

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079526.D
 Acq On : 11 Oct 2023 18:48
 Operator : JC\MD
 Sample : 04833-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW-11-23-26

Quant Time: Oct 12 06:13:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

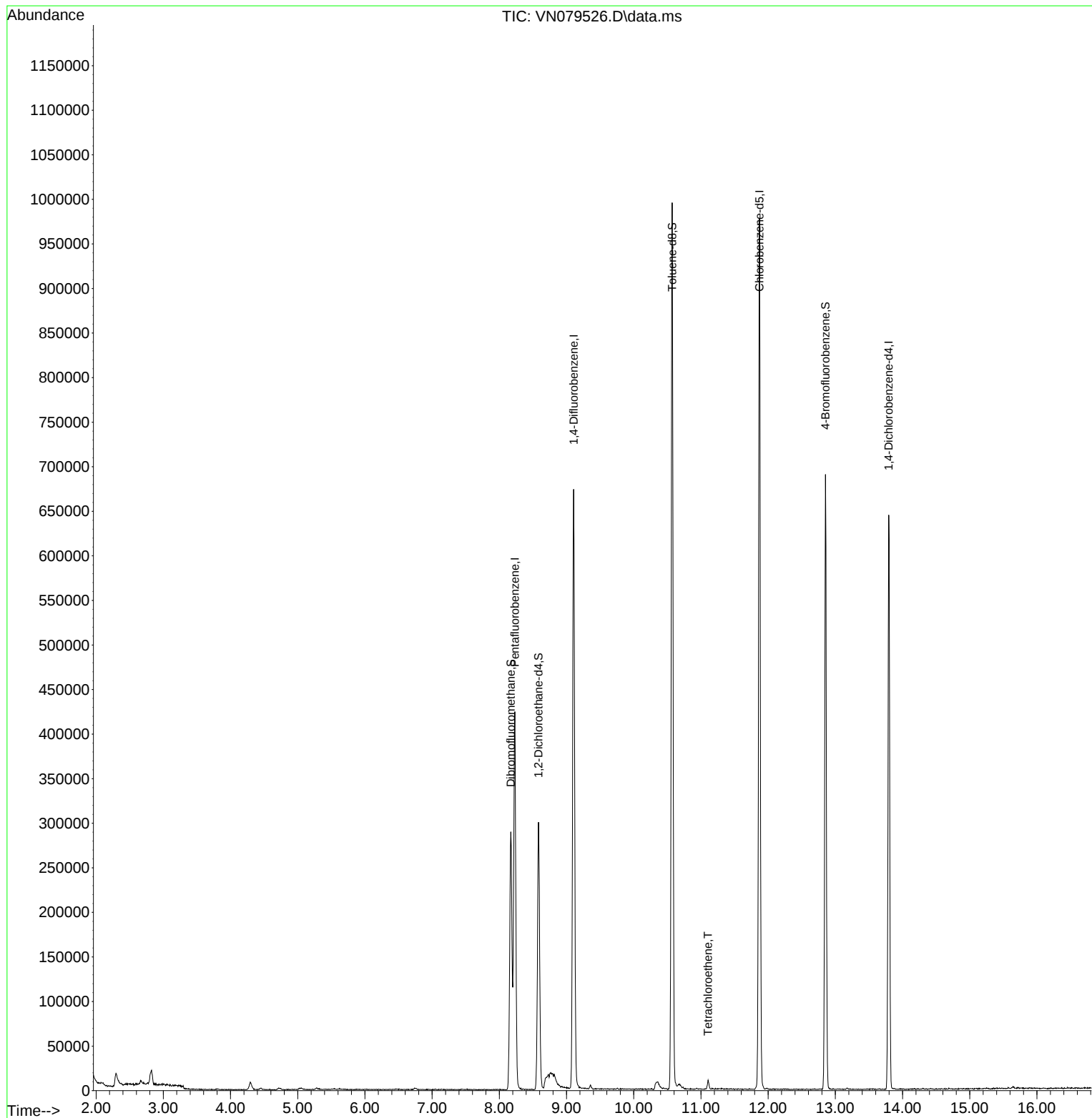
Internal Standards						
1) Pentafluorobenzene	8.230	168	294545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	572958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	543384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	166584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	236925	49.609	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.220%
35) Dibromofluoromethane	8.171	113	207255	50.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.680%
50) Toluene-d8	10.571	98	667556	44.808	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.620%
62) 4-Bromofluorobenzene	12.853	95	223653	46.778	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.560%
Target Compounds						
64) Tetrachloroethene	11.106	164	1998	0.535	ug/l	Qvalue # 64

