

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077743.D
 Acq On : 18 May 2023 17:53
 Operator : JC\MD
 Sample : 02834-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D2-20230515

Quant Time: May 19 07:36:39 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)

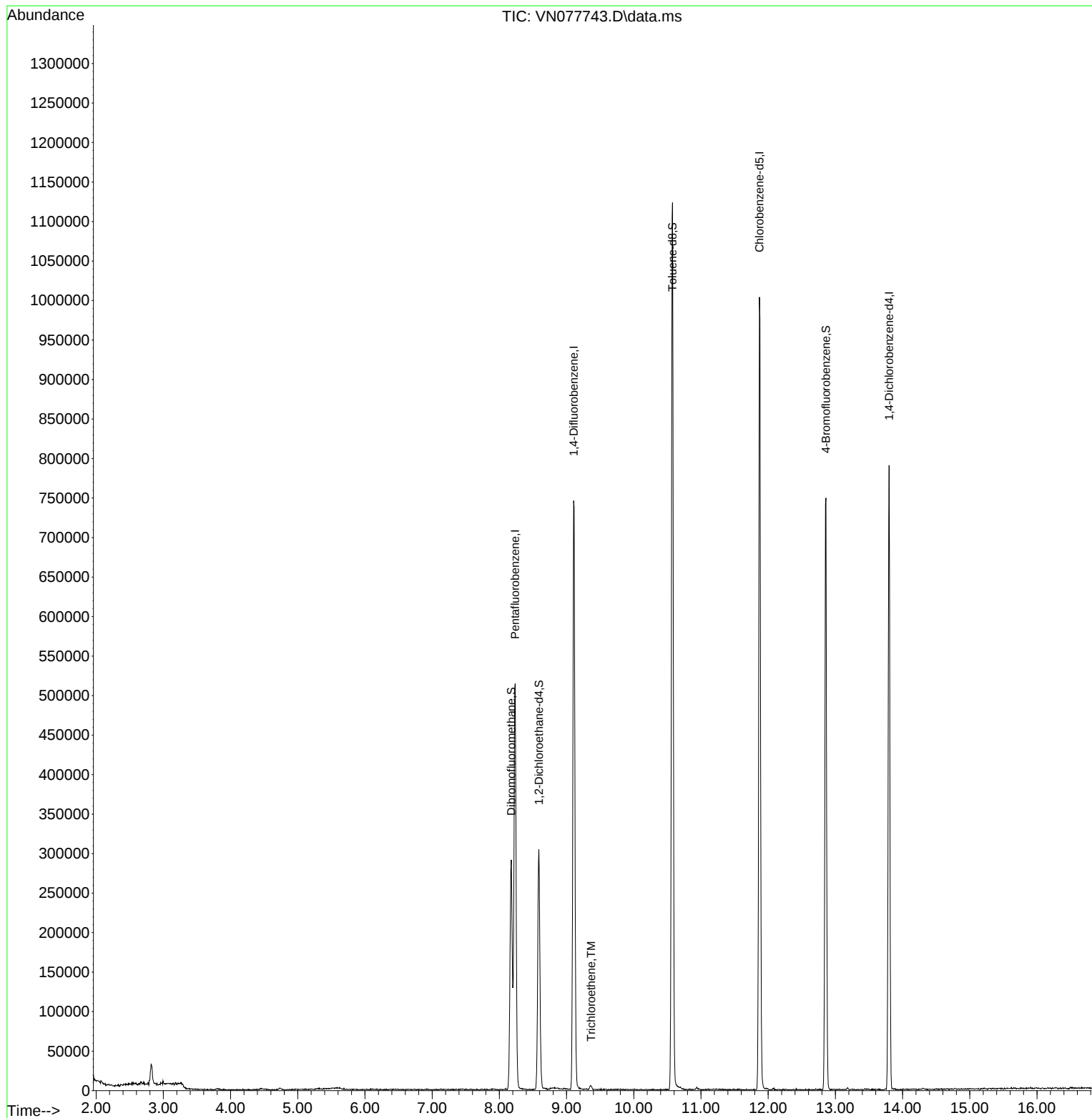
Internal Standards						
1) Pentafluorobenzene	8.235	168	368400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	664862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	593497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	213073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	248553	45.091	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.180%
35) Dibromofluoromethane	8.177	113	208505	48.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	10.576	98	823083	49.323	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.859	95	273624	46.426	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.860%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.365	130	1733	0.366	ug/l	64

