

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
 Data File : VN079243.D
 Acq On : 12 Sep 2023 18:24
 Operator : JC\MD
 Sample : 04327-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BR-01-170-090623

Quant Time: Sep 13 01:35:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

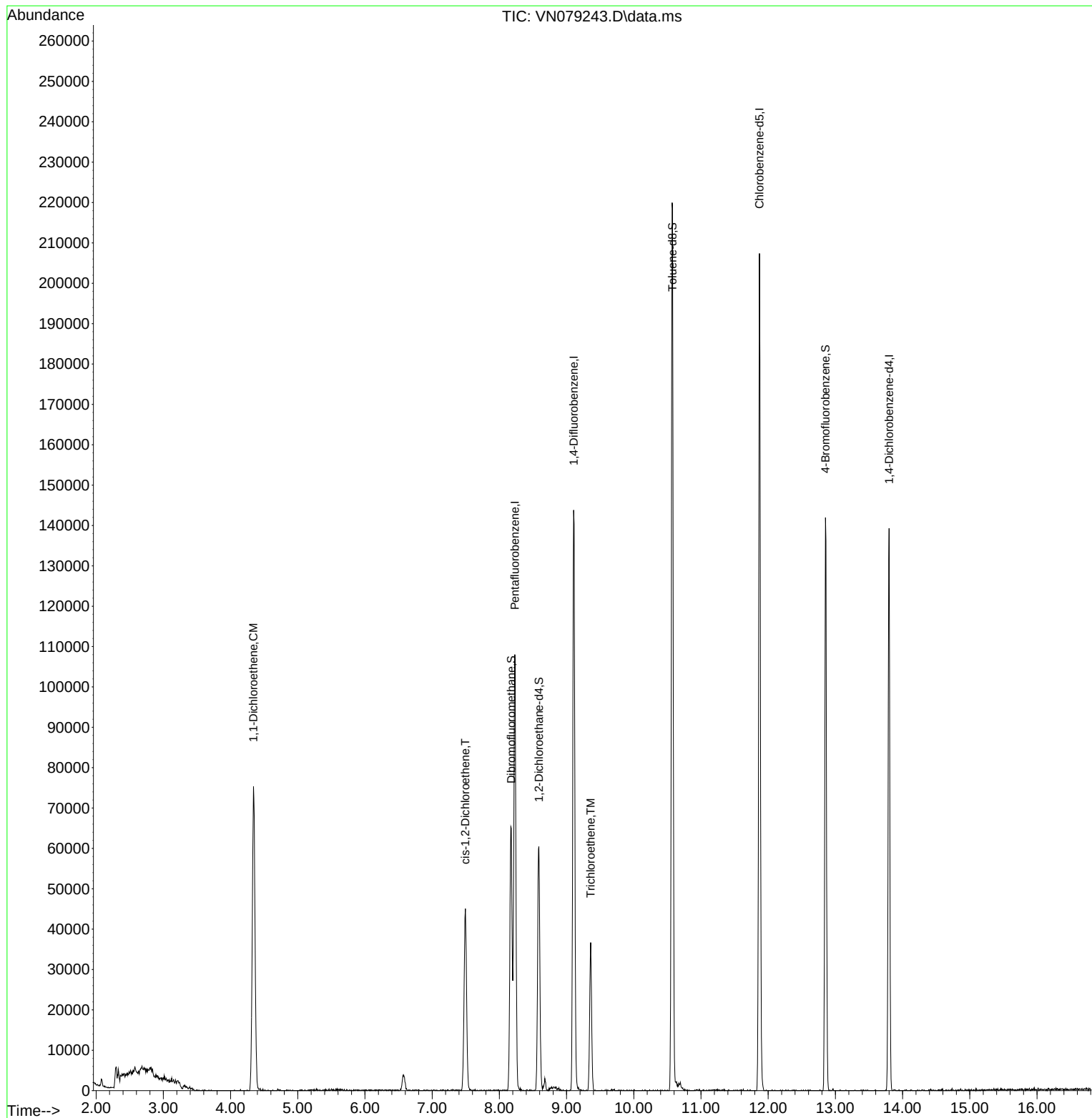
Internal Standards						
1) Pentafluorobenzene	8.230	168	81509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	130454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	123118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	39952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	55911	50.815	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.620%	
35) Dibromofluoromethane	8.177	113	47309	54.519	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.040%	
50) Toluene-d8	10.576	98	162805	51.096	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	12.853	95	51565	50.735	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.480%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.342	96	45865	52.759	ug/l	89
27) cis-1,2-Dichloroethene	7.494	96	28299	24.541	ug/l	97
44) Trichloroethene	9.359	130	13786	13.668	ug/l	94

