

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077977.D
 Acq On : 30 May 2023 18:15
 Operator : JC\MD
 Sample : 02910-02 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW04BR-20230523

Quant Time: May 31 02:10:50 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)

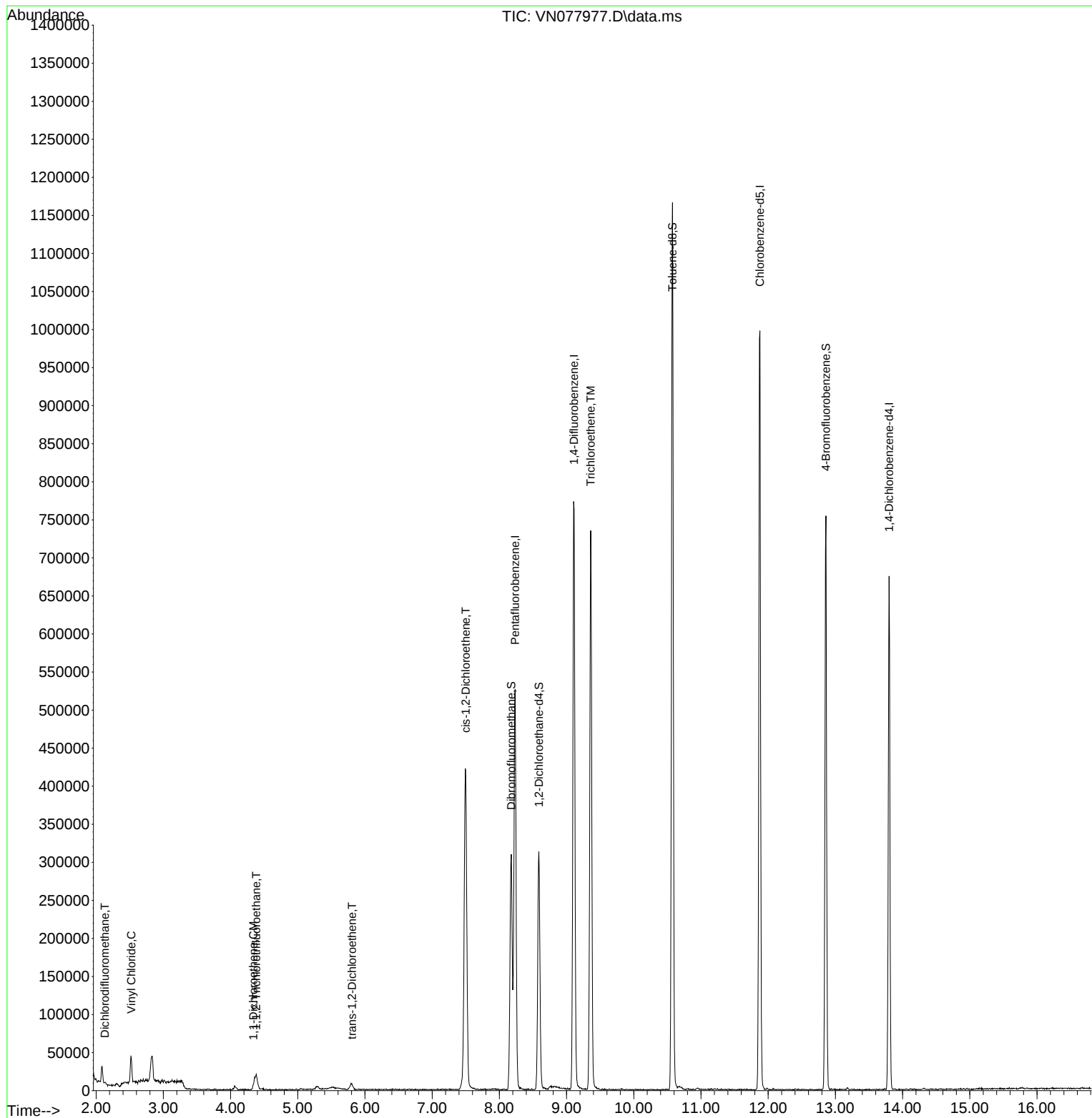
Internal Standards						
1) Pentafluorobenzene	8.235	168	377399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	692359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	600566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	179631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	258151	45.716	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.440%
35) Dibromofluoromethane	8.177	113	224002	49.615	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.240%
50) Toluene-d8	10.576	98	851208	48.983	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.960%
62) 4-Bromofluorobenzene	12.859	95	266452	43.414	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	1786	0.416	ug/l	79
4) Vinyl Chloride	2.524	62	34119	6.301	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.383	101	12324	2.951	ug/l	96
12) 1,1-Dichloroethene	4.342	96	2869	0.723	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	5177	1.161	ug/l #	89
27) cis-1,2-Dichloroethene	7.500	96	263391	49.266	ug/l	98
44) Trichloroethene	9.359	130	258723	52.434	ug/l	97