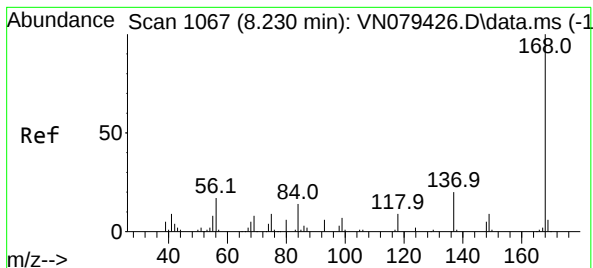
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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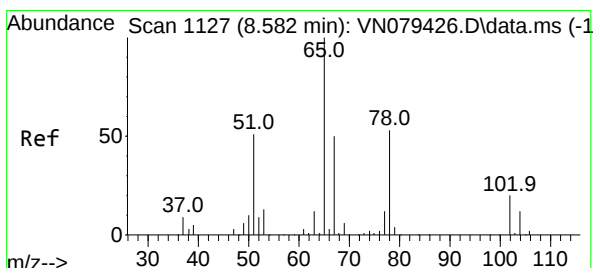
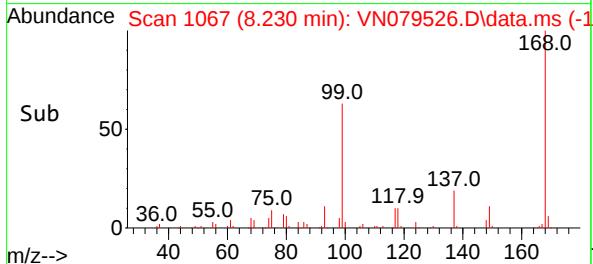
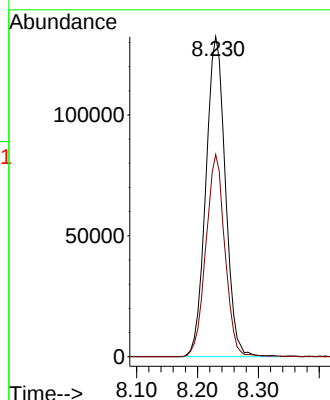
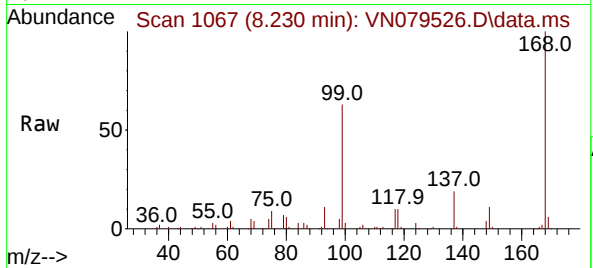




