

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077787.D
 Acq On : 22 May 2023 14:17
 Operator : JC\MD
 Sample : 02880-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB02-20230517

Quant Time: May 23 04:19:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

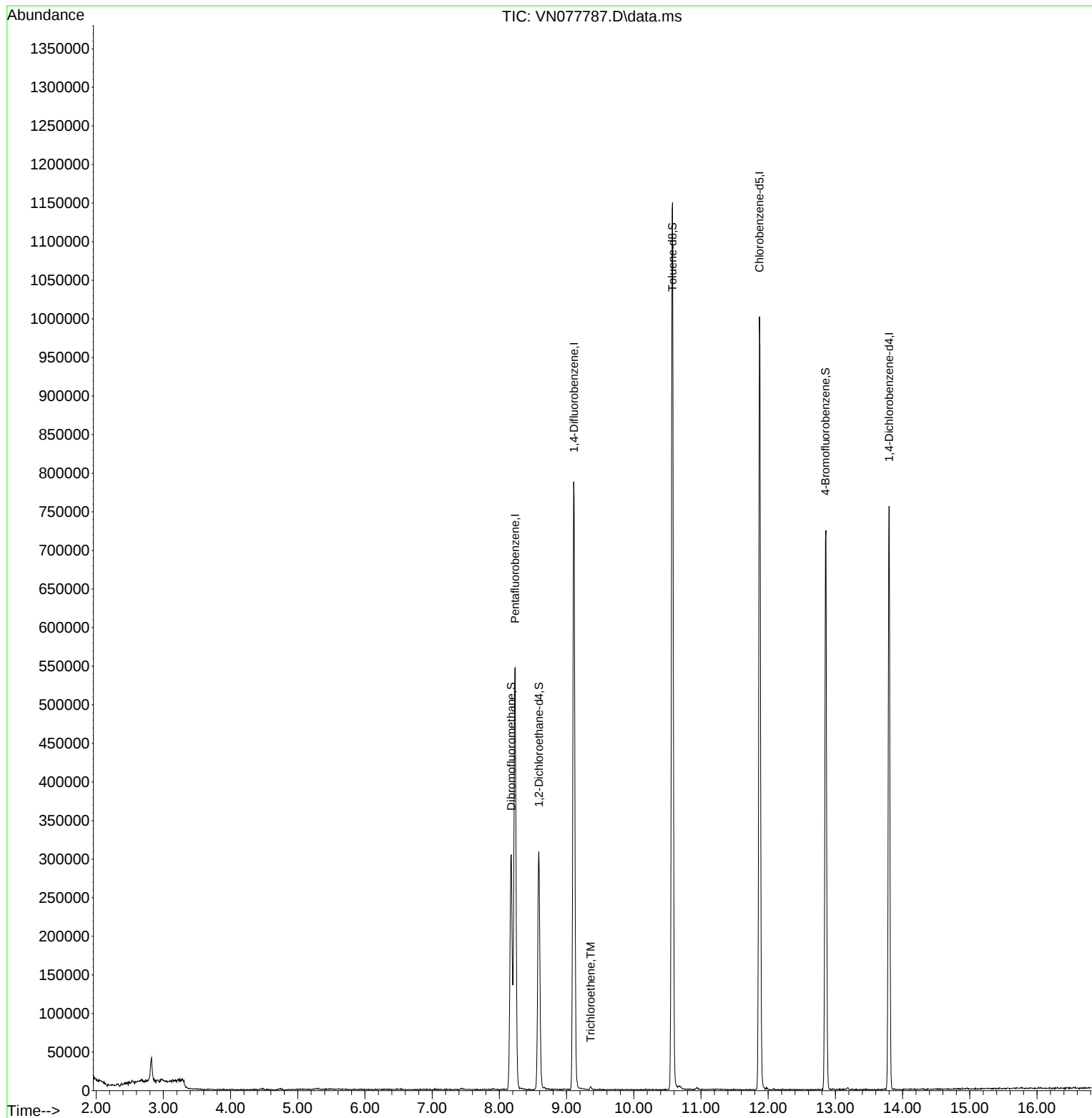
Internal Standards						
1) Pentafluorobenzene	8.235	168	395537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	706792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	607379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	197850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	257899	43.577	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.160%
35) Dibromofluoromethane	8.177	113	226843	49.218	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.440%
50) Toluene-d8	10.576	98	859087	48.426	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.853	95	272787	43.538	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.080%
Target Compounds						
44) Trichloroethene	9.359	130	1223	0.243	ug/l	99

