

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077724.D
 Acq On : 17 May 2023 19:18
 Operator : JC\MD
 Sample : 02831-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-1D

Quant Time: May 18 01:41:01 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)

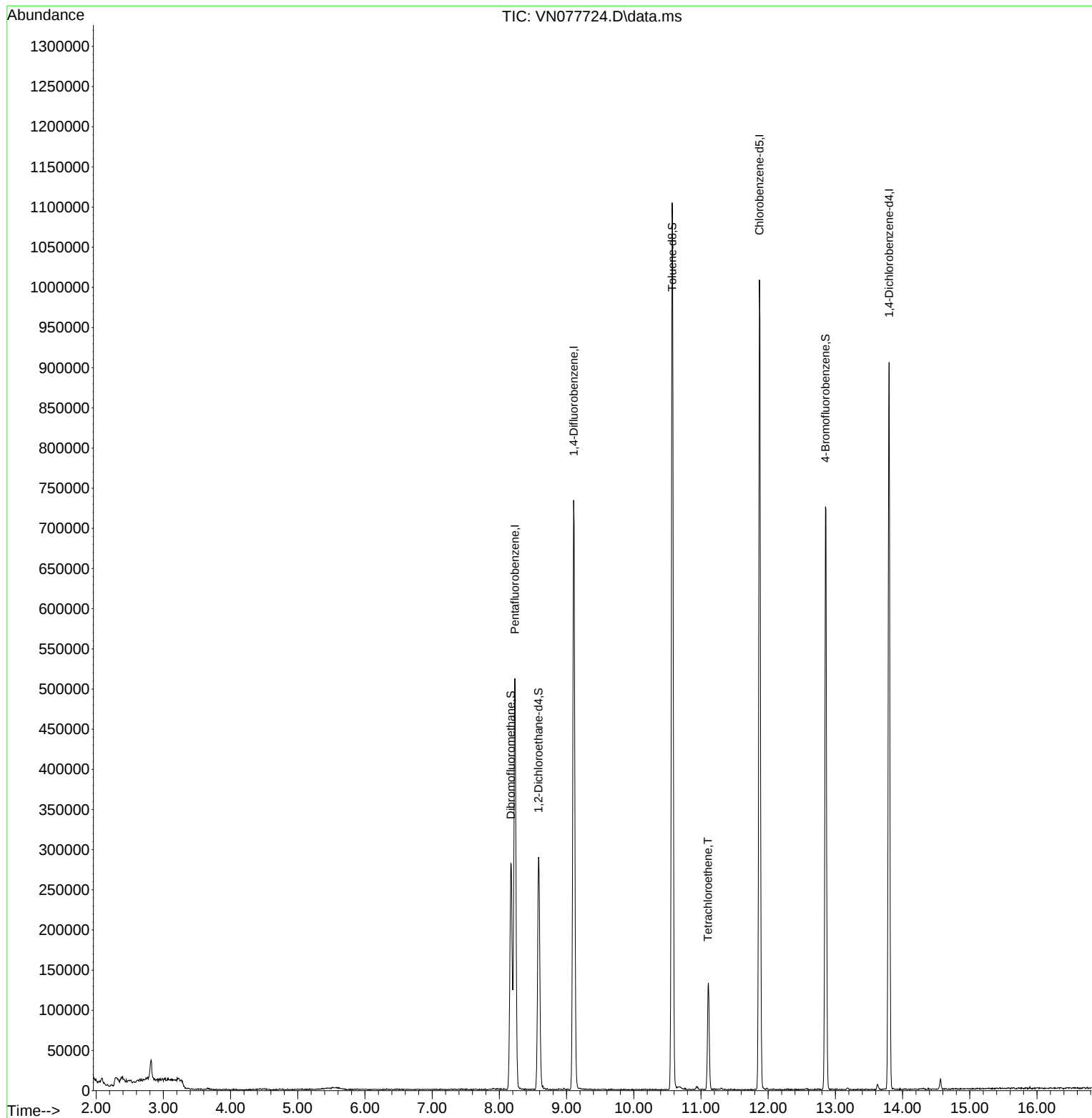
Internal Standards						
1) Pentafluorobenzene	8.230	168	351193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	647262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	581939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	235227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	250550	47.681	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.360%
35) Dibromofluoromethane	8.171	113	205302	48.641	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.280%
50) Toluene-d8	10.571	98	801843	49.357	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.853	95	260780	45.450	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.900%
Target Compounds						
64) Tetrachloroethene	11.106	164	28800	7.077	ug/l	Qvalue 97