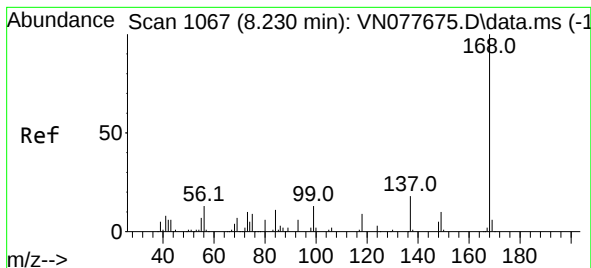
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
Data File : VN077977.D
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Sample : 02910-02 5X
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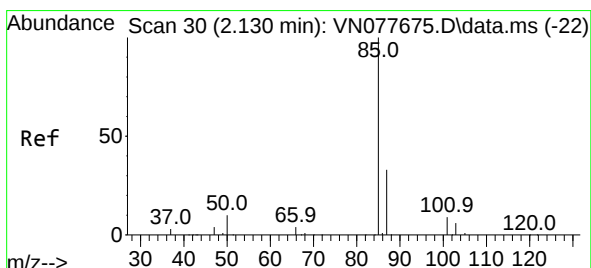
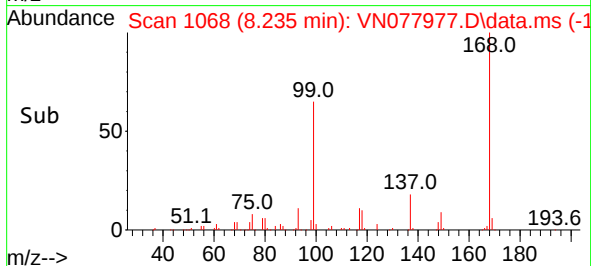
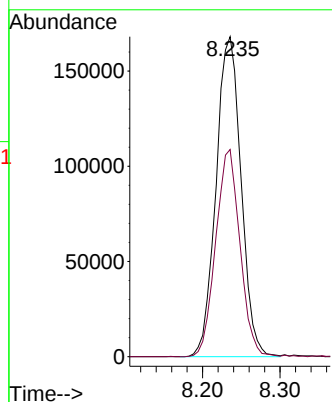
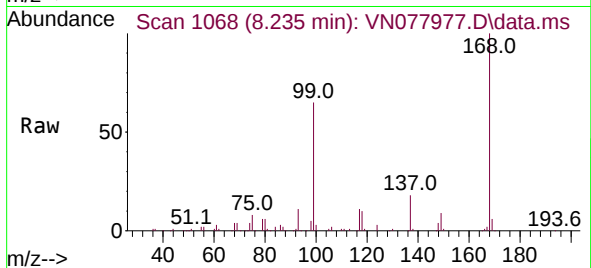




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077977.D
Acq: 30 May 2023 18:15

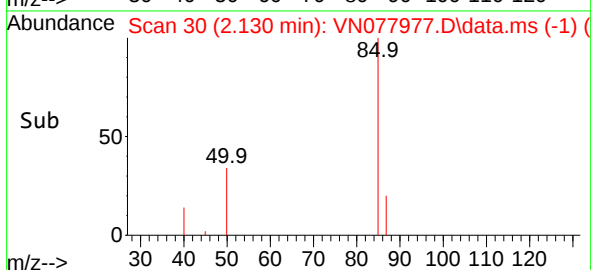
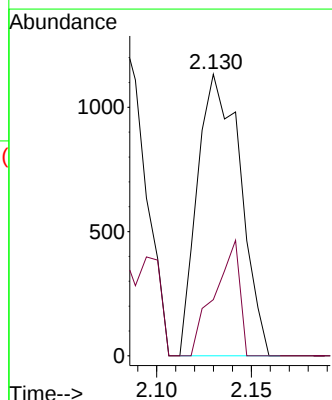
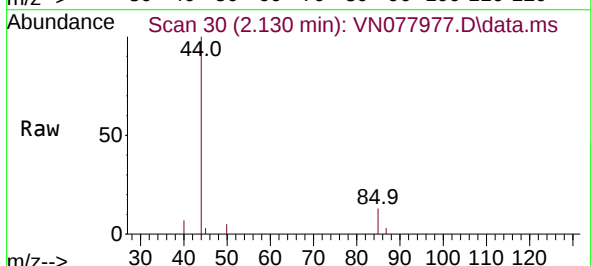
Instrument :
MSVOA_N
ClientSampleId :
MW04BR-20230523

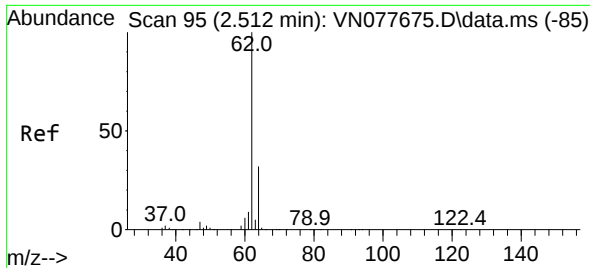
Tgt Ion:168 Resp: 377399
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.416 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN077977.D
Acq: 30 May 2023 18:15

