

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077863.D
 Acq On : 24 May 2023 19:31
 Operator : JC\MD
 Sample : 02910-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW25BR-20230523

Quant Time: May 25 01:44:25 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)

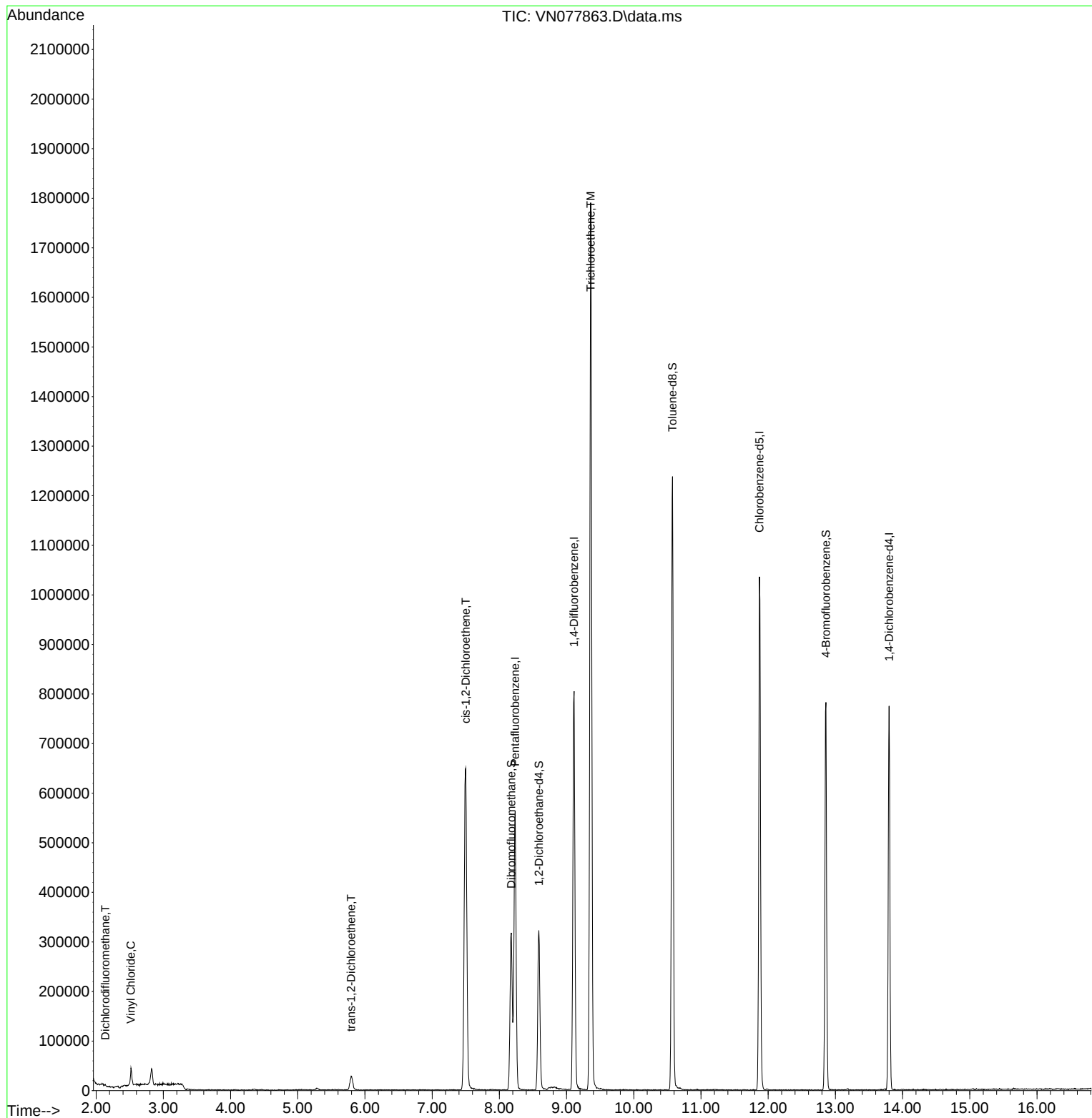
Internal Standards						
1) Pentafluorobenzene	8.235	168	401011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	724301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	629370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	206494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	266109	44.350	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.700%
35) Dibromofluoromethane	8.177	113	231499	49.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.020%
50) Toluene-d8	10.576	98	897621	49.375	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.859	95	287270	44.742	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	2319	0.508	ug/l	98
4) Vinyl Chloride	2.518	62	32354	5.623	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	18772	3.962	ug/l #	79
27) cis-1,2-Dichloroethene	7.500	96	417431	73.481	ug/l	96
44) Trichloroethene	9.359	130	635553	123.124	ug/l	100