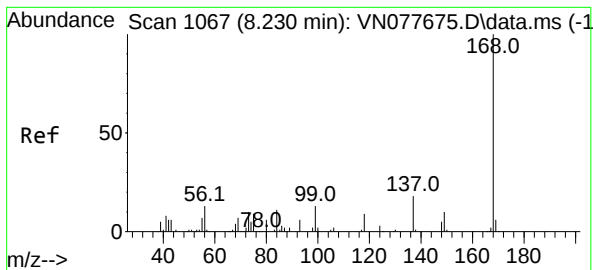
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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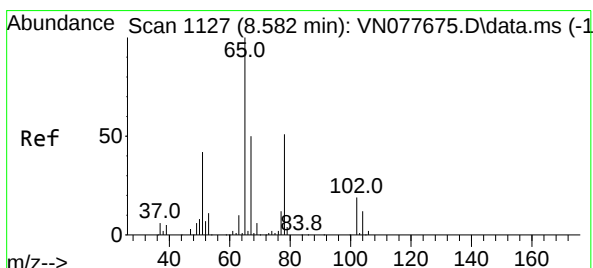
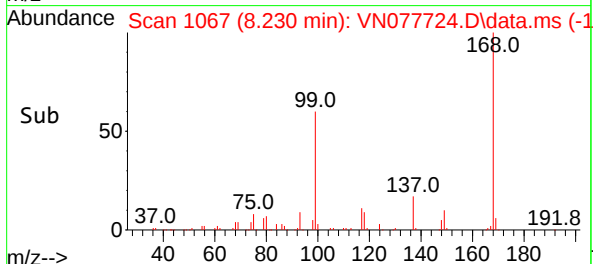
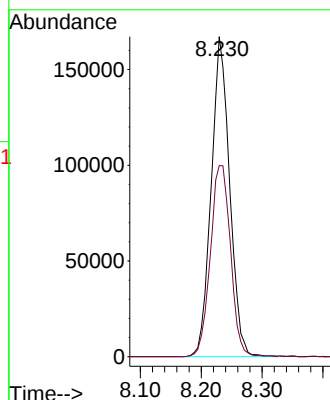
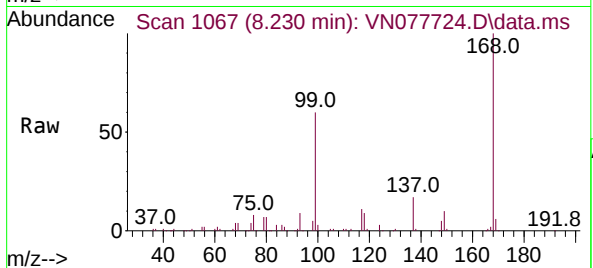




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

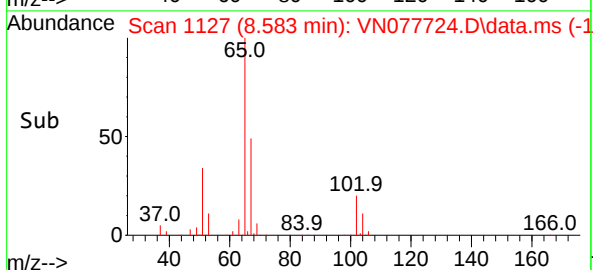
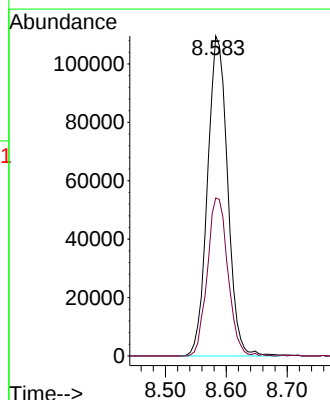
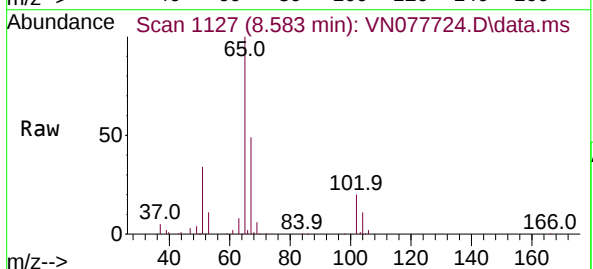
Instrument :
MSVOA_N
ClientSampleId :
MP-1D

