

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077862.D
 Acq On : 24 May 2023 19:07
 Operator : JC\MD
 Sample : 02910-02 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW04BR-20230523

Quant Time: May 25 01:44:16 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)

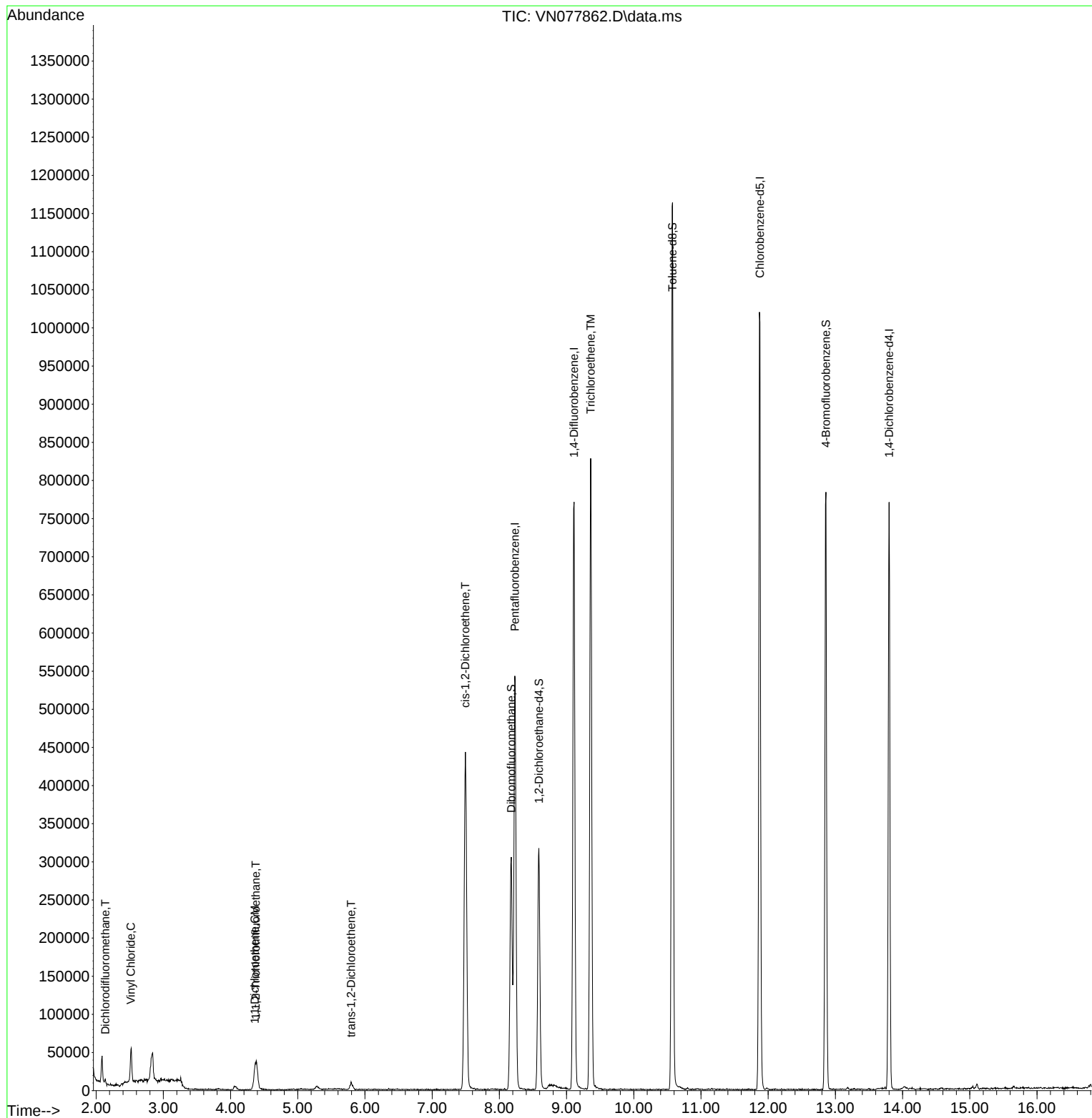
Internal Standards						
1) Pentafluorobenzene	8.230	168	389131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	685636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	623284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	210517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	259195	44.517	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.040%
35) Dibromofluoromethane	8.177	113	223569	50.005	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.000%
50) Toluene-d8	10.576	98	864691	50.246	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.500%
62) 4-Bromofluorobenzene	12.859	95	282079	46.411	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	4257	0.961	ug/l	75
4) Vinyl Chloride	2.518	62	41081	7.358	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	25644	5.955	ug/l	97
12) 1,1-Dichloroethene	4.359	96	4091	1.000	ug/l #	74
21) trans-1,2-Dichloroethene	5.794	96	5963	1.297	ug/l	94
27) cis-1,2-Dichloroethene	7.494	96	273500	49.615	ug/l	97
44) Trichloroethene	9.359	130	295236	60.420	ug/l	91