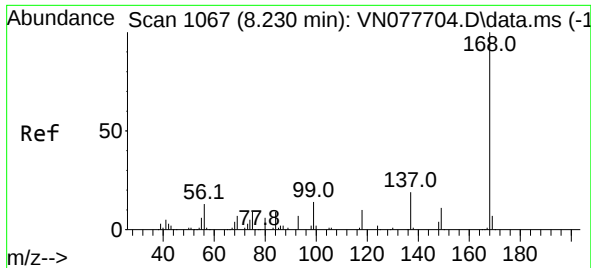
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN077863.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

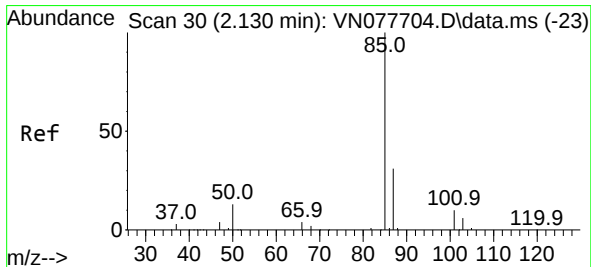
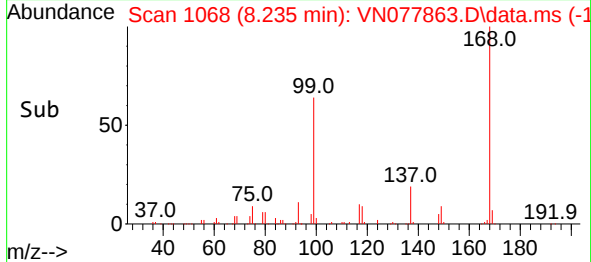
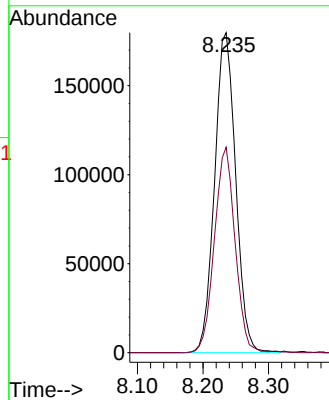
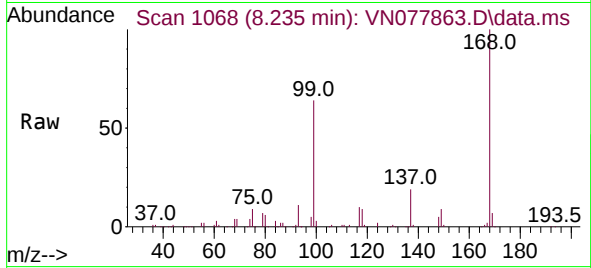
MW25BR-20230523

Tgt Ion:168 Resp: 401011

Ion Ratio Lower Upper

168 100

99 64.2 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 0.508 ug/l

RT: 2.136 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN077863.D

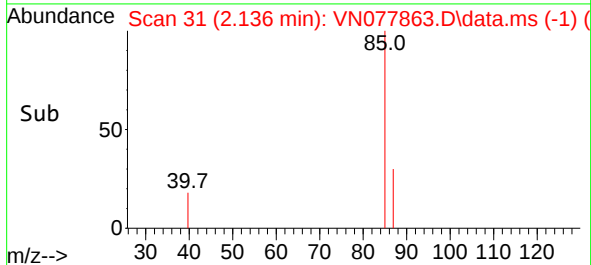
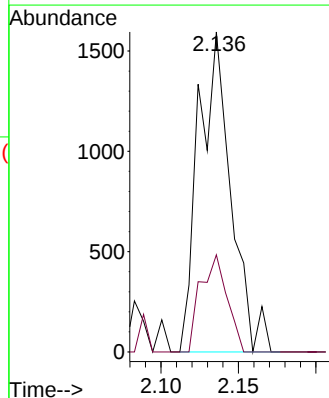
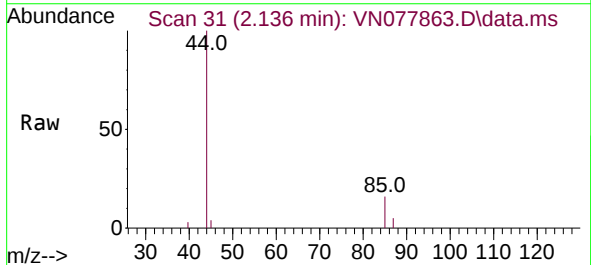
Acq: 24 May 2023 19:31

