

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077978.D
 Acq On : 30 May 2023 18:39
 Operator : JC\MD
 Sample : 02910-03DL 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW25BR-20230523DL

Quant Time: May 31 02:11:14 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)

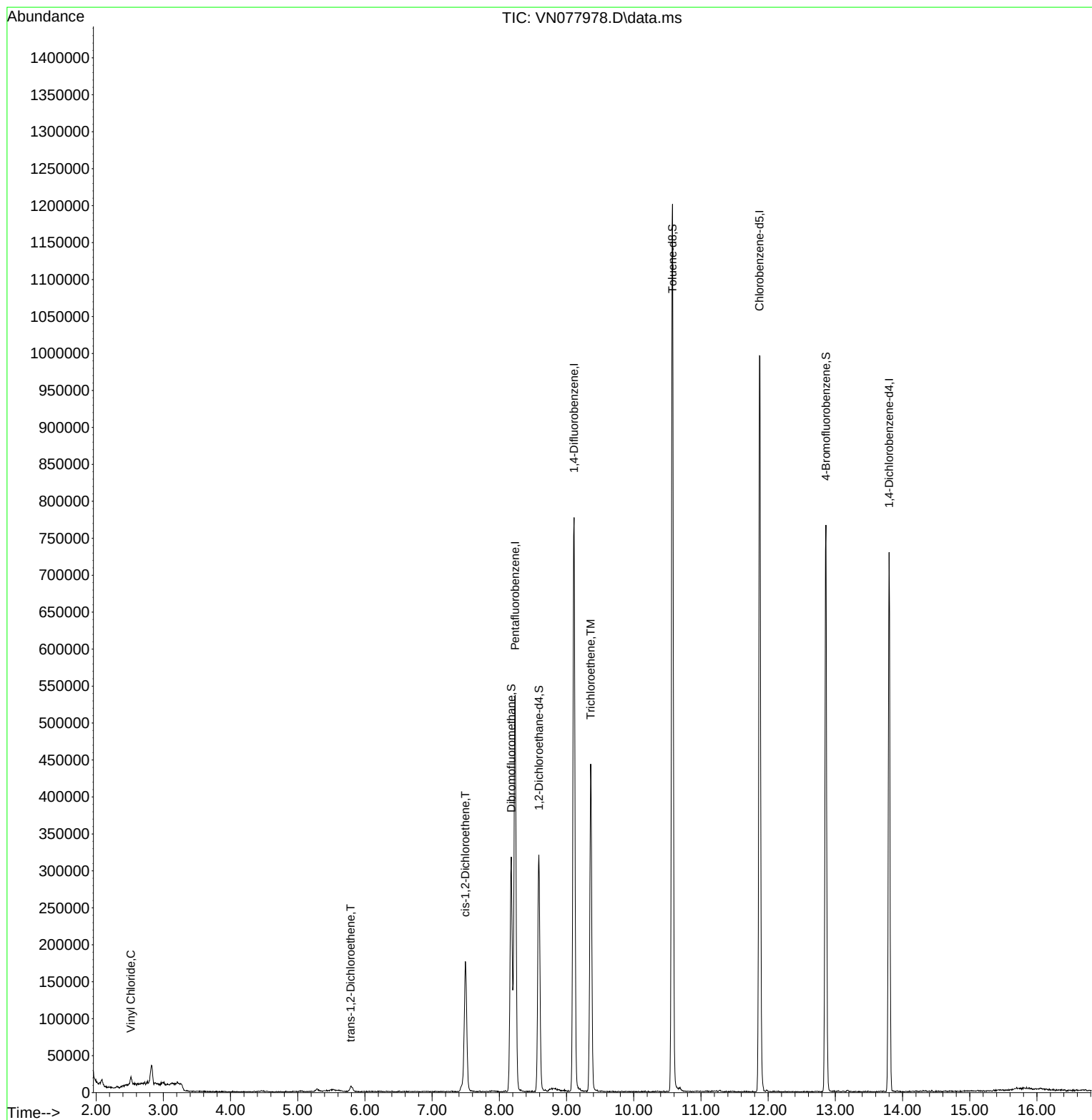
Internal Standards						
1) Pentafluorobenzene	8.236	168	375214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	697029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	611903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	197992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	266163	47.409	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.820%
35) Dibromofluoromethane	8.177	113	223533	49.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.360%
50) Toluene-d8	10.577	98	865426	49.467	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.940%
62) 4-Bromofluorobenzene	12.859	95	279609	45.252	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.500%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.518	62	9030	1.677	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	3092	0.697	ug/l #	84
27) cis-1,2-Dichloroethene	7.494	96	104775	19.712	ug/l	97
44) Trichloroethene	9.359	130	156847	31.574	ug/l	96

