

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077723.D
 Acq On : 17 May 2023 18:54
 Operator : JC\MD
 Sample : 02831-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-7D

Quant Time: May 18 01:40:52 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)

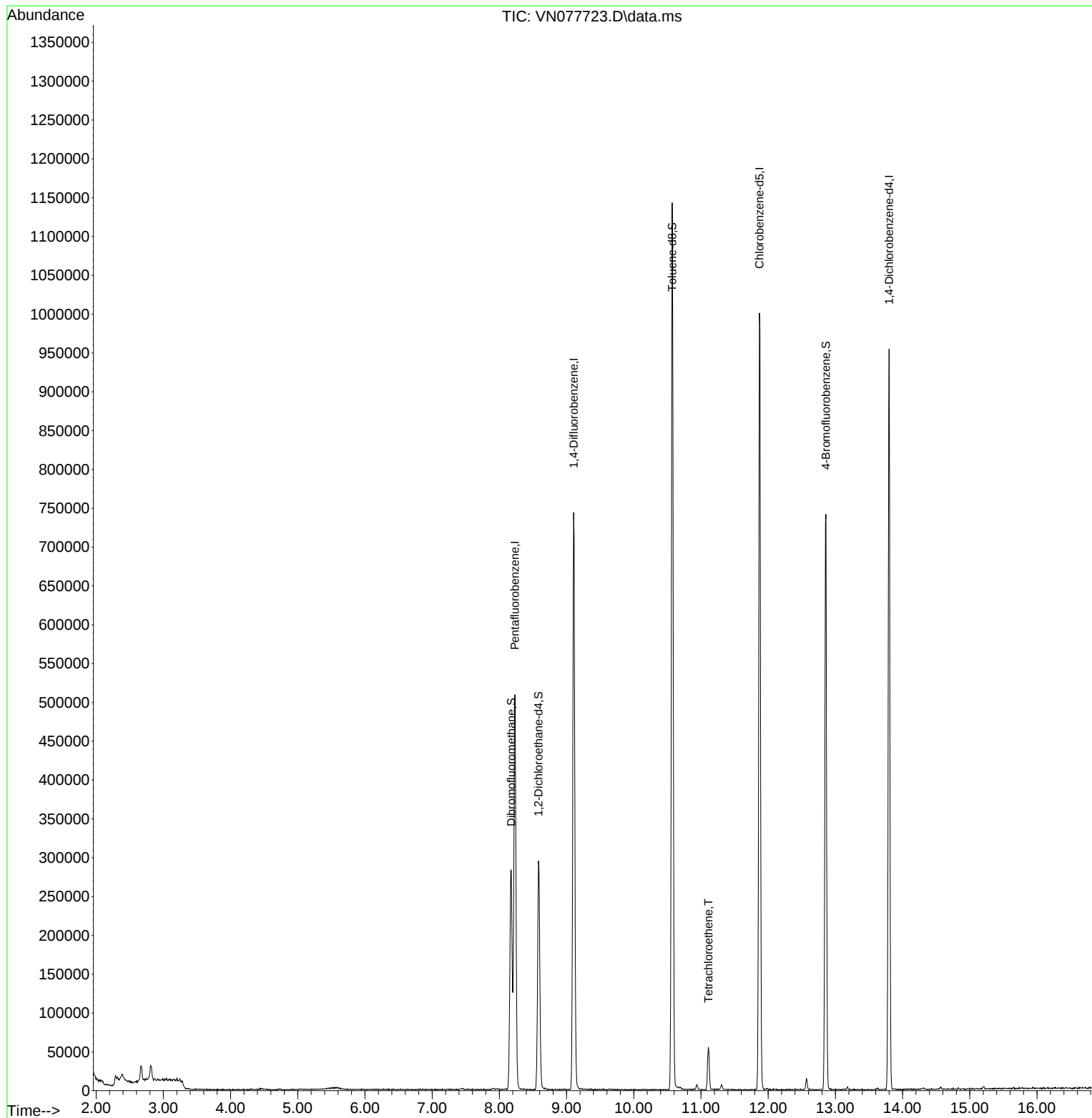
Internal Standards						
1) Pentafluorobenzene	8.229	168	359856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	648000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	589382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	248621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	250443	46.513	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.020%
35) Dibromofluoromethane	8.177	113	205231	48.569	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.140%
50) Toluene-d8	10.570	98	814968	50.107	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.859	95	268852	46.804	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.600%
Target Compounds						
64) Tetrachloroethene	11.112	164	12158	2.950	ug/l	Qvalue 90