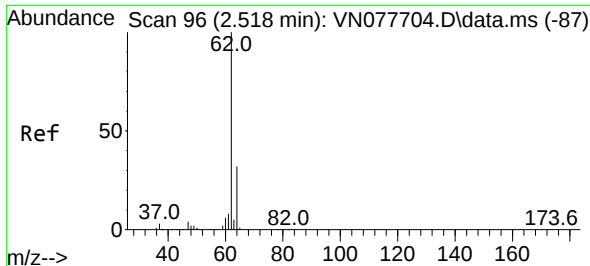
Tgt Ion: 85 Resp: 2319

Ion Ratio Lower Upper

85 100

87 30.3 15.8 47.4

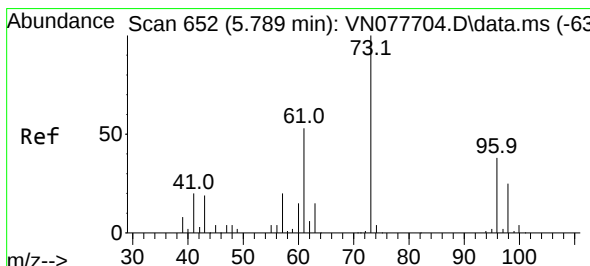
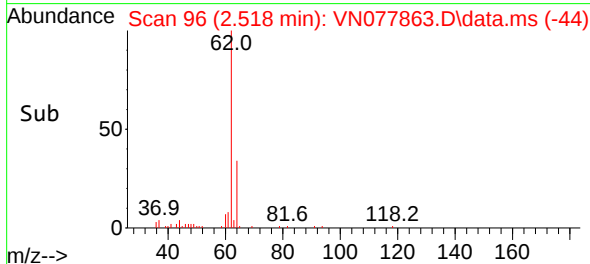
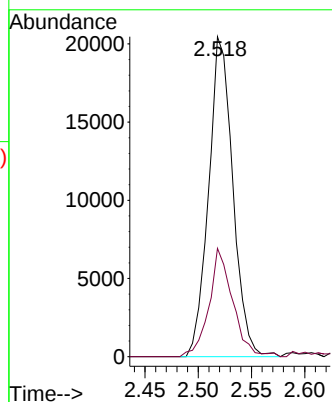
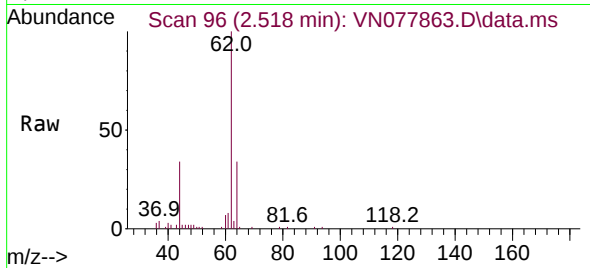




#4
 Vinyl Chloride
 Concen: 5.623 ug/l
 RT: 2.518 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VN077863.D
 Acq: 24 May 2023 19:31