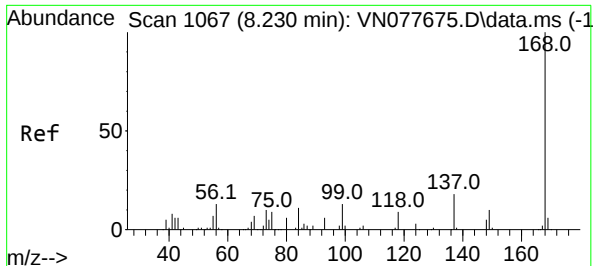
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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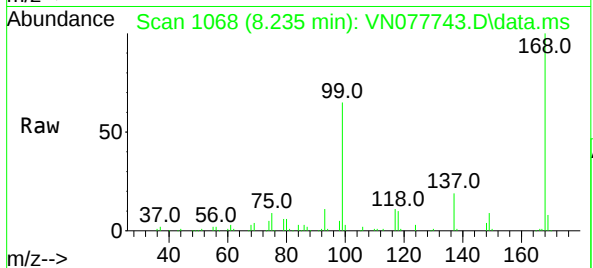
Quant Time: May 19 07:36:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
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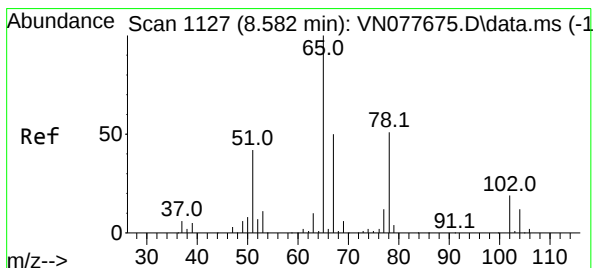
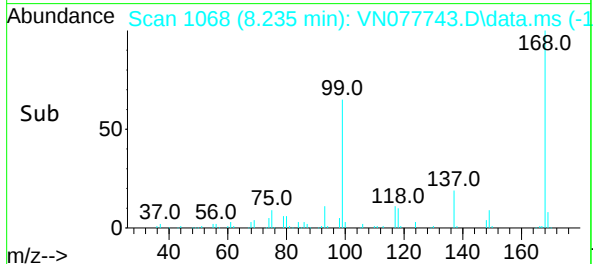
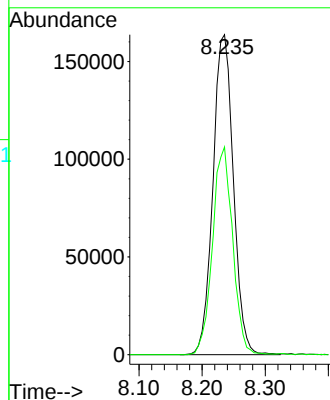


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 110
Delta R.T. 0.005 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