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

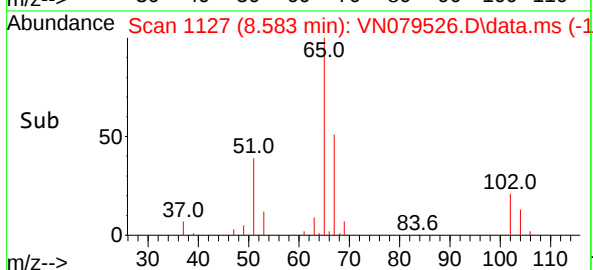
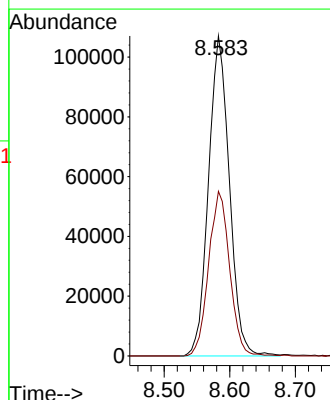
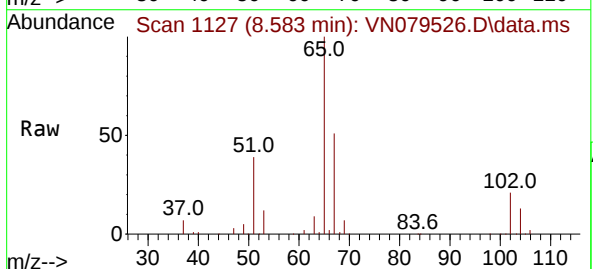
Instrument :
MSVOA_N
ClientSampleId :
GW-11-23-26

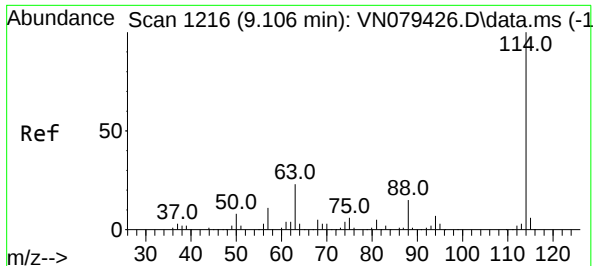
Tgt Ion:168 Resp: 294545
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.609 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

Tgt Ion: 65 Resp: 236925
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079526.D

Acq: 11 Oct 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

GW-11-23-26

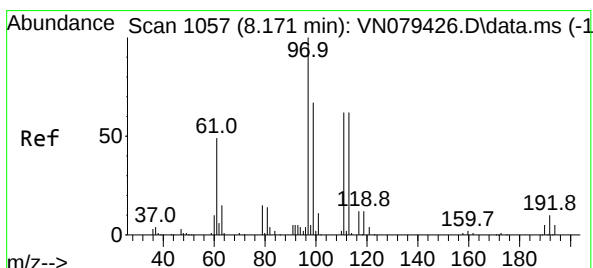
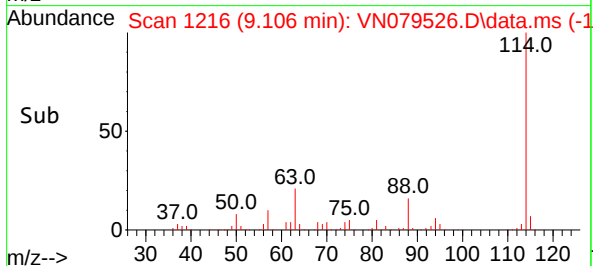
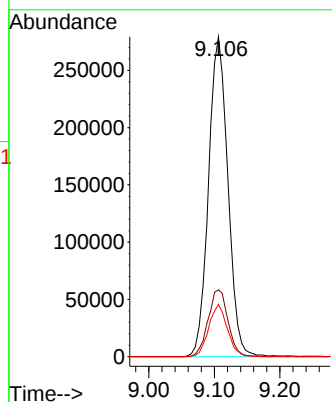
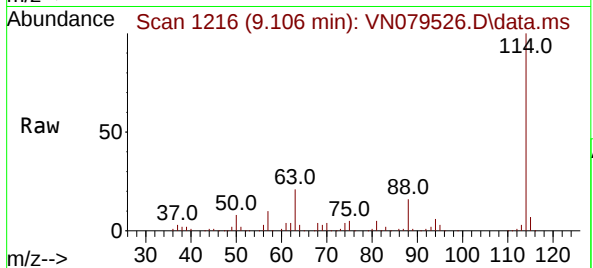
Tgt Ion:114 Resp: 572958

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.335 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079526.D