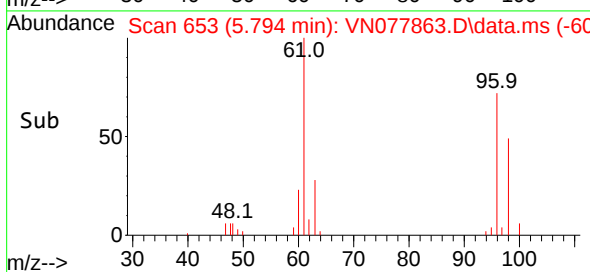
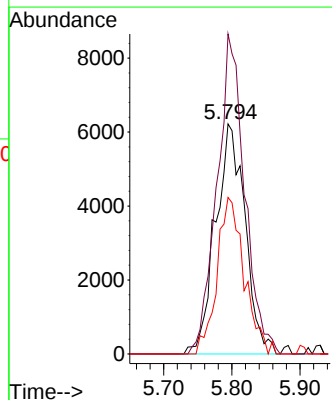
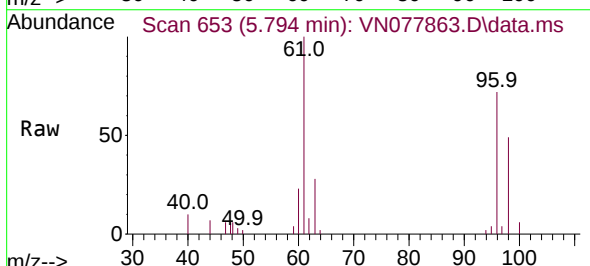
Instrument :
 MSVOA_N
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 MW25BR-20230523

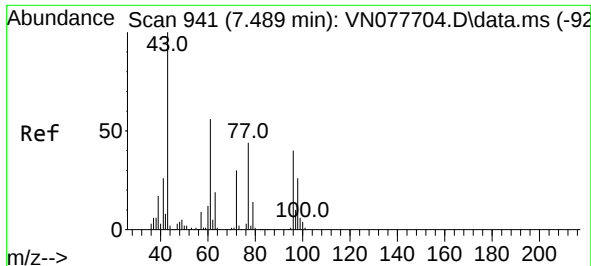
Tgt Ion: 62 Resp: 32354
 Ion Ratio Lower Upper
 62 100
 64 33.8 26.2 39.2



#21
 trans-1,2-Dichloroethene
 Concen: 3.962 ug/l
 RT: 5.794 min Scan# 653
 Delta R.T. 0.000 min
 Lab File: VN077863.D
 Acq: 24 May 2023 19:31

Tgt Ion: 96 Resp: 18772
 Ion Ratio Lower Upper
 96 100
 61 139.0 90.1 135.1#
 98 68.0 46.4 69.6

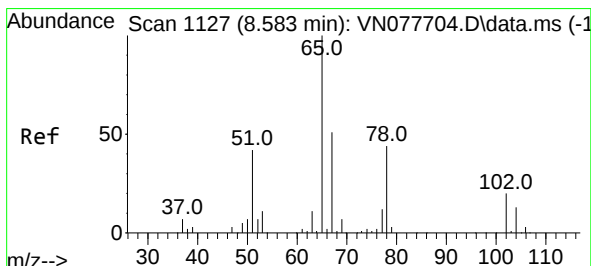
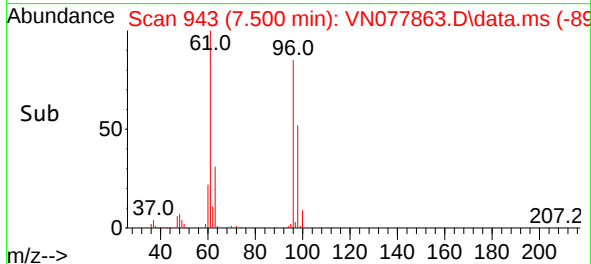
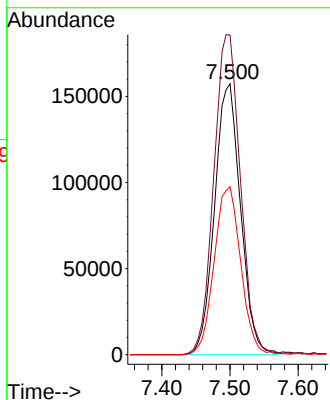
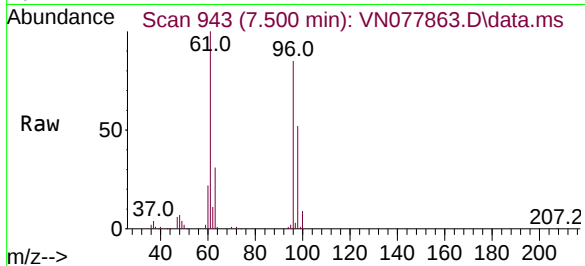




