

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077744.D
 Acq On : 18 May 2023 18:17
 Operator : JC\MD
 Sample : 02834-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D3-20230516

Quant Time: May 19 07:36:50 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)

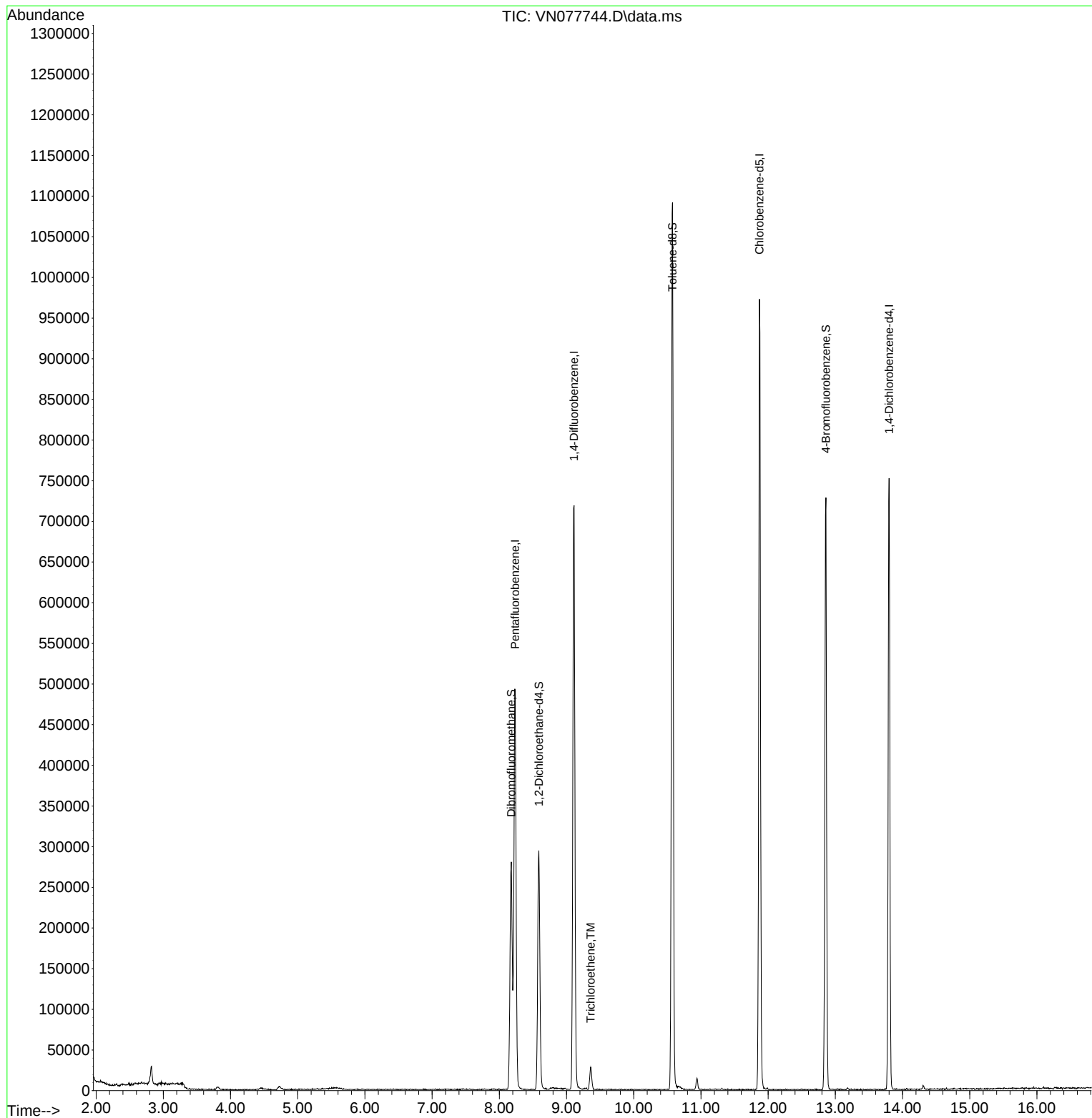
Internal Standards						
1) Pentafluorobenzene	8.236	168	348623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	646554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	577257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	202124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	245776	47.117	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.240%
35) Dibromofluoromethane	8.177	113	202009	47.914	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.820%
50) Toluene-d8	10.577	98	797970	49.172	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.859	95	260043	45.371	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.740%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.359	130	10155	2.204	ug/l	93