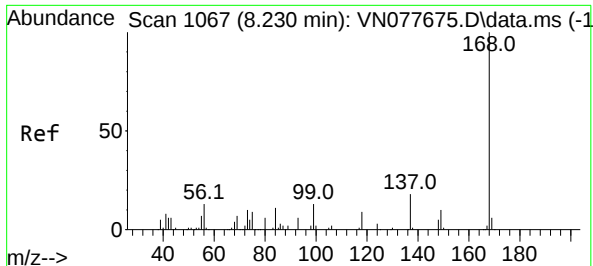
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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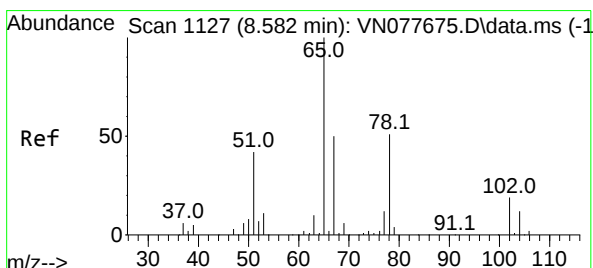
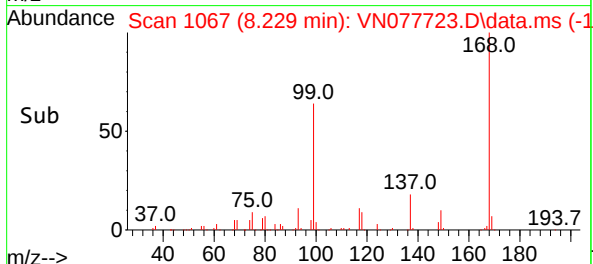
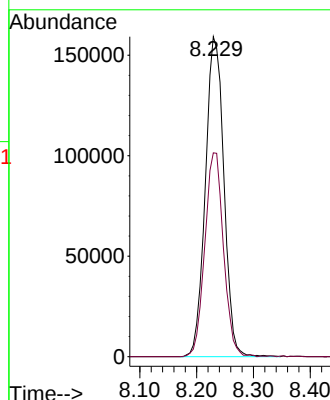
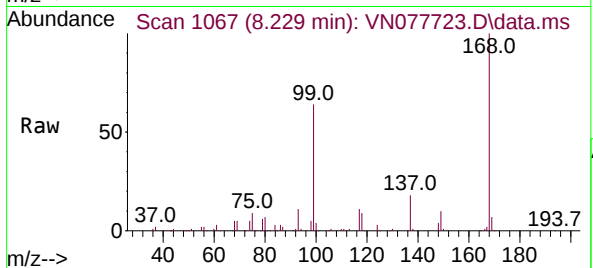




