

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075626.D
 Acq On : 07 Dec 2022 23:08
 Operator : JC\MD
 Sample : VN1207WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBL02

Quant Time: Dec 08 00:25:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	179617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	298976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	257796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	48160	49.950	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.900%
35) Dibromofluoromethane	8.177	113	62718	53.401	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.800%
50) Toluene-d8	10.571	98	127165	48.073	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.140%
62) 4-Bromofluorobenzene	12.853	95	93857	48.071	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.140%

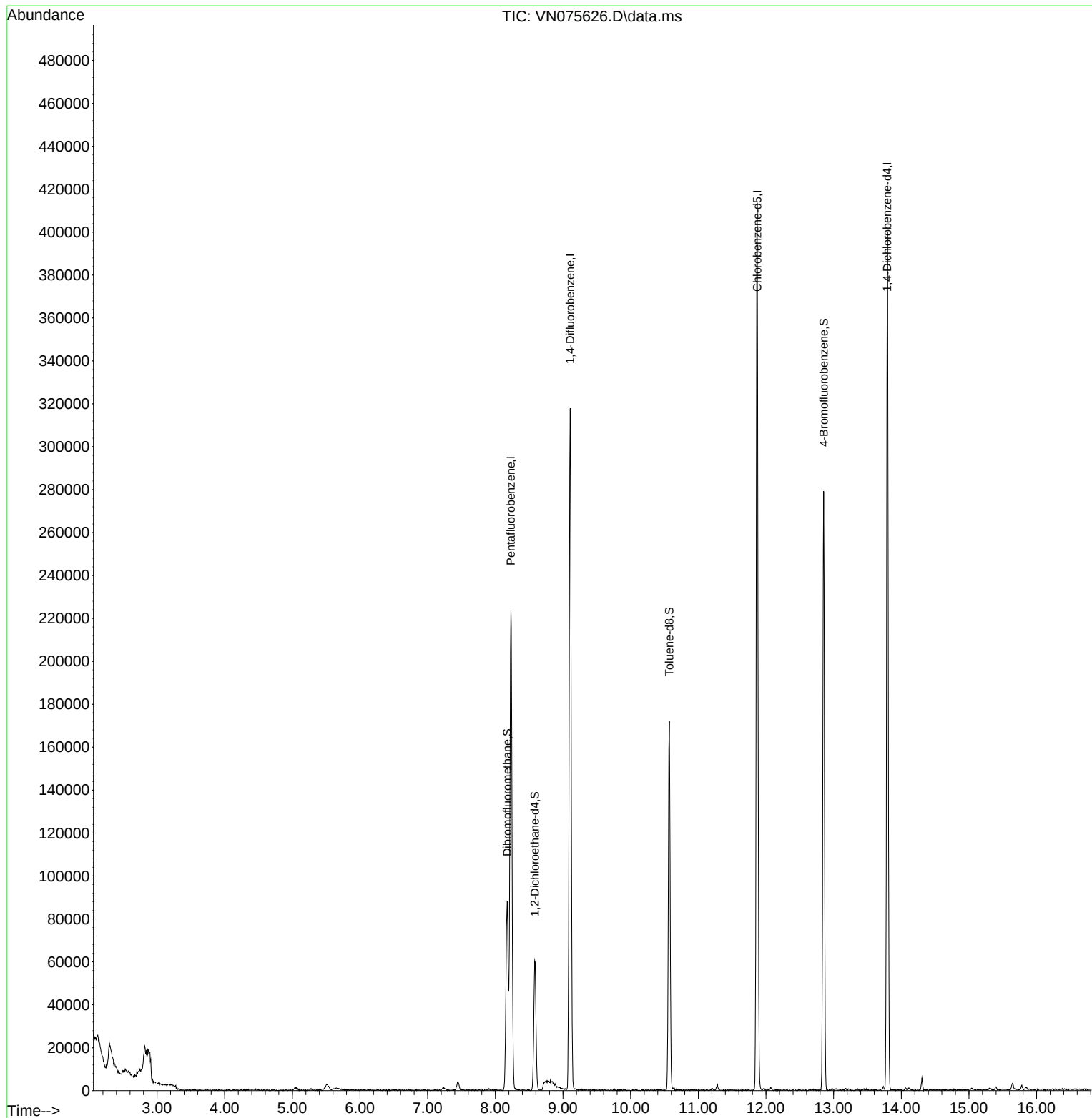
Target Compounds	Qvalue

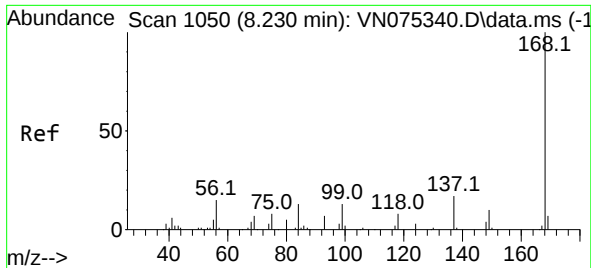
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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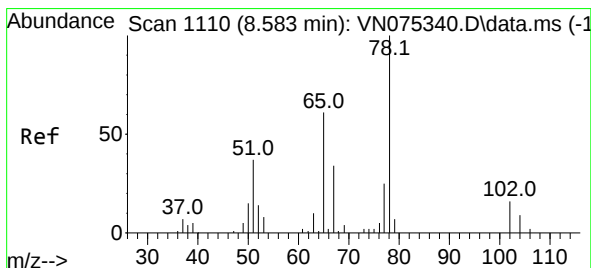
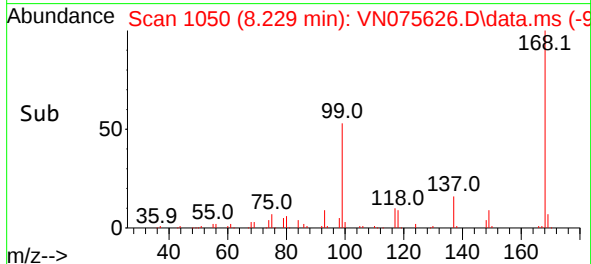
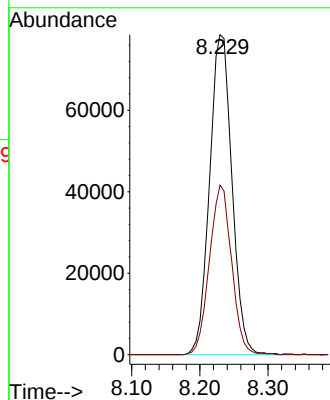
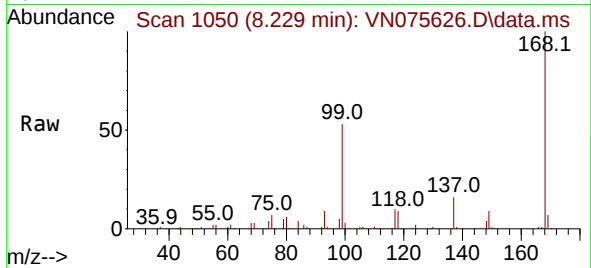




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075626.D
Acq: 07 Dec 2022 23:08

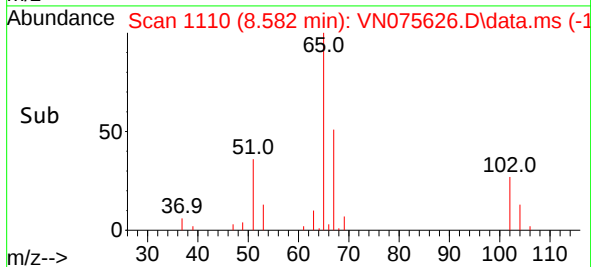
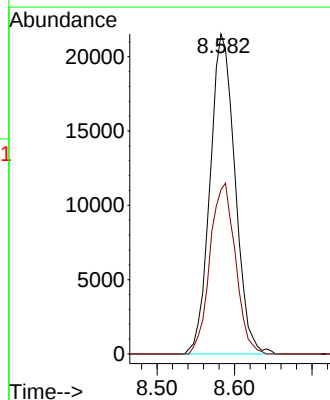
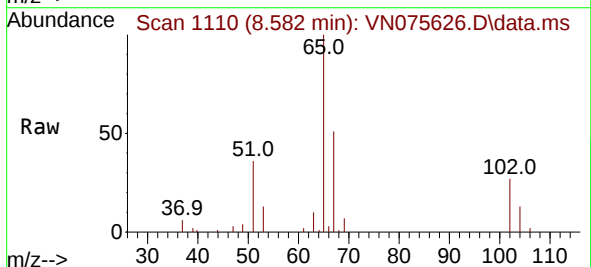
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBL02

