

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077791.D
 Acq On : 22 May 2023 15:53
 Operator : JC\MD
 Sample : 02880-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01D3-20230518

Quant Time: May 23 04:20:15 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)

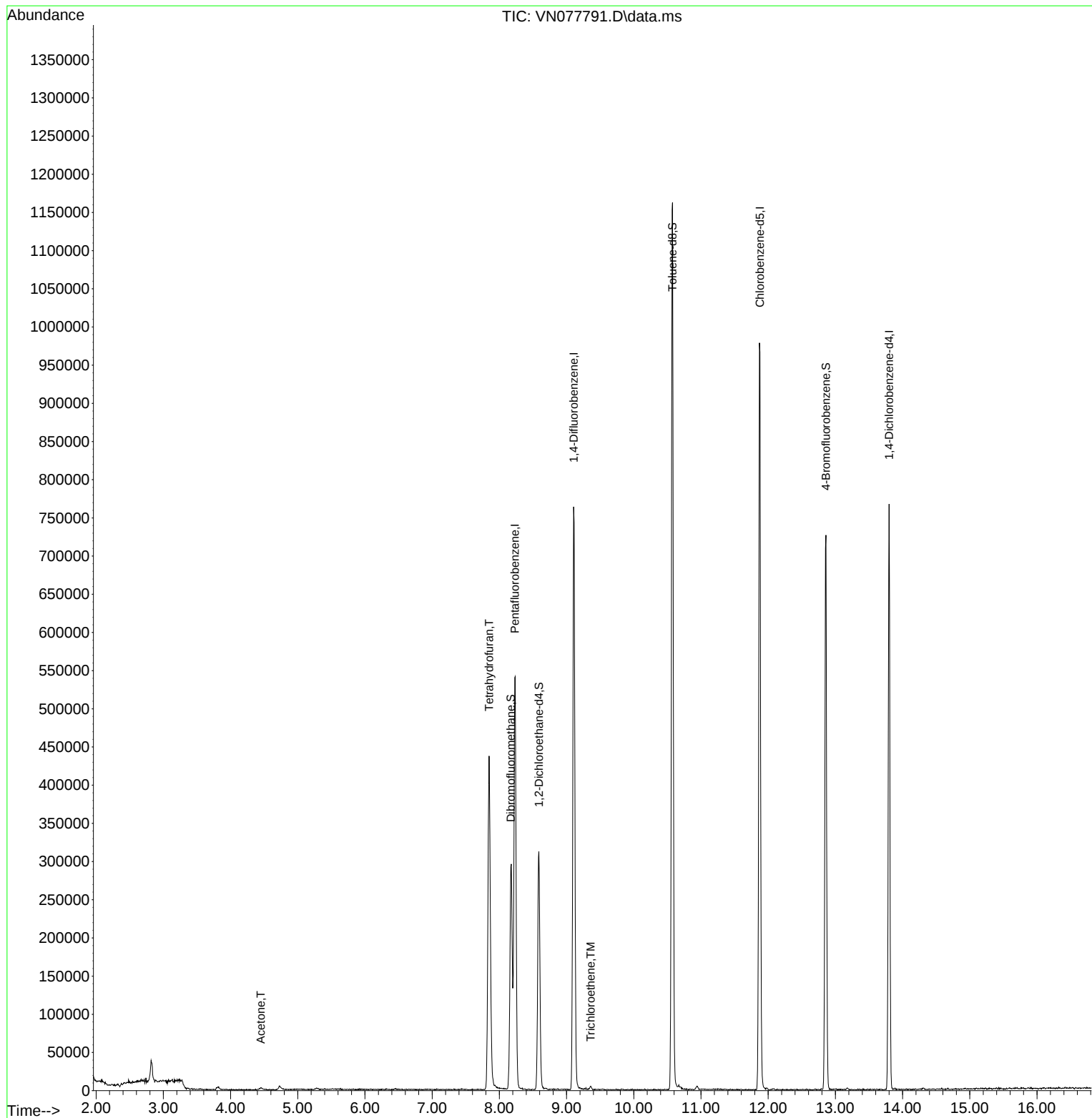
Internal Standards						
1) Pentafluorobenzene	8.230	168	394946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	694606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	602996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	199828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	255660	43.263	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.520%
35) Dibromofluoromethane	8.171	113	220752	48.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.480%
50) Toluene-d8	10.576	98	848680	48.679	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.360%
62) 4-Bromofluorobenzene	12.859	95	265903	43.184	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.360%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	3908	2.102	ug/l #	75
29) Tetrahydrofuran	7.847	42	320137	168.109	ug/l	86
44) Trichloroethene	9.359	130	1583	0.320	ug/l	70