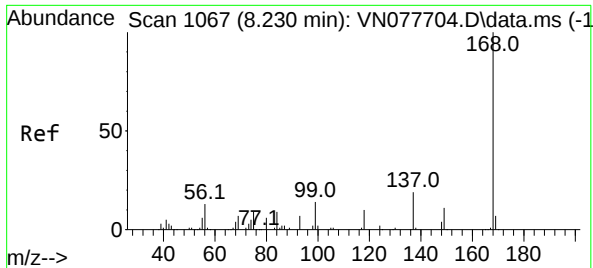
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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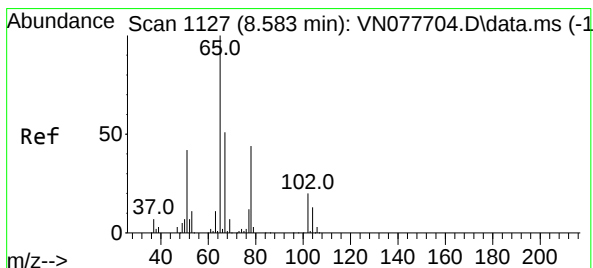
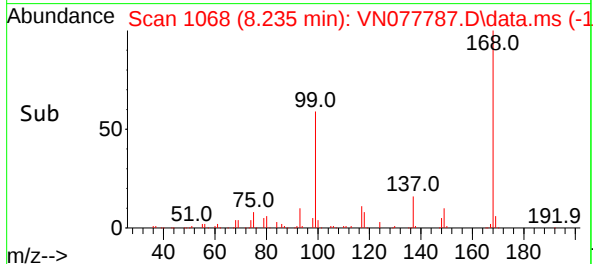
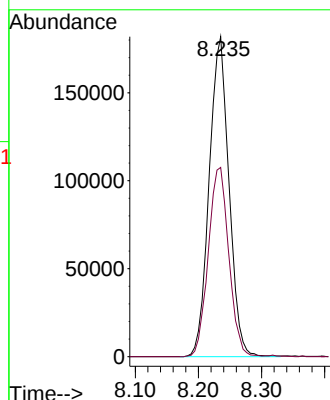
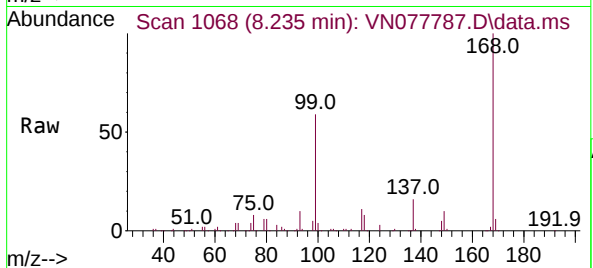