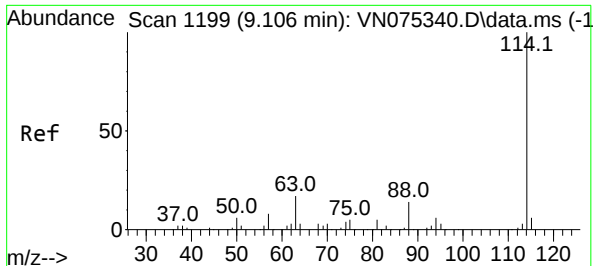
Tgt Ion:168 Resp: 179617
Ion Ratio Lower Upper
168 100
99 53.0 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 49.950 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075626.D
Acq: 07 Dec 2022 23:08

Tgt Ion: 65 Resp: 48160
Ion Ratio Lower Upper
65 100
67 54.3 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075626.D

Acq: 07 Dec 2022 23:08

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBL02

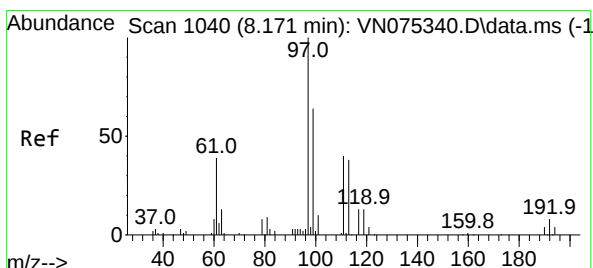
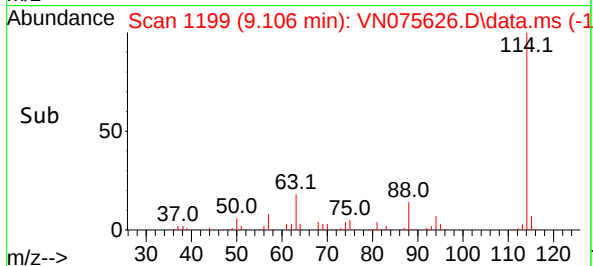
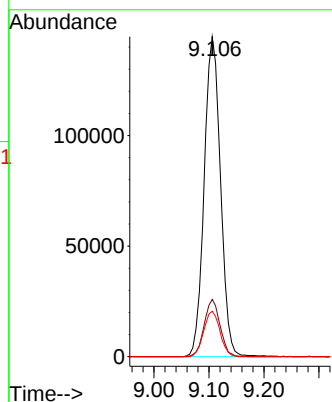
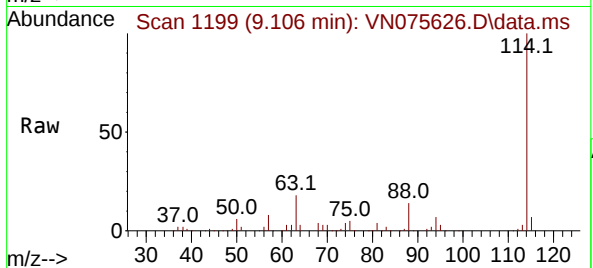
Tgt Ion:114 Resp: 298976

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 14.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.401 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075626.D

Acq: 07 Dec 2022 23:08

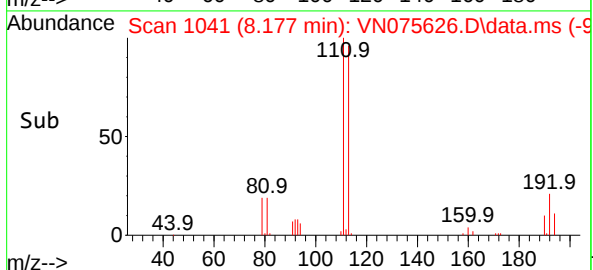
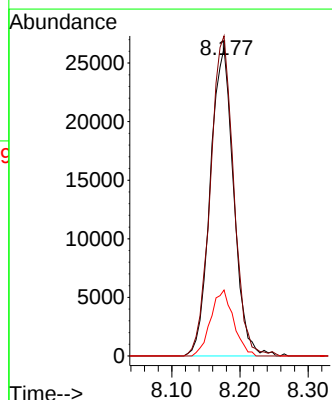
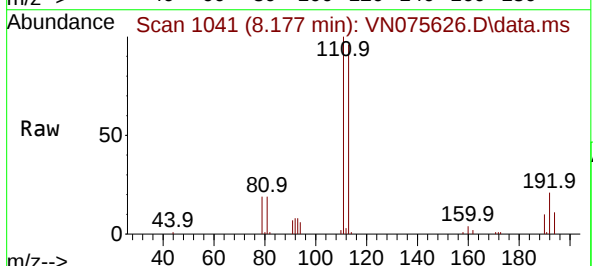
Tgt Ion:113 Resp: 62718

