

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077055.D
 Acq On : 18 Mar 2023 00:15
 Operator : JC\MD
 Sample : 01941-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT162S1-20230314

Quant Time: Mar 18 02:38:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

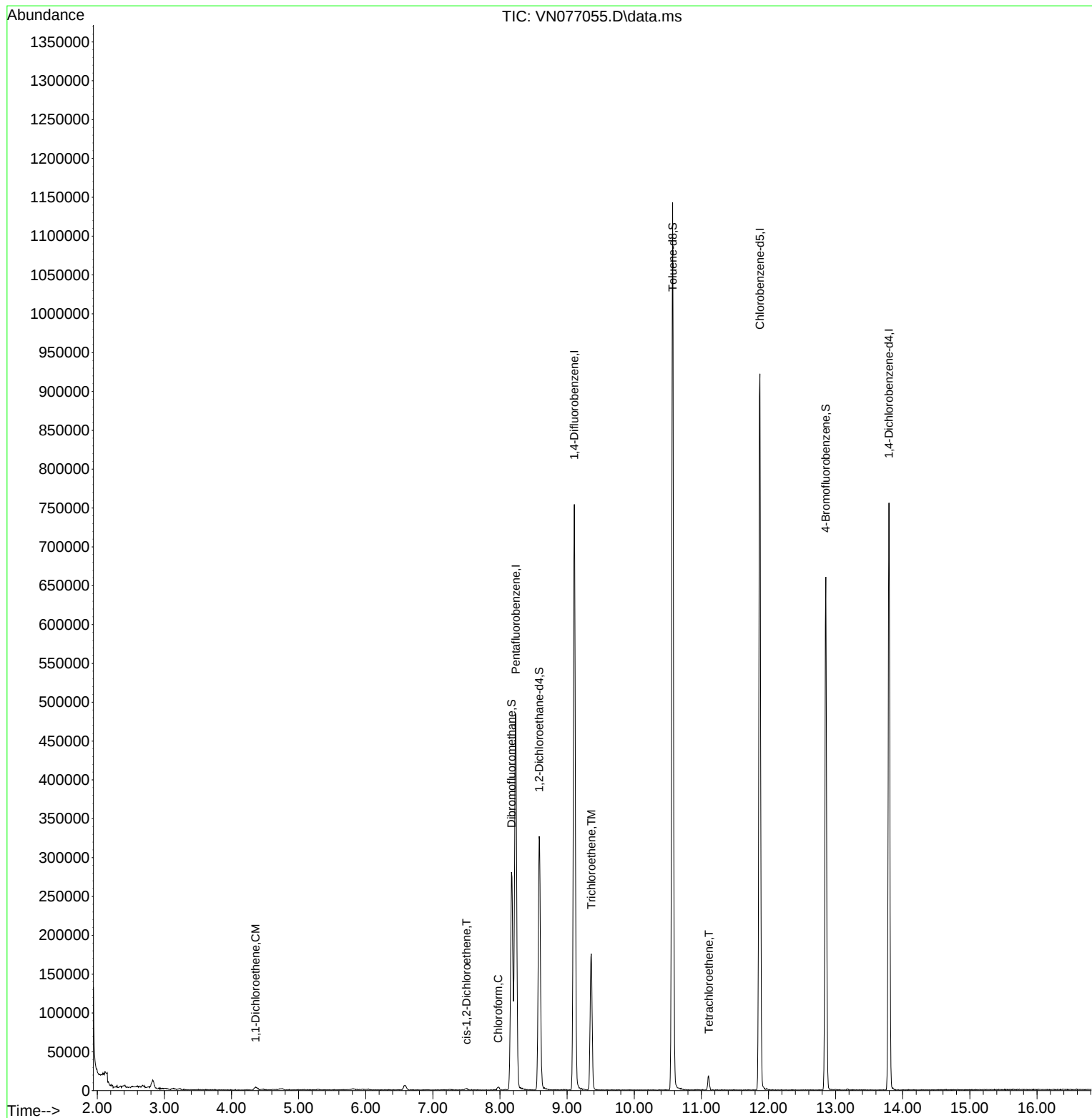
Internal Standards						
1) Pentafluorobenzene	8.237	168	331886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	613816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	516805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	189382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	270712	51.065	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.140%
35) Dibromofluoromethane	8.172	113	204267	47.519	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.040%
50) Toluene-d8	10.572	98	742459	48.352	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.700%
62) 4-Bromofluorobenzene	12.854	95	225691	41.594	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.180%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.360	96	2227	0.553	ug/l	86
27) cis-1,2-Dichloroethene	7.501	96	1357	0.271	ug/l	68
30) Chloroform	7.972	83	3636	0.405	ug/l	88
44) Trichloroethene	9.360	130	61645	13.180	ug/l	91
64) Tetrachloroethene	11.113	164	3907	1.126	ug/l #	76