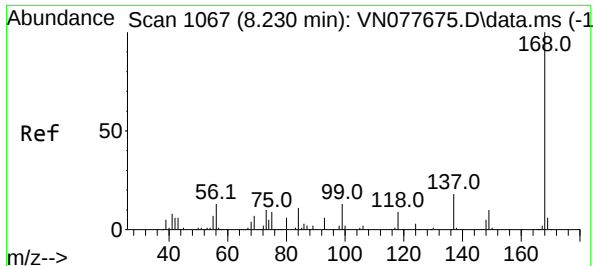
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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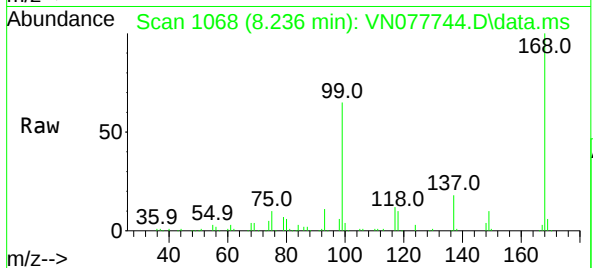
Quant Time: May 19 07:36:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



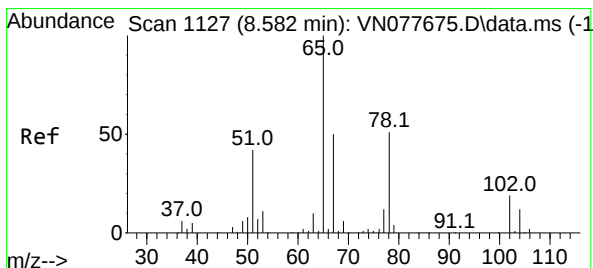
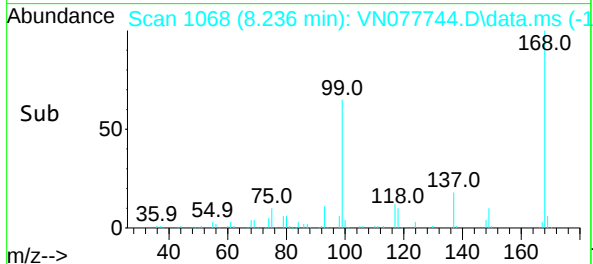
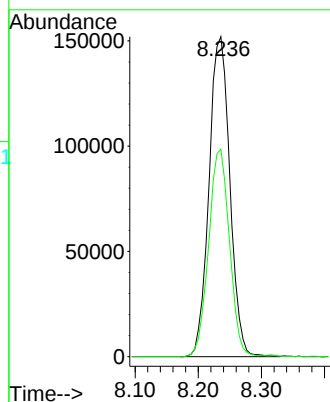


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN077744.D
Acq: 18 May 2023 18:17

Instrument :
MSVOA_N
ClientSampleId :
RE122D3-20230516

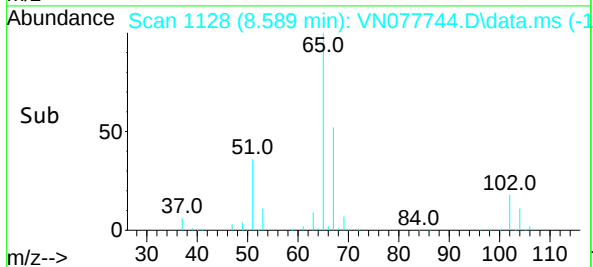
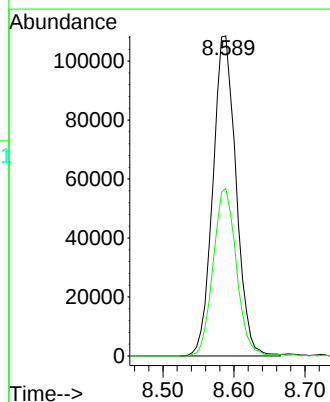
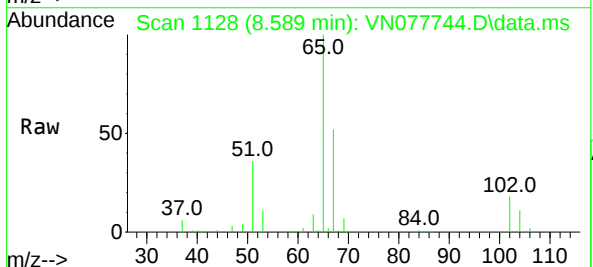