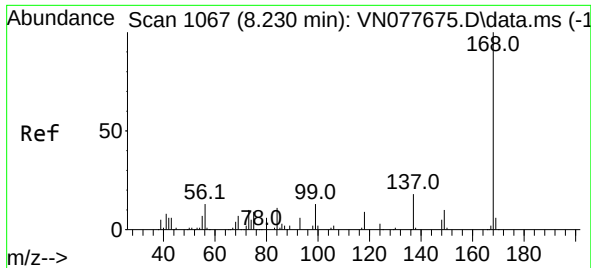
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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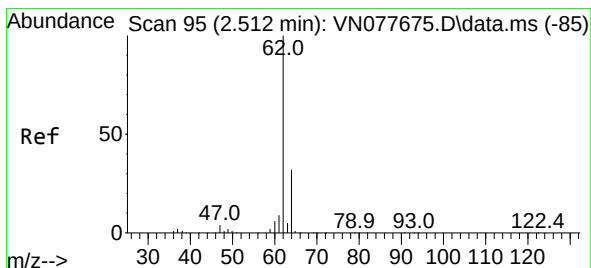
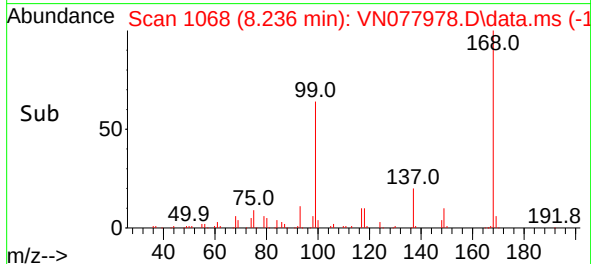
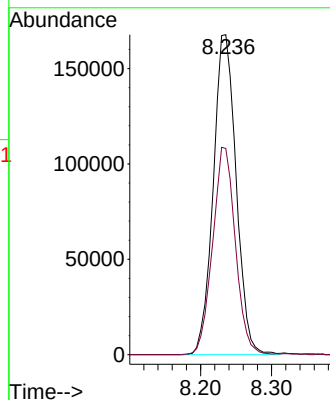
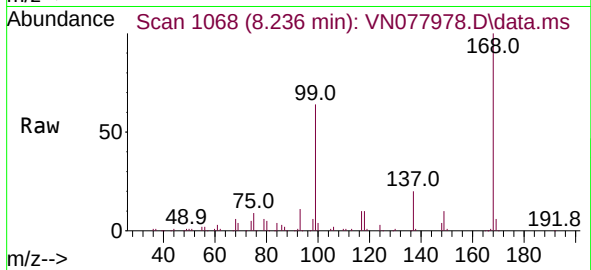




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077978.D
Acq: 30 May 2023 18:39