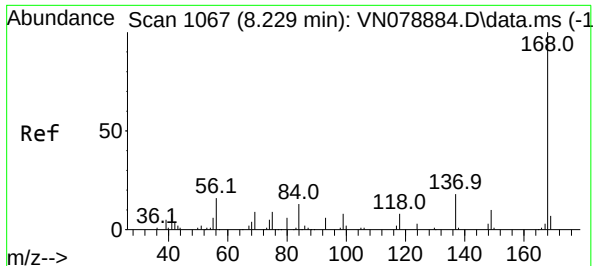
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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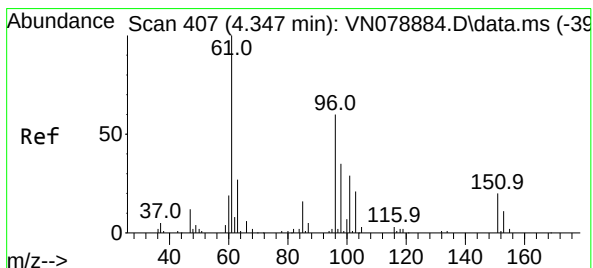
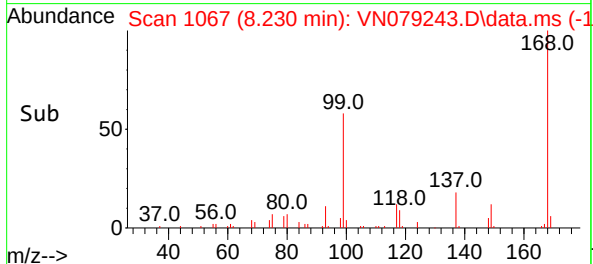
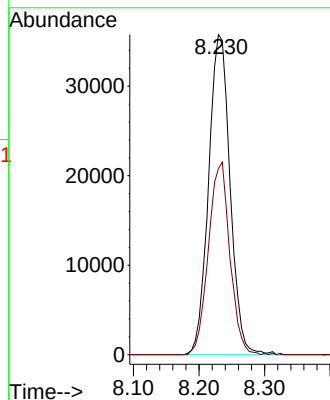
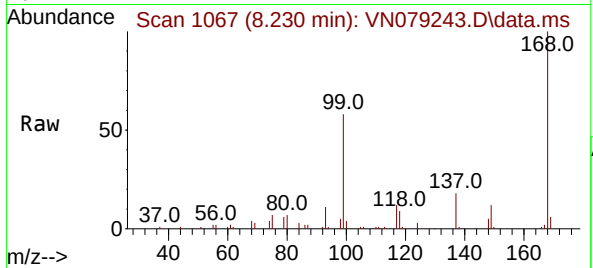




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079243.D
Acq: 12 Sep 2023 18:24

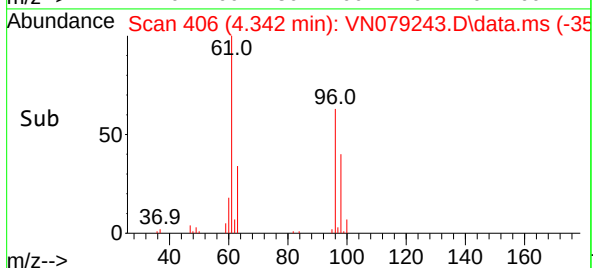
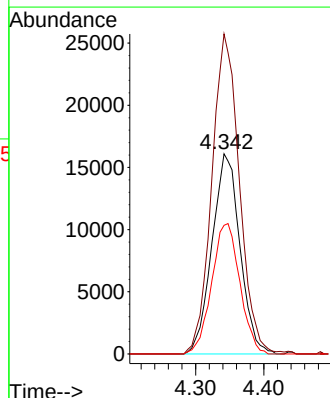
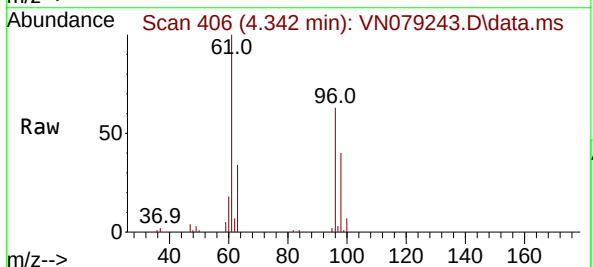
Instrument :
MSVOA_N
ClientSampleId :
BR-01-170-090623

