

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077976.D
 Acq On : 30 May 2023 17:51
 Operator : JC\MD
 Sample : 02911-21
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D1-20230523

Quant Time: May 31 02:10:29 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)

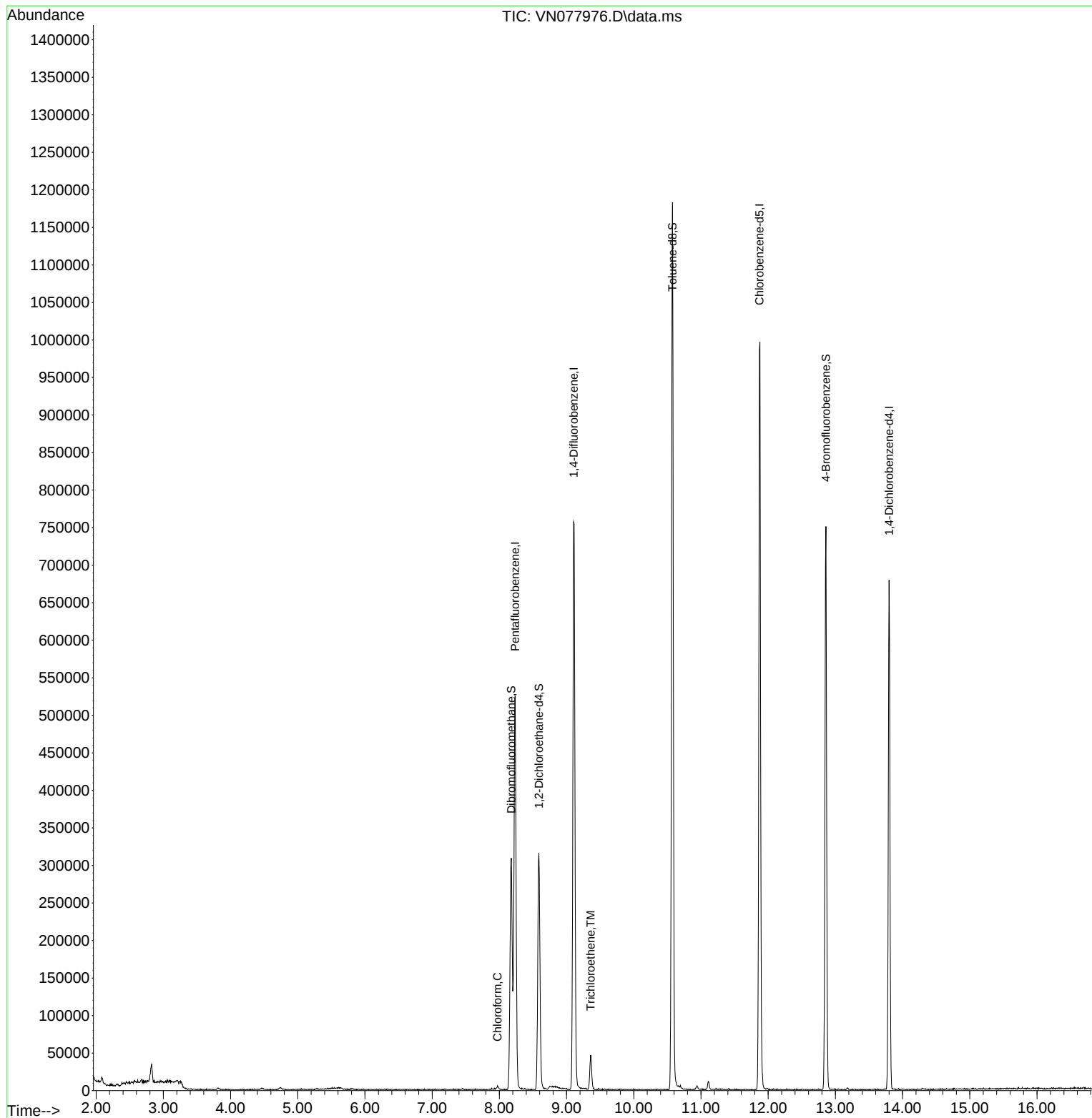
Internal Standards						
1) Pentafluorobenzene	8.235	168	369686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	688765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	595180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	179780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	262262	47.413	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.820%
35) Dibromofluoromethane	8.177	113	221936	49.414	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.820%
50) Toluene-d8	10.576	98	842690	48.745	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.859	95	265983	43.564	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.120%
Target Compounds						
					Qvalue	
30) Chloroform	7.971	83	4737	0.525	ug/l #	76
44) Trichloroethene	9.359	130	15117	3.080	ug/l	99