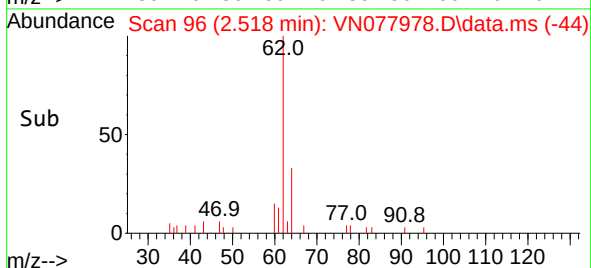
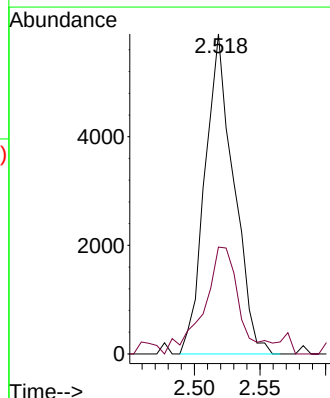
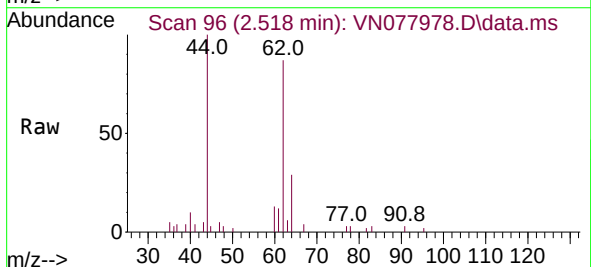
Instrument :
MSVOA_N
ClientSampleId :
MW25BR-20230523DL

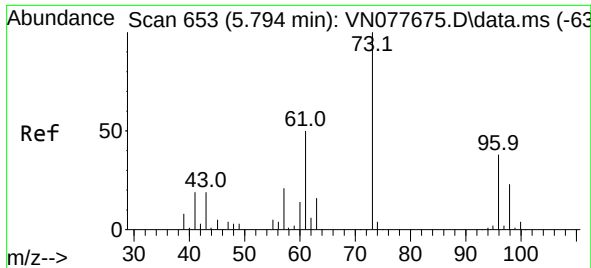
Tgt Ion:168 Resp: 375214
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6



#4
Vinyl Chloride
Concen: 1.677 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077978.D
Acq: 30 May 2023 18:39

Tgt Ion: 62 Resp: 9030
Ion Ratio Lower Upper
62 100
64 30.6 26.2 39.2

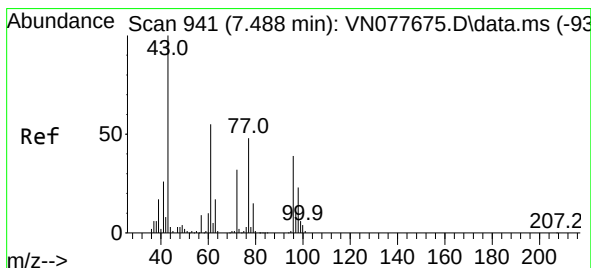
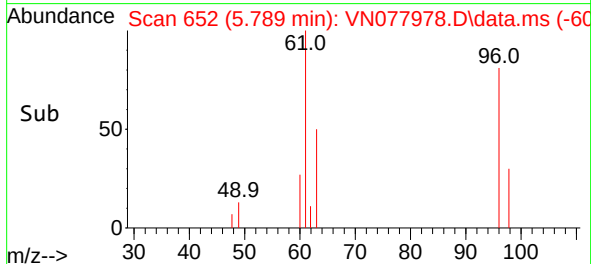
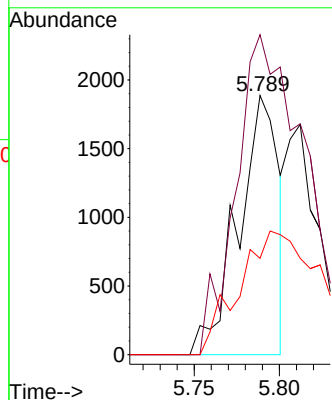
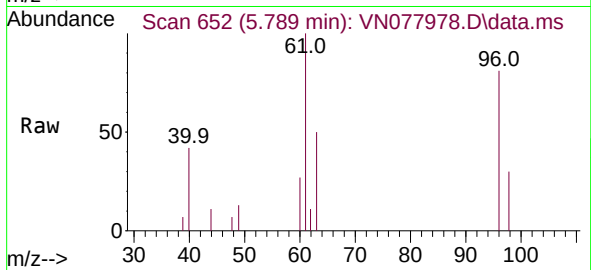