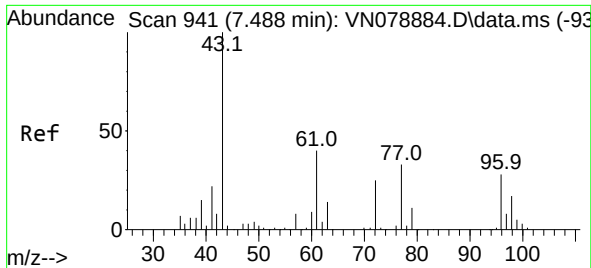
Tgt Ion:168 Resp: 81509
Ion Ratio Lower Upper
168 100
99 58.2 53.0 79.6



#12
1,1-Dichloroethene
Concen: 52.759 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079243.D
Acq: 12 Sep 2023 18:24

Tgt Ion: 96 Resp: 45865
Ion Ratio Lower Upper
96 100
61 159.9 112.7 169.1
98 64.3 51.2 76.8

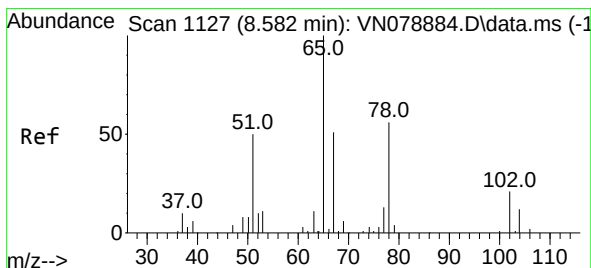
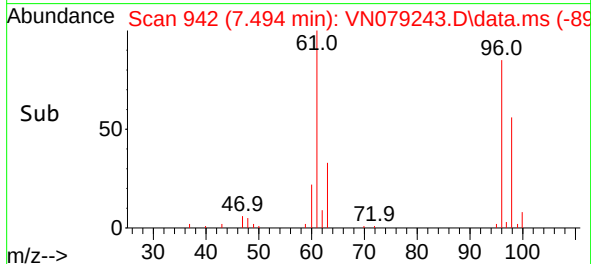
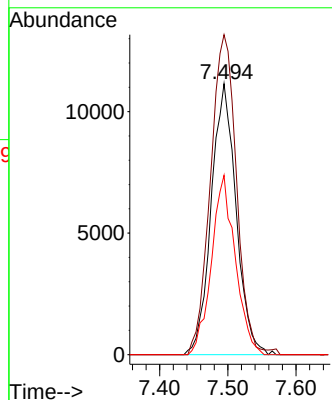
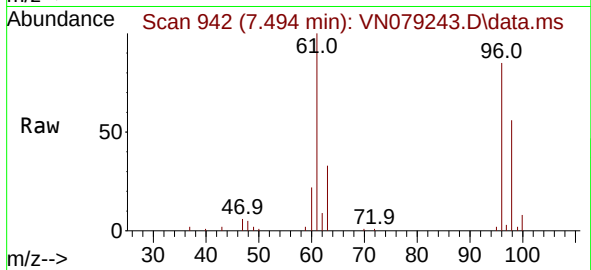




#27
cis-1,2-Dichloroethene
Concen: 24.541 ug/l
RT: 7.494 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079243.D
Acq: 12 Sep 2023 18:24