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

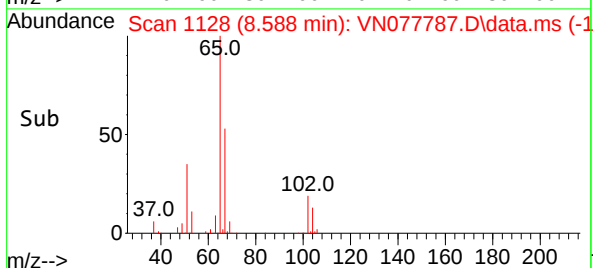
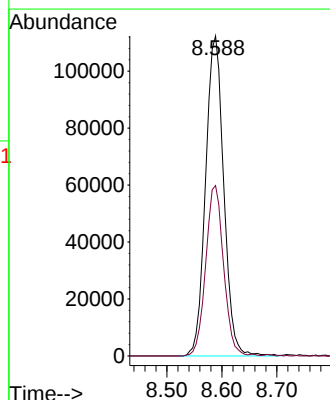
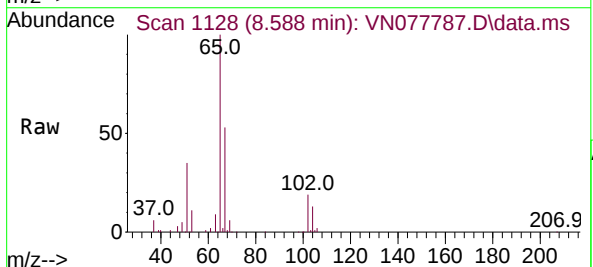
Instrument :
MSVOA_N
ClientSampleId :
TB02-20230517

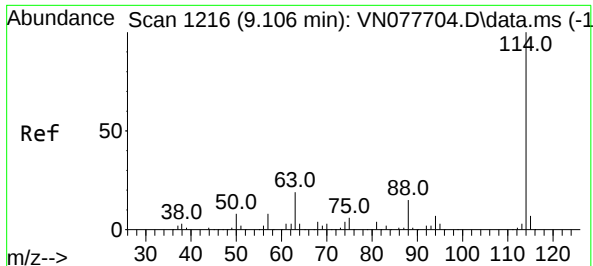
Tgt Ion:168 Resp: 395537
Ion Ratio Lower Upper
168 100
99 59.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 43.577 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

Tgt Ion: 65 Resp: 257899
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077787.D

Acq: 22 May 2023 14:17

Instrument :

MSVOA_N

ClientSampleId :

TB02-20230517

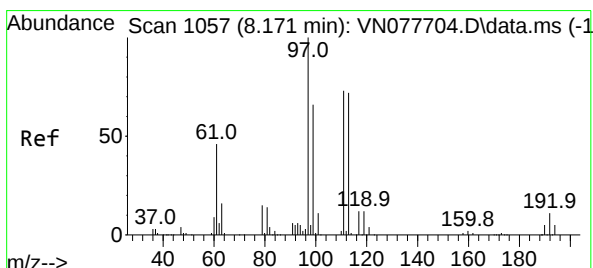
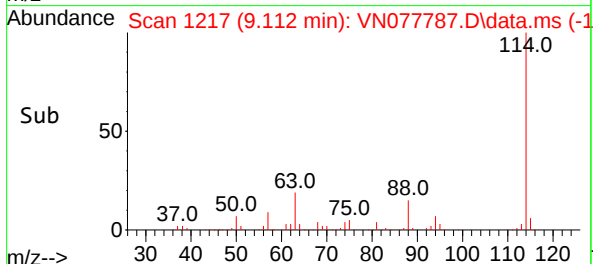
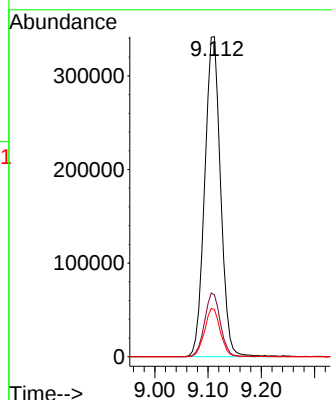
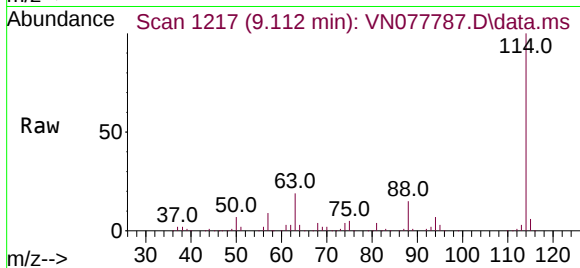
Tgt Ion:114 Resp: 706792

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.218 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077787.D