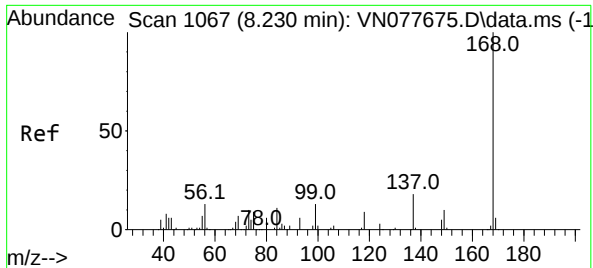
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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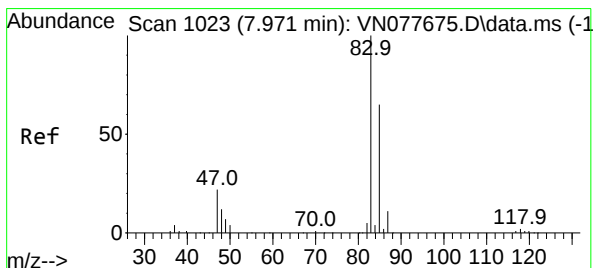
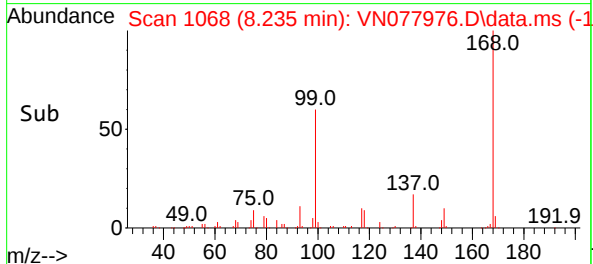
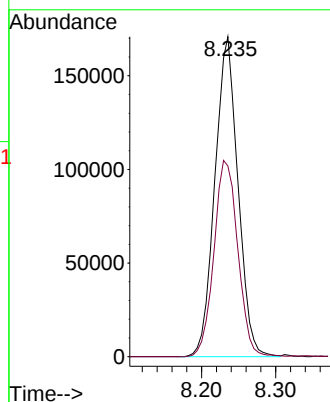
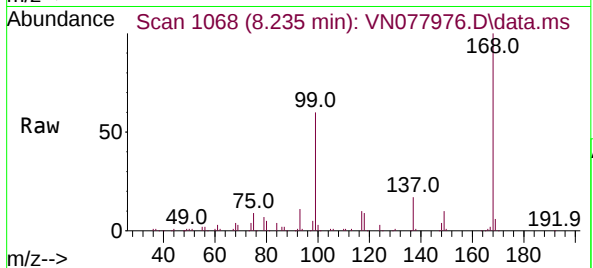




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN077976.D
Acq: 30 May 2023 17:51

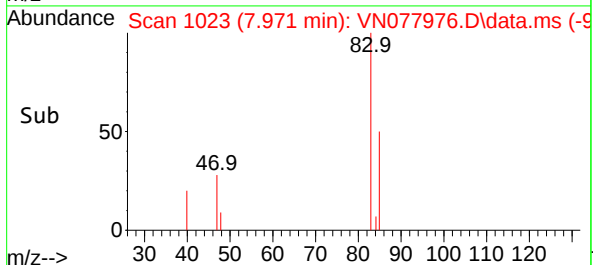
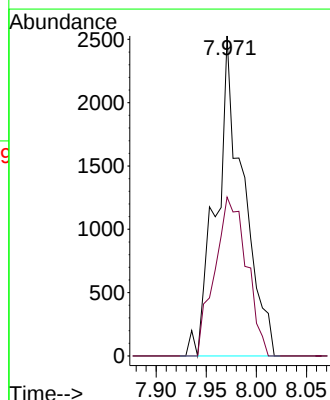
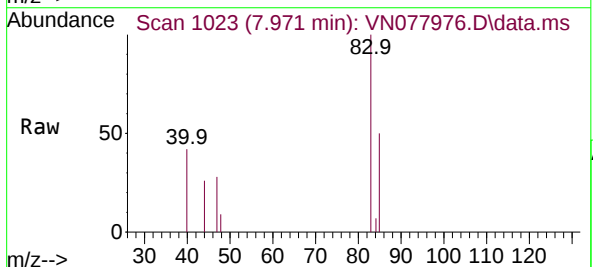
Instrument :
MSVOA_N
ClientSampleId :
RE134D1-20230523