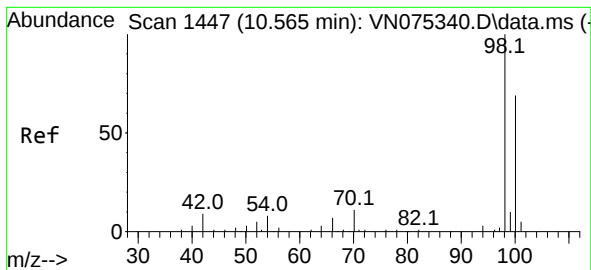
Ion Ratio Lower Upper

113 100

111 103.6 80.5 120.7

192 20.9 13.2 19.8#





#50

Toluene-d8

Concen: 48.073 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075626.D

Acq: 07 Dec 2022 23:08

Instrument :

MSVOA_N

ClientSampleId :

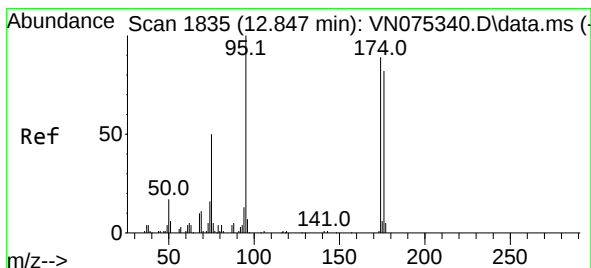
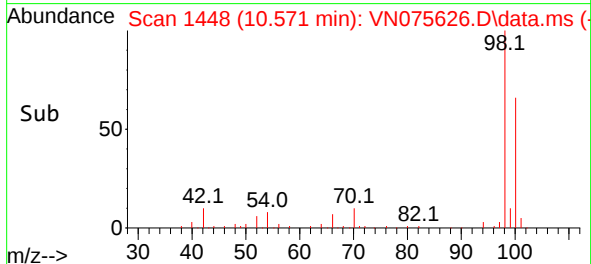
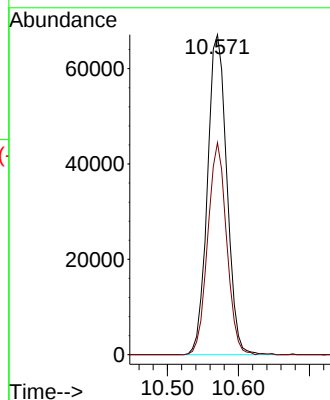
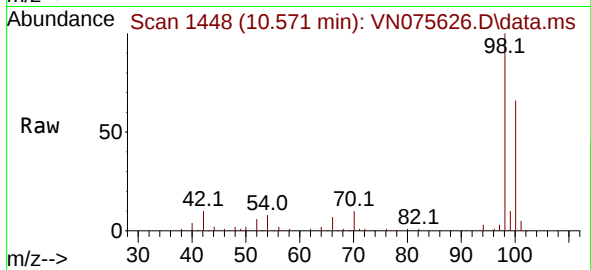
VN1207WBL02

Tgt Ion: 98 Resp: 127165

Ion Ratio Lower Upper

98 100

100 64.5 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 48.071 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN075626.D

