

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030424\
 Data File : VN081298.D
 Acq On : 04 Mar 2024 13:09
 Operator : JC\MD
 Sample : P1660-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-195-GW-960-962

Quant Time: Mar 04 15:26:24 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	310985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	573692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	472405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180557	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	214414	56.250	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.500%
35) Dibromofluoromethane	8.171	113	167635	51.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.340%
50) Toluene-d8	10.571	98	625140	54.256	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.520%
62) 4-Bromofluorobenzene	12.853	95	185697	42.892	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	85.780%

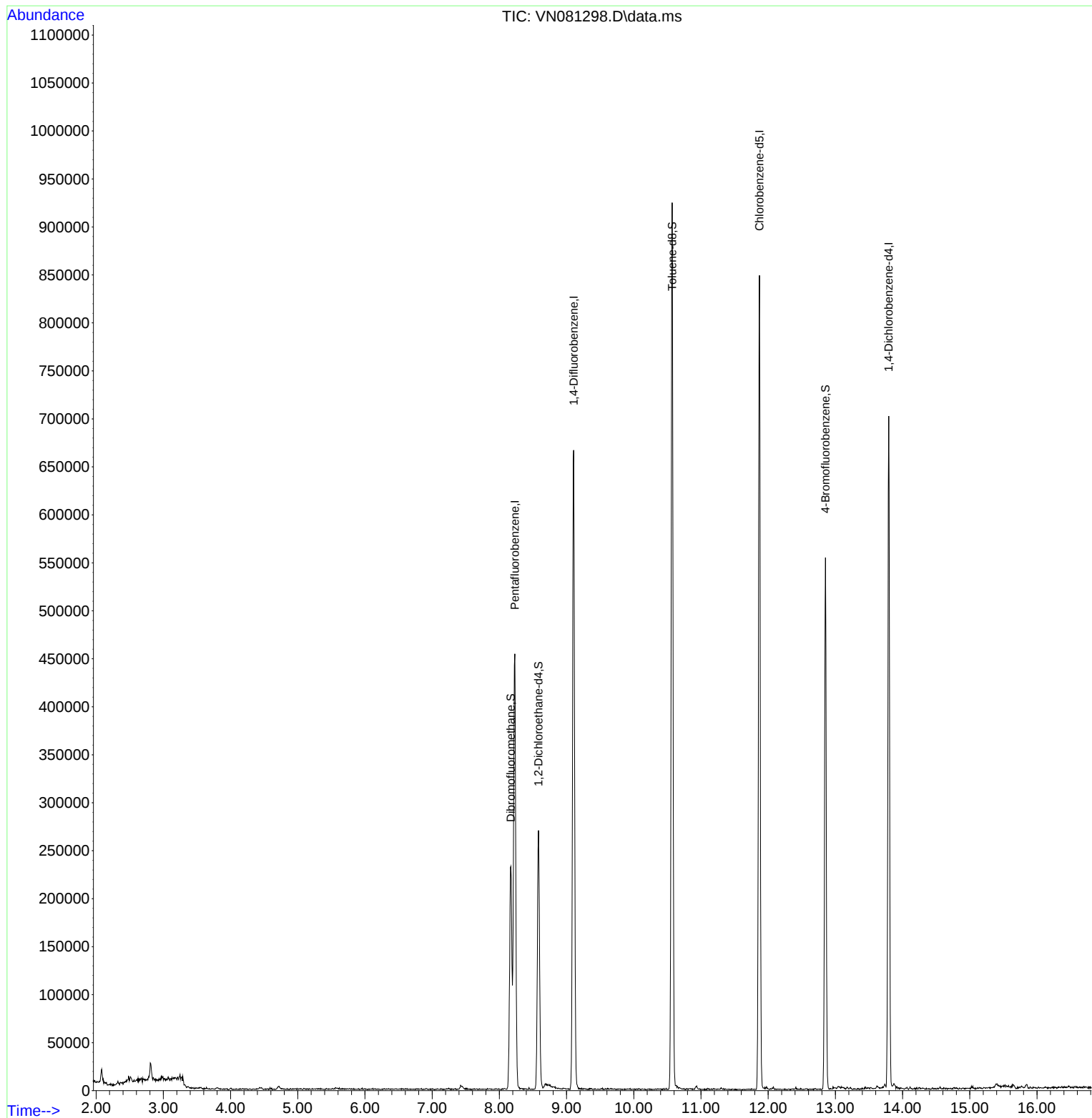
Target Compounds	Qvalue

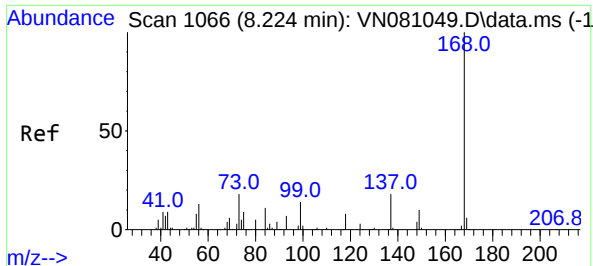
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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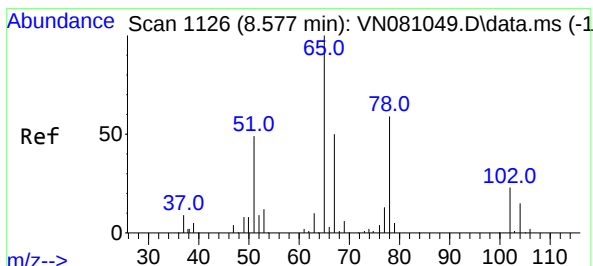
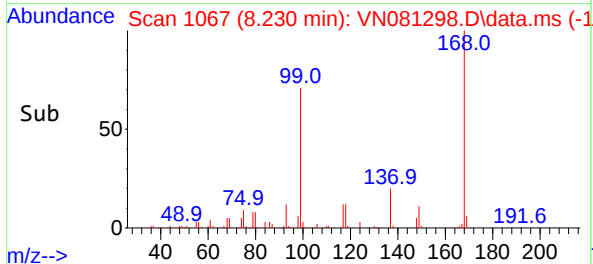
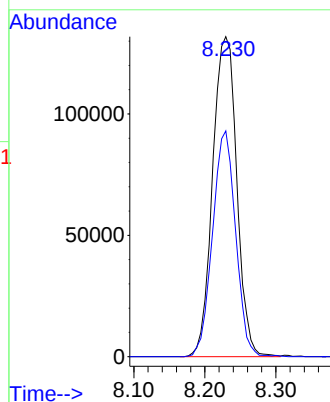
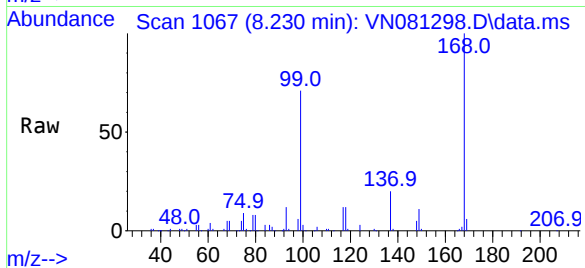




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

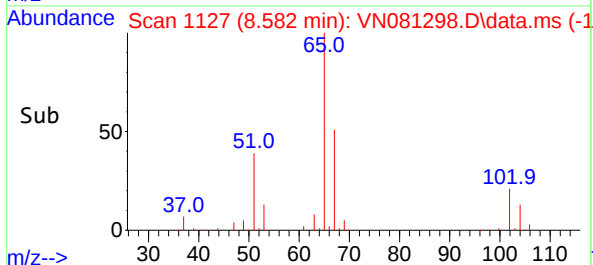
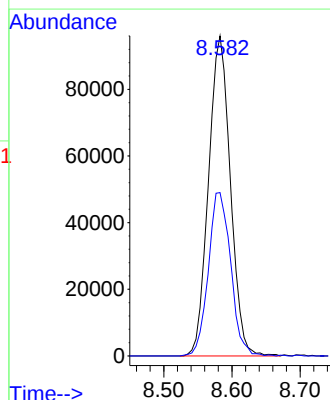
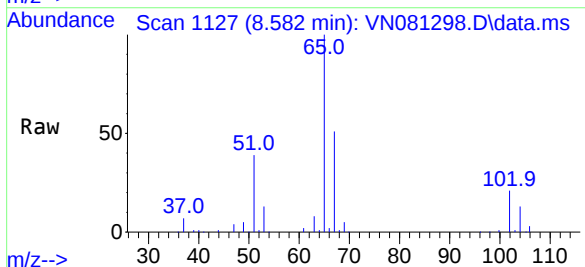
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-960-962