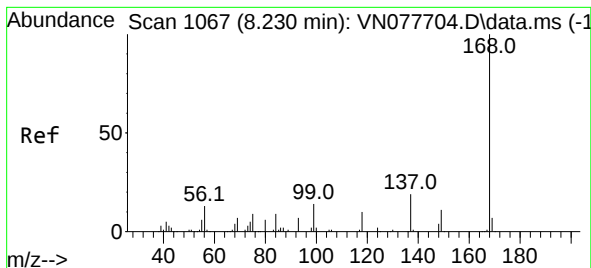
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
Data File : VN077862.D
Acq On : 24 May 2023 19:07
Operator : JC\MD
Sample : 02910-02 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW04BR-20230523

Quant Time: May 25 01:44:16 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

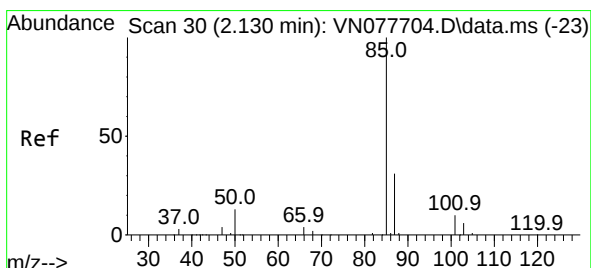
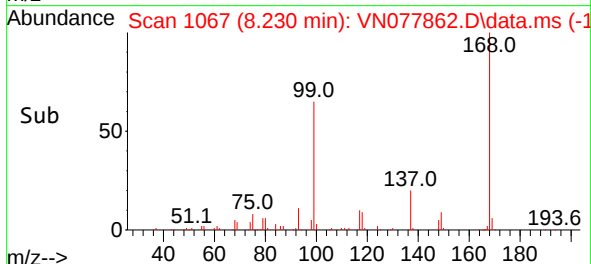
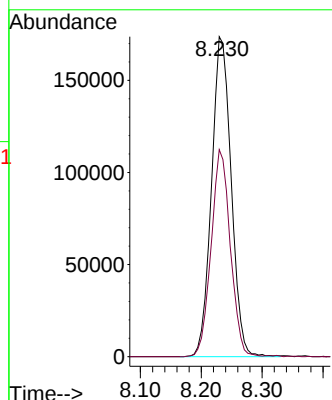
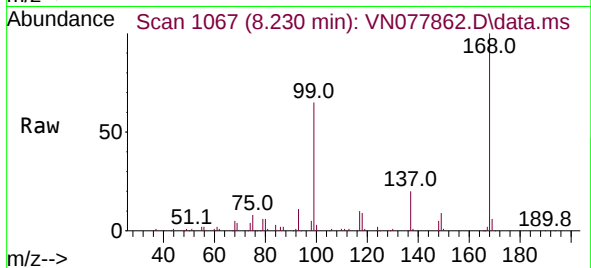




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077862.D
Acq: 24 May 2023 19:07

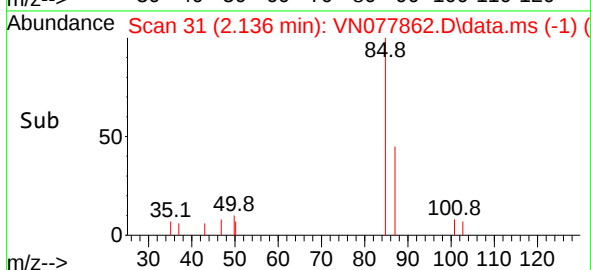
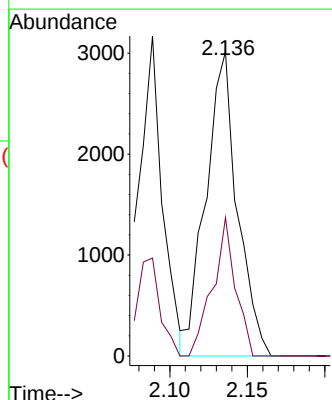
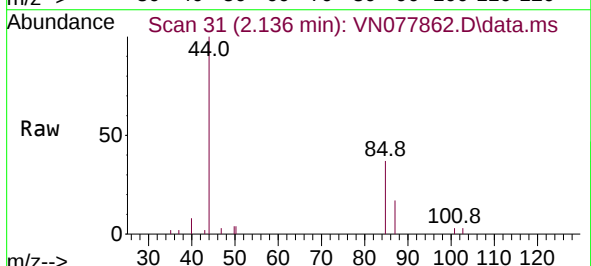
Instrument :
MSVOA_N
ClientSampleId :
MW04BR-20230523

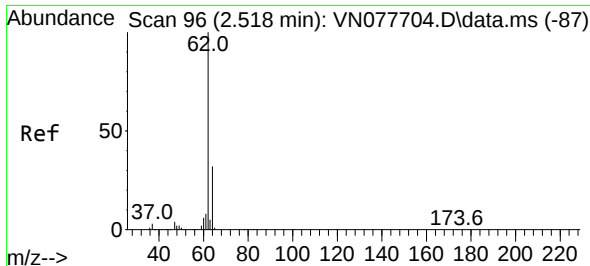
Tgt Ion:168 Resp: 389131
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.961 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077862.D
Acq: 24 May 2023 19:07