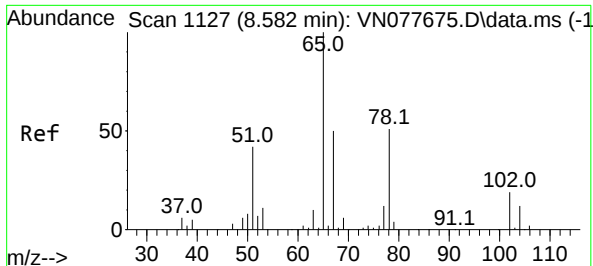
Tgt Ion:168 Resp: 369686
Ion Ratio Lower Upper
168 100
99 59.6 53.0 79.6



#30
Chloroform
Concen: 0.525 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN077976.D
Acq: 30 May 2023 17:51

Tgt Ion: 83 Resp: 4737
Ion Ratio Lower Upper
83 100
85 49.7 55.4 83.0#





#33

1,2-Dichloroethane-d4

Concen: 47.413 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077976.D

Acq: 30 May 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

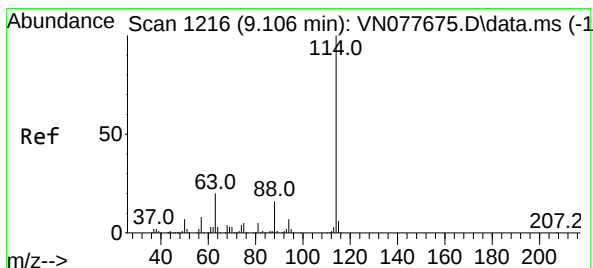
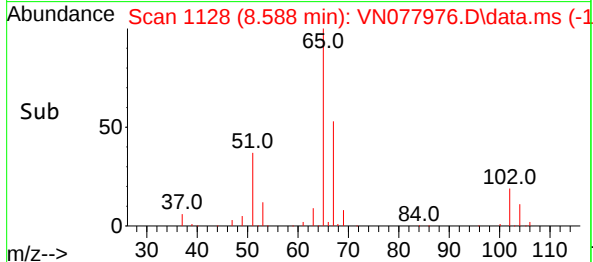
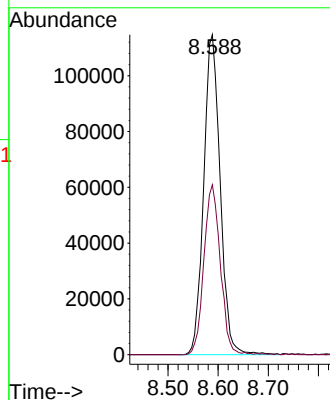
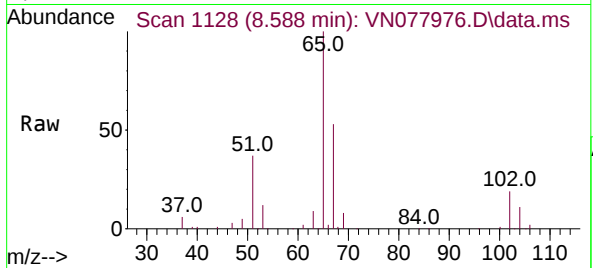
RE134D1-20230523