Acq: 22 May 2023 14:17

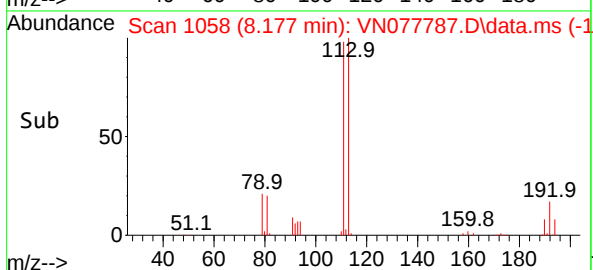
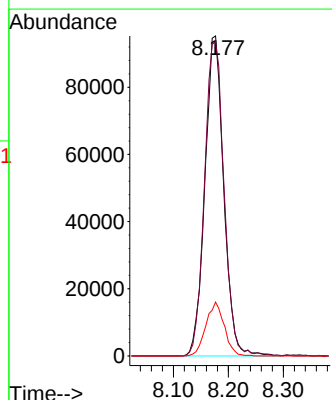
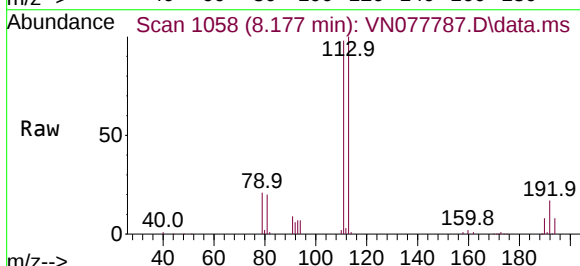
Tgt Ion:113 Resp: 226843

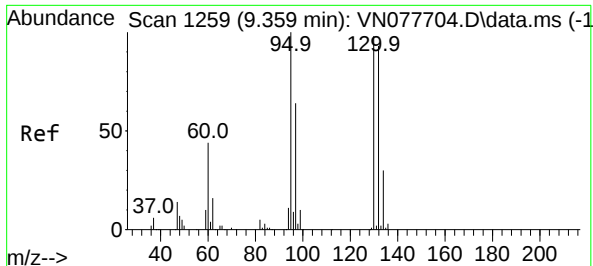
Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 16.4 12.7 19.1

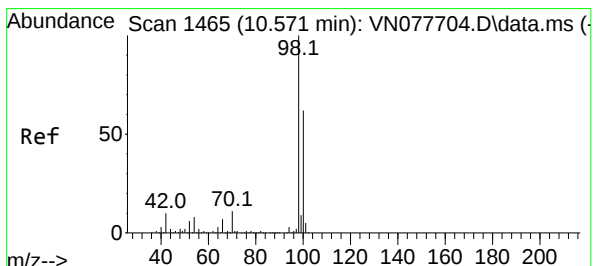
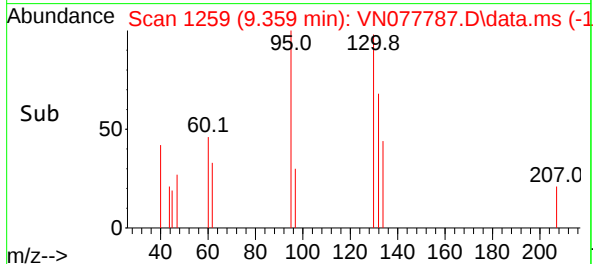
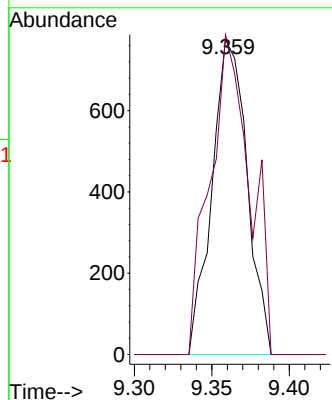
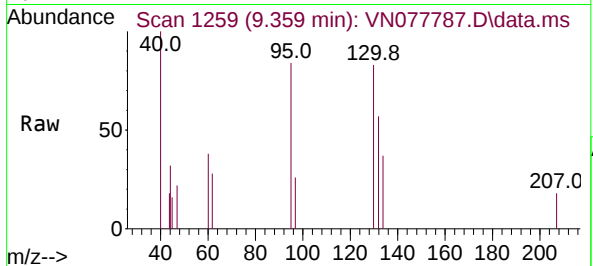