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

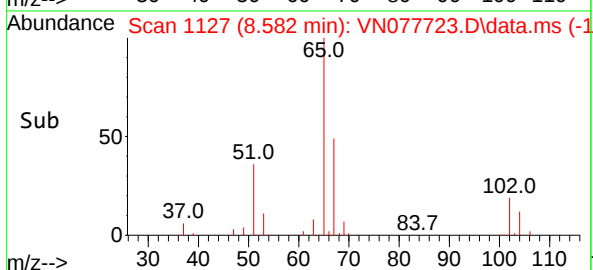
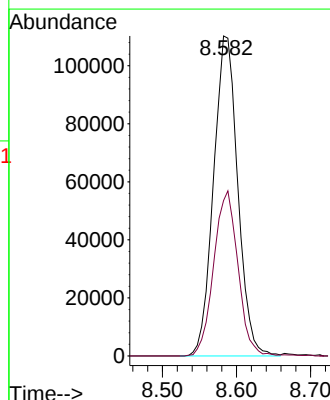
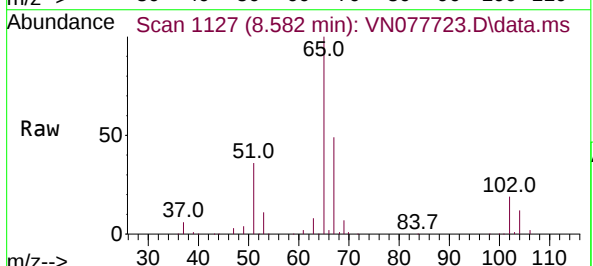
Instrument :
MSVOA_N
ClientSampleId :
MP-7D

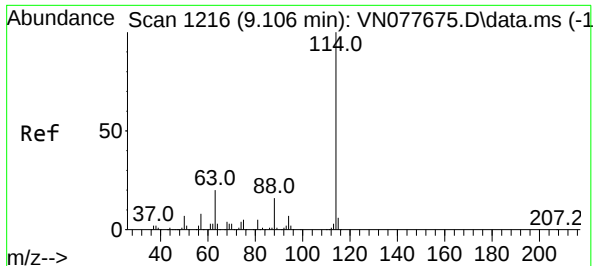
Tgt Ion:168 Resp: 359856
Ion Ratio Lower Upper
168 100
99 63.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.513 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

Tgt Ion: 65 Resp: 250443
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077723.D

Acq: 17 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

MP-7D

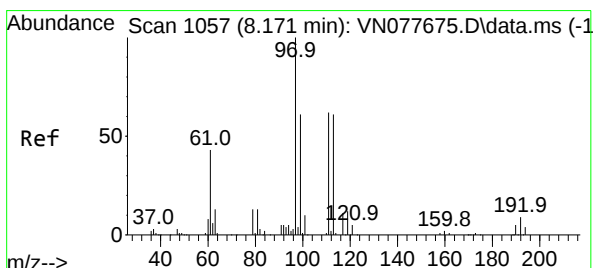
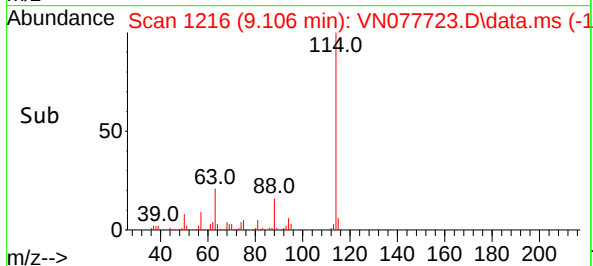
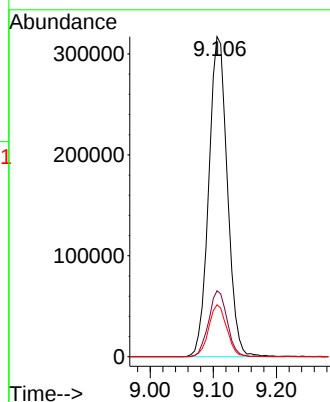
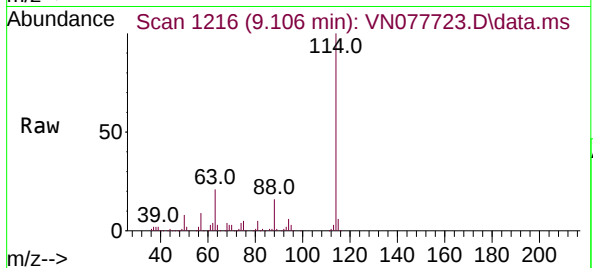
Tgt Ion:114 Resp: 648000

Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.569 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077723.D