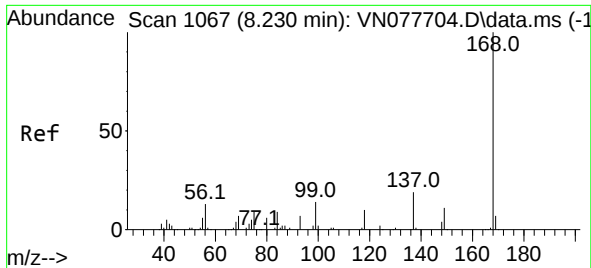
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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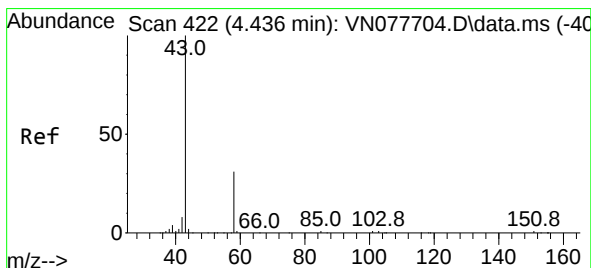
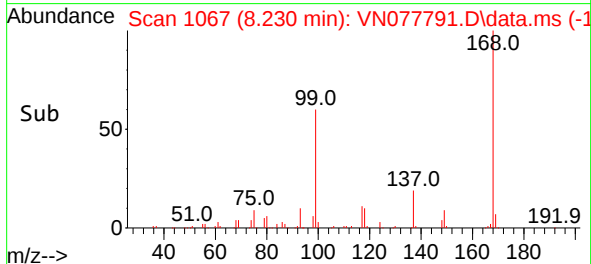
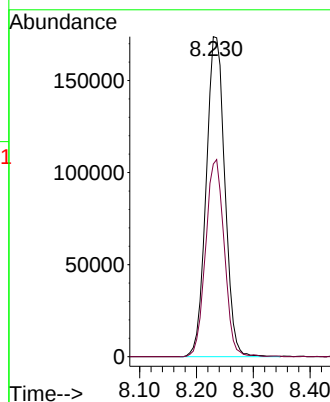
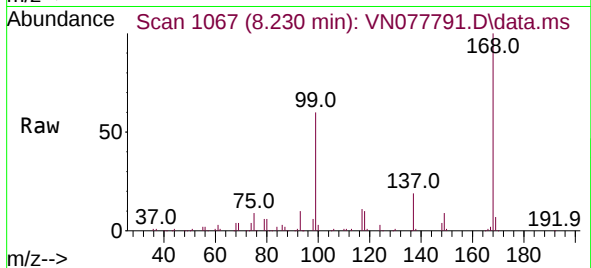




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077791.D
Acq: 22 May 2023 15:53

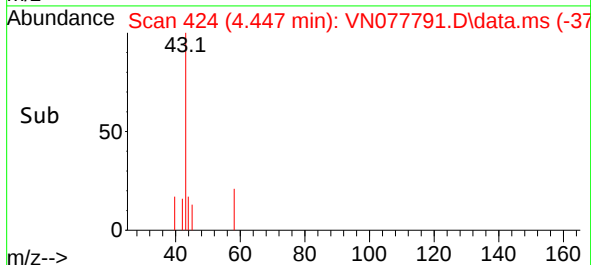
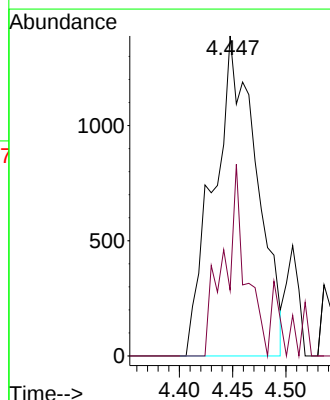
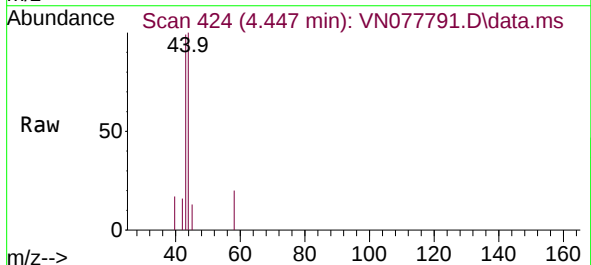
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D3-20230518