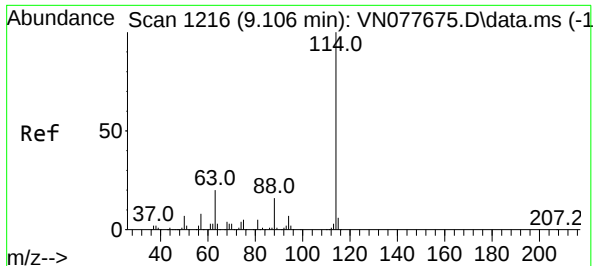
Tgt Ion:168 Resp: 351193
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.681 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

Tgt Ion: 65 Resp: 250550
Ion Ratio Lower Upper
65 100
67 50.4 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: VN077724.D

Acq: 17 May 2023 19:18

Instrument :

MSVOA_N

ClientSampleId :

MP-1D

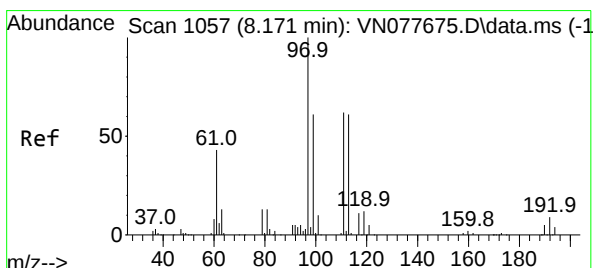
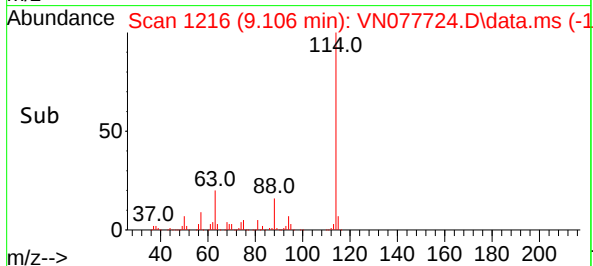
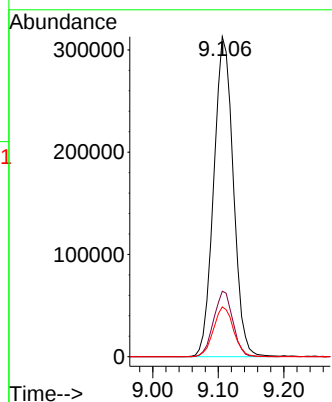
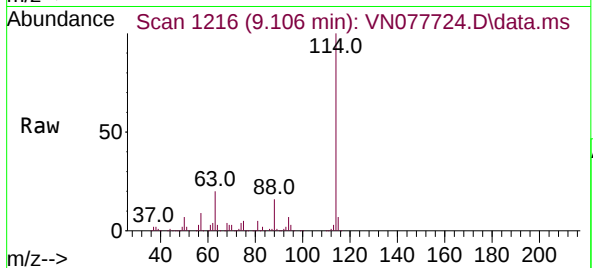
Tgt Ion:114 Resp: 647262

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.641 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077724.D