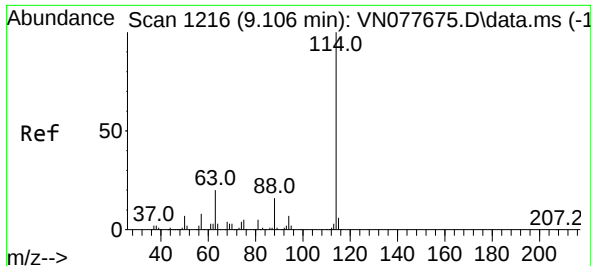
Tgt Ion:168 Resp: 348623
Ion Ratio Lower Upper
168 100
99 64.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.117 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.007 min
Lab File: VN077744.D
Acq: 18 May 2023 18:17

Tgt Ion: 65 Resp: 245776
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077744.D

Acq: 18 May 2023 18:17

Instrument :

MSVOA_N

ClientSampleId :

RE122D3-20230516

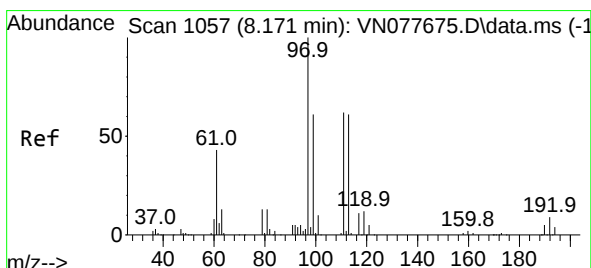
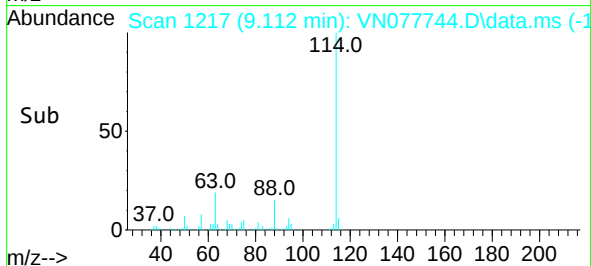
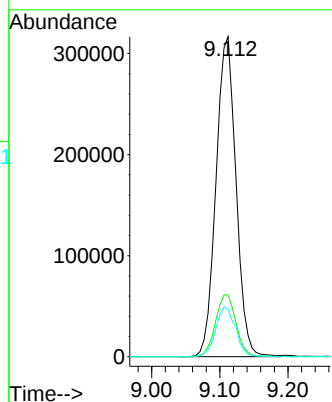
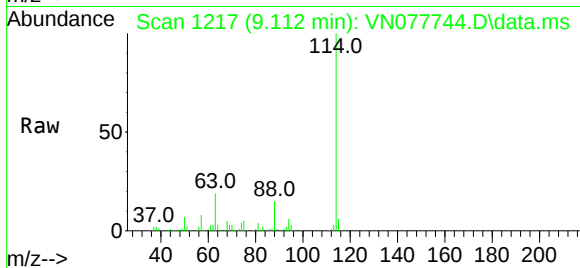
Tgt Ion:114 Resp: 646554

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.914 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077744.D