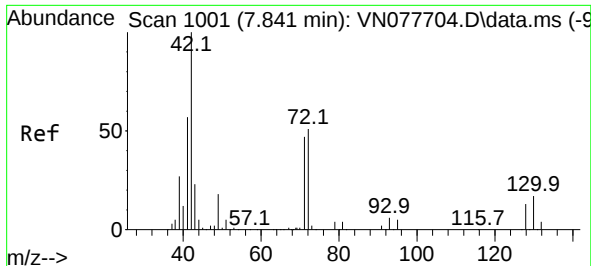
Tgt Ion:168 Resp: 394946
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6



#16
Acetone
Concen: 2.102 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN077791.D
Acq: 22 May 2023 15:53

Tgt Ion: 43 Resp: 3908
Ion Ratio Lower Upper
43 100
58 20.5 28.0 42.0#





#29

Tetrahydrofuran

Concen: 168.109 ug/l

RT: 7.847 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN077791.D

Acq: 22 May 2023 15:53

Instrument :

MSVOA_N

ClientSampleId :

RW8-MW01D3-20230518

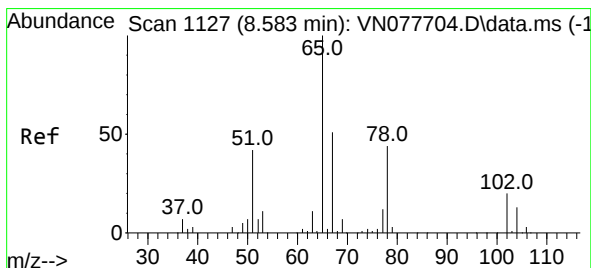
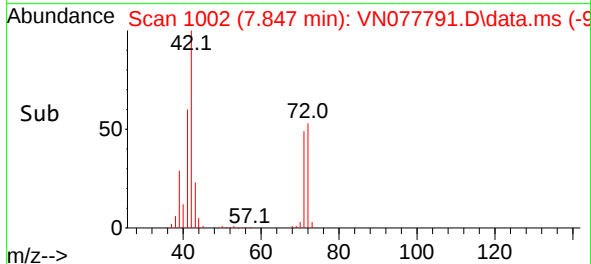
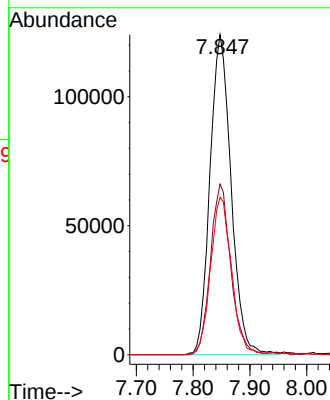
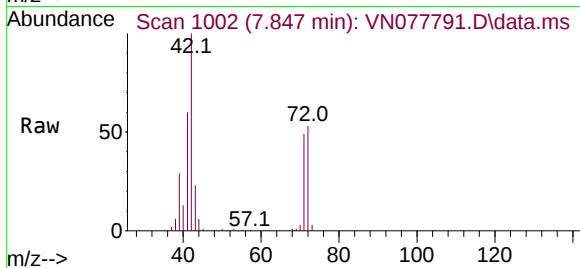
Tgt Ion: 42 Resp: 320137