Acq: 17 May 2023 19:18

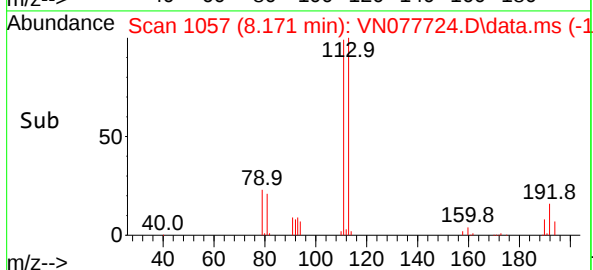
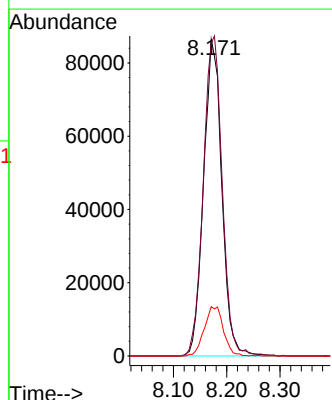
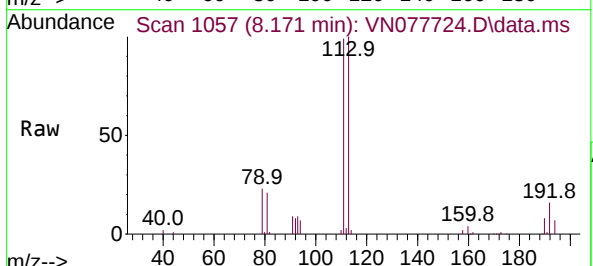
Tgt Ion:113 Resp: 205302

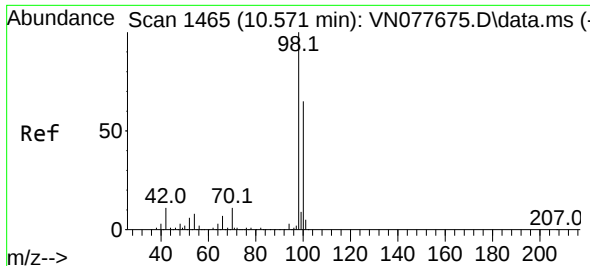
Ion Ratio Lower Upper

113 100

111 105.0 82.6 123.8

192 16.4 12.7 19.1

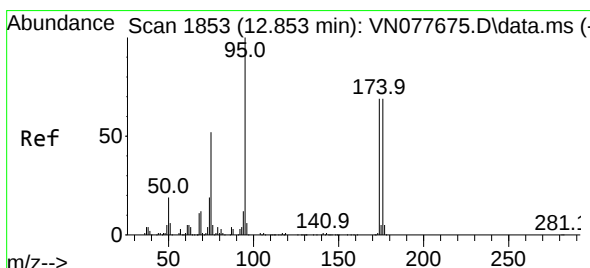
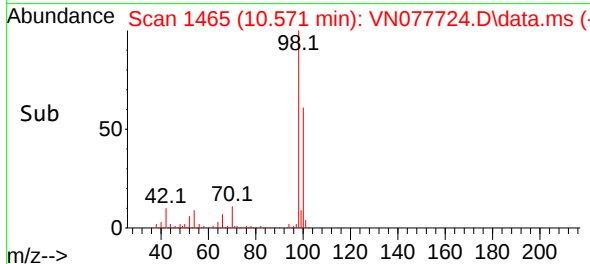
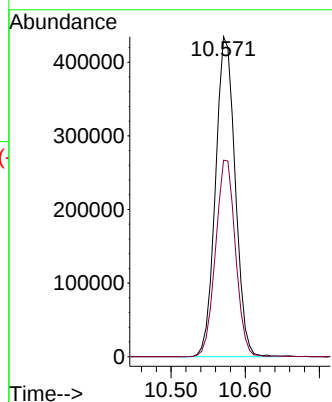
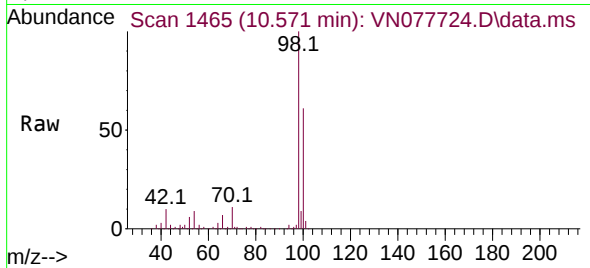