#27
 cis-1,2-Dichloroethene
 Concen: 73.481 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN077863.D
 Acq: 24 May 2023 19:31

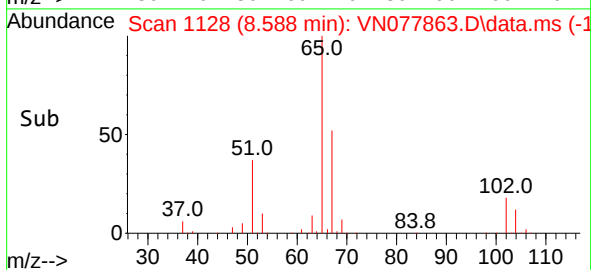
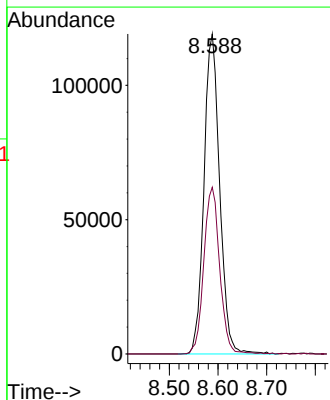
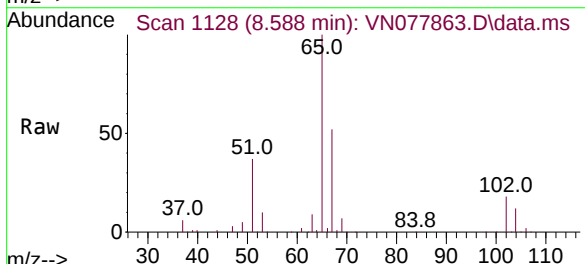
Instrument :
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 ClientSampleId :
 MW25BR-20230523

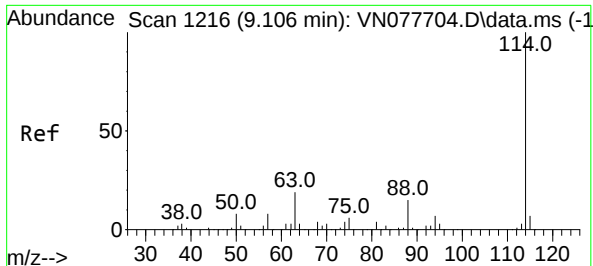
Tgt Ion: 96 Resp: 417431
 Ion Ratio Lower Upper
 96 100
 61 121.1 0.0 255.2
 98 63.5 0.0 128.8



#33
 1,2-Dichloroethane-d4
 Concen: 44.350 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VN077863.D
 Acq: 24 May 2023 19:31

Tgt Ion: 65 Resp: 266109
 Ion Ratio Lower Upper
 65 100
 67 52.8 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: VN077863.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

MW25BR-20230523

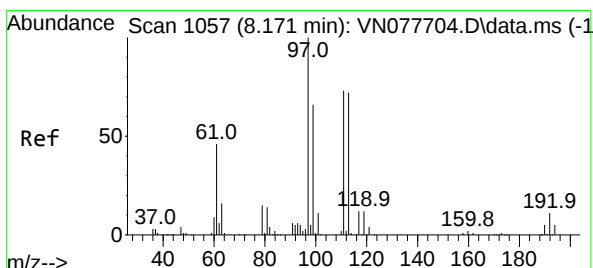
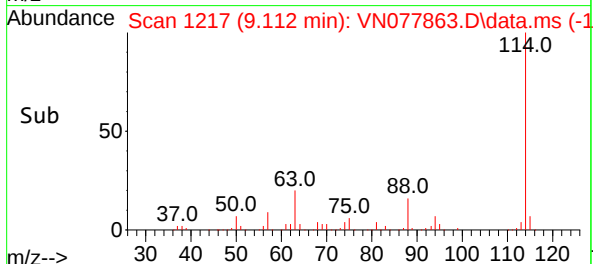
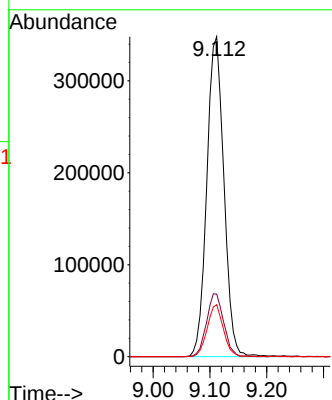
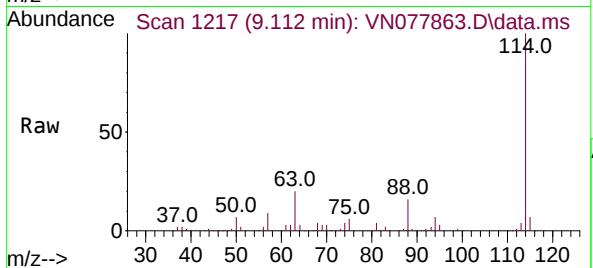
Tgt Ion:114 Resp: 724301