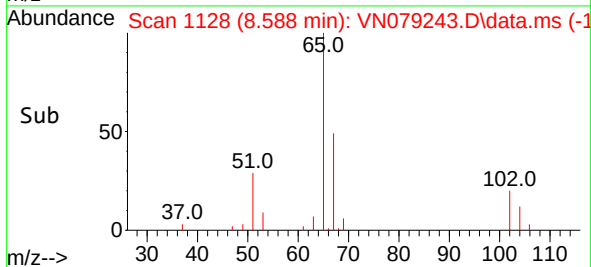
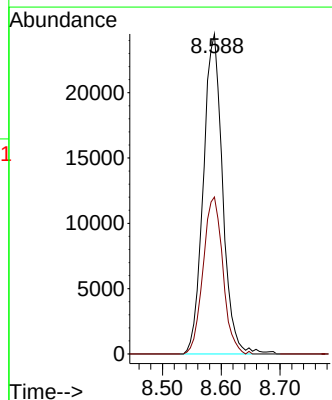
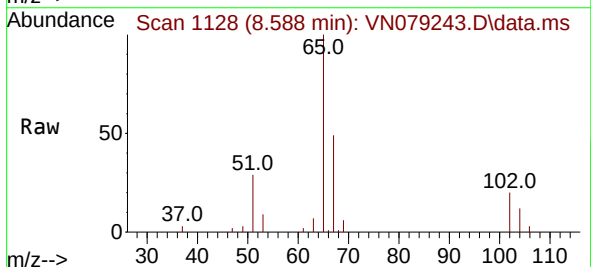
Instrument :
MSVOA_N
ClientSampleId :
BR-01-170-090623

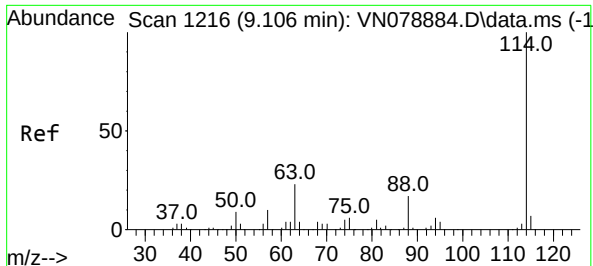
Tgt Ion: 96 Resp: 28299
Ion Ratio Lower Upper
96 100
61 123.8 0.0 255.2
98 63.3 0.0 128.8



#33
1,2-Dichloroethane-d4
Concen: 50.815 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079243.D
Acq: 12 Sep 2023 18:24

Tgt Ion: 65 Resp: 55911
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079243.D

Acq: 12 Sep 2023 18:24

Instrument :

MSVOA_N

ClientSampleId :

BR-01-170-090623

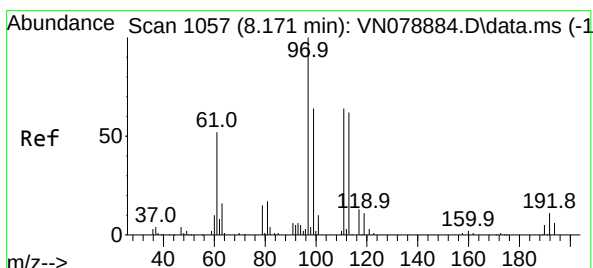
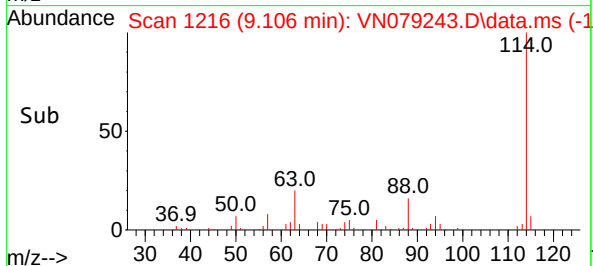
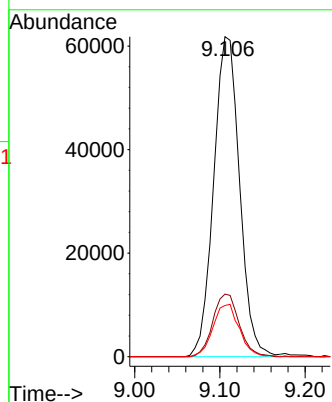
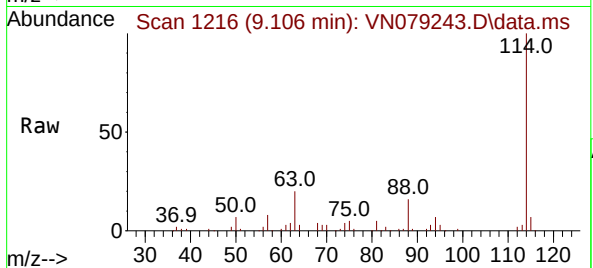
Tgt Ion:114 Resp: 130454