Ion Ratio Lower Upper

42 100

72 51.3 49.8 74.6

71 49.0 47.4 71.2



#33

1,2-Dichloroethane-d4

Concen: 43.263 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077791.D

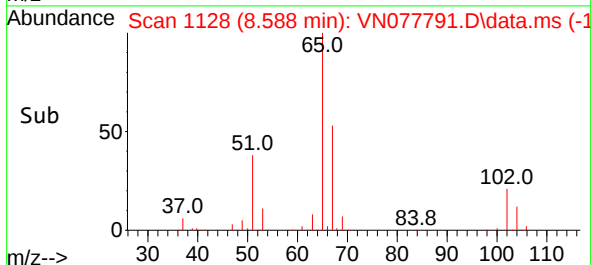
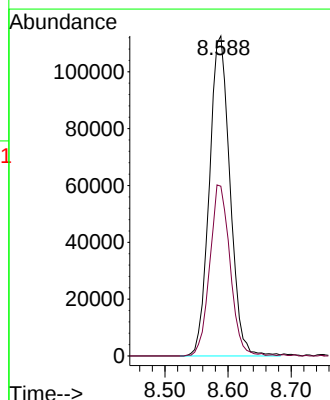
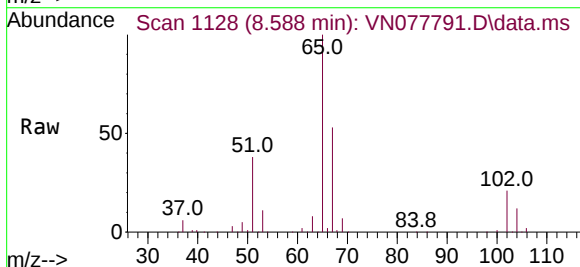
Acq: 22 May 2023 15:53

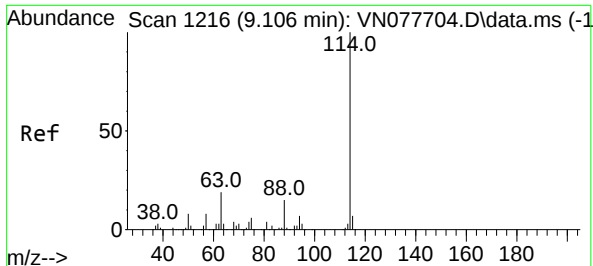
Tgt Ion: 65 Resp: 255660

Ion Ratio Lower Upper

65 100

67 52.5 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: VN077791.D

Acq: 22 May 2023 15:53

Instrument :

MSVOA_N

ClientSampleId :

RW8-MW01D3-20230518

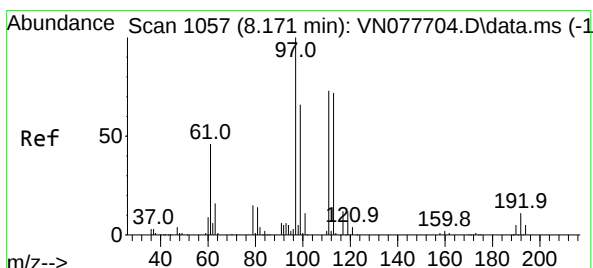
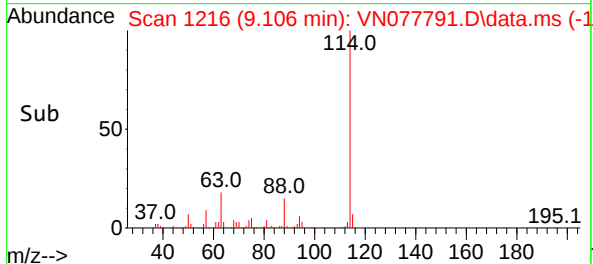
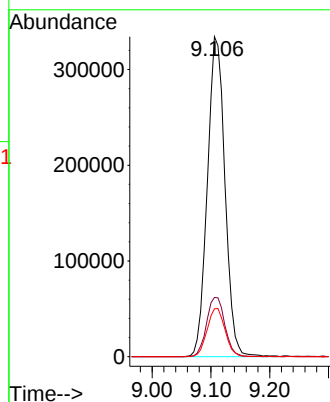
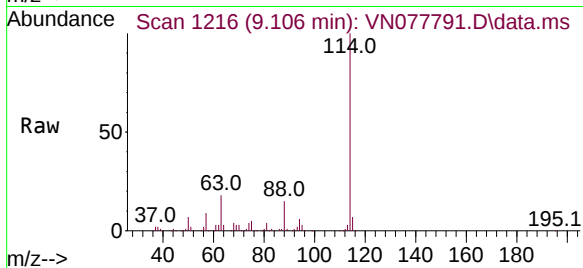
Tgt Ion:114 Resp: 694606