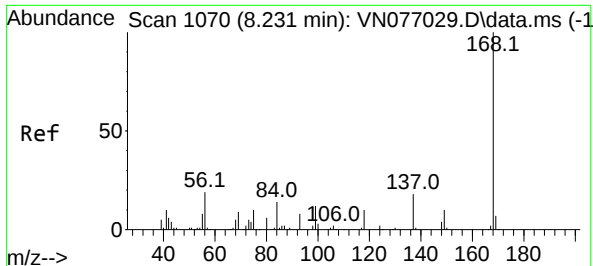
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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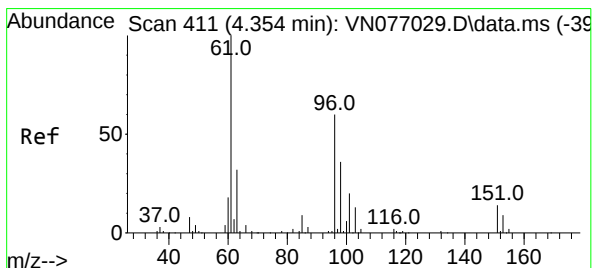
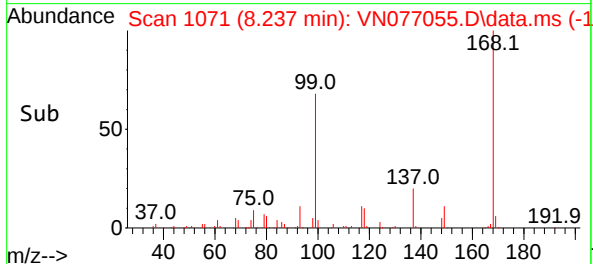
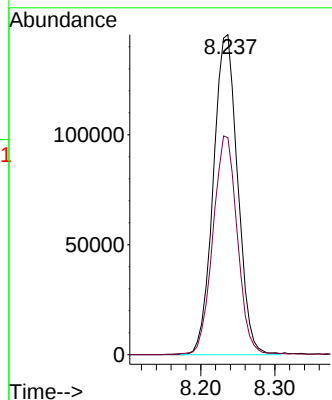
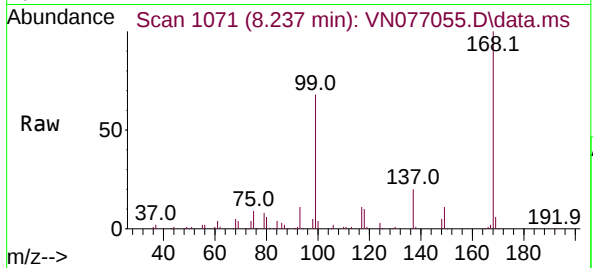




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.237 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

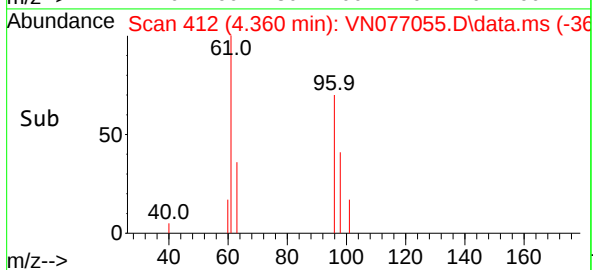
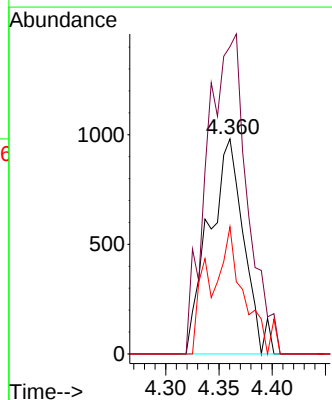
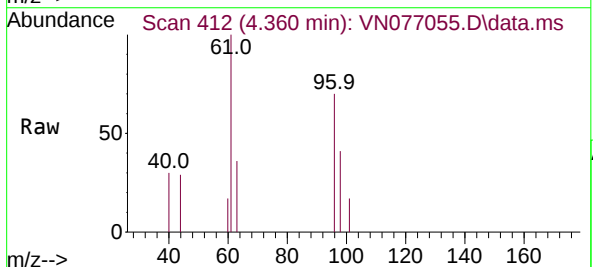
Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20230314