#21
trans-1,2-Dichloroethene
Concen: 0.697 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN077978.D
Acq: 30 May 2023 18:39

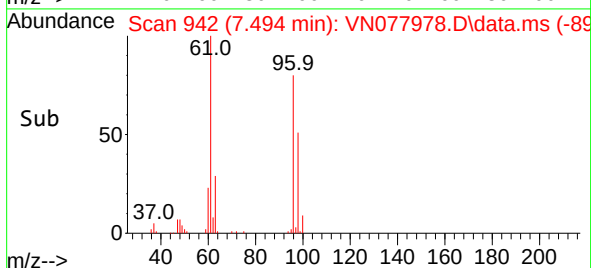
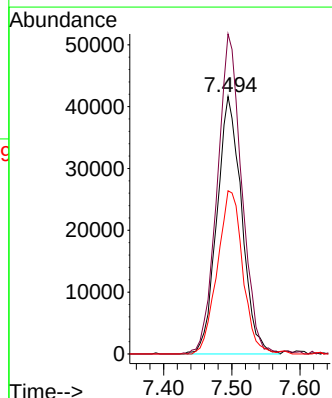
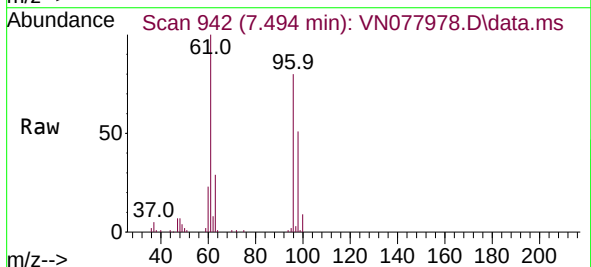
Instrument :
MSVOA_N
ClientSampleId :
MW25BR-20230523DL

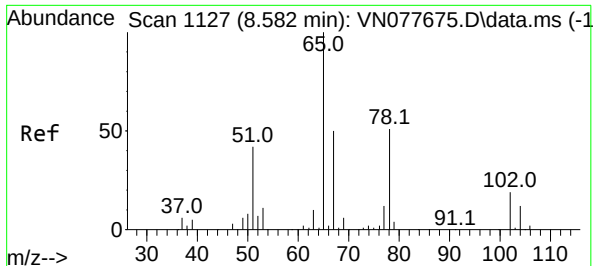
Tgt Ion: 96 Resp: 3092
Ion Ratio Lower Upper
96 100
61 123.5 90.1 135.1
98 37.1 46.4 69.6#



#27
cis-1,2-Dichloroethene
Concen: 19.712 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077978.D
Acq: 30 May 2023 18:39

Tgt Ion: 96 Resp: 104775
Ion Ratio Lower Upper
96 100
61 123.6 0.0 255.2
98 65.1 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 47.409 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077978.D