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.014 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077863.D

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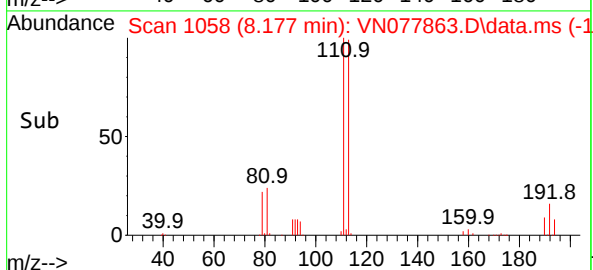
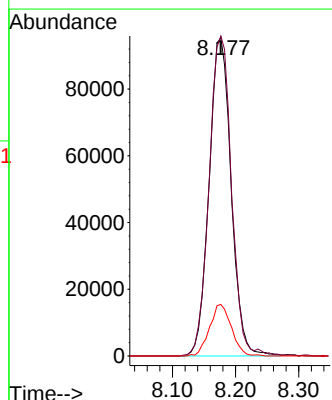
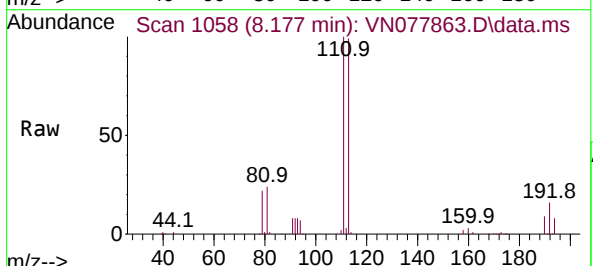
Tgt Ion:113 Resp: 231499

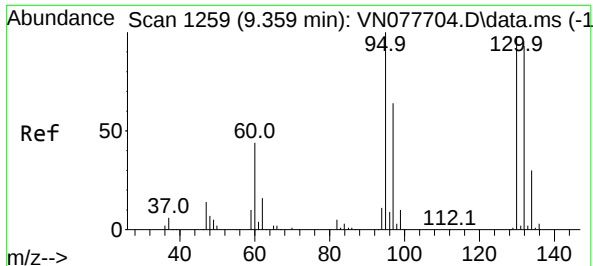
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 16.0 12.7 19.1

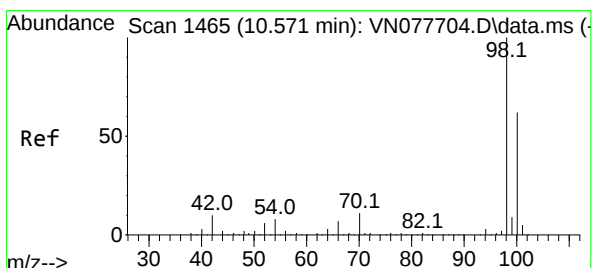
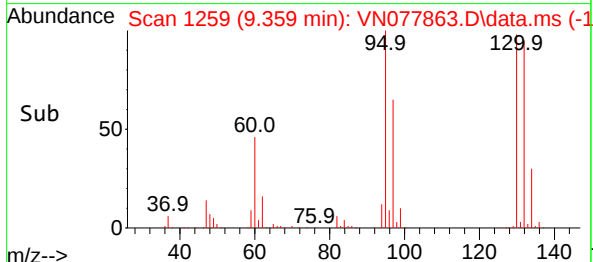
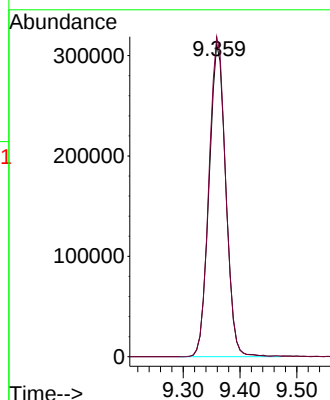
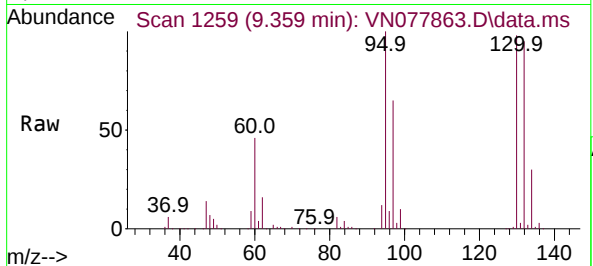