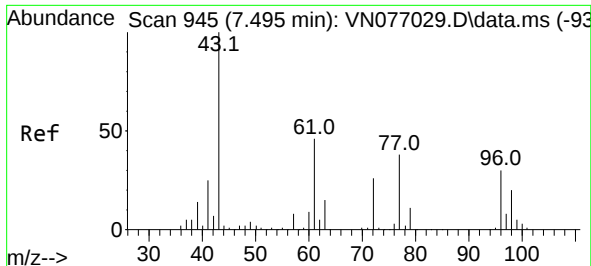
Tgt Ion:168 Resp: 331886
Ion Ratio Lower Upper
168 100
99 67.5 53.9 80.9



#12
1,1-Dichloroethene
Concen: 0.553 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

Tgt Ion: 96 Resp: 2227
Ion Ratio Lower Upper
96 100
61 142.9 133.8 200.8
98 59.1 48.6 72.8



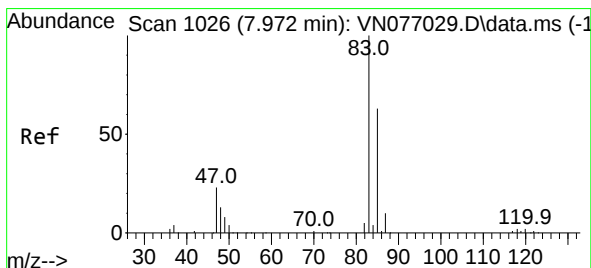
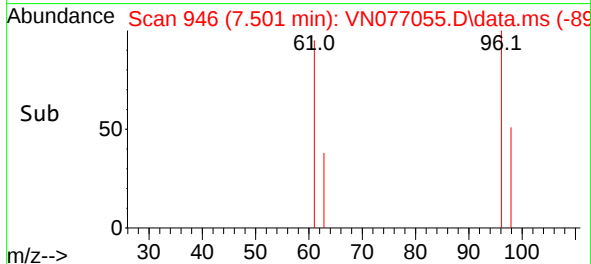
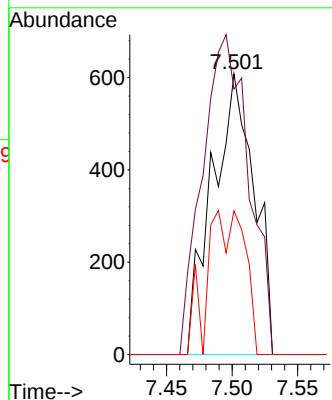
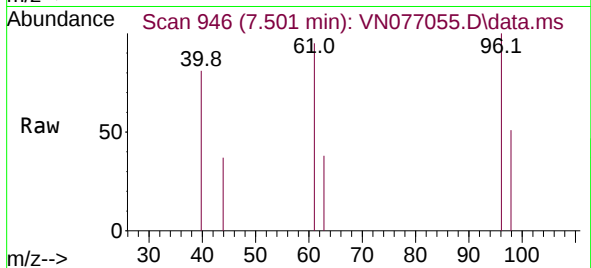


#27
 cis-1,2-Dichloroethene
 Concen: 0.271 ug/l
 RT: 7.501 min Scan# 945
 Delta R.T. 0.006 min
 Lab File: VN077055.D
 Acq: 18 Mar 2023 00:15