Acq: 30 May 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

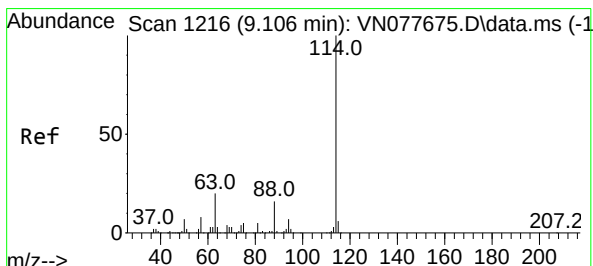
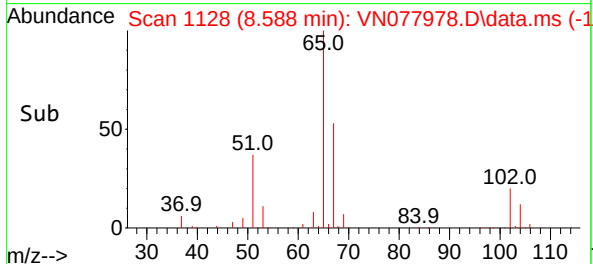
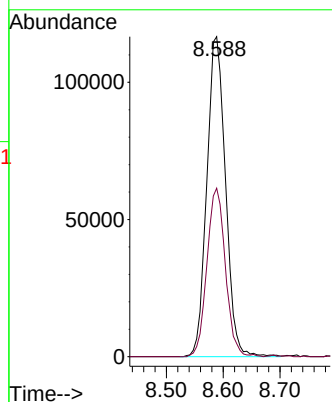
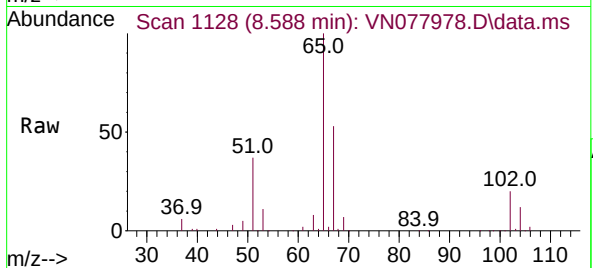
MW25BR-20230523DL

Tgt Ion: 65 Resp: 266163

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077978.D

Acq: 30 May 2023 18:39

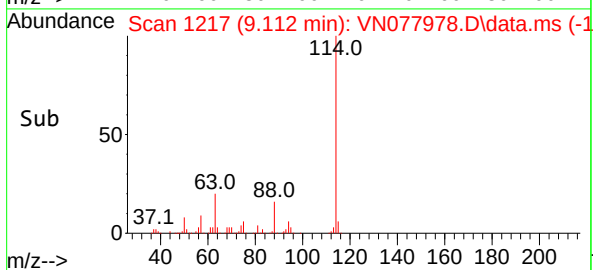
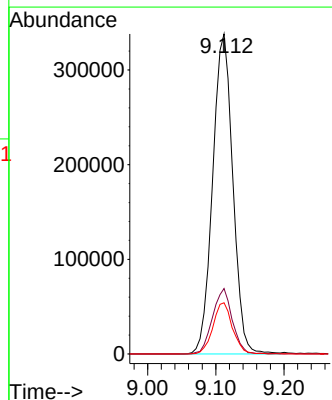
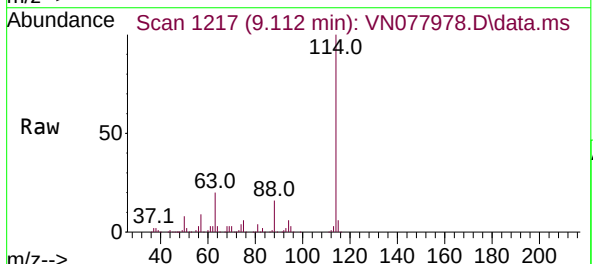
Tgt Ion: 114 Resp: 697029

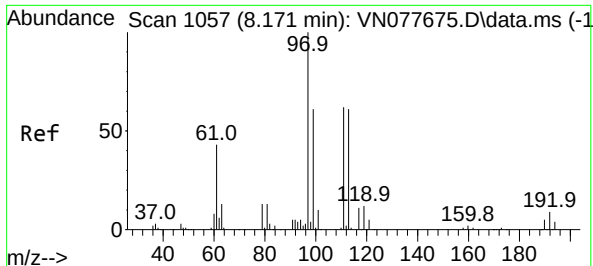
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.179 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077978.D