Acq: 17 May 2023 18:54

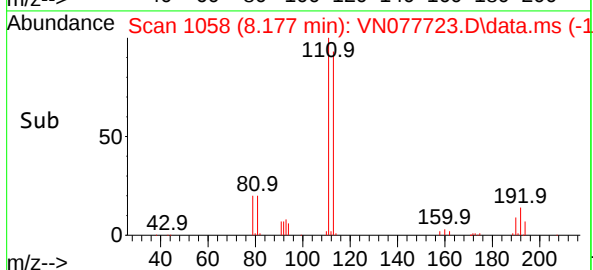
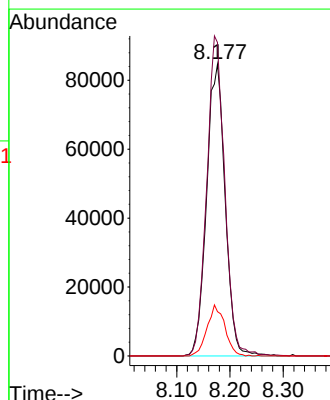
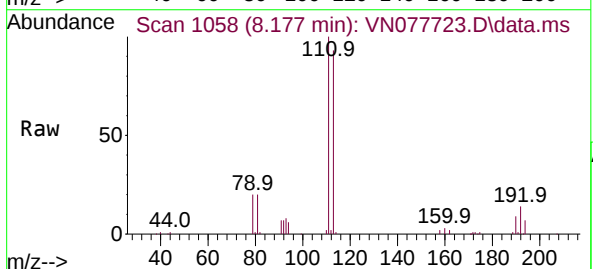
Tgt Ion:113 Resp: 205231

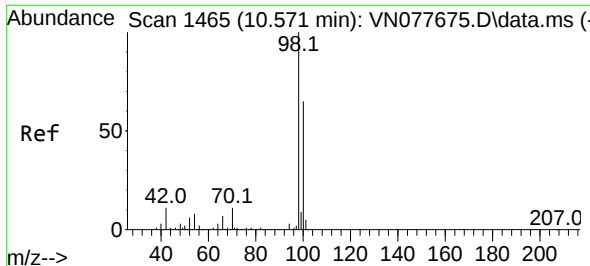
Ion Ratio Lower Upper

113 100

111 106.3 82.6 123.8

192 16.8 12.7 19.1

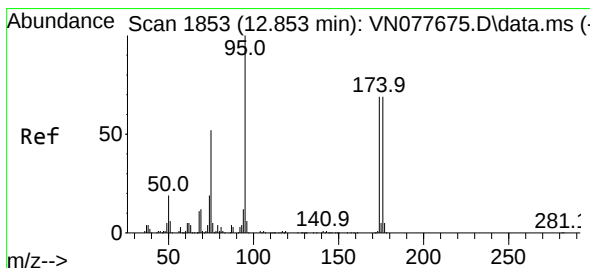
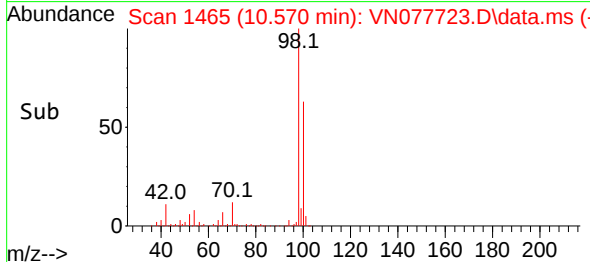
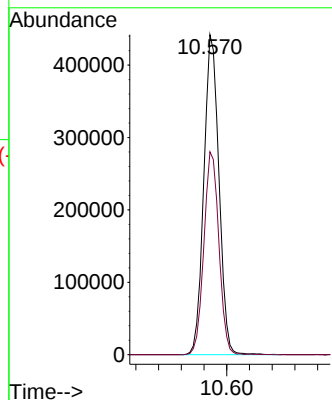
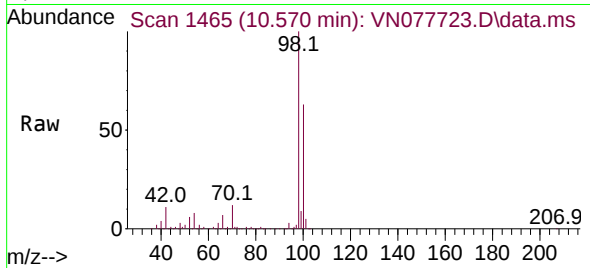