Tgt Ion: 85 Resp: 1786
Ion Ratio Lower Upper
85 100
87 19.9 15.8 47.4

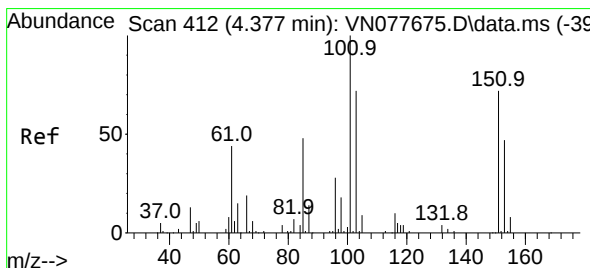
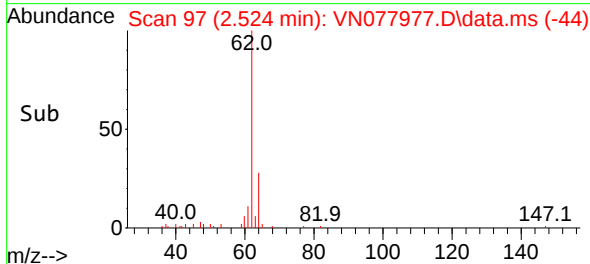
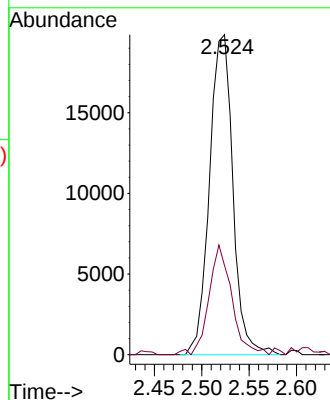
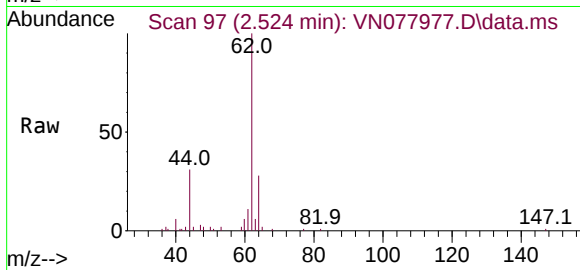




#4
 Vinyl Chloride
 Concen: 6.301 ug/l
 RT: 2.524 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VN077977.D
 Acq: 30 May 2023 18:15

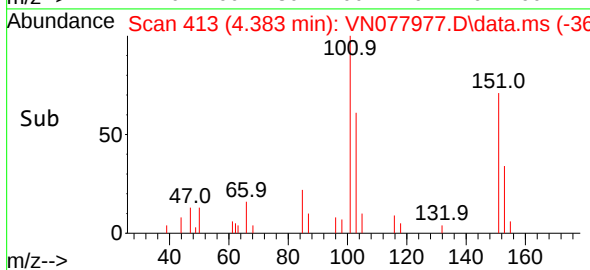
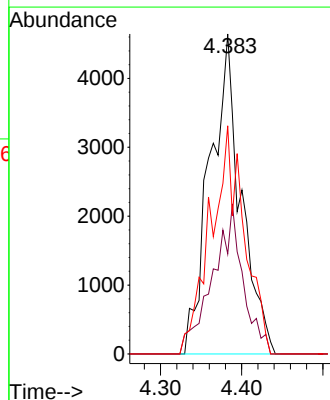
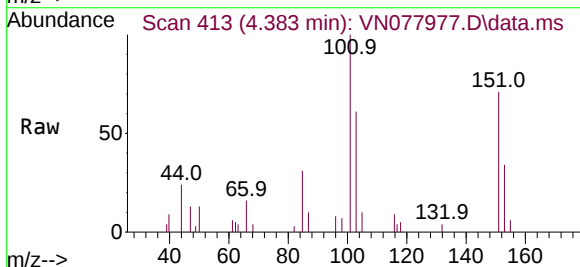
Instrument :
 MSVOA_N
 ClientSampleId :
 MW04BR-20230523

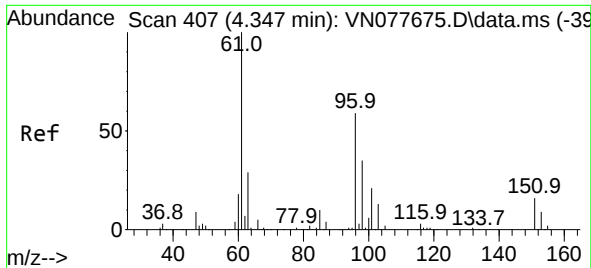
Tgt Ion: 62 Resp: 34119
 Ion Ratio Lower Upper
 62 100
 64 26.8 26.2 39.2