Acq: 30 May 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

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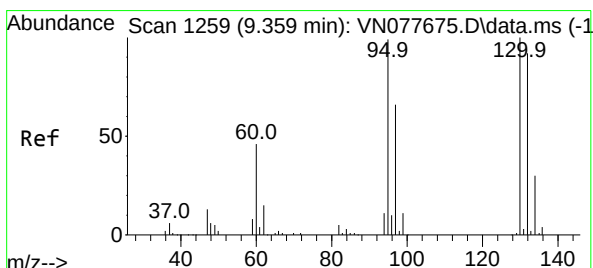
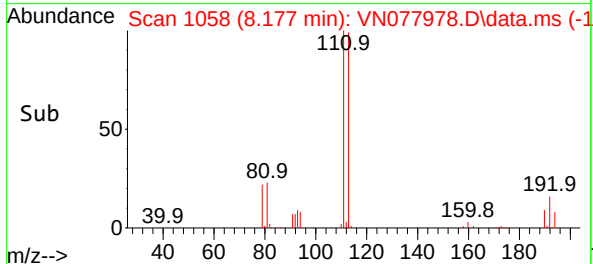
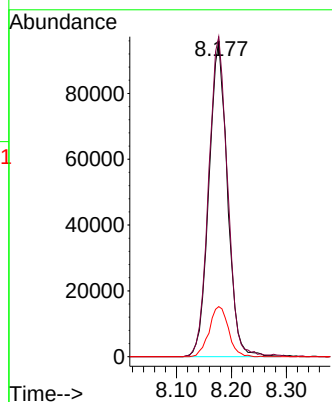
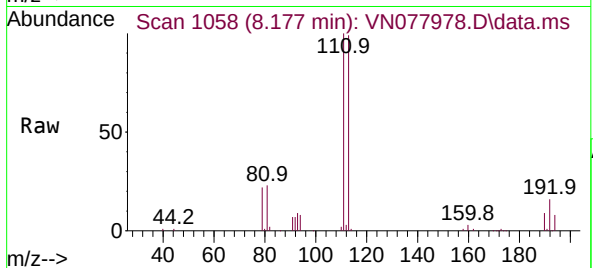
Tgt Ion:113 Resp: 223533

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 16.5 12.7 19.1



#44

Trichloroethene

Concen: 31.574 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN077978.D

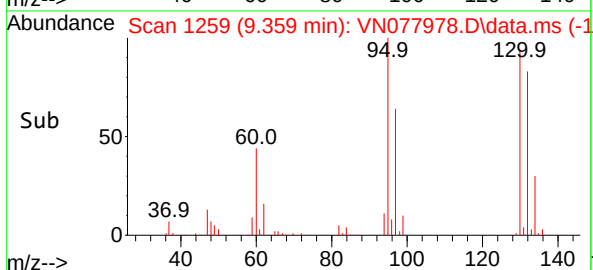
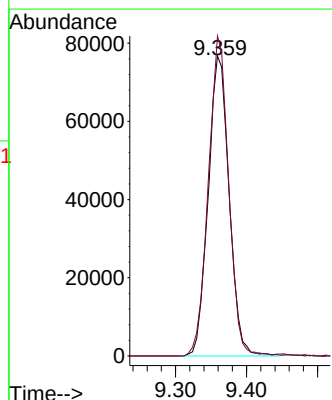
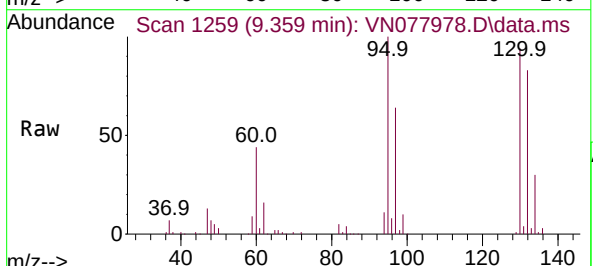
Acq: 30 May 2023 18:39