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.737 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077791.D

Acq: 22 May 2023 15:53

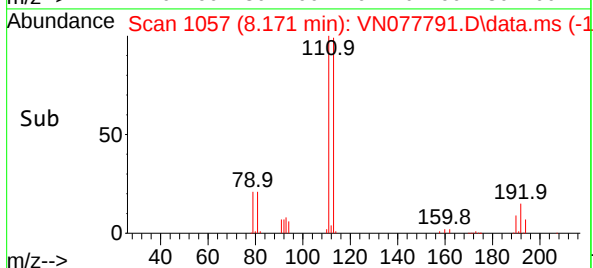
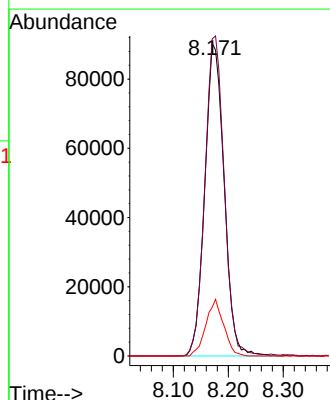
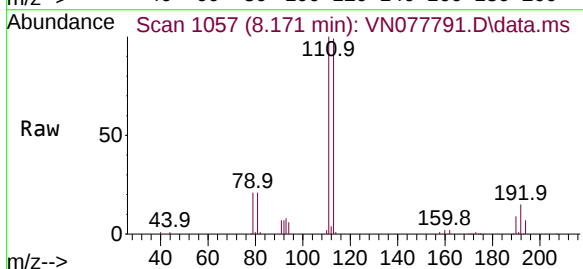
Tgt Ion:113 Resp: 220752

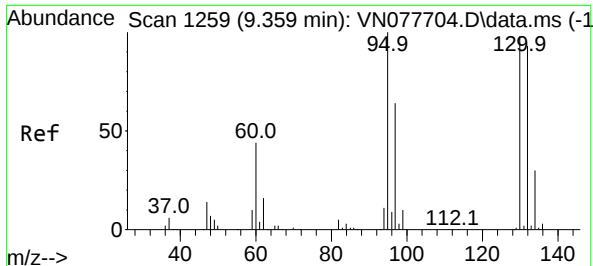
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 16.7 12.7 19.1

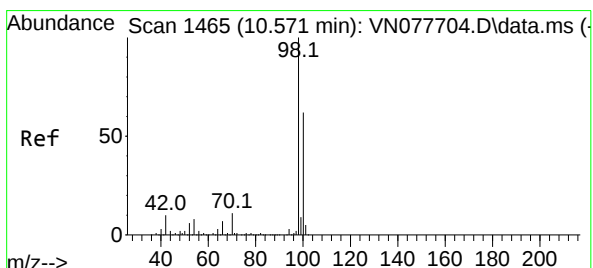
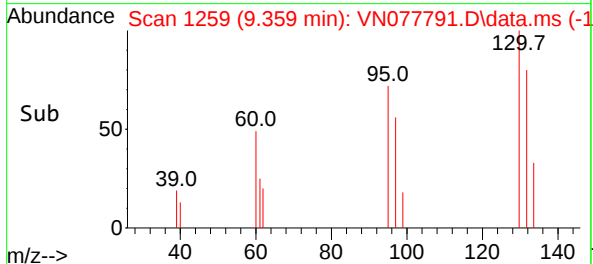
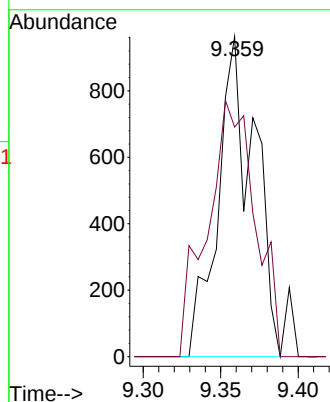
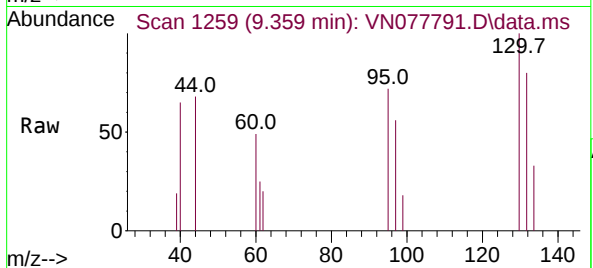