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.951 ug/l
 RT: 4.383 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VN077977.D
 Acq: 30 May 2023 18:15

Tgt Ion: 101 Resp: 12324
 Ion Ratio Lower Upper
 101 100
 85 45.5 36.6 55.0
 151 77.1 57.6 86.4

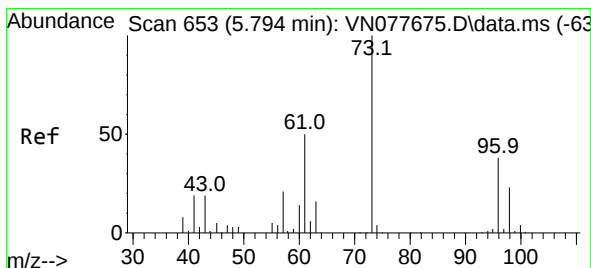
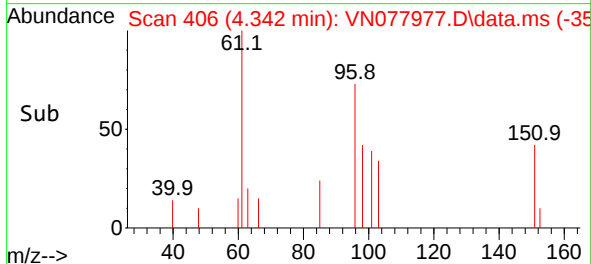
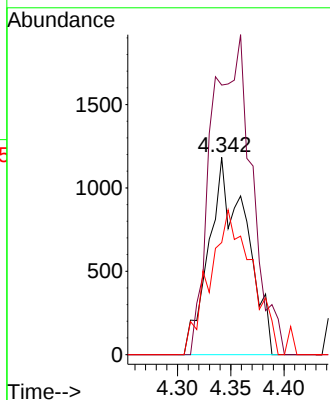
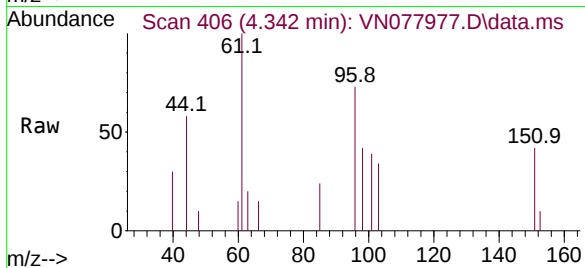




#12
 1,1-Dichloroethene
 Concen: 0.723 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. -0.005 min
 Lab File: VN077977.D
 Acq: 30 May 2023 18:15

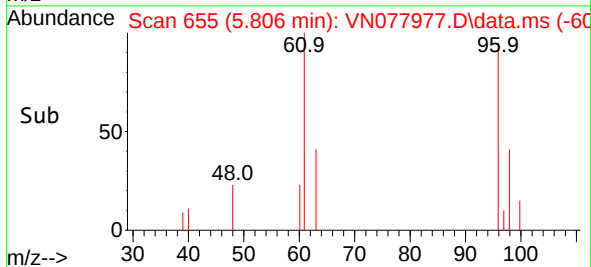
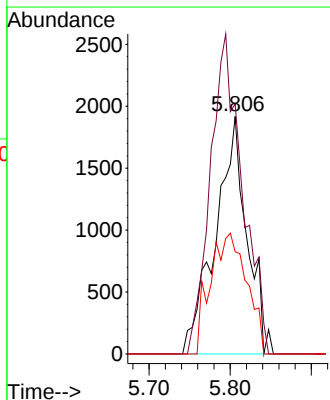
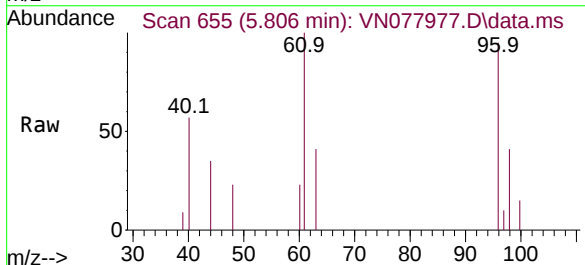
Instrument :
 MSVOA_N
 ClientSampleId :
 MW04BR-20230523

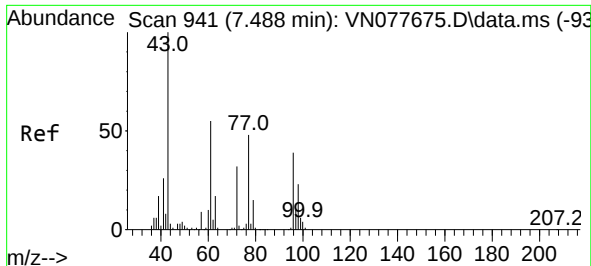
Tgt Ion: 96 Resp: 2869
 Ion Ratio Lower Upper
 96 100
 61 136.7 112.7 169.1
 98 56.8 51.2 76.8