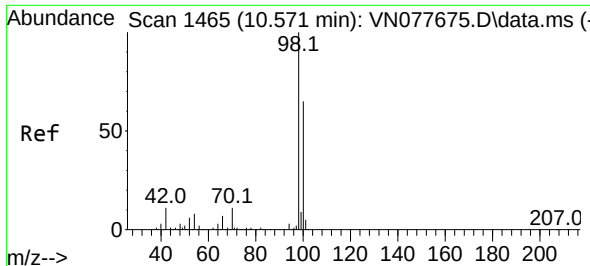
Tgt Ion:130 Resp: 156847

Ion Ratio Lower Upper

130 100

95 106.7 0.0 204.6

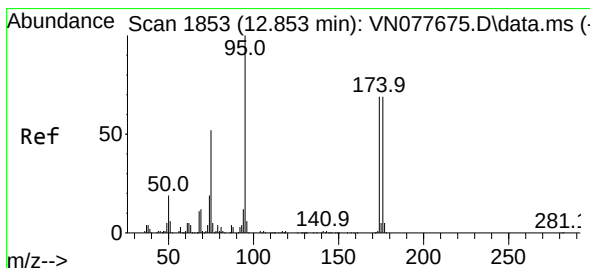
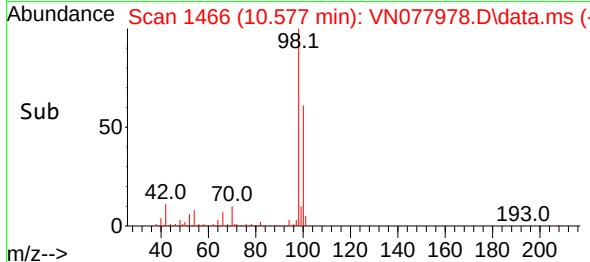
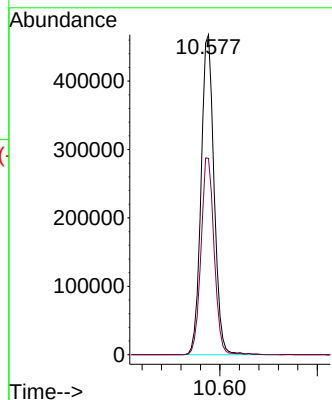
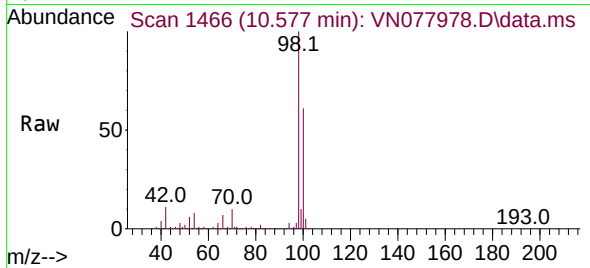




#50
Toluene-d8
Concen: 49.467 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077978.D
Acq: 30 May 2023 18:39