#44
Trichloroethene
Concen: 123.124 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

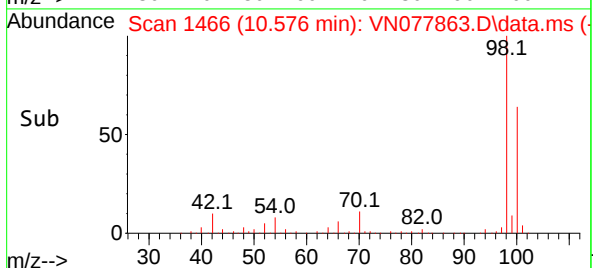
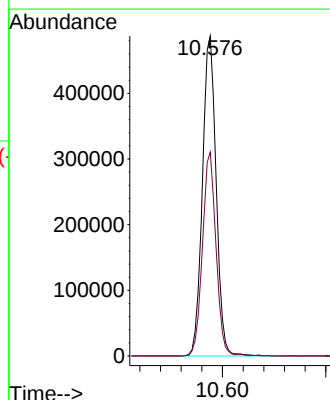
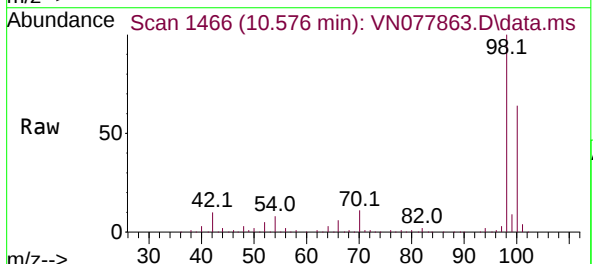
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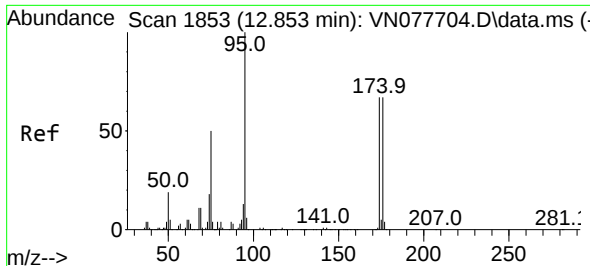
Tgt Ion:130 Resp: 635553
Ion Ratio Lower Upper
130 100
95 102.3 0.0 204.6



#50
Toluene-d8
Concen: 49.375 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

Tgt Ion: 98 Resp: 897621
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0

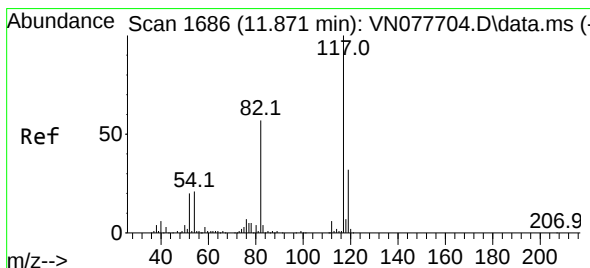
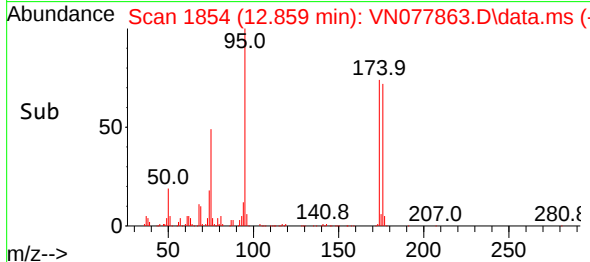
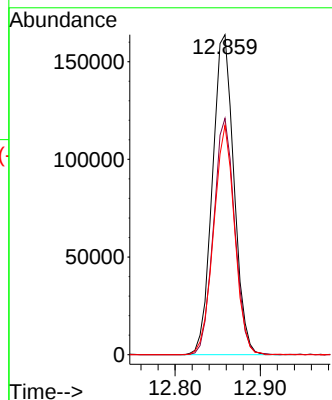
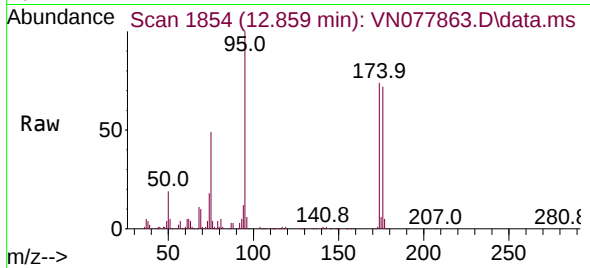