#21
 trans-1,2-Dichloroethene
 Concen: 1.161 ug/l
 RT: 5.806 min Scan# 655
 Delta R.T. 0.012 min
 Lab File: VN077977.D
 Acq: 30 May 2023 18:15

Tgt Ion: 96 Resp: 5177
 Ion Ratio Lower Upper
 96 100
 61 105.2 90.1 135.1
 98 43.0 46.4 69.6#

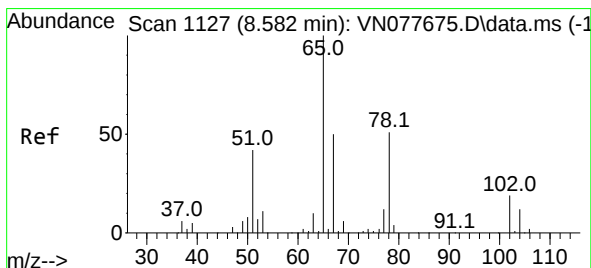
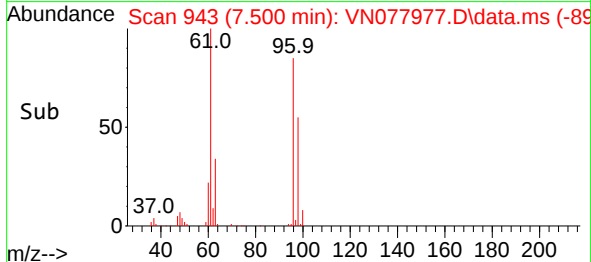
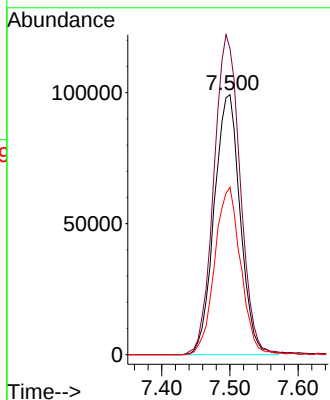
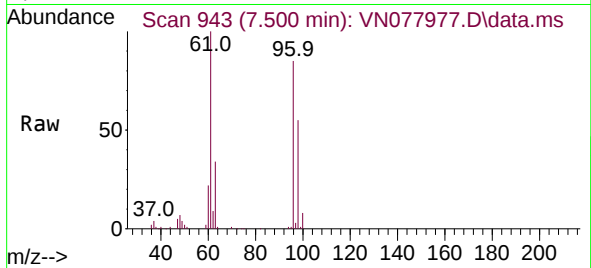




#27
 cis-1,2-Dichloroethene
 Concen: 49.266 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN077977.D
 Acq: 30 May 2023 18:15

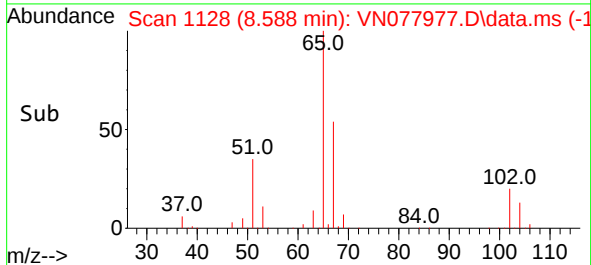
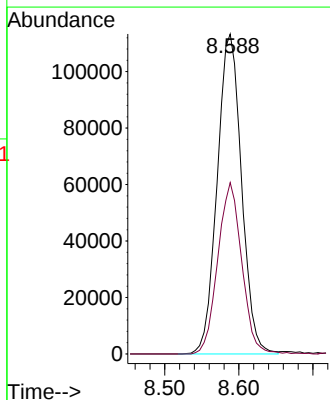
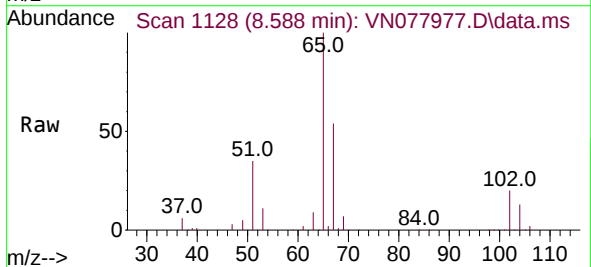
Instrument :
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 ClientSampleId :
 MW04BR-20230523

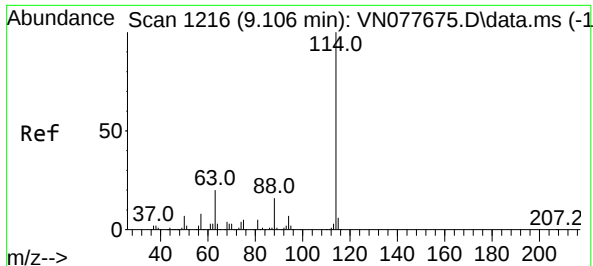
Tgt Ion: 96 Resp: 263391
 Ion Ratio Lower Upper
 96 100
 61 124.8 0.0 255.2
 98 64.4 0.0 128.8