Tgt Ion: 65 Resp: 262262

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077976.D

Acq: 30 May 2023 17:51

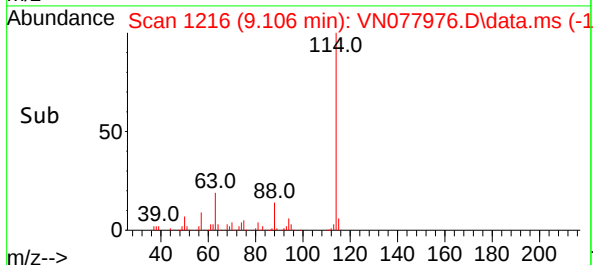
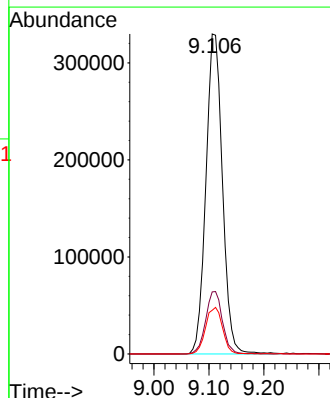
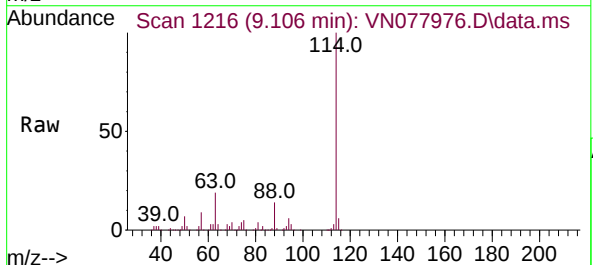
Tgt Ion: 114 Resp: 688765

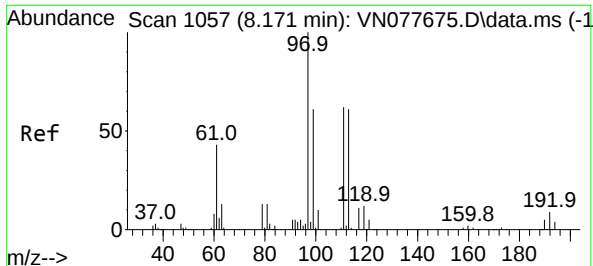
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 13.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.414 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077976.D

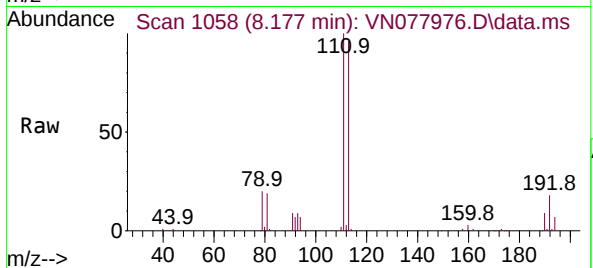
Acq: 30 May 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

RE134D1-20230523



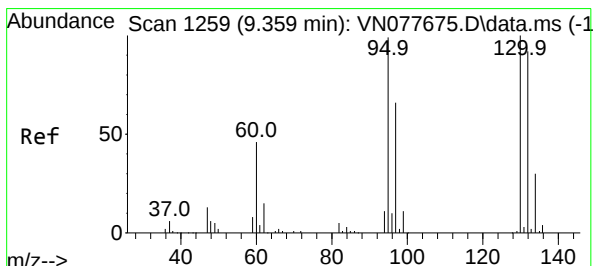
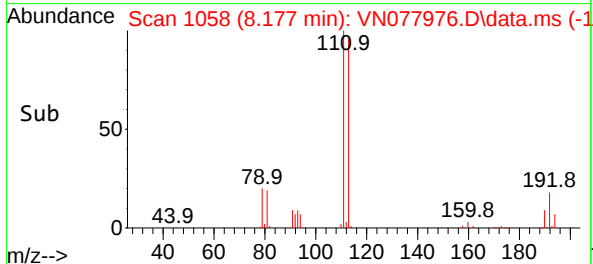
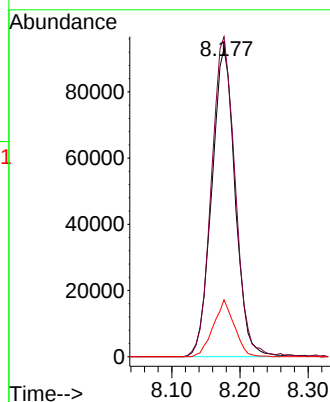
Tgt Ion:113 Resp: 221936