#44
Trichloroethene
Concen: 0.243 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

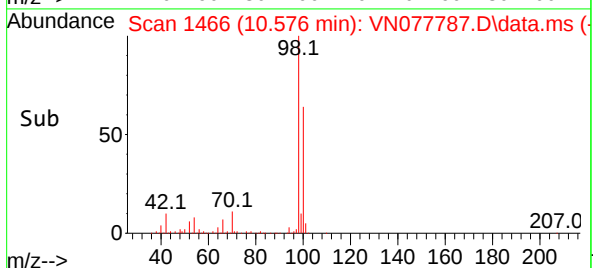
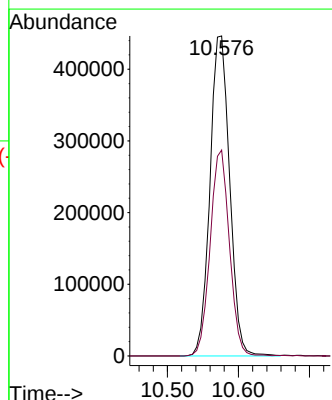
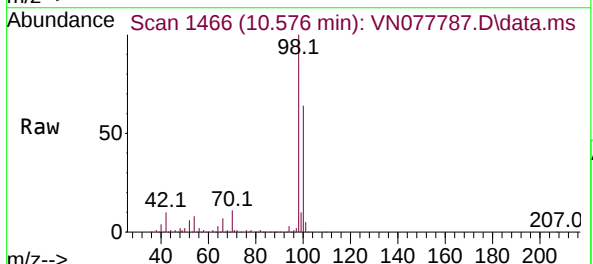
Instrument :
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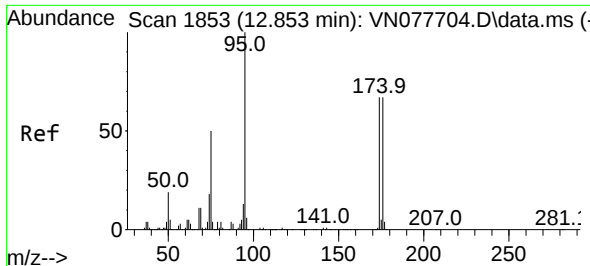
Tgt Ion:130 Resp: 1223
Ion Ratio Lower Upper
130 100
95 101.5 0.0 204.6



#50
Toluene-d8
Concen: 48.426 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

Tgt Ion: 98 Resp: 859087
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0

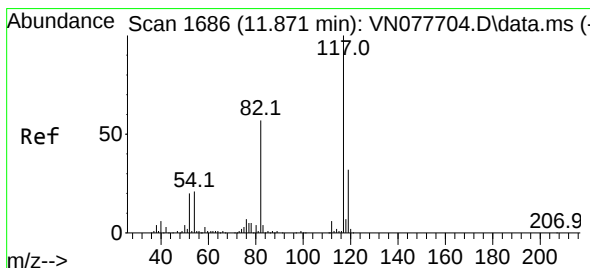
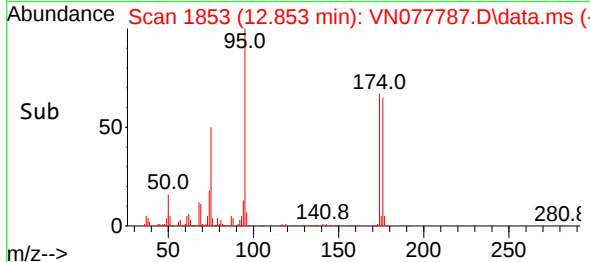
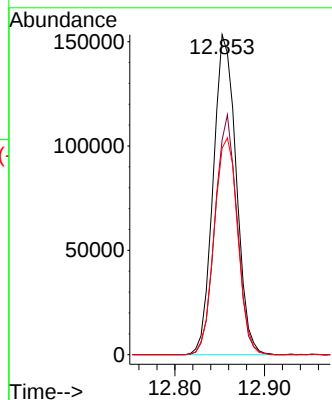
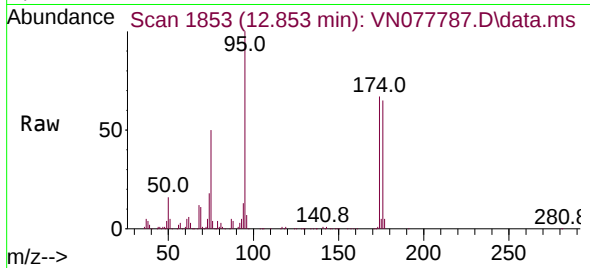