Acq: 18 May 2023 18:17

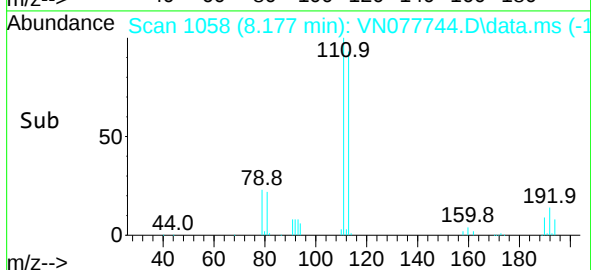
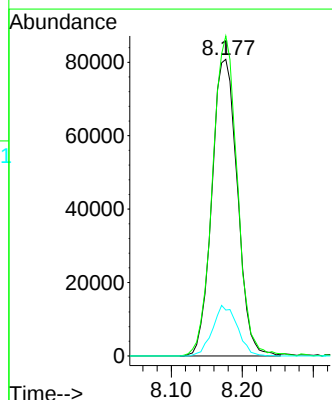
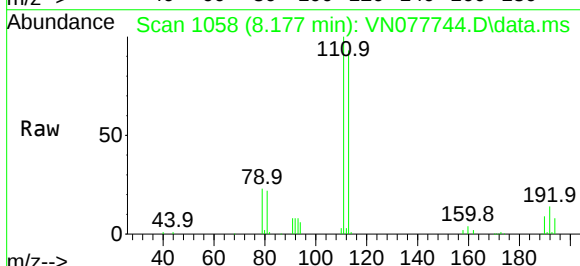
Tgt Ion:113 Resp: 202009

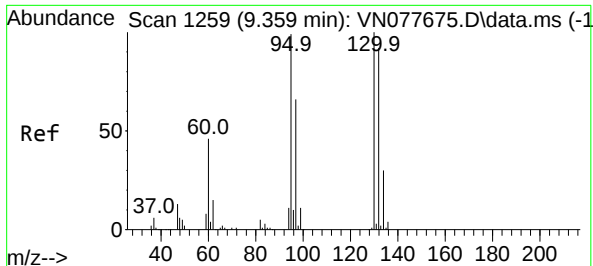
Ion Ratio Lower Upper

113 100

111 104.9 82.6 123.8

192 16.6 12.7 19.1

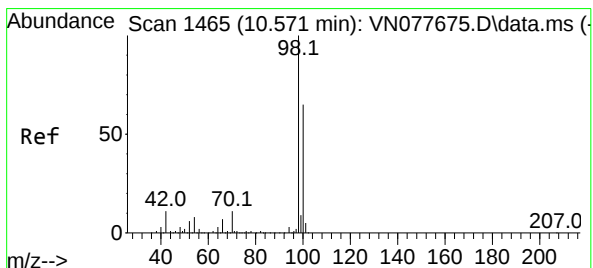
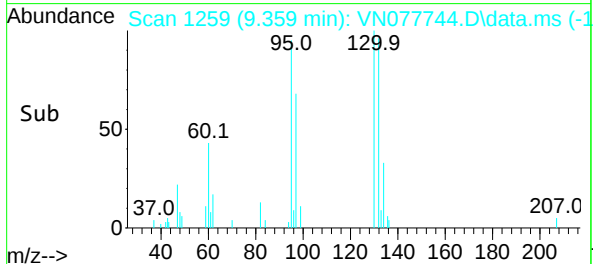
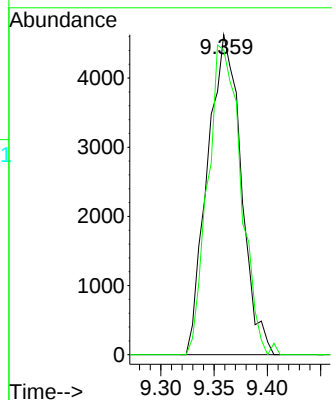
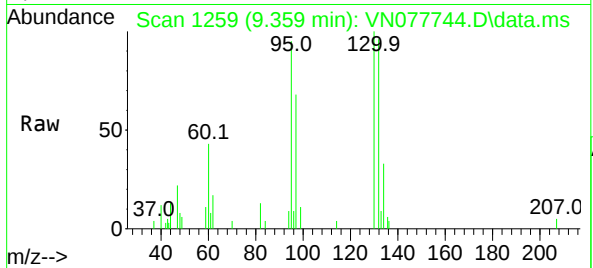