Instrument :
 MSVOA_N
 ClientSampleId :
 TT162S1-20230314

Tgt Ion: 96 Resp: 1357

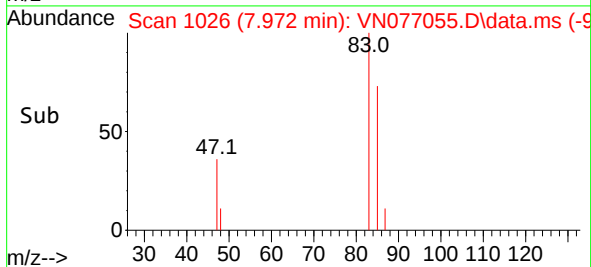
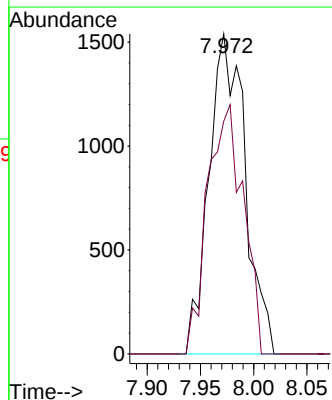
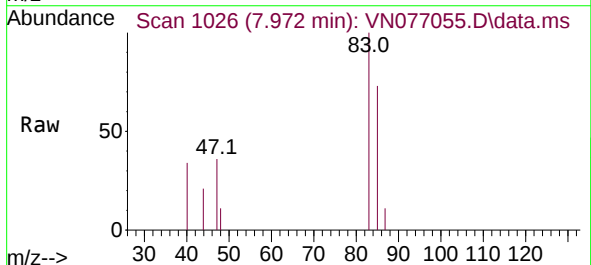
Ion	Ratio	Lower	Upper
96	100		
61	125.6	0.0	315.4
98	26.2	0.0	128.6

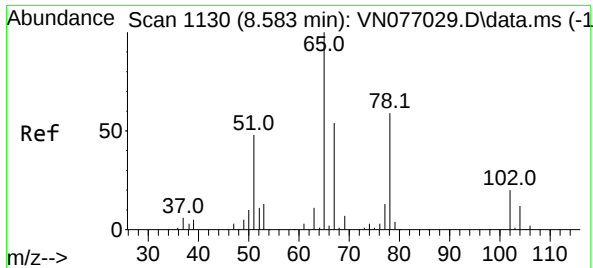


#30
 Chloroform
 Concen: 0.405 ug/l
 RT: 7.972 min Scan# 1026
 Delta R.T. 0.000 min
 Lab File: VN077055.D
 Acq: 18 Mar 2023 00:15

Tgt Ion: 83 Resp: 3636

Ion	Ratio	Lower	Upper
83	100		
85	72.7	50.6	75.8

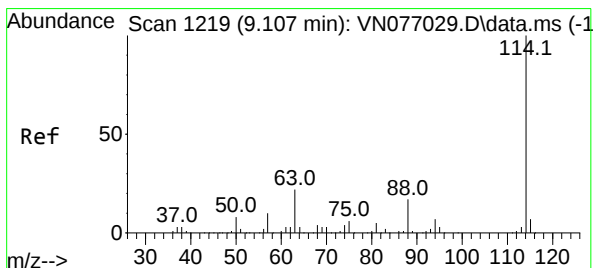
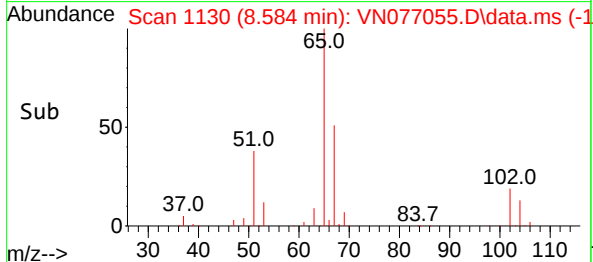
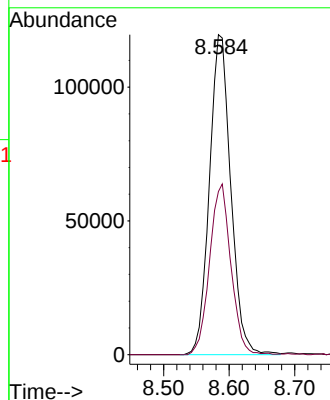
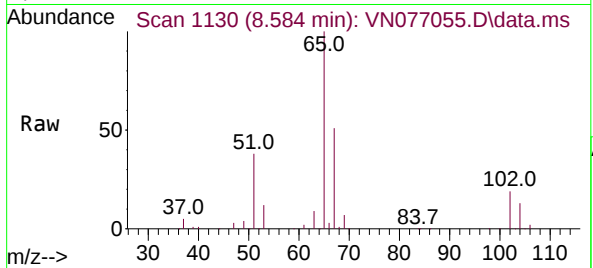




#33
 1,2-Dichloroethane-d4
 Concen: 51.065 ug/l
 RT: 8.584 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VN077055.D
 Acq: 18 Mar 2023 00:15