Ion Ratio Lower Upper

113 100

111 105.1 82.6 123.8

192 16.6 12.7 19.1



#44

Trichloroethene

Concen: 3.080 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN077976.D

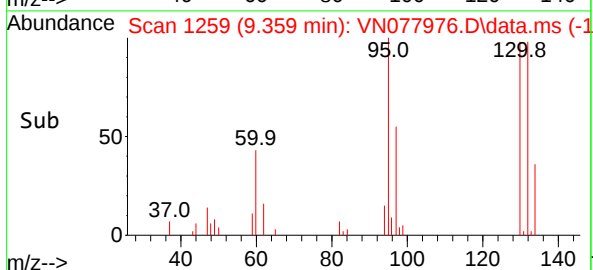
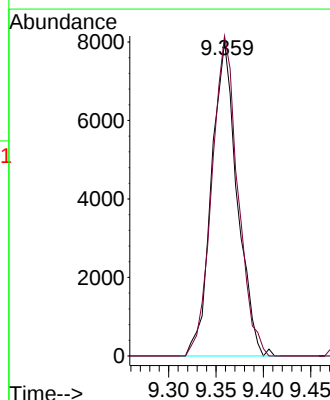
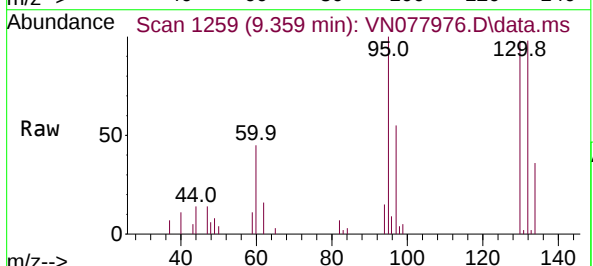
Acq: 30 May 2023 17:51

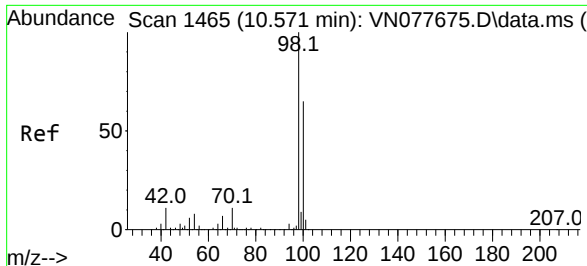
Tgt Ion:130 Resp: 15117

Ion Ratio Lower Upper

130 100

95 101.8 0.0 204.6

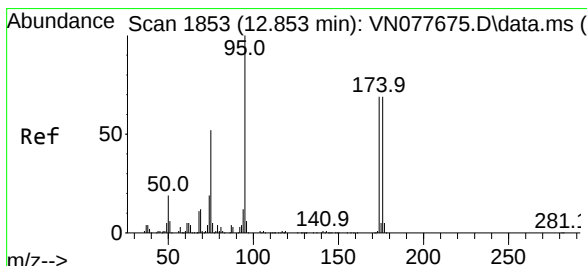
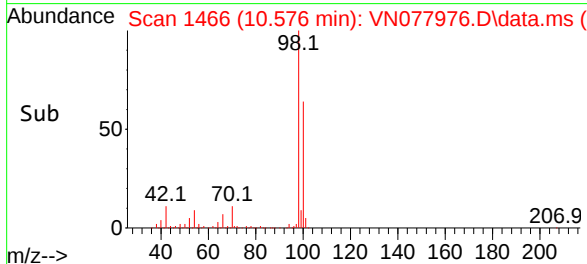
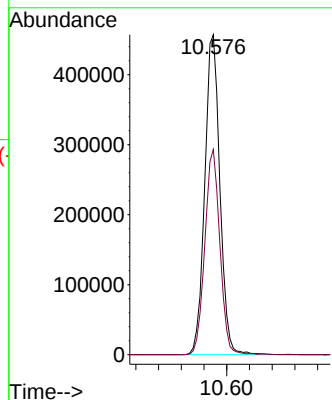
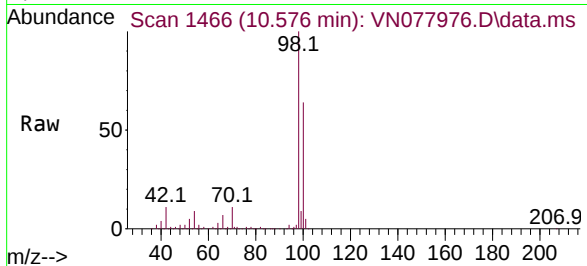




#50
Toluene-d8
Concen: 48.745 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077976.D
Acq: 30 May 2023 17:51