#50
Toluene-d8
Concen: 49.357 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

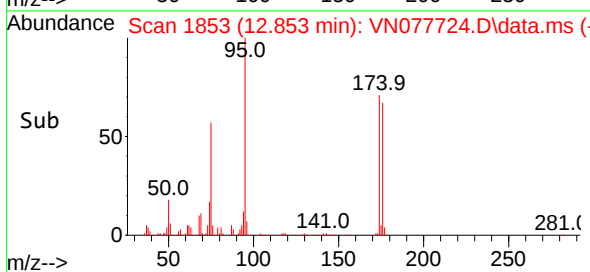
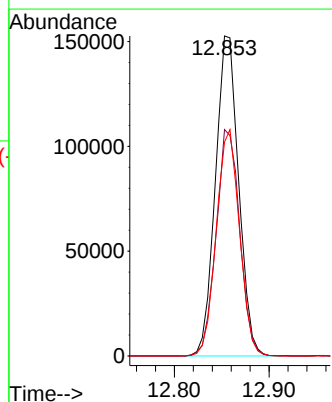
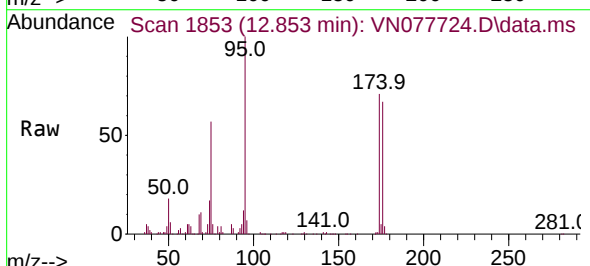
Instrument :
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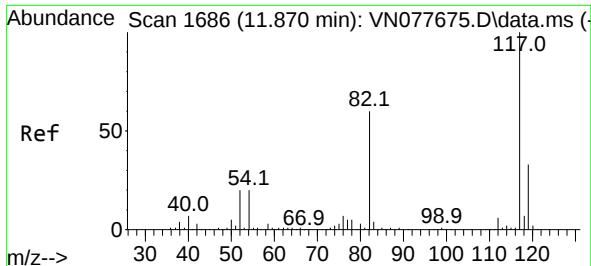
Tgt Ion: 98 Resp: 801843
Ion Ratio Lower Upper
98 100
100 62.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.450 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

Tgt Ion: 95 Resp: 260780
Ion Ratio Lower Upper
95 100
174 71.7 0.0 143.8
176 70.6 0.0 135.8

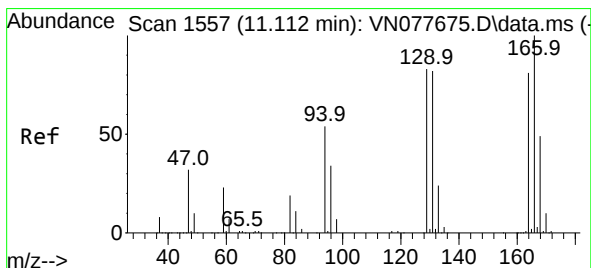
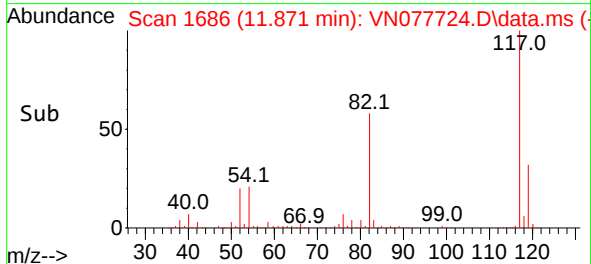
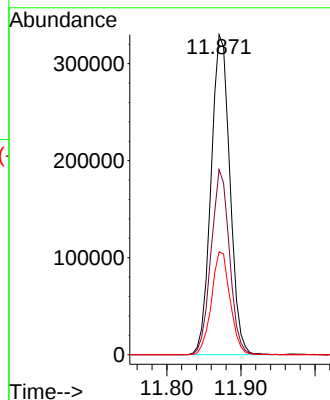
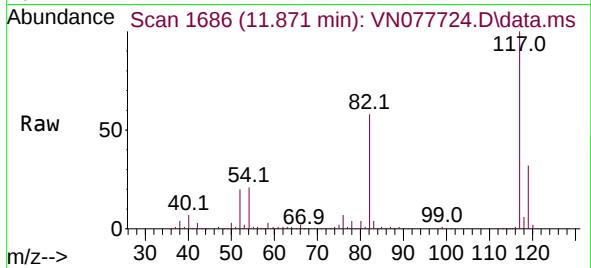