Tgt Ion: 85 Resp: 4257
Ion Ratio Lower Upper
85 100
87 45.5 15.8 47.4

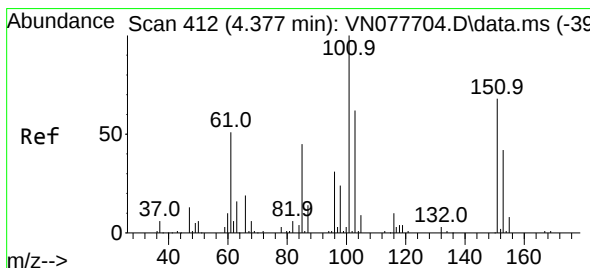
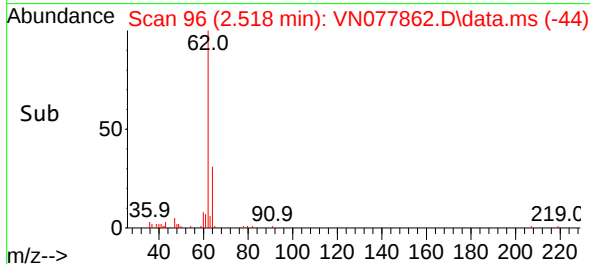
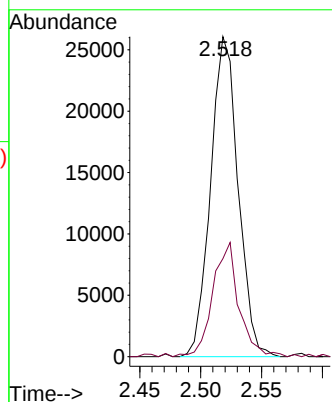
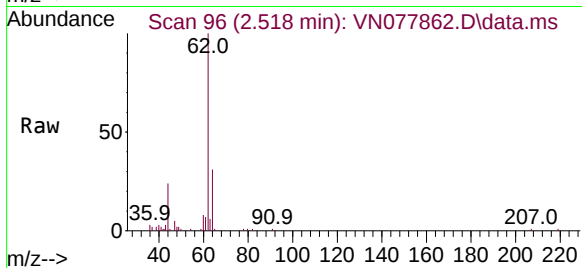




#4
 Vinyl Chloride
 Concen: 7.358 ug/l
 RT: 2.518 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VN077862.D
 Acq: 24 May 2023 19:07

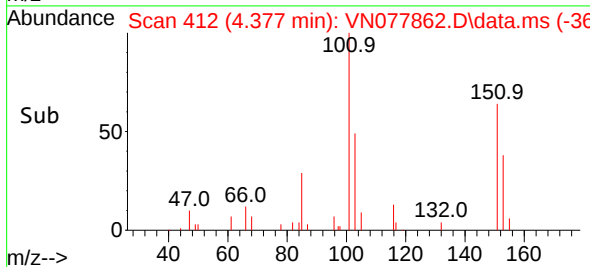
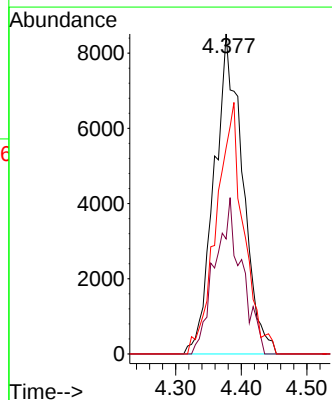
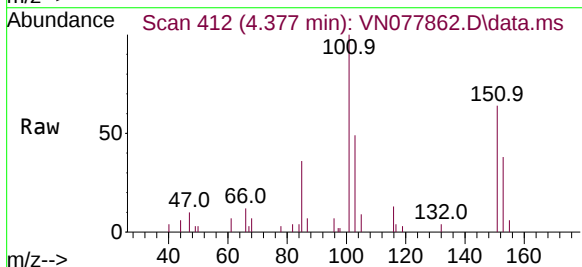
Instrument :
 MSVOA_N
 ClientSampleId :
 MW04BR-20230523

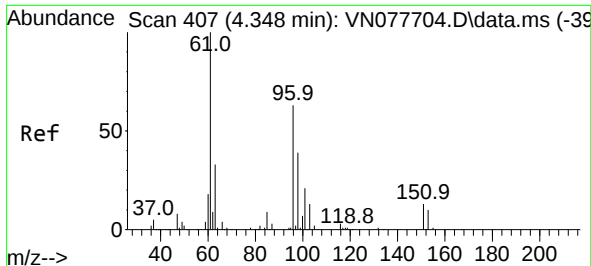
Tgt Ion: 62 Resp: 41081
 Ion Ratio Lower Upper
 62 100
 64 29.8 26.2 39.2