#44
Trichloroethene
Concen: 2.204 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077744.D
Acq: 18 May 2023 18:17

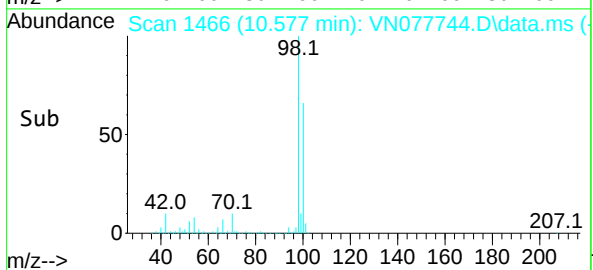
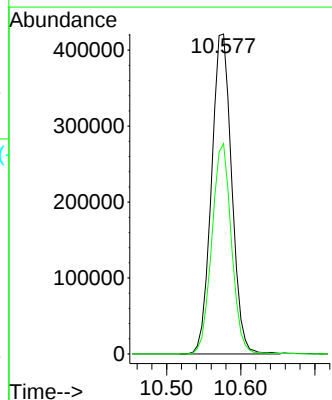
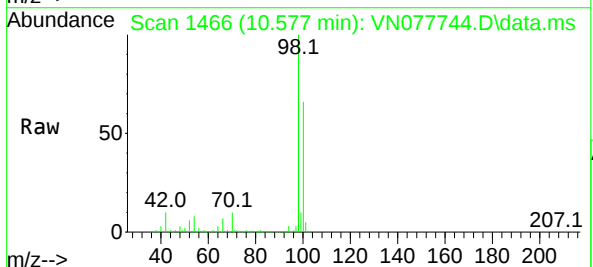
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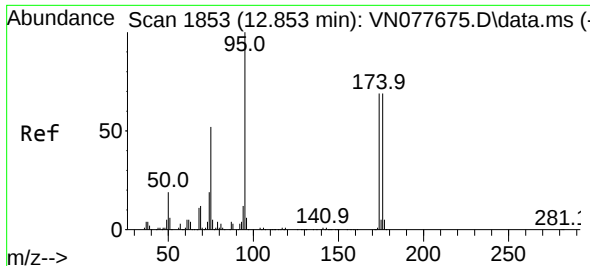
Tgt Ion:130 Resp: 10155
Ion Ratio Lower Upper
130 100
95 95.3 0.0 204.6



#50
Toluene-d8
Concen: 49.172 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077744.D
Acq: 18 May 2023 18:17

Tgt Ion: 98 Resp: 797970
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

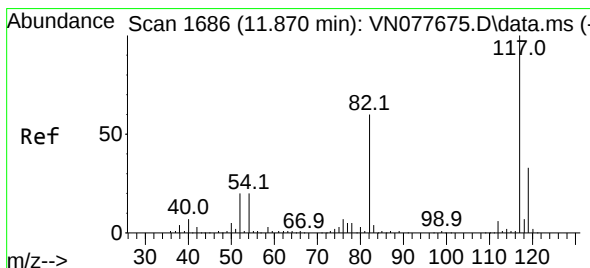
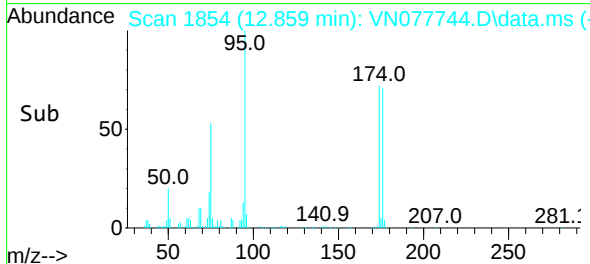
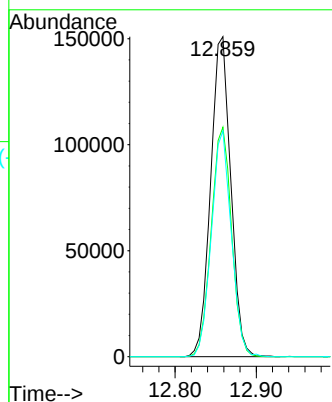
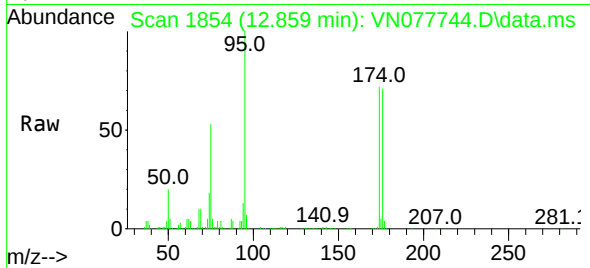