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

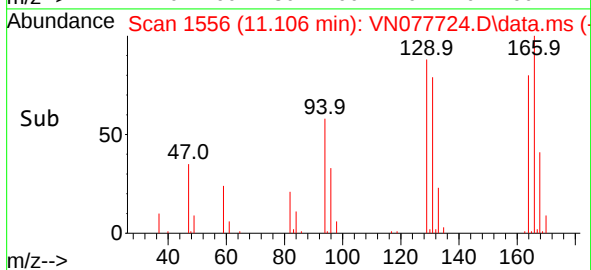
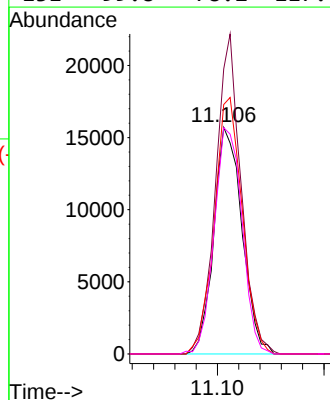
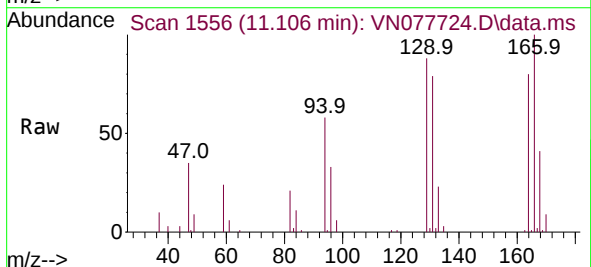
Instrument :
MSVOA_N
ClientSampleId :
MP-1D

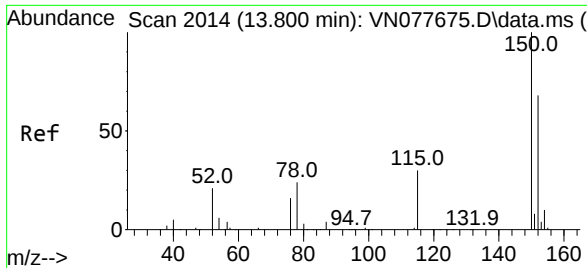
Tgt Ion:117 Resp: 581939
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 7.077 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

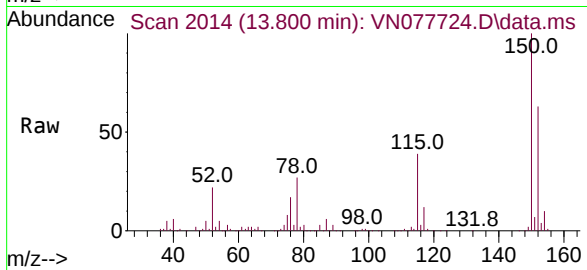
Tgt Ion:164 Resp: 28800
Ion Ratio Lower Upper
164 100
166 125.7 101.4 152.0
129 110.1 82.4 123.6
131 99.8 78.2 117.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077724.D
 Acq: 17 May 2023 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-1D



Tgt Ion:152 Resp: 235227
 Ion Ratio Lower Upper
 152 100
 115 62.8 32.3 96.8
 150 159.3 0.0 355.8