Instrument :
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ClientSampleId :
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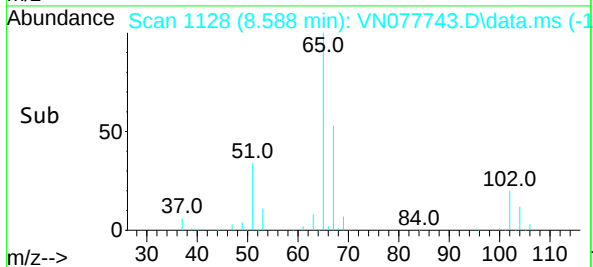
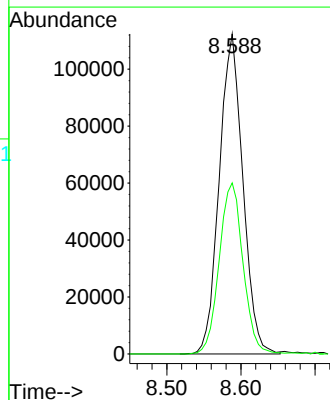
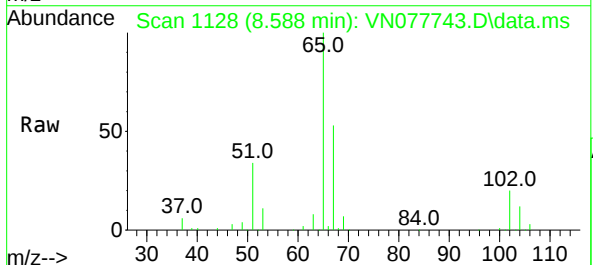


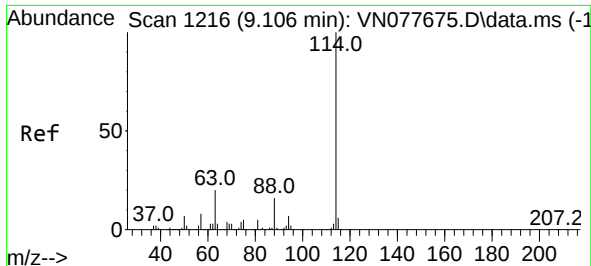
Tgt Ion:168 Resp: 368400
Ion Ratio Lower Upper
168 100
99 64.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.091 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

Tgt Ion: 65 Resp: 248553
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077743.D

Acq: 18 May 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :

RE117D2-20230515

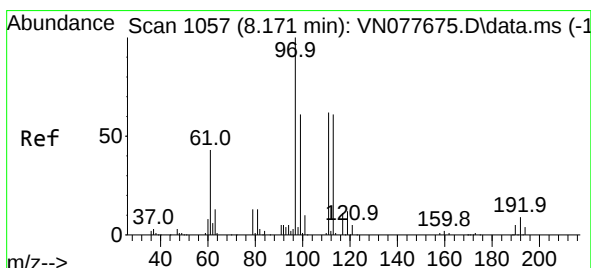
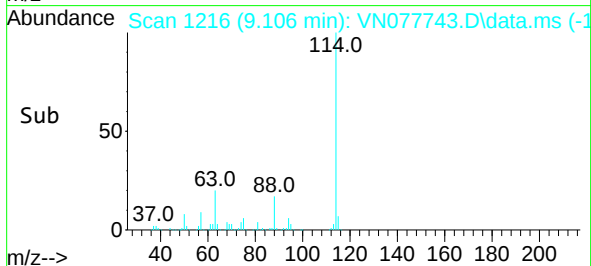
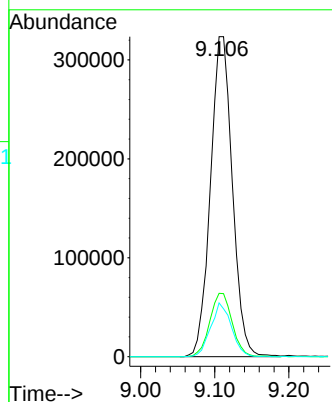
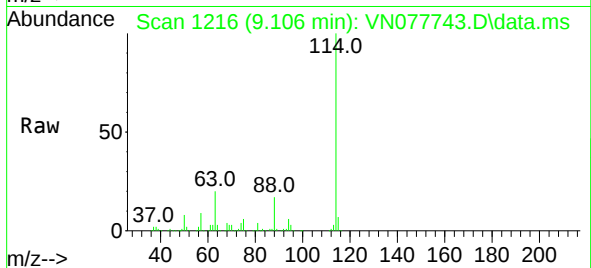
Tgt Ion:114 Resp: 664862

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 16.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.093 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077743.D