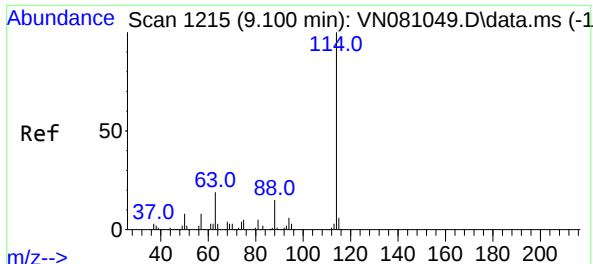
Tgt Ion:168 Resp: 310985
Ion Ratio Lower Upper
168 100
99 70.6 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 56.250 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

Tgt Ion: 65 Resp: 214414
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081298.D

Acq: 04 Mar 2024 13:09

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-195-GW-960-962

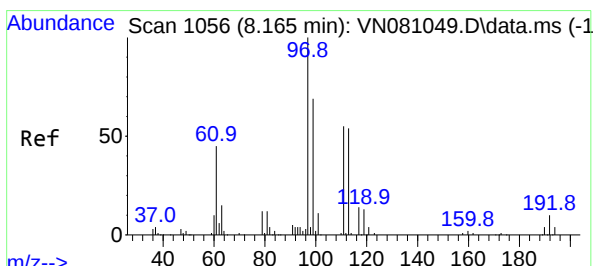
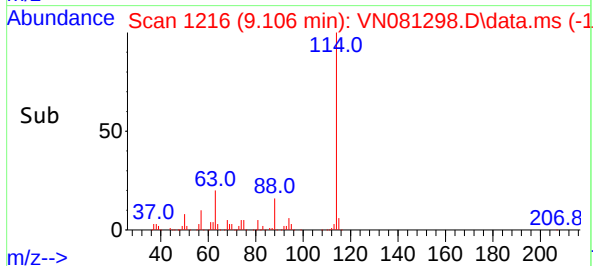
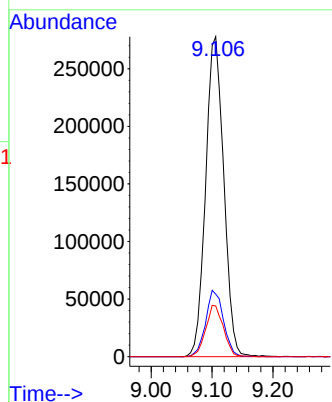
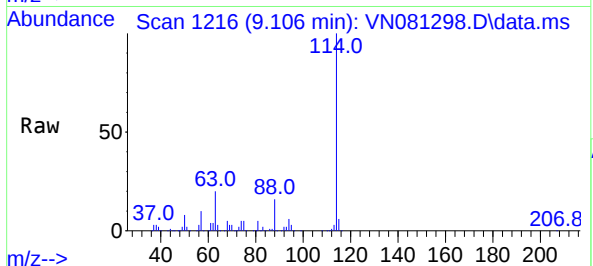
Tgt Ion:114 Resp: 573692

Ion Ratio Lower Upper

114 100

63 19.6 0.0 48.0

88 15.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.675 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081298.D