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.519 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079243.D

Acq: 12 Sep 2023 18:24

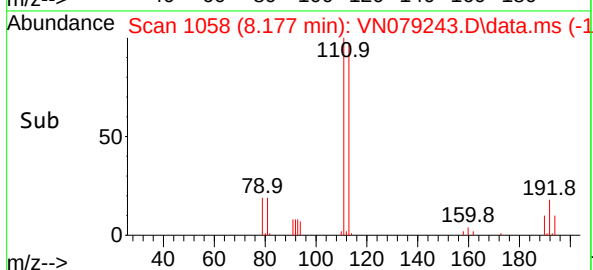
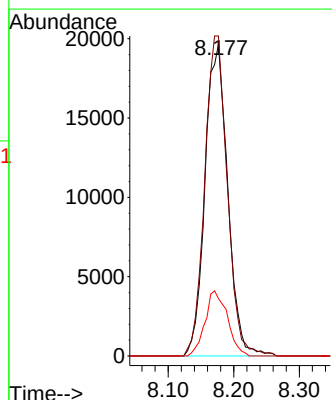
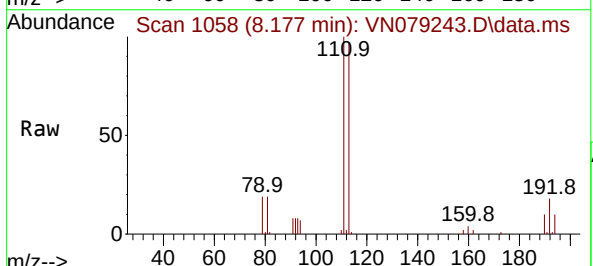
Tgt Ion:113 Resp: 47309

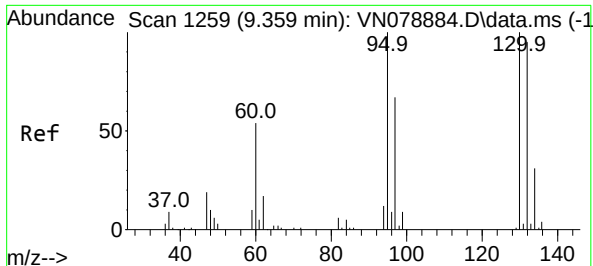
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 20.5 12.7 19.1#

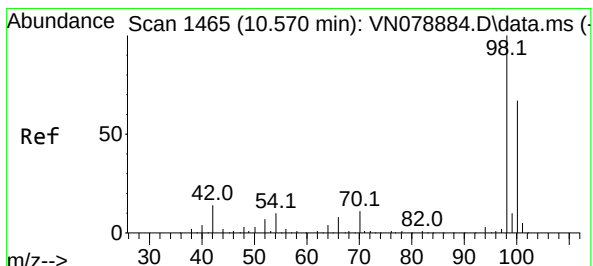
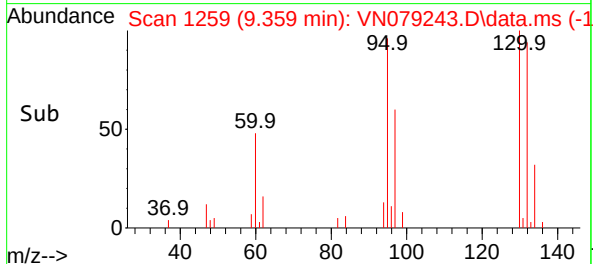
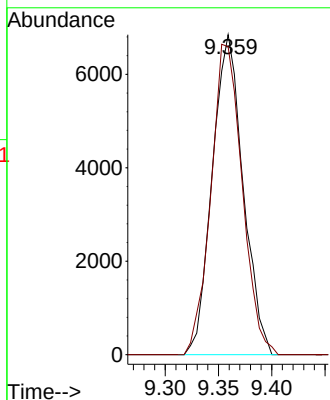
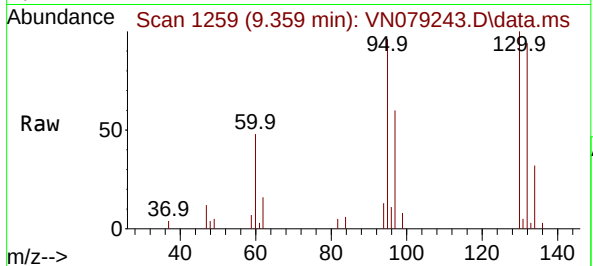