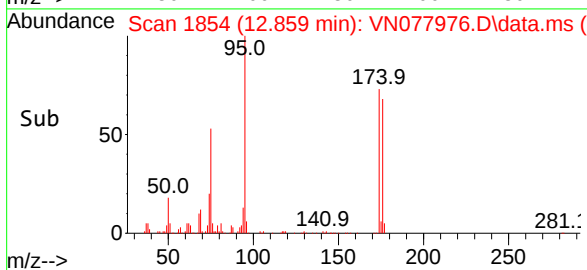
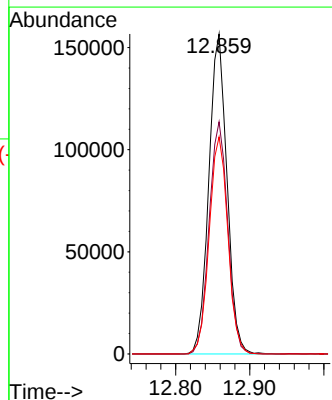
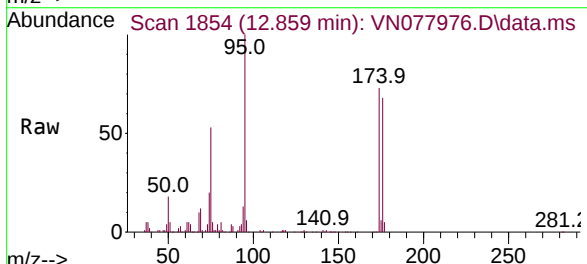
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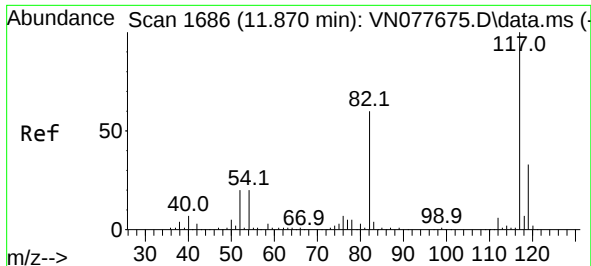
Tgt Ion: 98 Resp: 842690
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.564 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077976.D
Acq: 30 May 2023 17:51

Tgt Ion: 95 Resp: 265983
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 69.8 0.0 135.8

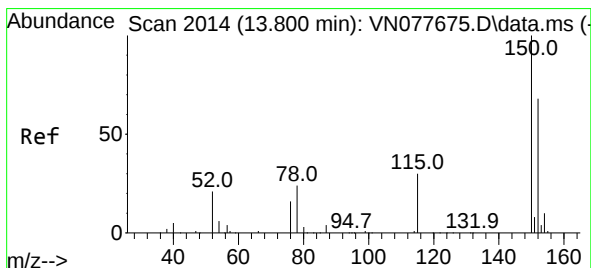
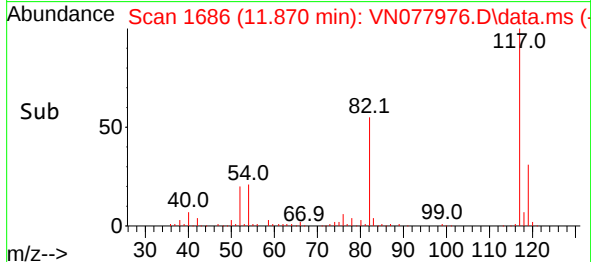
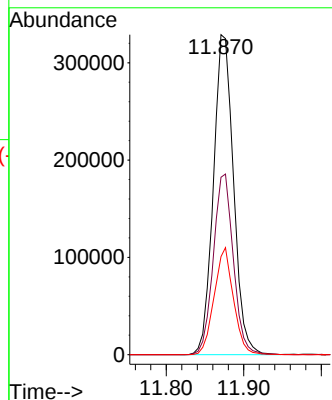
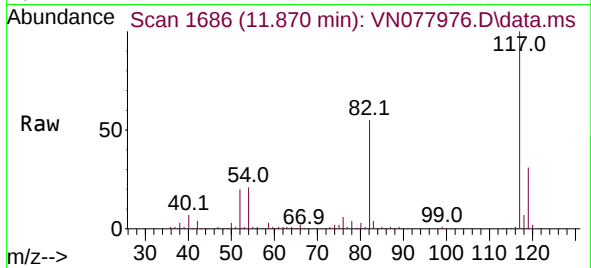




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077976.D
Acq: 30 May 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
RE134D1-20230523

Tgt Ion:117 Resp: 595180
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 30.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077976.D
Acq: 30 May 2023 17:51

Tgt Ion:152 Resp: 179780
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 156.9 0.0 355.8

