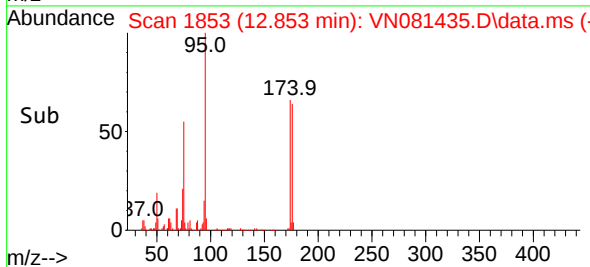
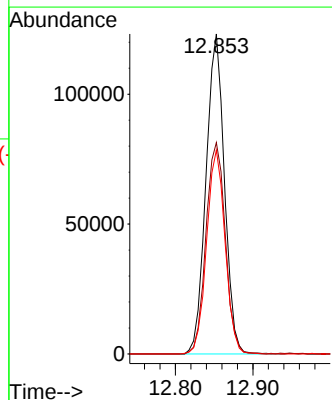
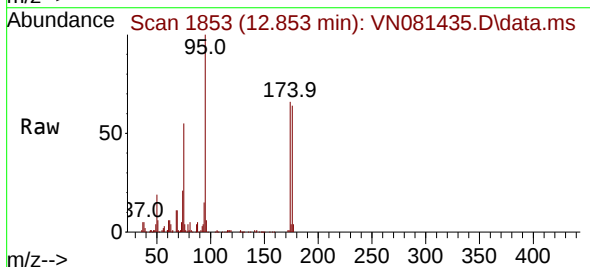
Instrument :
MSVOA_N
ClientSampleId :
TB-3-14-24

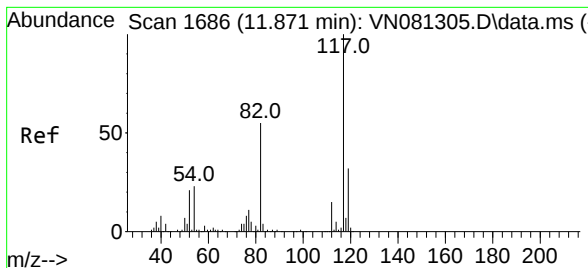
Tgt Ion: 98 Resp: 644848
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.918 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081435.D
Acq: 15 Mar 2024 19:17

Tgt Ion: 95 Resp: 203116
Ion Ratio Lower Upper
95 100
174 69.2 0.0 120.4
176 63.8 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081435.D

Acq: 15 Mar 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

TB-3-14-24

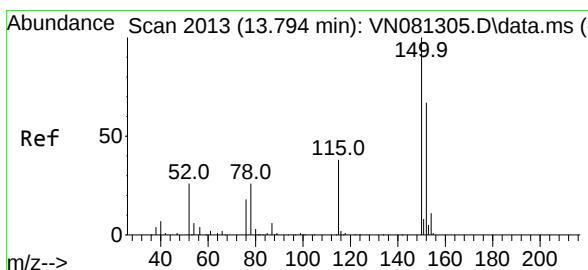
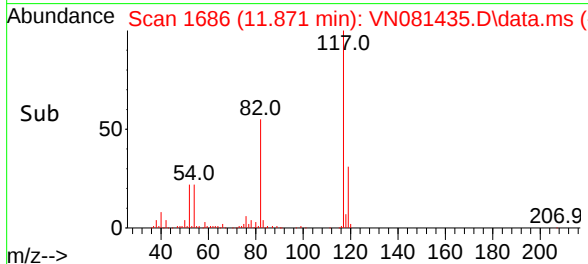
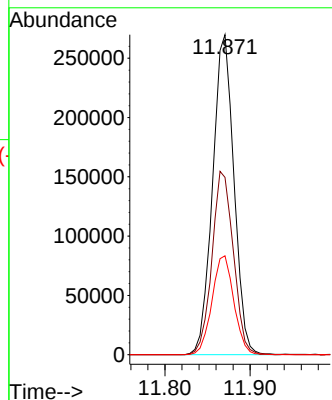
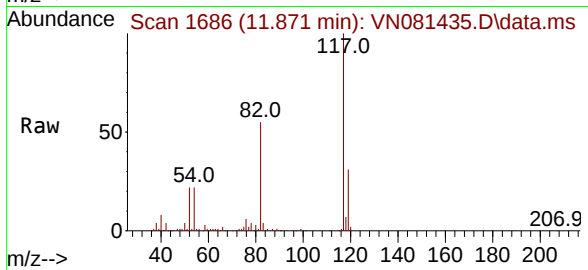
Tgt Ion:117 Resp: 469690

Ion Ratio Lower Upper

117 100

82 55.4 52.7 79.1

119 30.9 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: VN081435.D

Acq: 15 Mar 2024 19:17

Tgt Ion:152 Resp: 182058

Ion Ratio Lower Upper

152 100

115 63.8 32.3 96.8

150 161.5 0.0 339.8