Acq: 04 Mar 2024 13:09

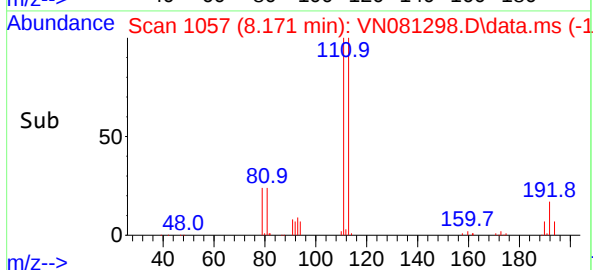
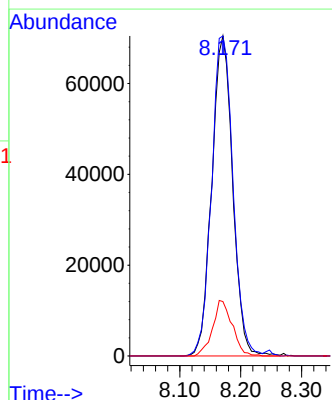
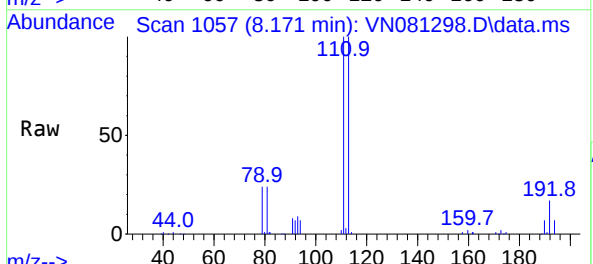
Tgt Ion:113 Resp: 167635

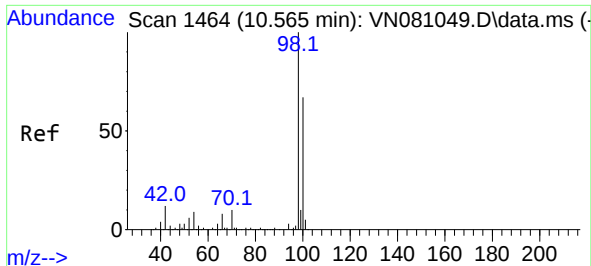
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 16.3 12.5 18.7

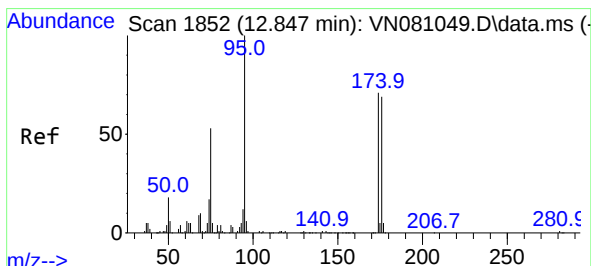
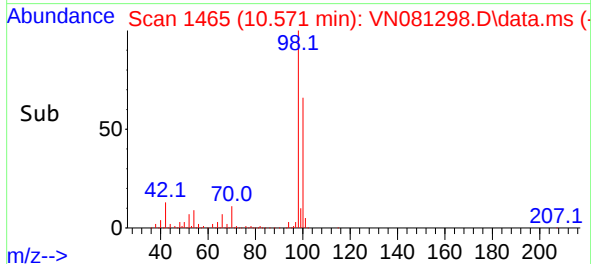
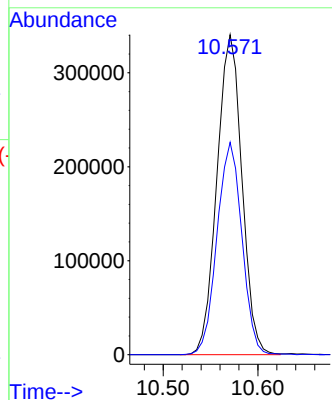
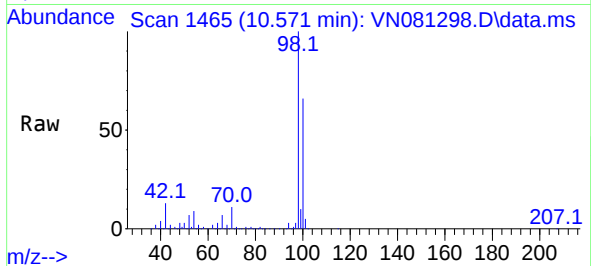




#50
Toluene-d8
Concen: 54.256 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