#44
Trichloroethene
Concen: 0.320 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077791.D
Acq: 22 May 2023 15:53

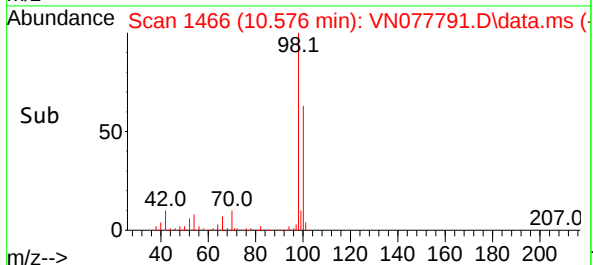
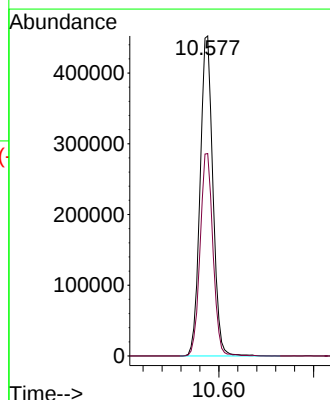
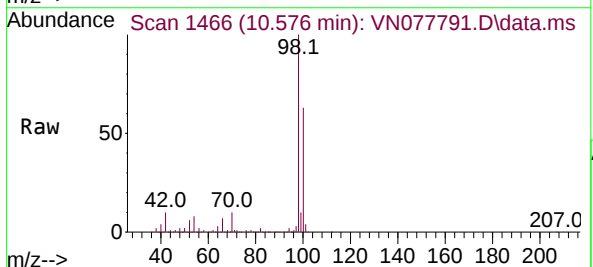
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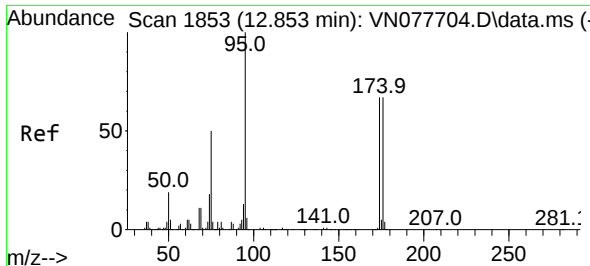
Tgt Ion:130 Resp: 1583
Ion Ratio Lower Upper
130 100
95 71.8 0.0 204.6



#50
Toluene-d8
Concen: 48.679 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077791.D
Acq: 22 May 2023 15:53

Tgt Ion: 98 Resp: 848680
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

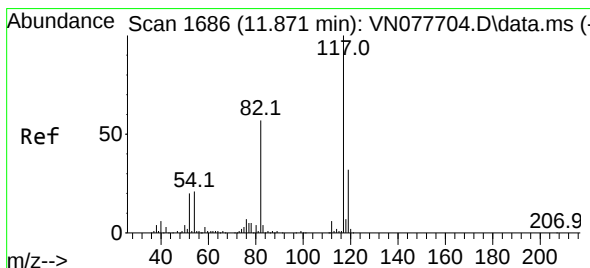
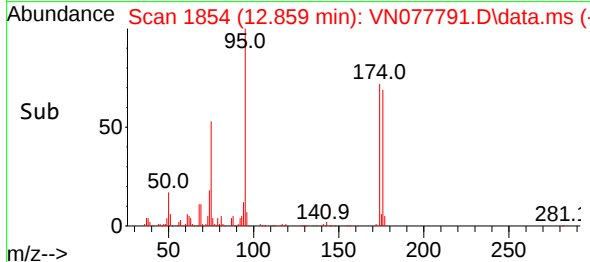
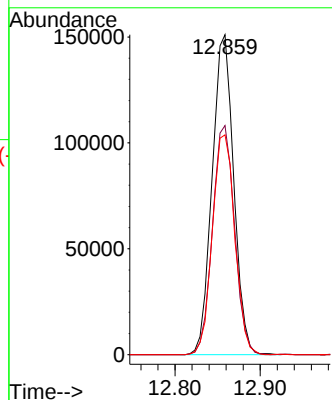
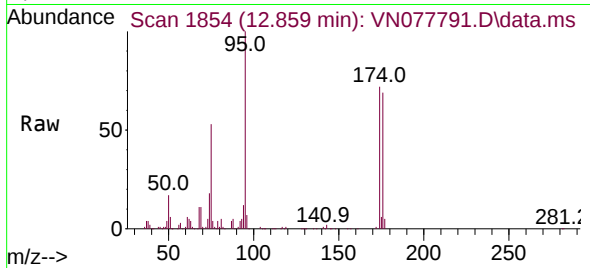