#50
Toluene-d8
Concen: 50.107 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

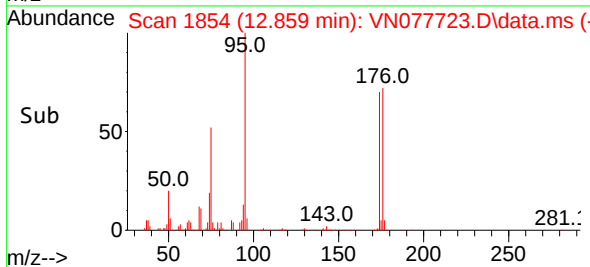
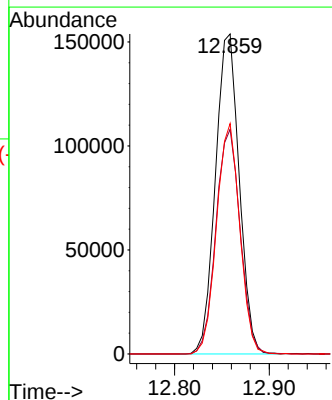
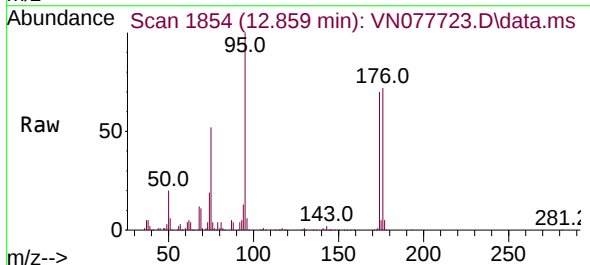
Instrument :
MSVOA_N
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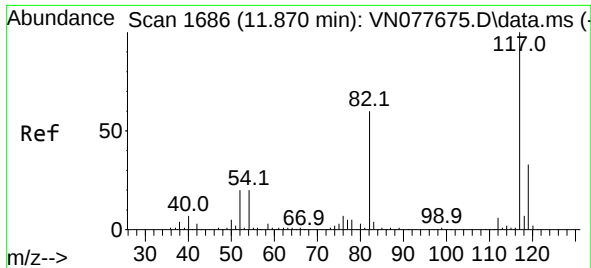
Tgt Ion: 98 Resp: 814968
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.804 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

Tgt Ion: 95 Resp: 268852
Ion Ratio Lower Upper
95 100
174 71.3 0.0 143.8
176 70.1 0.0 135.8

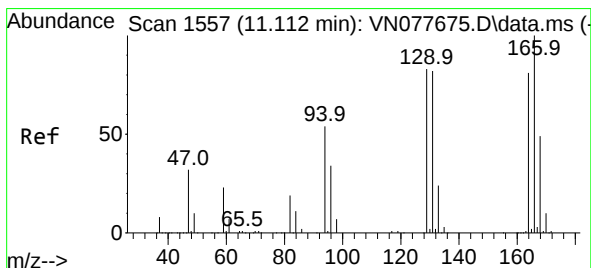
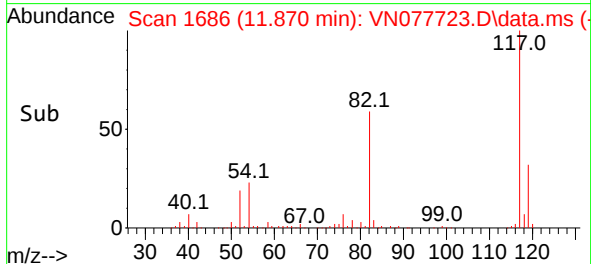
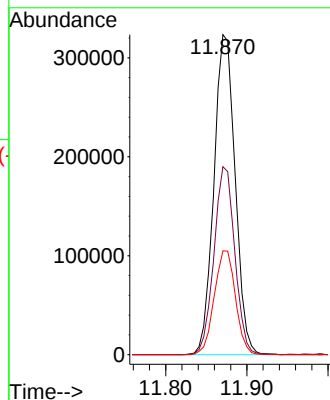
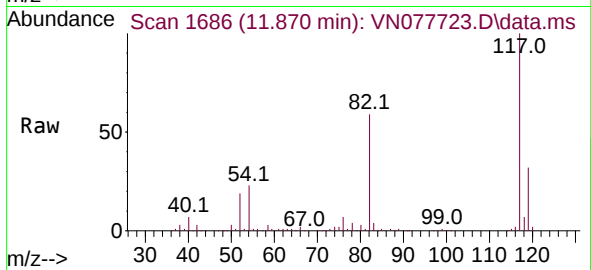