Acq: 18 May 2023 17:53

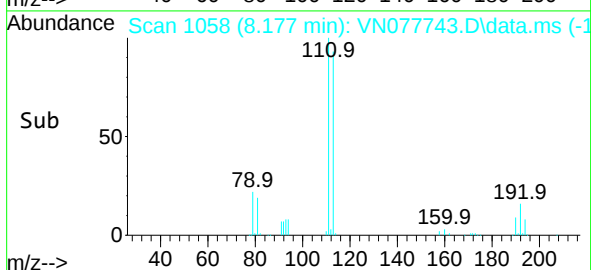
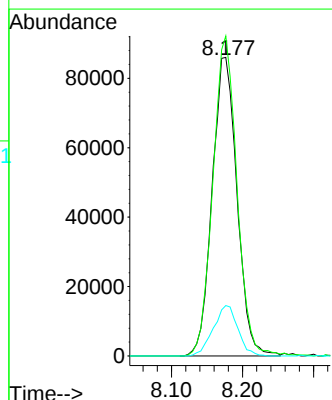
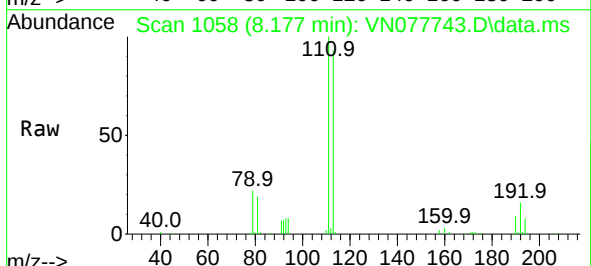
Tgt Ion:113 Resp: 208505

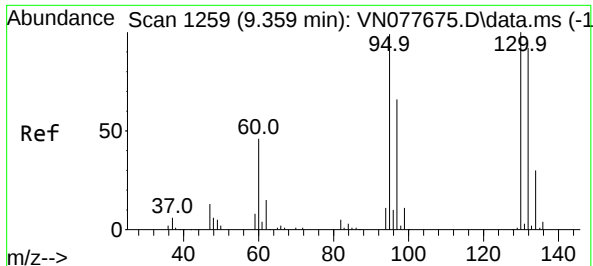
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 16.7 12.7 19.1

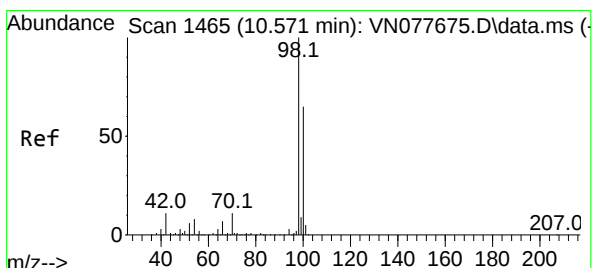
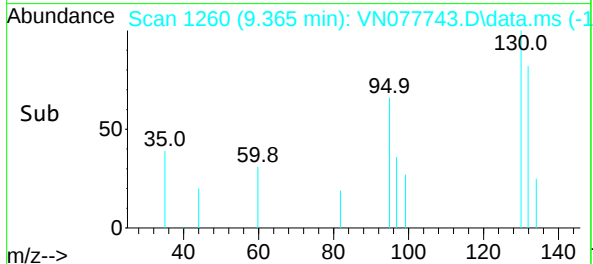
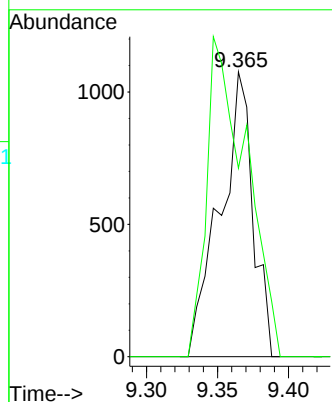
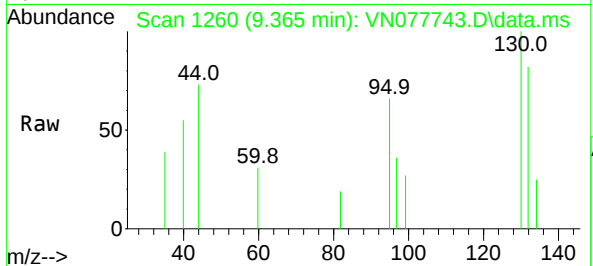