Acq: 07 Dec 2022 23:08

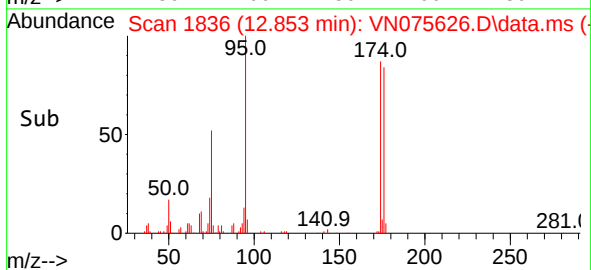
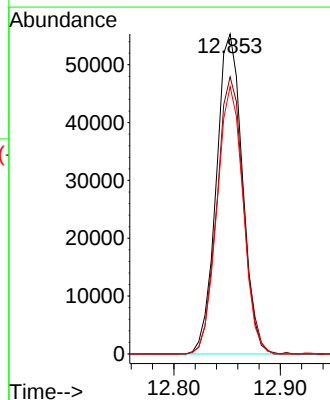
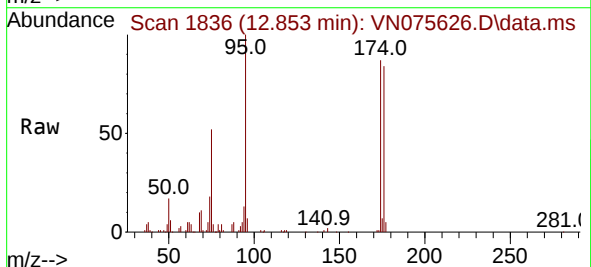
Tgt Ion: 95 Resp: 93857

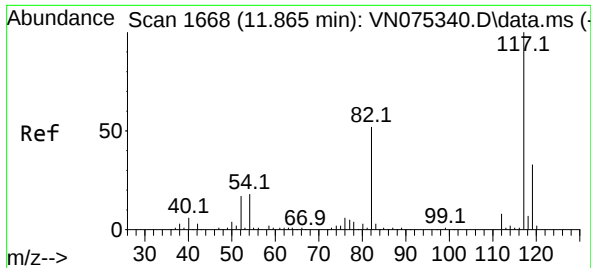
Ion Ratio Lower Upper

95 100

174 88.1 0.0 147.4

176 83.7 0.0 142.2

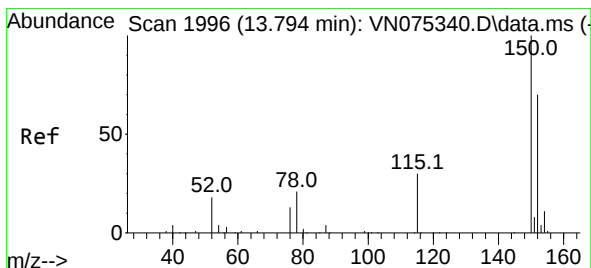
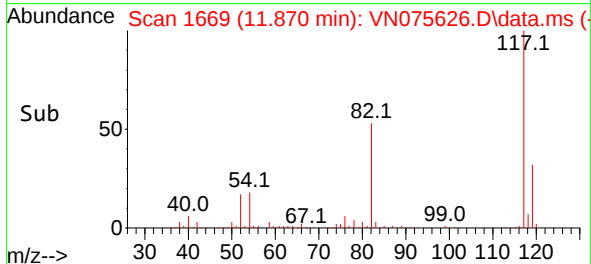
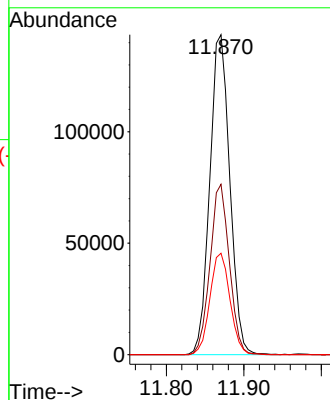
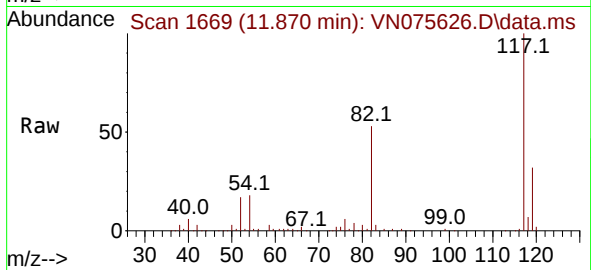




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN075626.D
Acq: 07 Dec 2022 23:08

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBL02

Tgt Ion:117 Resp: 257796
Ion Ratio Lower Upper
117 100
82 53.2 43.1 64.7
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075626.D
Acq: 07 Dec 2022 23:08

Tgt Ion:152 Resp: 116366
Ion Ratio Lower Upper
152 100
115 56.3 30.2 90.6
150 152.1 0.0 348.4