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

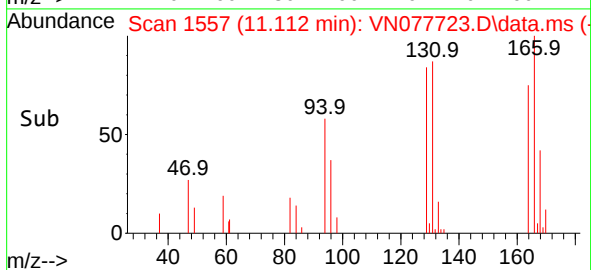
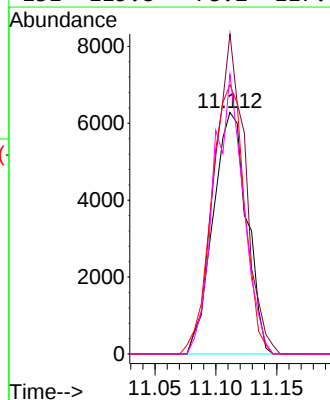
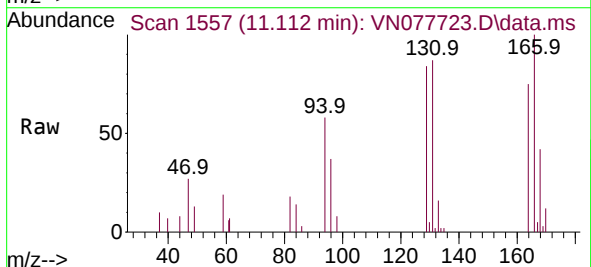
Instrument :
MSVOA_N
ClientSampleId :
MP-7D

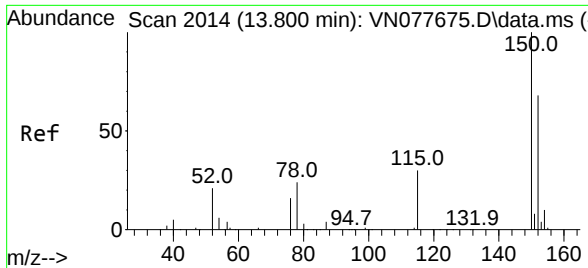
Tgt Ion:117 Resp: 589382
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 2.950 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

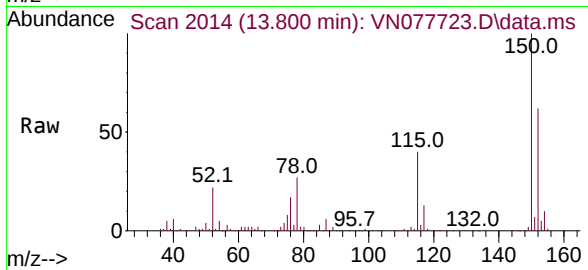
Tgt Ion:164 Resp: 12158
Ion Ratio Lower Upper
164 100
166 132.5 101.4 152.0
129 111.5 82.4 123.6
131 115.8 78.2 117.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN077723.D
Acq: 17 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
MP-7D



Tgt Ion:152 Resp: 248621
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 158.3 0.0 355.8