#62
4-Bromofluorobenzene
Concen: 45.371 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077744.D
Acq: 18 May 2023 18:17

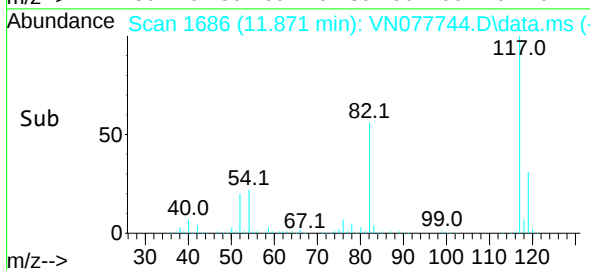
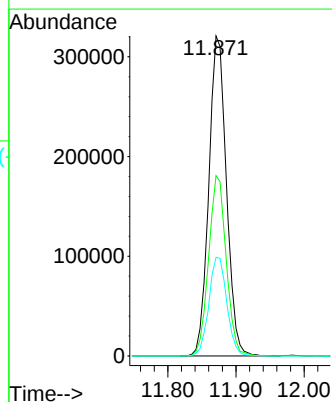
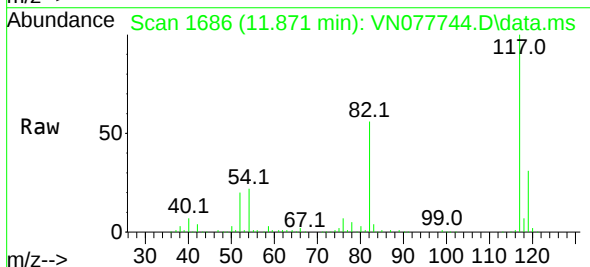
Instrument :
MSVOA_N
ClientSampleId :
RE122D3-20230516

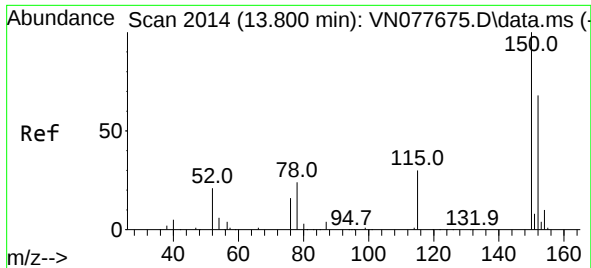
Tgt Ion: 95 Resp: 260043
Ion Ratio Lower Upper
95 100
174 72.4 0.0 143.8
176 69.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077744.D
Acq: 18 May 2023 18:17

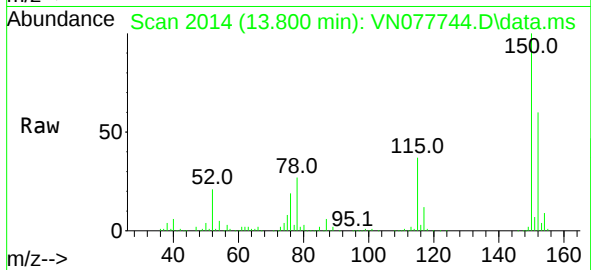
Tgt Ion: 117 Resp: 577257
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 30.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077744.D
 Acq: 18 May 2023 18:17

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D3-20230516



Tgt Ion:152 Resp: 202124
 Ion Ratio Lower Upper
 152 100
 115 62.2 32.3 96.8
 150 160.9 0.0 355.8