#33
 1,2-Dichloroethane-d4
 Concen: 45.716 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VN077977.D
 Acq: 30 May 2023 18:15

Tgt Ion: 65 Resp: 258151
 Ion Ratio Lower Upper
 65 100
 67 52.9 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: VN077977.D

Acq: 30 May 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

MW04BR-20230523

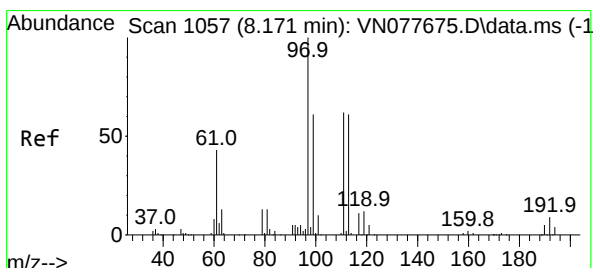
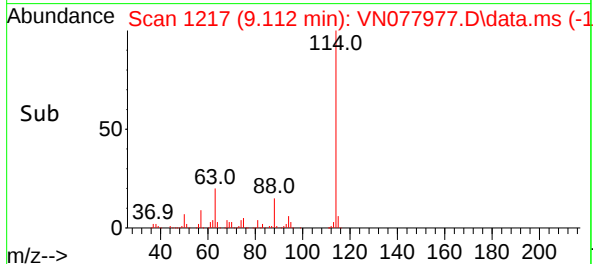
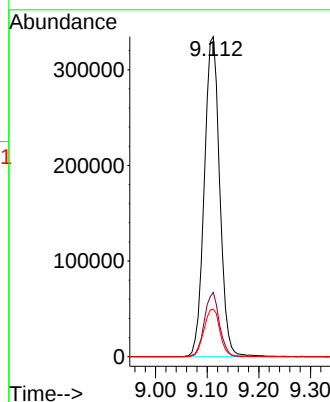
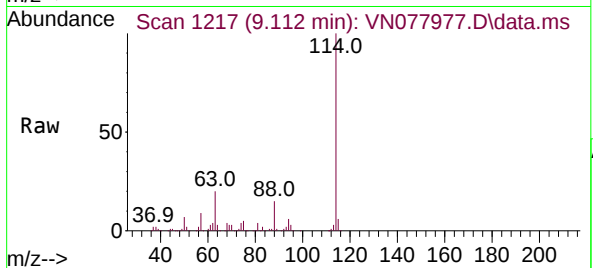
Tgt Ion:114 Resp: 692359

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.615 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077977.D

Acq: 30 May 2023 18:15

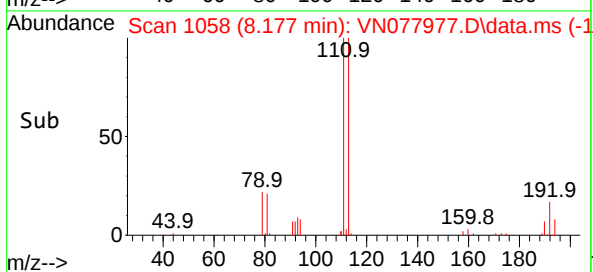
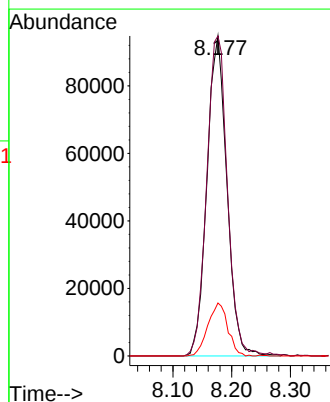
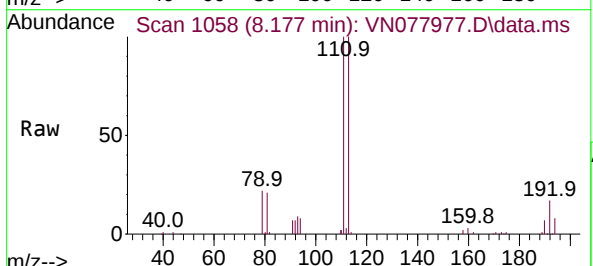
Tgt Ion:113 Resp: 224002

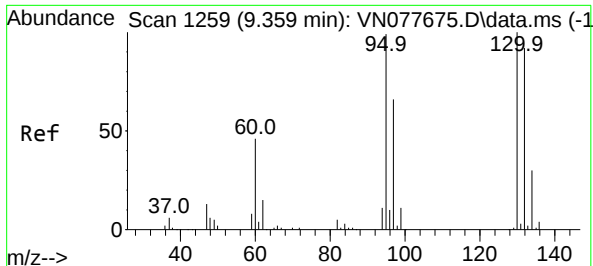
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 16.5 12.7 19.1