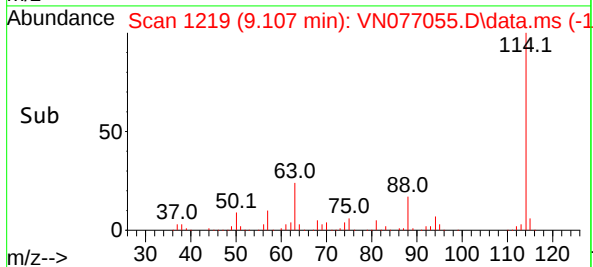
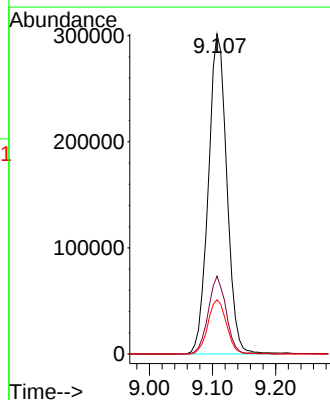
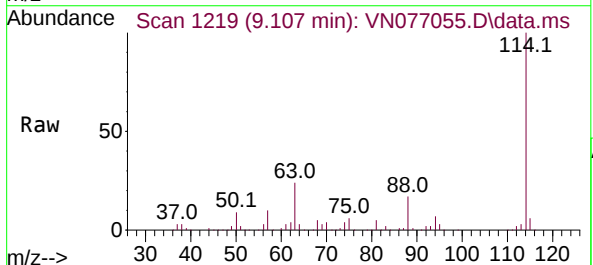
Instrument :
 MSVOA_N
 ClientSampleId :
 TT162S1-20230314

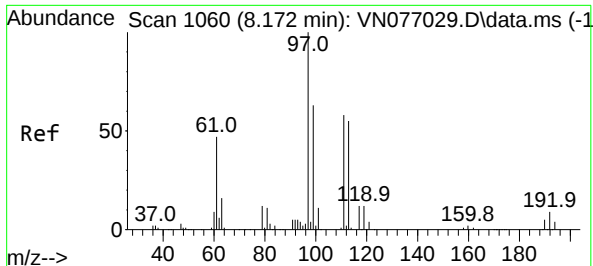
Tgt Ion: 65 Resp: 270712
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VN077055.D
 Acq: 18 Mar 2023 00:15

Tgt Ion: 114 Resp: 613816
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 44.6
 88 17.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.519 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077055.D

Acq: 18 Mar 2023 00:15

Instrument :

MSVOA_N

ClientSampleId :

TT162S1-20230314

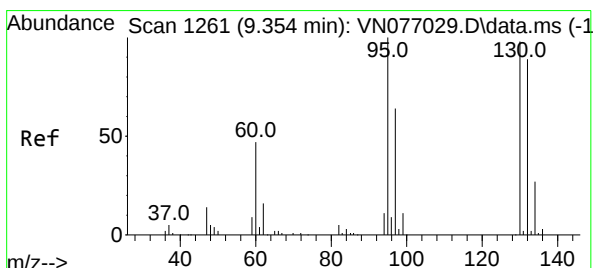
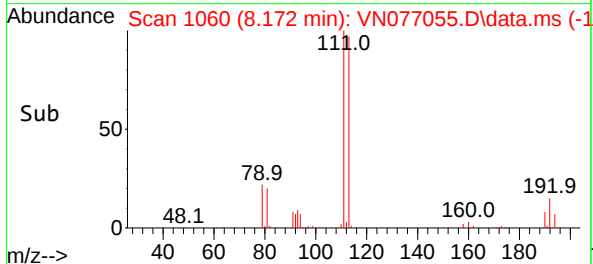
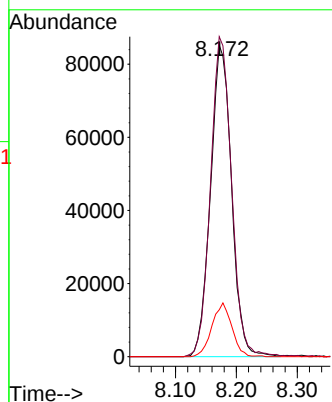
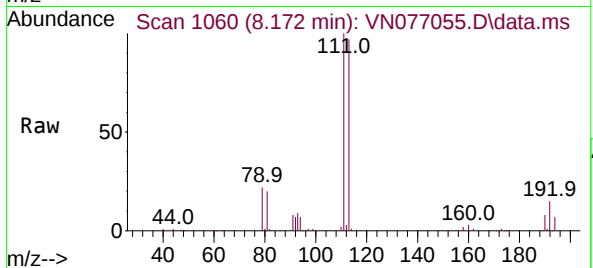
Tgt Ion:113 Resp: 204267