#44
Trichloroethene
Concen: 0.366 ug/l
RT: 9.365 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

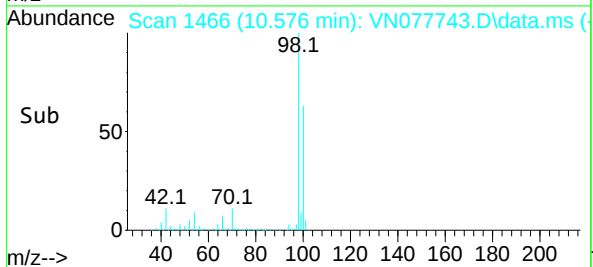
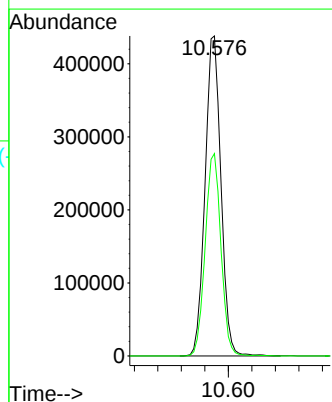
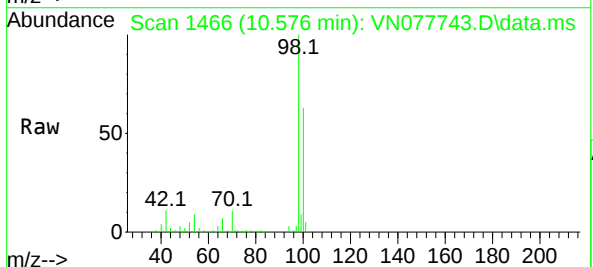
Instrument :
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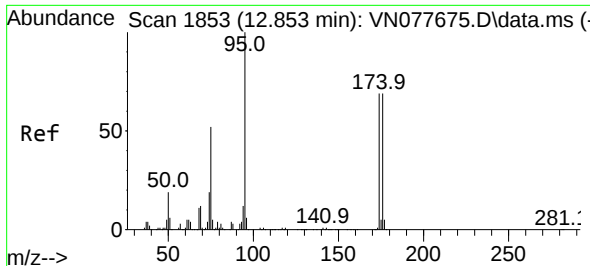
Tgt Ion:130 Resp: 1733
Ion Ratio Lower Upper
130 100
95 66.2 0.0 204.6



#50
Toluene-d8
Concen: 49.323 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

Tgt Ion: 98 Resp: 823083
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0

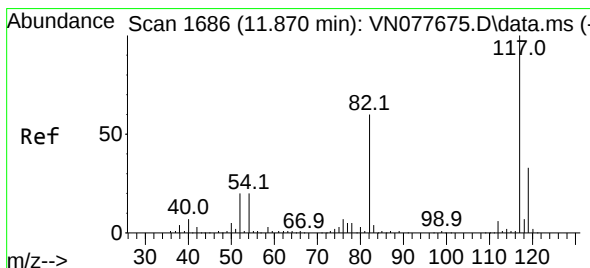
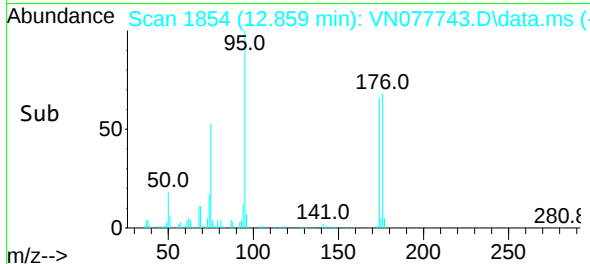
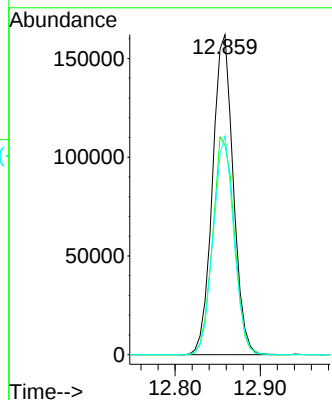
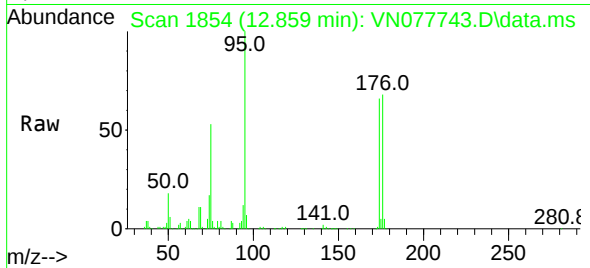