#62
4-Bromofluorobenzene
Concen: 43.184 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077791.D
Acq: 22 May 2023 15:53

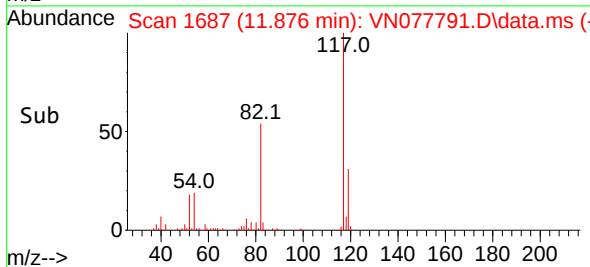
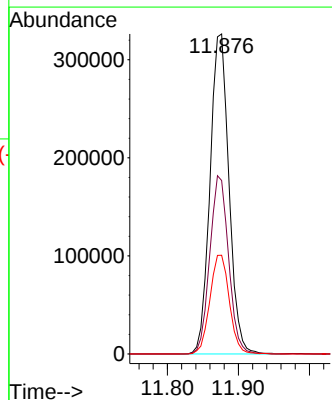
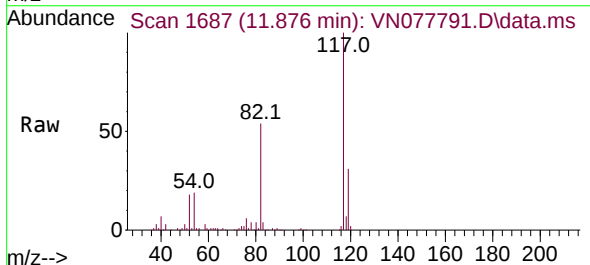
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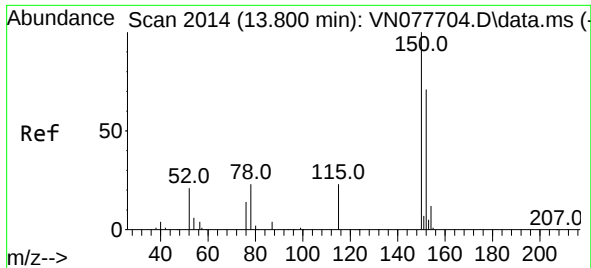
Tgt Ion: 95 Resp: 265903
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 71.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN077791.D
Acq: 22 May 2023 15:53

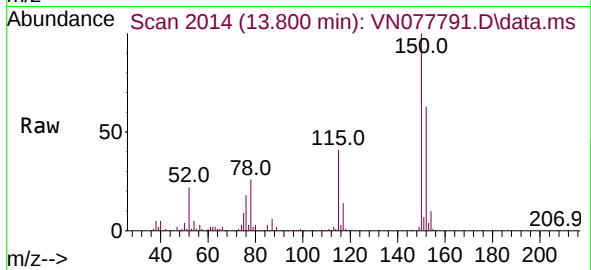
Tgt Ion: 117 Resp: 602996
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 30.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077791.D
 Acq: 22 May 2023 15:53

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01D3-20230518



Tgt Ion:152 Resp: 199828
 Ion Ratio Lower Upper
 152 100
 115 64.1 32.3 96.8
 150 160.2 0.0 355.8