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

192 16.4 13.0 19.6



#44

Trichloroethene

Concen: 13.180 ug/l

RT: 9.360 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VN077055.D

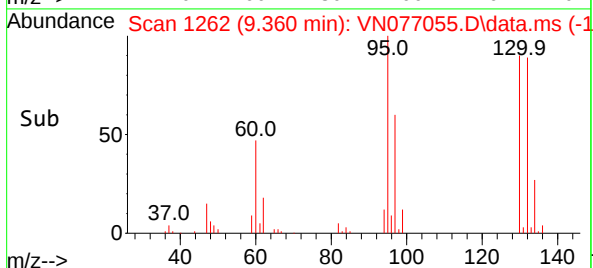
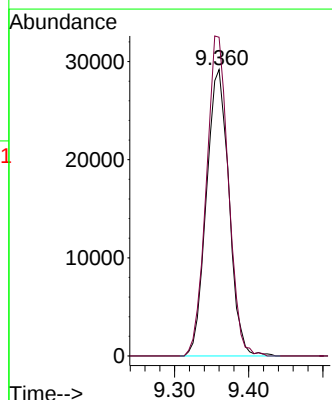
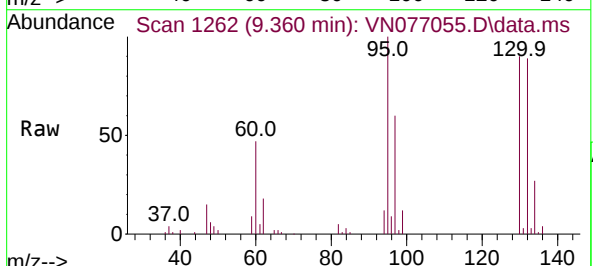
Acq: 18 Mar 2023 00:15

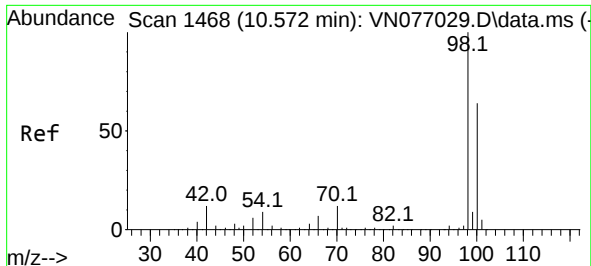
Tgt Ion:130 Resp: 61645

Ion Ratio Lower Upper

130 100

95 111.3 0.0 204.4

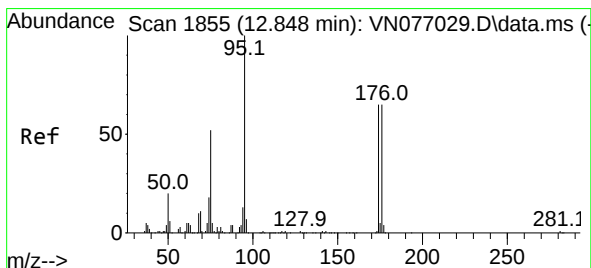
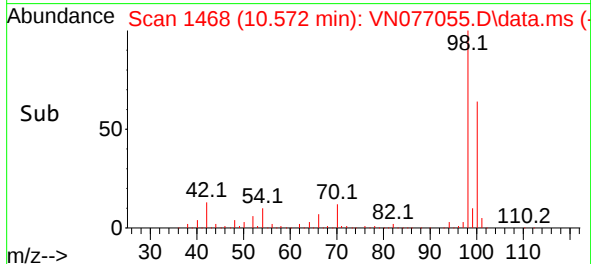
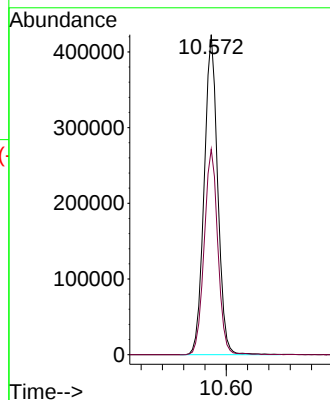
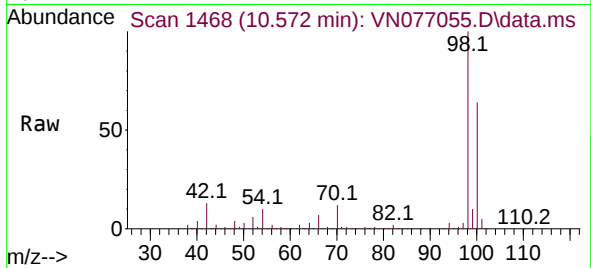