#62
4-Bromofluorobenzene
Concen: 46.426 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

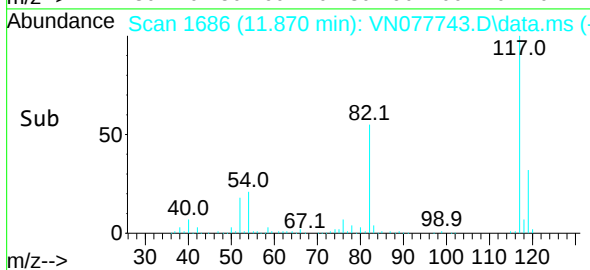
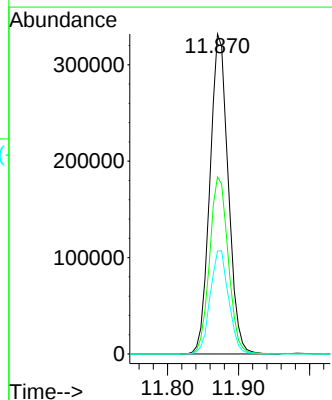
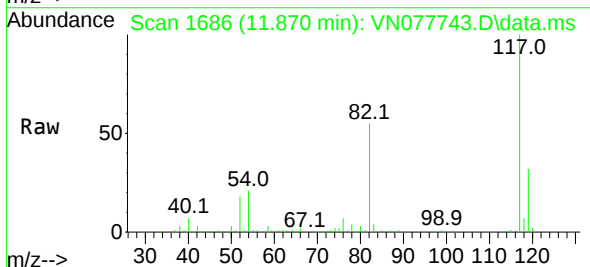
Instrument :
MSVOA_N
ClientSampleId :
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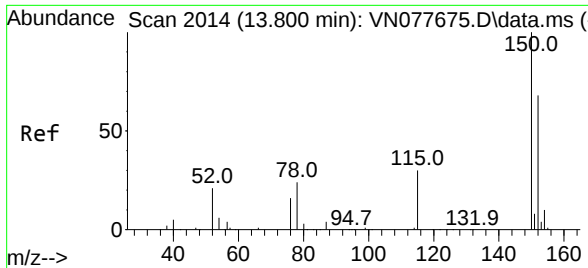
Tgt Ion: 95 Resp: 273624
Ion Ratio Lower Upper
95 100
174 71.1 0.0 143.8
176 68.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

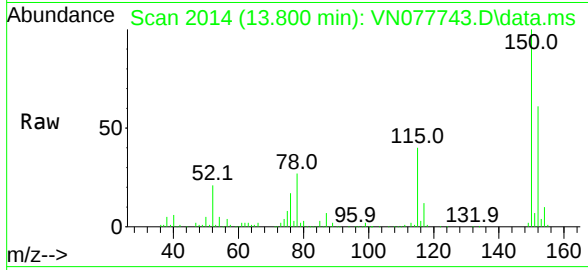
Tgt Ion: 117 Resp: 593497
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 32.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077743.D
 Acq: 18 May 2023 17:53

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D2-20230515



Tgt Ion:152 Resp: 213073
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.3 96.8
 150 155.0 0.0 355.8