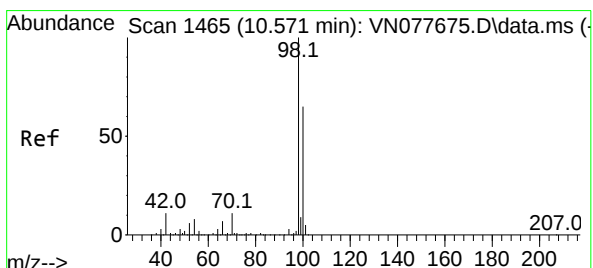
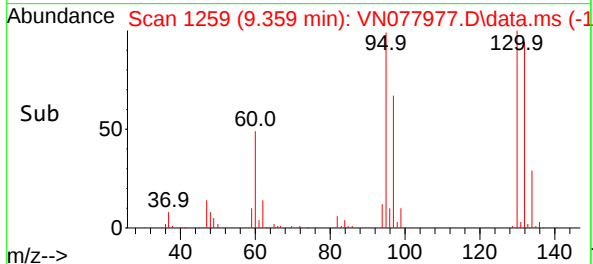
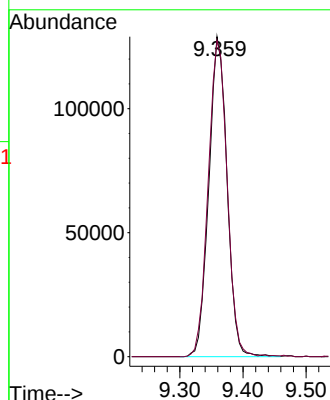
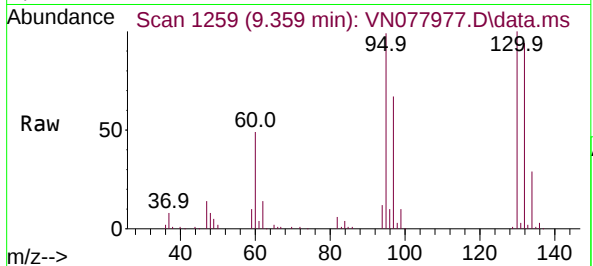




#44
Trichloroethene
Concen: 52.434 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077977.D
Acq: 30 May 2023 18:15

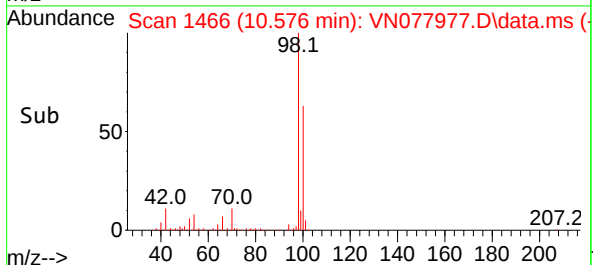
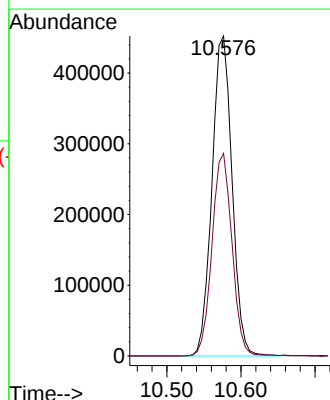
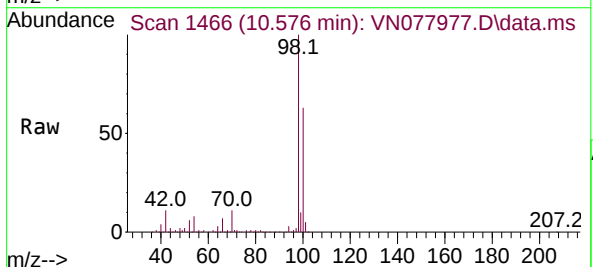
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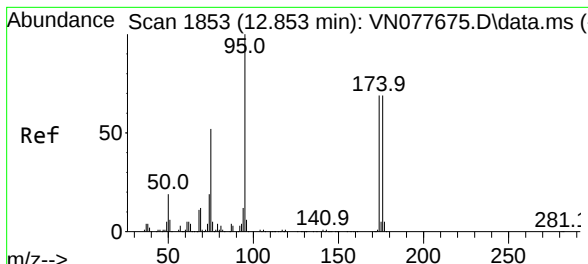
Tgt Ion:130 Resp: 258723
Ion Ratio Lower Upper
130 100
95 98.8 0.0 204.6



#50
Toluene-d8
Concen: 48.983 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077977.D
Acq: 30 May 2023 18:15