Acq: 11 Oct 2023 18:48

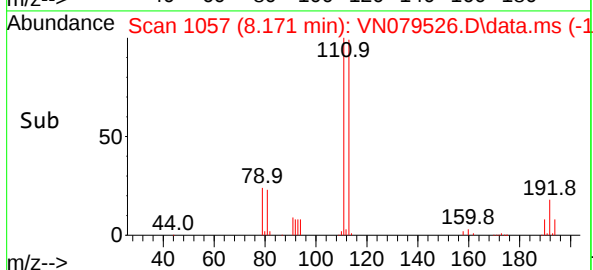
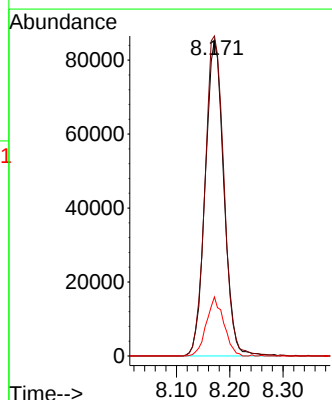
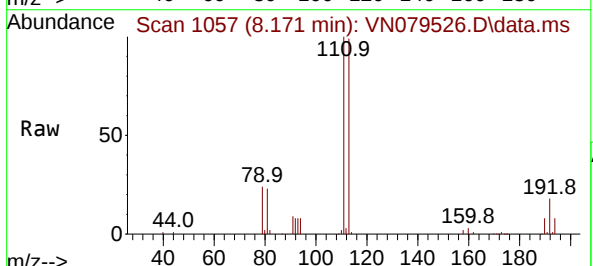
Tgt Ion:113 Resp: 207255

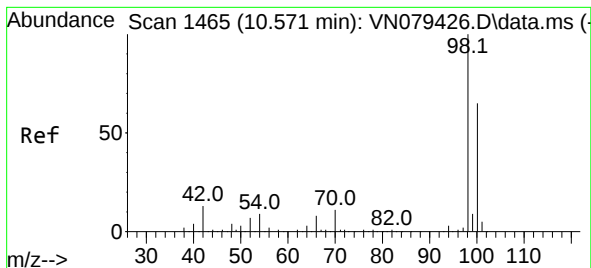
Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 17.5 12.7 19.1





#50

Toluene-d8

Concen: 44.808 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079526.D

Acq: 11 Oct 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

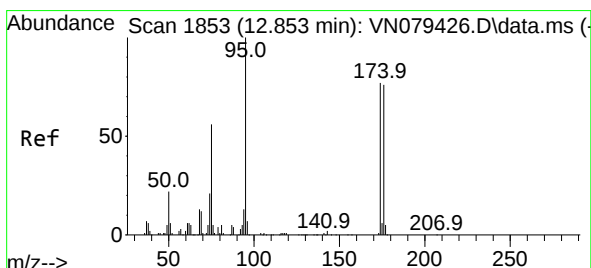
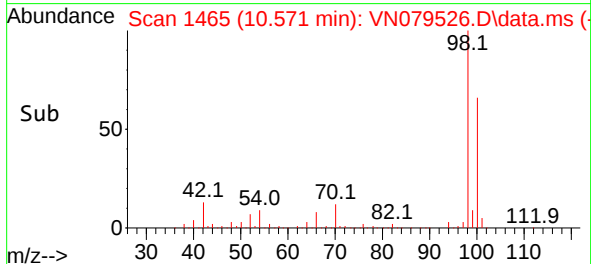
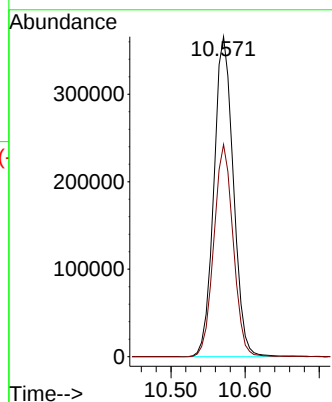
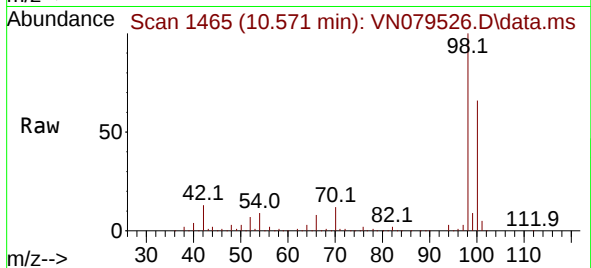
GW-11-23-26