#62
4-Bromofluorobenzene
Concen: 43.538 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

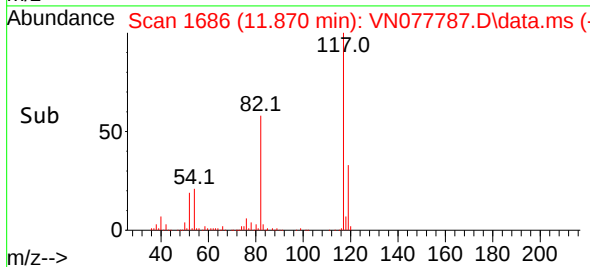
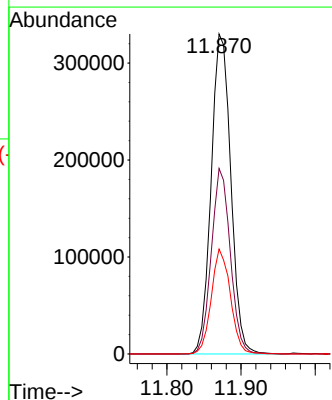
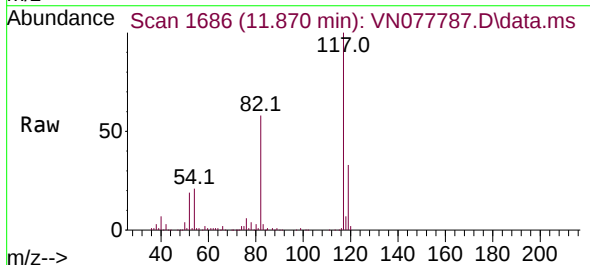
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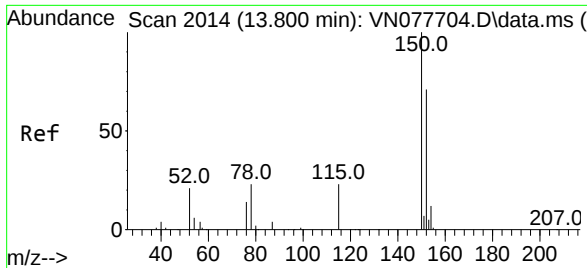
Tgt Ion: 95 Resp: 272787
Ion Ratio Lower Upper
95 100
174 71.9 0.0 143.8
176 69.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

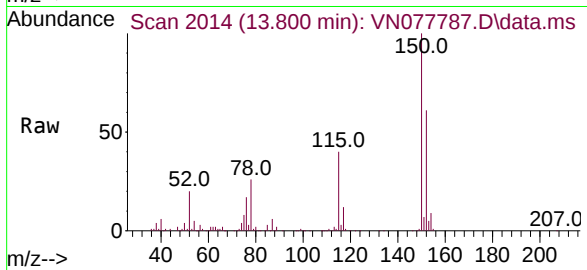
Tgt Ion: 117 Resp: 607379
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 32.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077787.D
 Acq: 22 May 2023 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 TB02-20230517



Tgt Ion:152 Resp: 197850
 Ion Ratio Lower Upper
 152 100
 115 65.2 32.3 96.8
 150 162.8 0.0 355.8