#44
Trichloroethene
Concen: 13.668 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079243.D
Acq: 12 Sep 2023 18:24

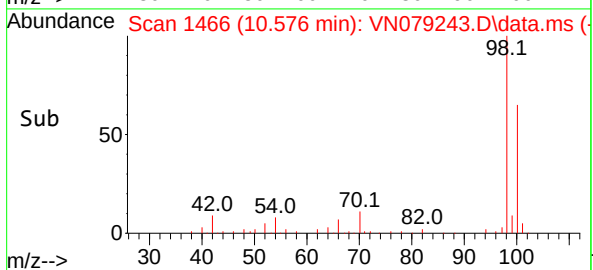
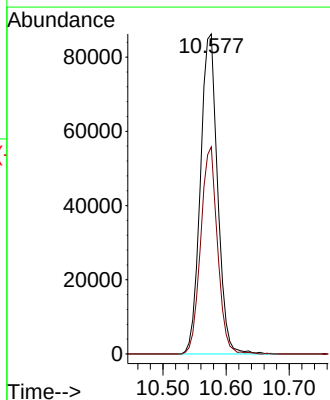
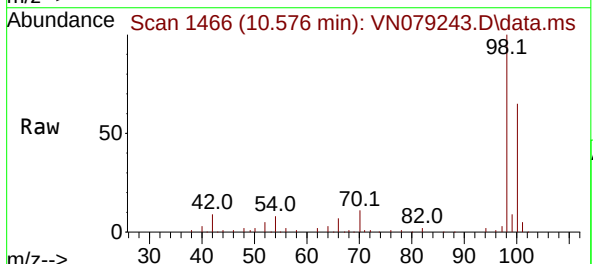
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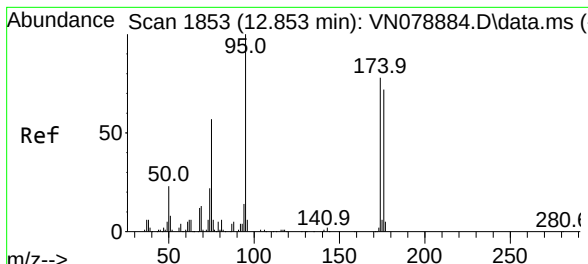
Tgt Ion:130 Resp: 13786
Ion Ratio Lower Upper
130 100
95 96.2 0.0 204.6



#50
Toluene-d8
Concen: 51.096 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN079243.D
Acq: 12 Sep 2023 18:24

Tgt Ion: 98 Resp: 162805
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0

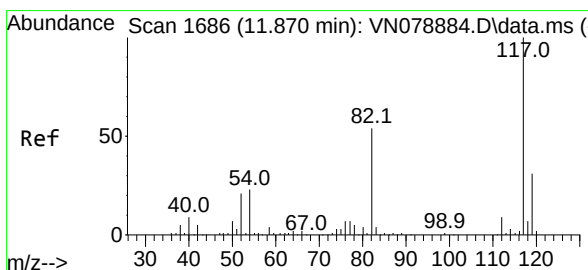
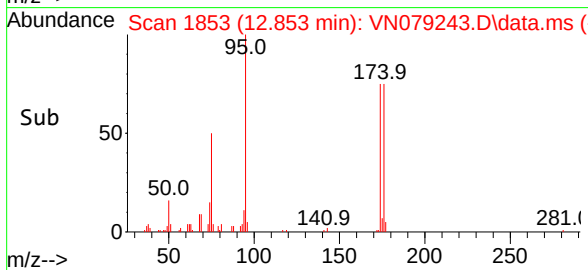
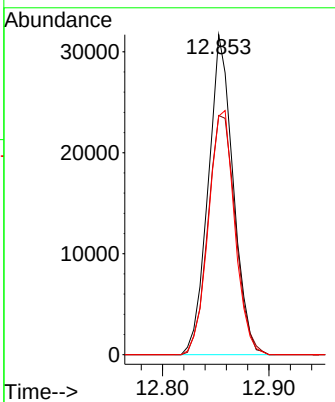
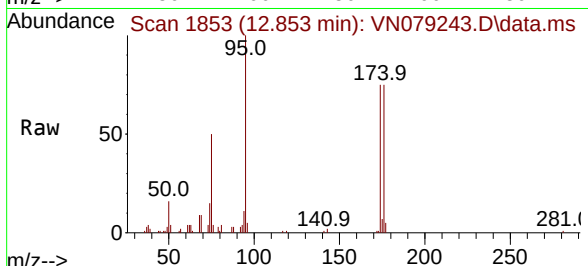