Tgt Ion: 98 Resp: 851208
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0

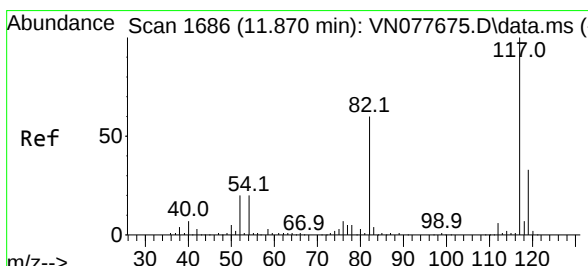
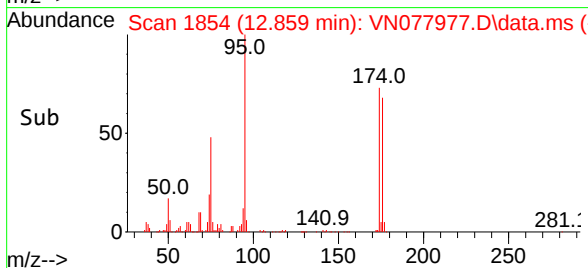
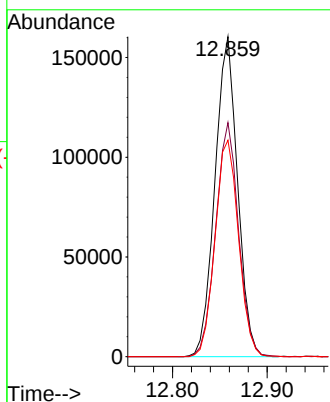
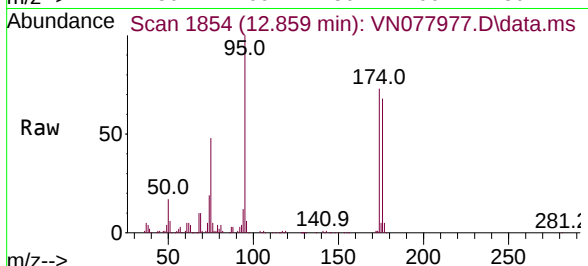




#62
4-Bromofluorobenzene
Concen: 43.414 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077977.D
Acq: 30 May 2023 18:15

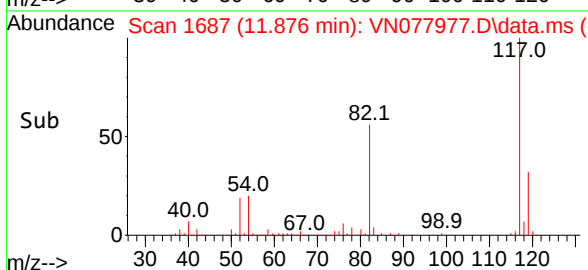
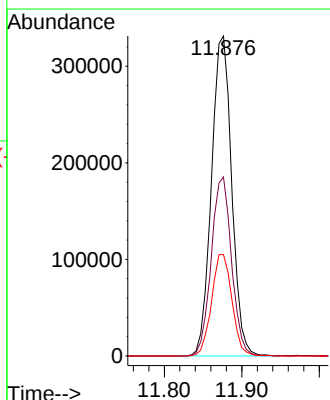
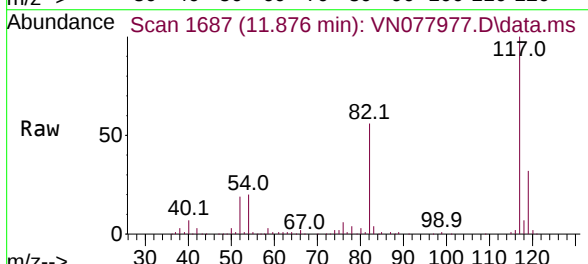
Instrument :
MSVOA_N
ClientSampleId :
MW04BR-20230523

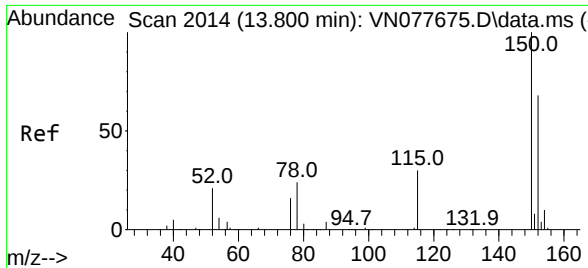
Tgt Ion:	95	Resp:	266452
Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	143.8
176	70.2	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN077977.D
Acq: 30 May 2023 18:15

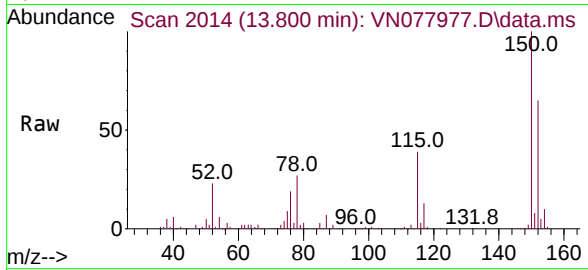
Tgt Ion:	117	Resp:	600566
Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.0	66.0
119	31.7	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077977.D
 Acq: 30 May 2023 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 MW04BR-20230523



Tgt Ion:152 Resp: 179631

Ion	Ratio	Lower	Upper
152	100		
115	62.2	32.3	96.8
150	152.8	0.0	355.8