#50
Toluene-d8
Concen: 48.352 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

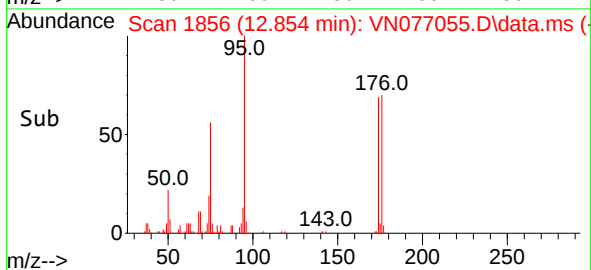
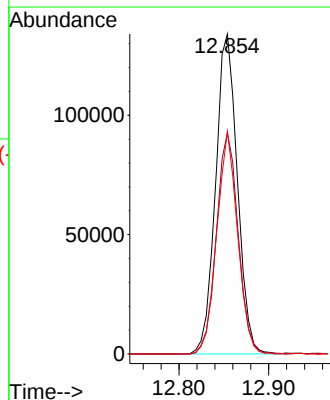
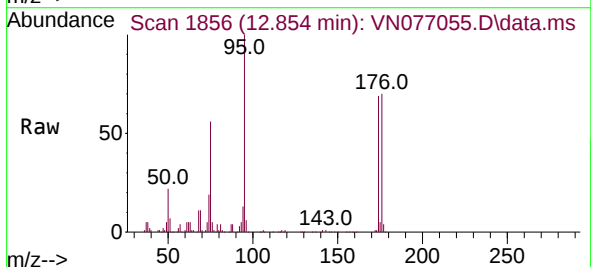
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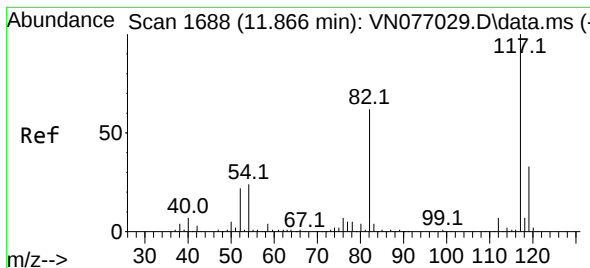
Tgt Ion: 98 Resp: 742459
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 41.594 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

Tgt Ion: 95 Resp: 225691
Ion Ratio Lower Upper
95 100
174 69.1 0.0 136.6
176 66.4 0.0 130.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.872 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077055.D

Acq: 18 Mar 2023 00:15

Instrument :

MSVOA_N

ClientSampleId :

TT162S1-20230314

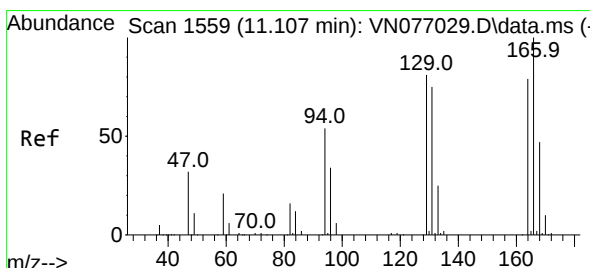
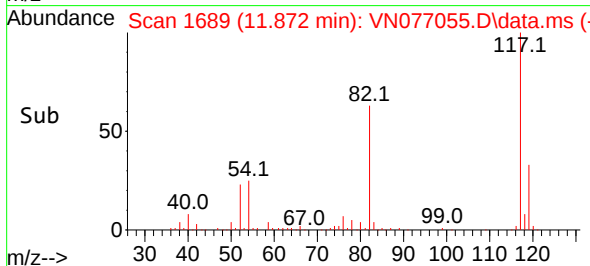
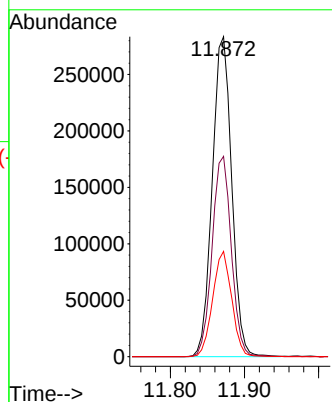
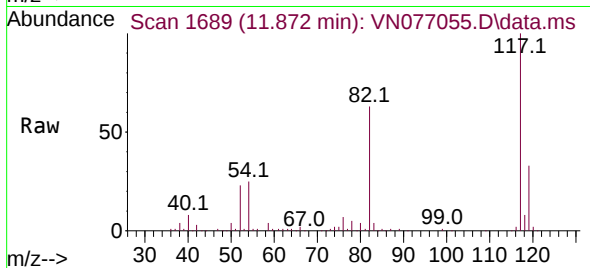
Tgt Ion:117 Resp: 516805