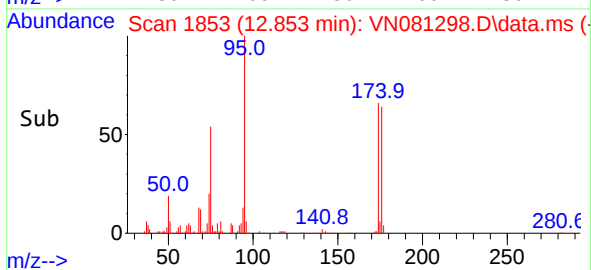
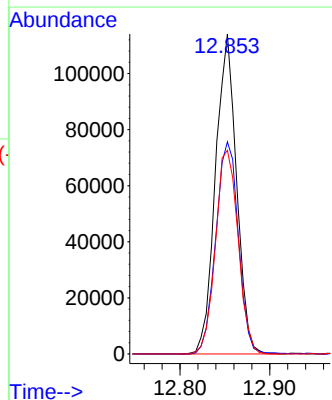
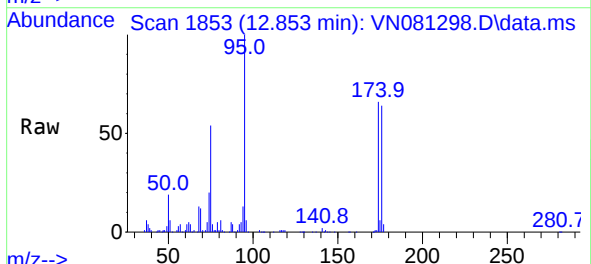
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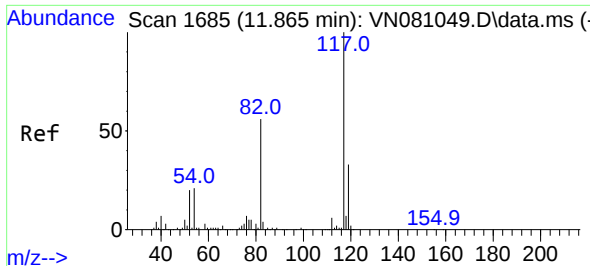
Tgt Ion: 98 Resp: 625140
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 42.892 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

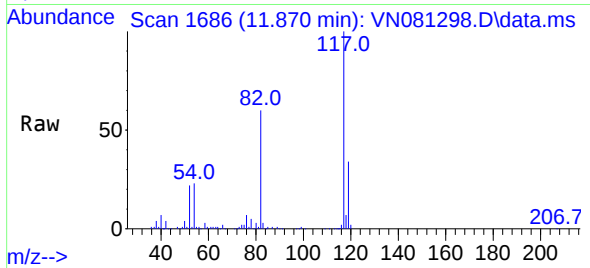
Tgt Ion: 95 Resp: 185697
Ion Ratio Lower Upper
95 100
174 70.9 0.0 120.4
176 68.3 0.0 121.0



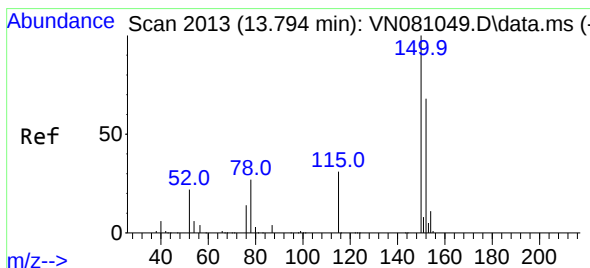
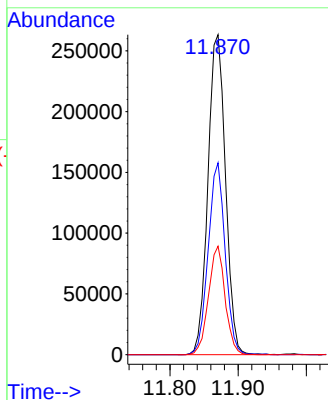
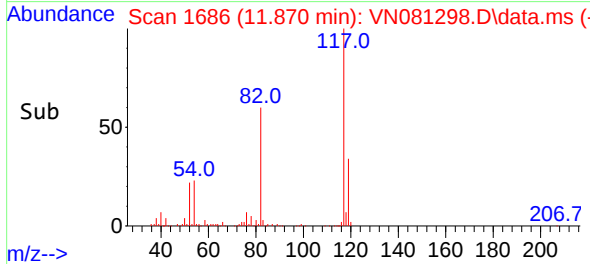


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081298.D
Acq: 04 Mar 2024 13:09

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-960-962



Tgt Ion:117 Resp: 472405
Ion Ratio Lower Upper
117 100
82 60.0 52.7 79.1
119 33.9 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: VN081298.D
Acq: 04 Mar 2024 13:09

Tgt Ion:152 Resp: 180557
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 153.9 0.0 339.8