Tgt Ion: 98 Resp: 667556

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.778 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN079526.D

Acq: 11 Oct 2023 18:48

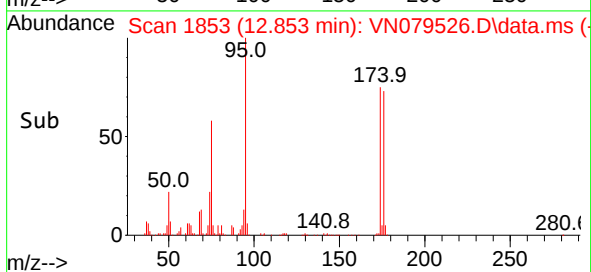
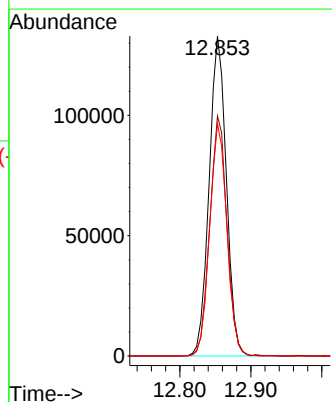
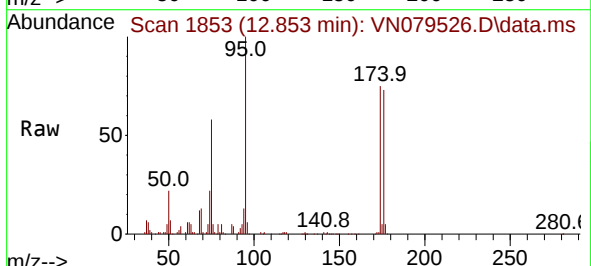
Tgt Ion: 95 Resp: 223653

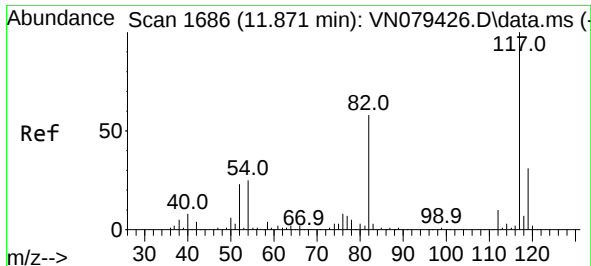
Ion Ratio Lower Upper

95 100

174 75.1 0.0 143.8

176 72.5 0.0 135.8

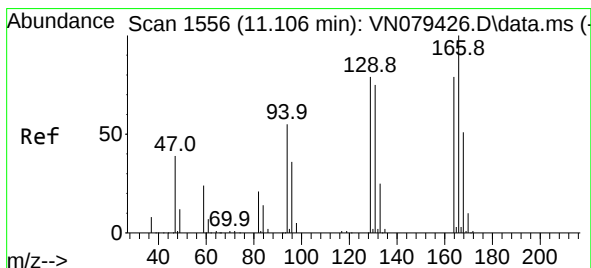
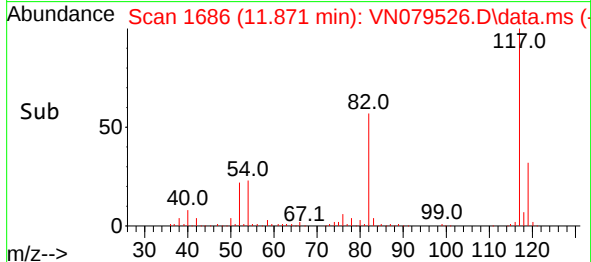
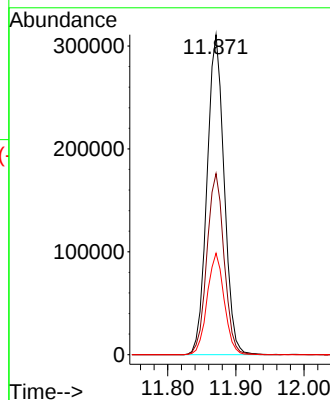
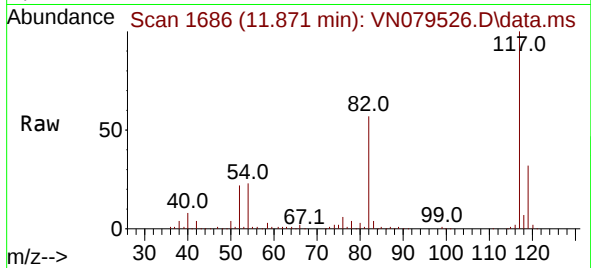