Ion Ratio Lower Upper

117 100

82 62.6 49.4 74.0

119 32.9 26.5 39.7



#64

Tetrachloroethene

Concen: 1.126 ug/l

RT: 11.113 min Scan# 1560

Delta R.T. 0.006 min

Lab File: VN077055.D

Acq: 18 Mar 2023 00:15

Tgt Ion:164 Resp: 3907

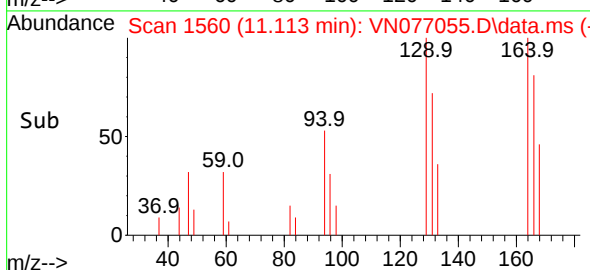
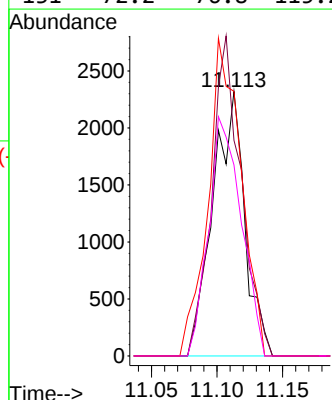
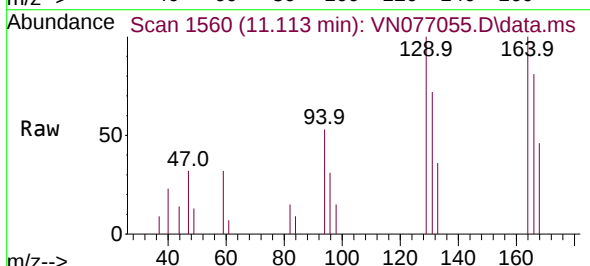
Ion Ratio Lower Upper

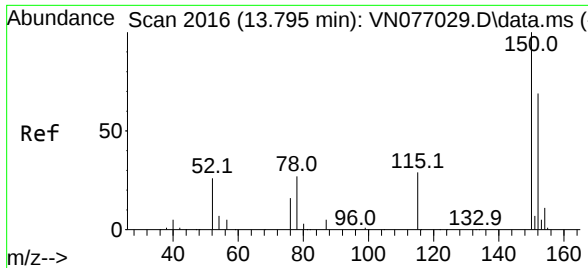
164 100

166 81.6 101.9 152.9#

129 100.1 82.6 123.8

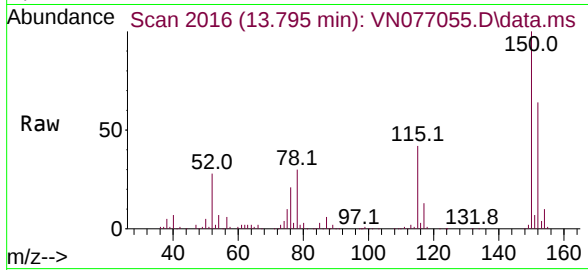
131 72.2 76.8 115.2#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN077055.D
 Acq: 18 Mar 2023 00:15

Instrument :
 MSVOA_N
 ClientSampleId :
 TT162S1-20230314



Tgt Ion:152 Resp: 189382

Ion	Ratio	Lower	Upper
152	100		
115	64.3	31.9	95.7
150	157.5	0.0	348.0