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.955 ug/l
 RT: 4.377 min Scan# 412
 Delta R.T. -0.000 min
 Lab File: VN077862.D
 Acq: 24 May 2023 19:07

Tgt Ion: 101 Resp: 25644
 Ion Ratio Lower Upper
 101 100
 85 45.9 36.6 55.0
 151 75.6 57.6 86.4

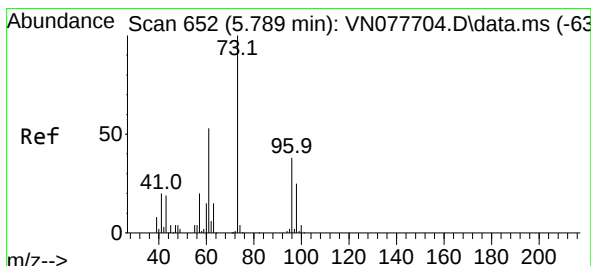
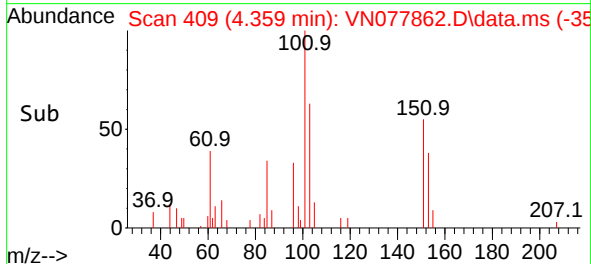
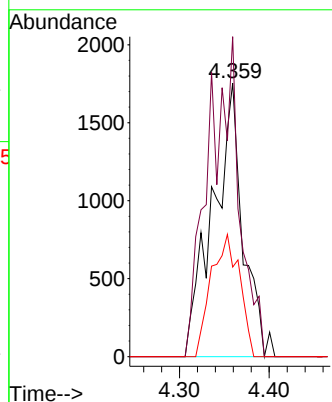
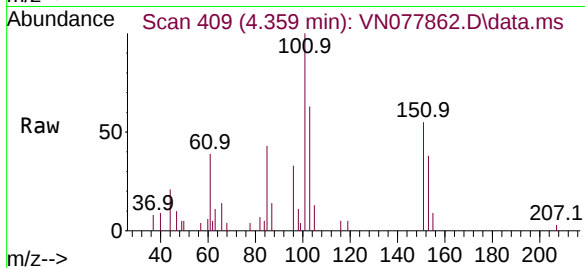




#12
 1,1-Dichloroethene
 Concen: 1.000 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. 0.012 min
 Lab File: VN077862.D
 Acq: 24 May 2023 19:07

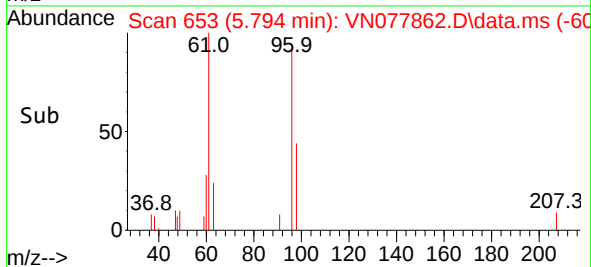
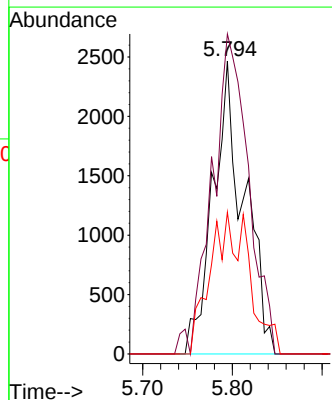
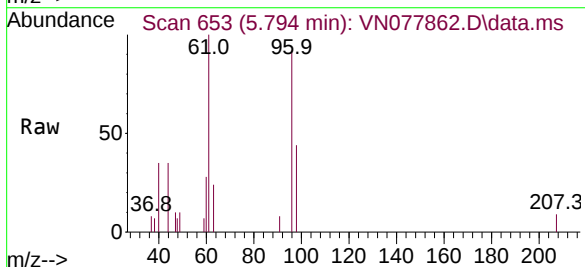
Instrument :
 MSVOA_N
 ClientSampleId :
 MW04BR-20230523

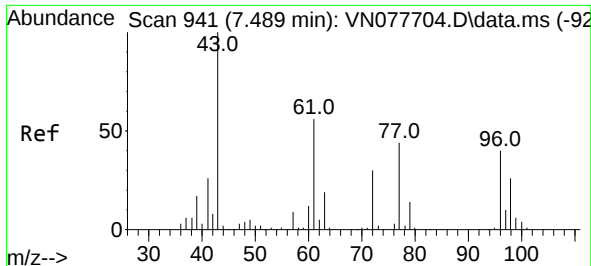
Tgt Ion: 96 Resp: 4091
 Ion Ratio Lower Upper
 96 100
 61 117.0 112.7 169.1
 98 32.7 51.2 76.8#