#62
4-Bromofluorobenzene
Concen: 44.742 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

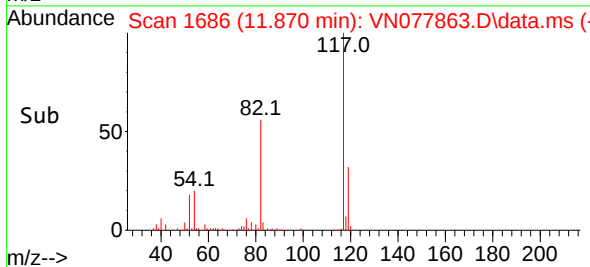
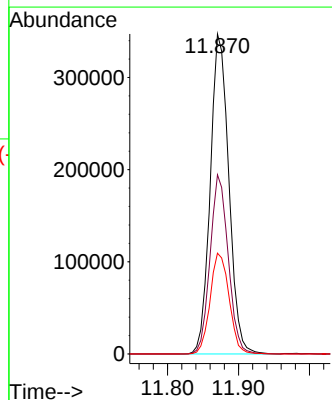
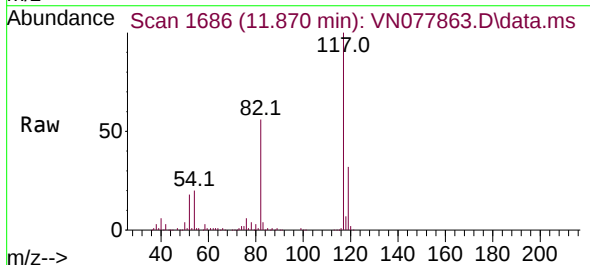
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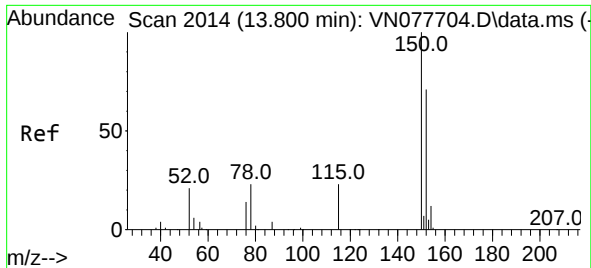
Tgt Ion: 95 Resp: 287270
Ion Ratio Lower Upper
95 100
174 72.7 0.0 143.8
176 69.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077863.D
Acq: 24 May 2023 19:31

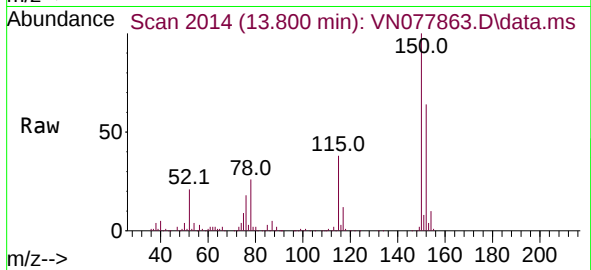
Tgt Ion: 117 Resp: 629370
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 31.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077863.D
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Instrument :
 MSVOA_N
 ClientSampleId :
 MW25BR-20230523



Tgt Ion:152 Resp: 206494
 Ion Ratio Lower Upper
 152 100
 115 63.0 32.3 96.8
 150 157.9 0.0 355.8