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

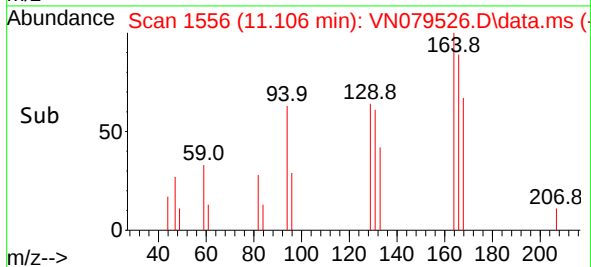
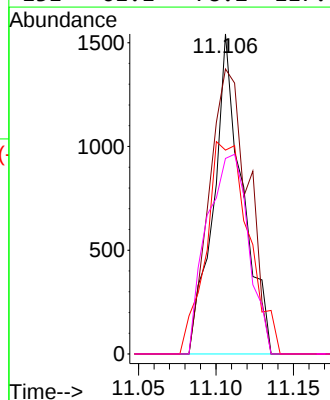
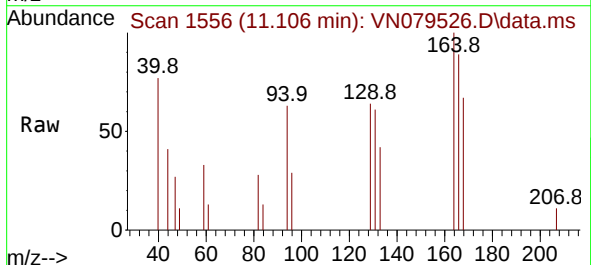
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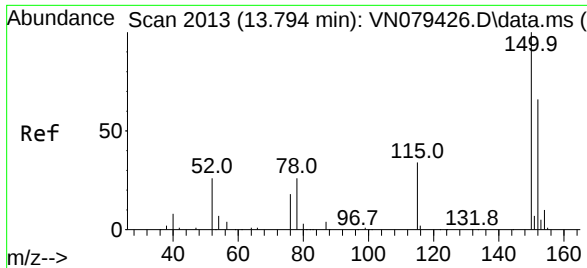
Tgt Ion:117 Resp: 543384
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 0.535 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079526.D
Acq: 11 Oct 2023 18:48

Tgt Ion:164 Resp: 1998
Ion Ratio Lower Upper
164 100
166 89.0 101.4 152.0#
129 63.7 82.4 123.6#
131 61.1 78.2 117.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN079526.D

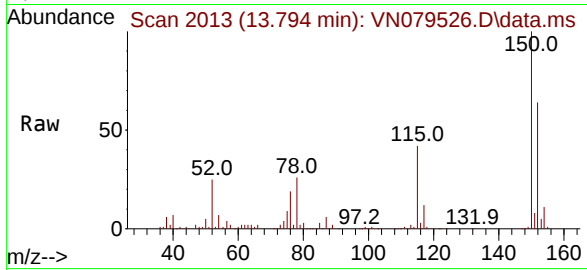
Acq: 11 Oct 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

GW-11-23-26



Tgt Ion:152 Resp: 166584

Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 157.4 0.0 355.8