#21
 trans-1,2-Dichloroethene
 Concen: 1.297 ug/l
 RT: 5.794 min Scan# 653
 Delta R.T. 0.000 min
 Lab File: VN077862.D
 Acq: 24 May 2023 19:07

Tgt Ion: 96 Resp: 5963
 Ion Ratio Lower Upper
 96 100
 61 109.2 90.1 135.1
 98 48.4 46.4 69.6

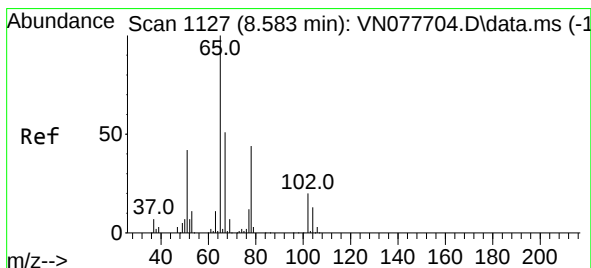
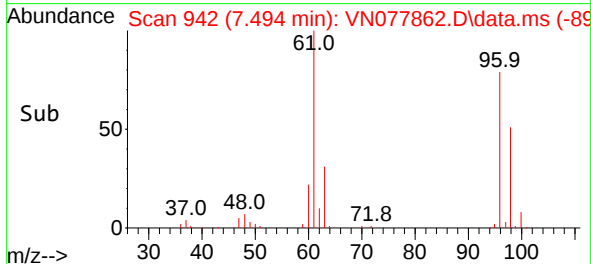
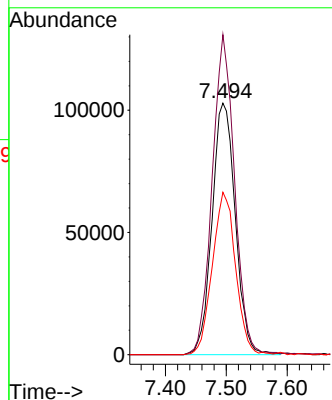
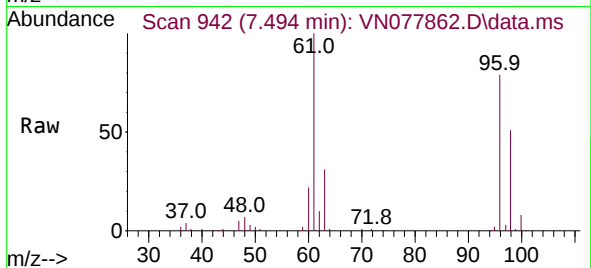




#27
 cis-1,2-Dichloroethene
 Concen: 49.615 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077862.D
 Acq: 24 May 2023 19:07

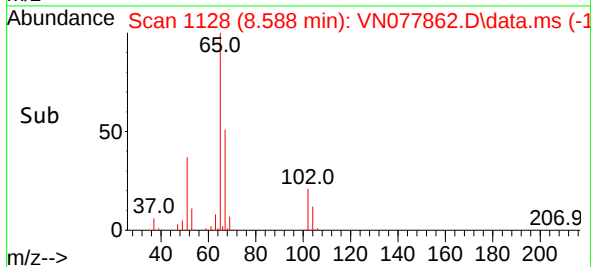
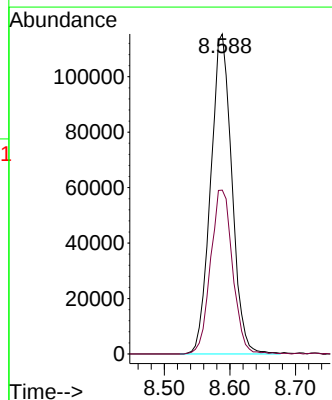
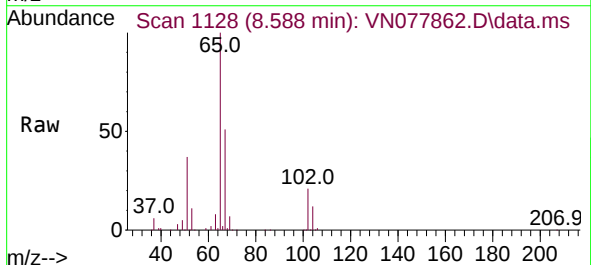
Instrument :
 MSVOA_N
 ClientSampleId :
 MW04BR-20230523

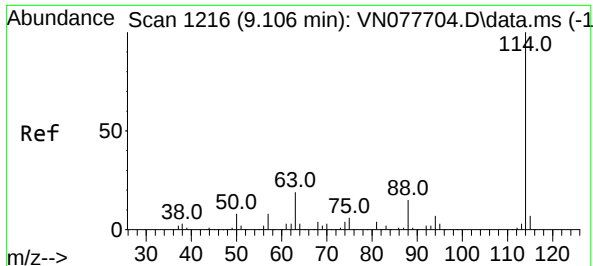
Tgt Ion: 96 Resp: 273500
 Ion Ratio Lower Upper
 96 100
 61 121.9 0.0 255.2
 98 64.4 0.0 128.8