#62
 4-Bromofluorobenzene
 Concen: 50.735 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN079243.D
 Acq: 12 Sep 2023 18:24

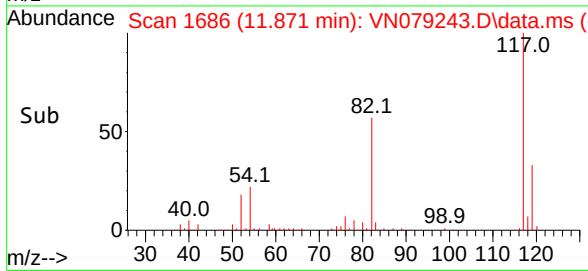
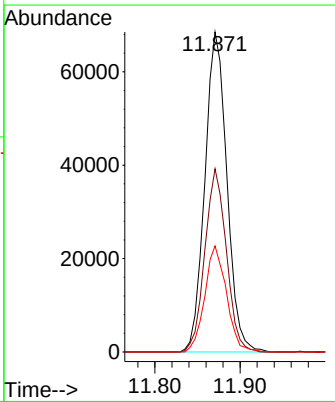
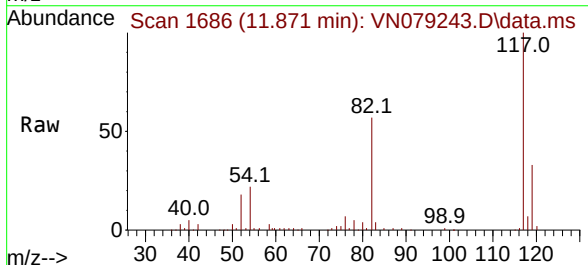
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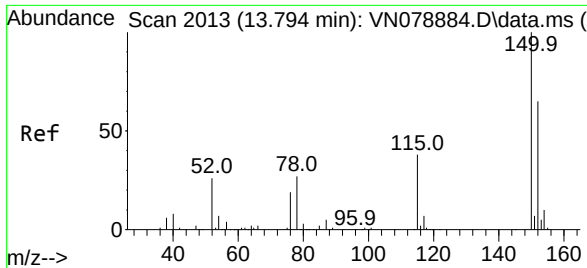
Tgt Ion:	95	Resp:	51565
Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	143.8
176	80.1	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. -0.000 min
 Lab File: VN079243.D
 Acq: 12 Sep 2023 18:24

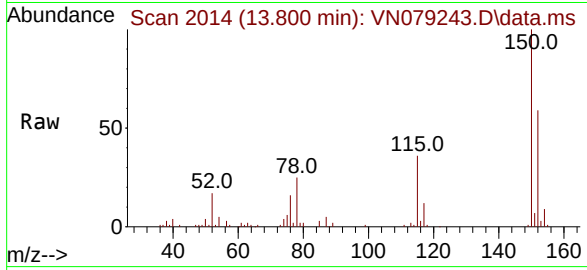
Tgt Ion:	117	Resp:	123118
Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.0	66.0
119	33.1	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079243.D
 Acq: 12 Sep 2023 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 BR-01-170-090623



Tgt Ion:	152	Resp:	39952
Ion	Ratio	Lower	Upper
152	100		
115	59.9	32.3	96.8
150	157.5	0.0	355.8