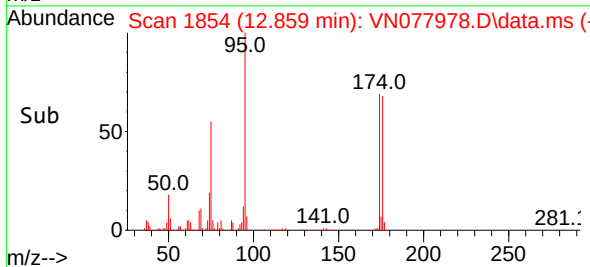
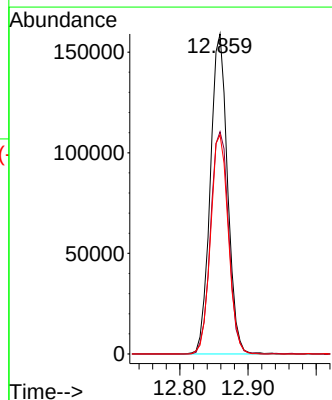
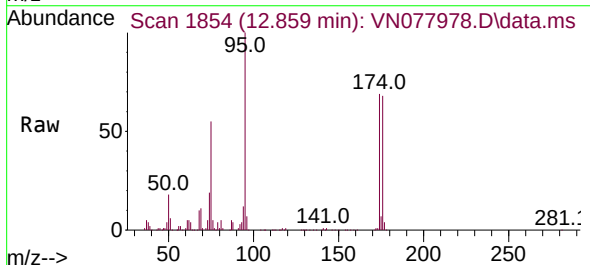
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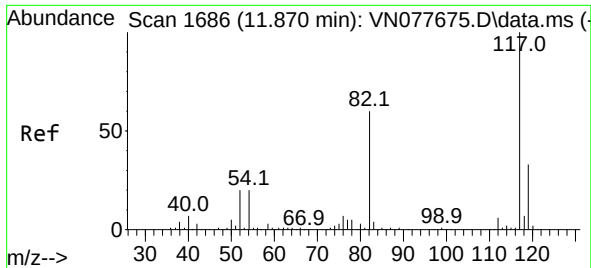
Tgt Ion: 98 Resp: 865426
Ion Ratio Lower Upper
98 100
100 62.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.252 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077978.D
Acq: 30 May 2023 18:39

Tgt Ion: 95 Resp: 279609
Ion Ratio Lower Upper
95 100
174 72.7 0.0 143.8
176 70.3 0.0 135.8

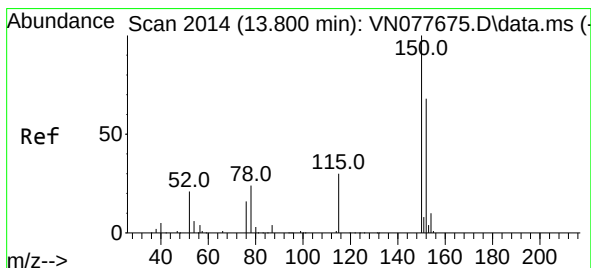
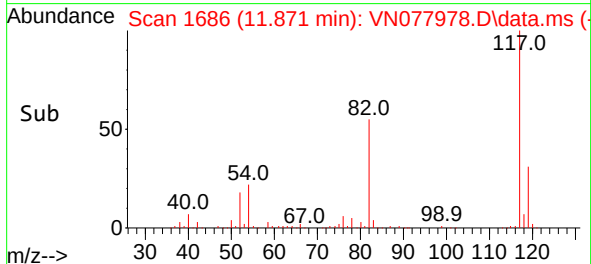
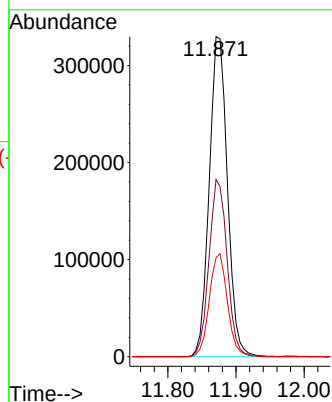
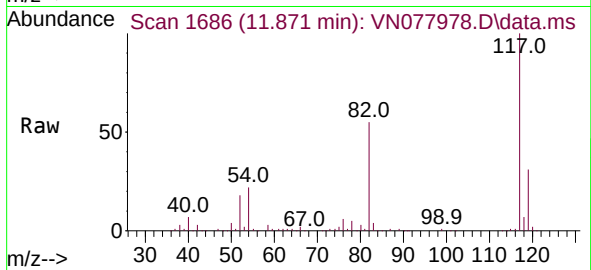




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077978.D
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Tgt Ion:117 Resp: 611903
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 30.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077978.D
Acq: 30 May 2023 18:39

Tgt Ion:152 Resp: 197992
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 156.0 0.0 355.8