#33
 1,2-Dichloroethane-d4
 Concen: 44.517 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VN077862.D
 Acq: 24 May 2023 19:07

Tgt Ion: 65 Resp: 259195
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077862.D

Acq: 24 May 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

MW04BR-20230523

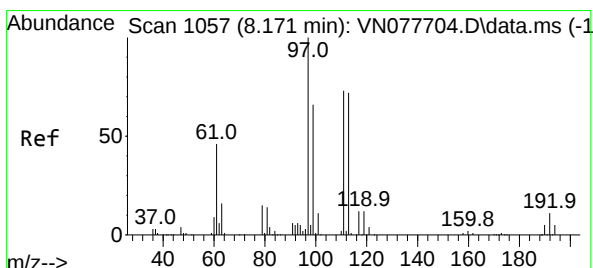
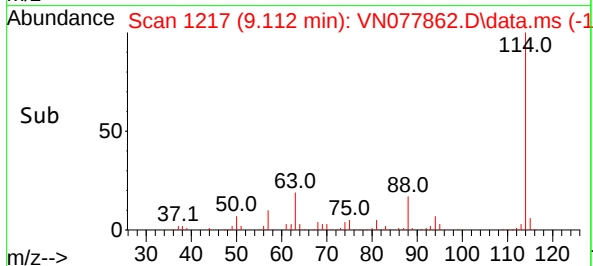
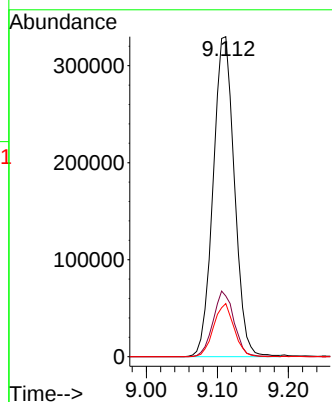
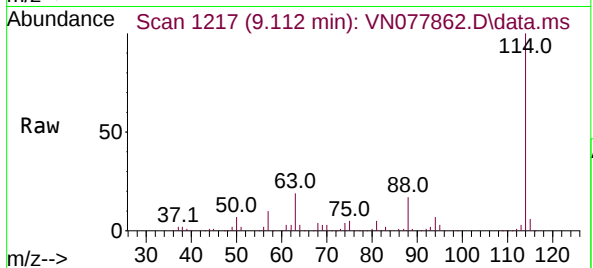
Tgt Ion:114 Resp: 685636

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 16.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.005 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077862.D

Acq: 24 May 2023 19:07

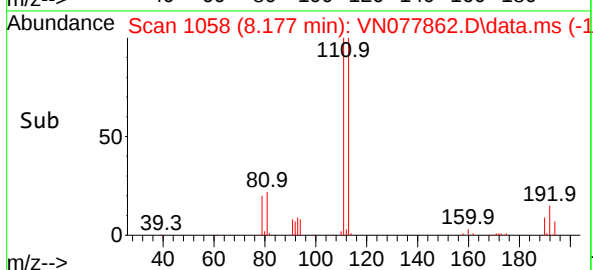
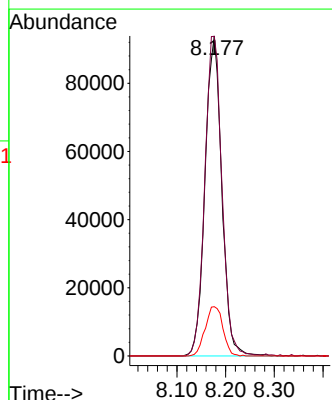
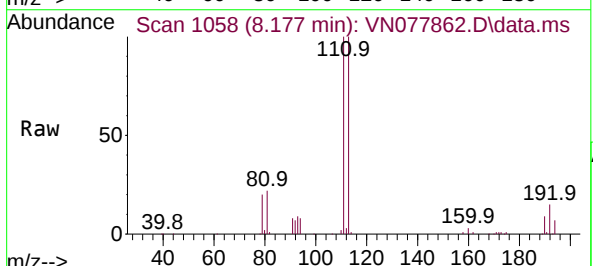
Tgt Ion:113 Resp: 223569

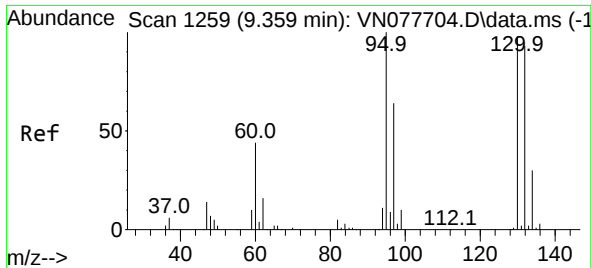
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 16.4 12.7 19.1

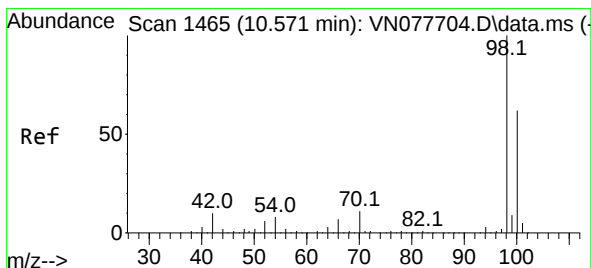
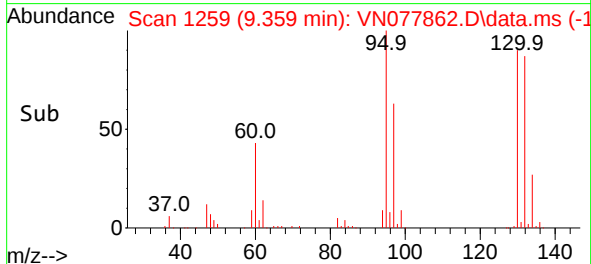
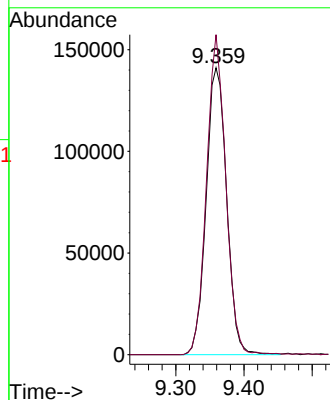
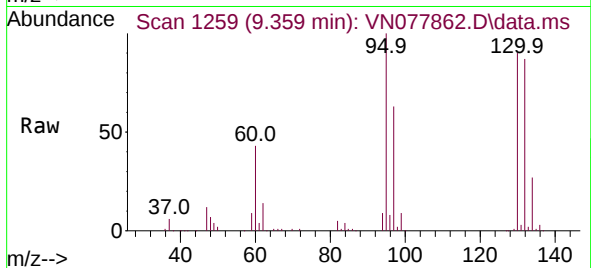




#44
Trichloroethene
Concen: 60.420 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077862.D
Acq: 24 May 2023 19:07

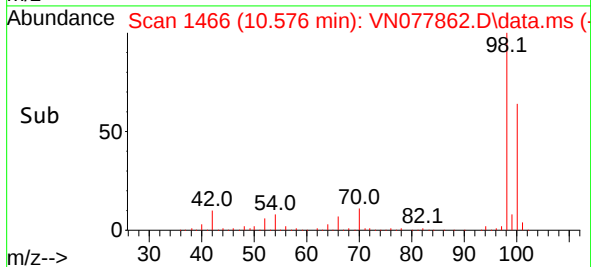
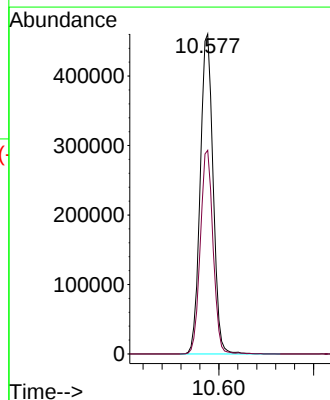
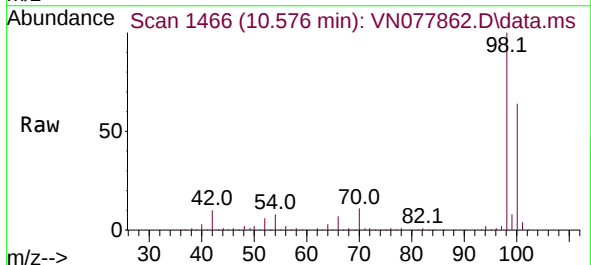
Instrument :
MSVOA_N
ClientSampleId :
MW04BR-20230523

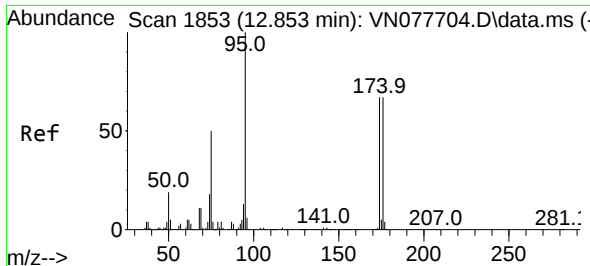
Tgt Ion:130 Resp: 295236
Ion Ratio Lower Upper
130 100
95 111.5 0.0 204.6



#50
Toluene-d8
Concen: 50.246 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077862.D
Acq: 24 May 2023 19:07

Tgt Ion: 98 Resp: 864691
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0

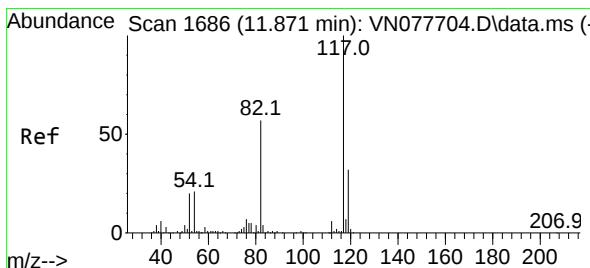
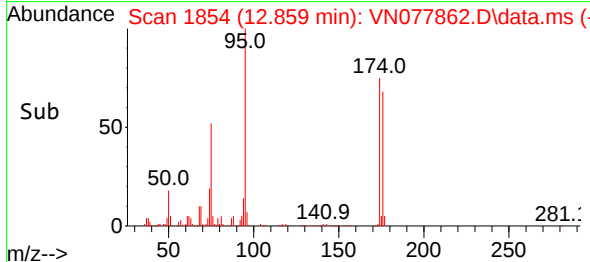
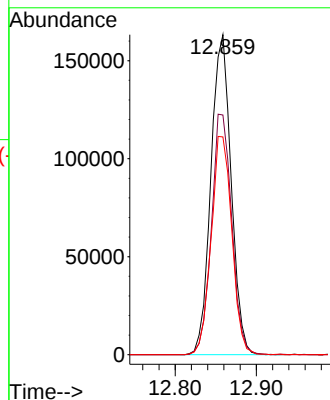
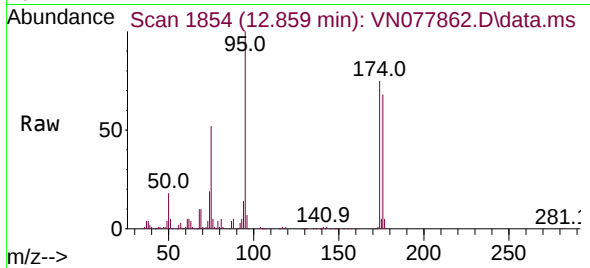




#62
4-Bromofluorobenzene
Concen: 46.411 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077862.D
Acq: 24 May 2023 19:07

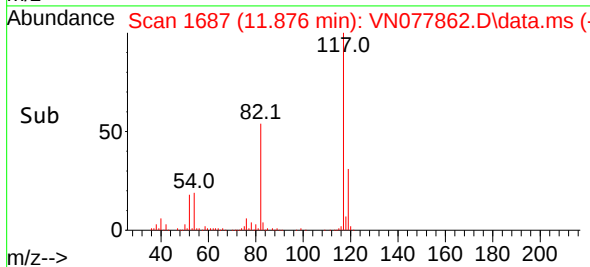
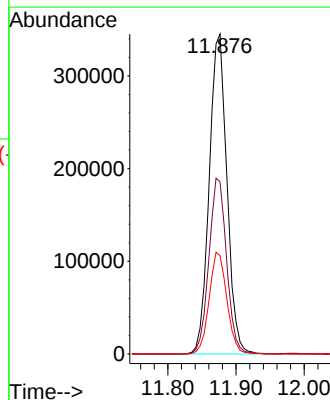
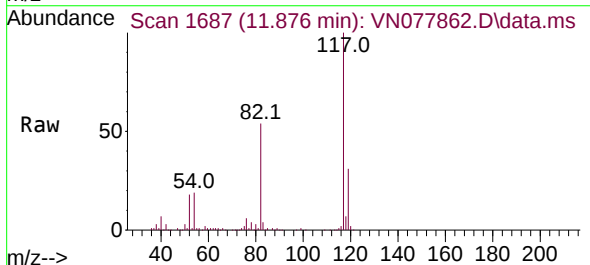
Instrument :
MSVOA_N
ClientSampleId :
MW04BR-20230523

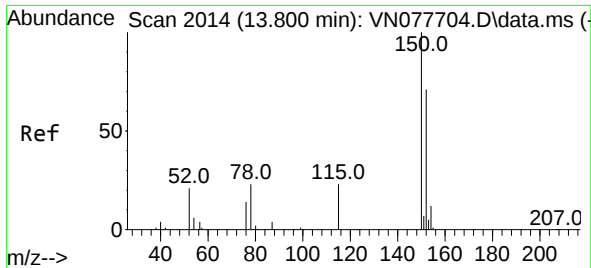
Tgt Ion: 95 Resp: 282079
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 70.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN077862.D
Acq: 24 May 2023 19:07

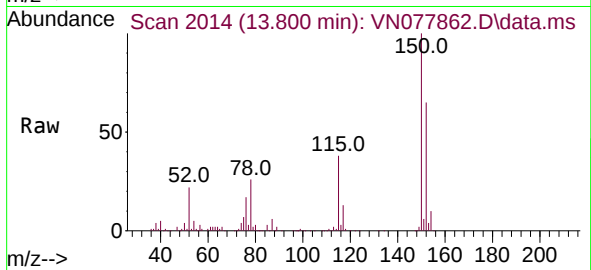
Tgt Ion: 117 Resp: 623284
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 30.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077862.D
 Acq: 24 May 2023 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 MW04BR-20230523



Tgt Ion:152 Resp: 210517
 Ion Ratio Lower Upper
 152 100
 115 60.8 32.3 96.8
 150 155.1 0.0 355.8

