

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079700.D
 Acq On : 26 Oct 2023 17:24
 Operator : JC\MD
 Sample : 04980-02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SEWER-SLUDGE

Quant Time: Oct 27 01:23:26 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	8.224	168	267287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	503072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	495615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	200870	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	209111	48.251	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.500%
35) Dibromofluoromethane	8.165	113	184708	51.091	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.180%
50) Toluene-d8	10.571	98	601839	46.008	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.853	95	236275	56.283	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.560%

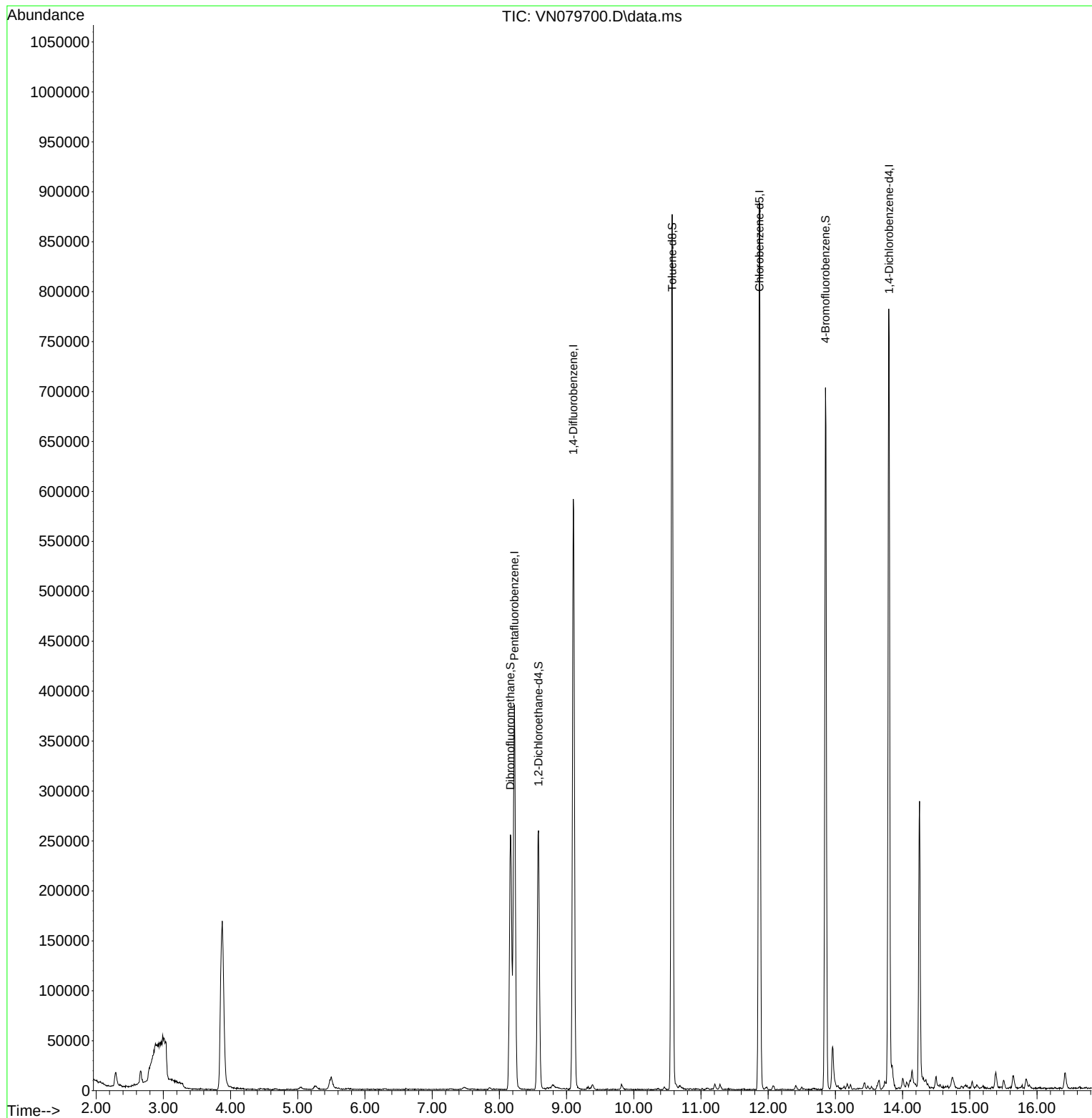
Target Compounds	Qvalue

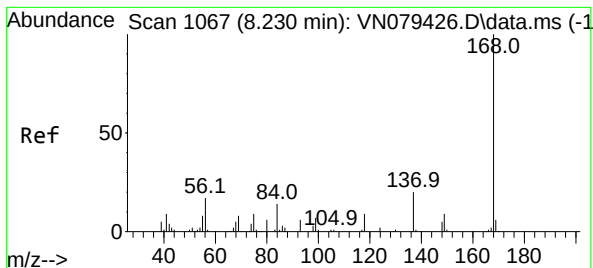
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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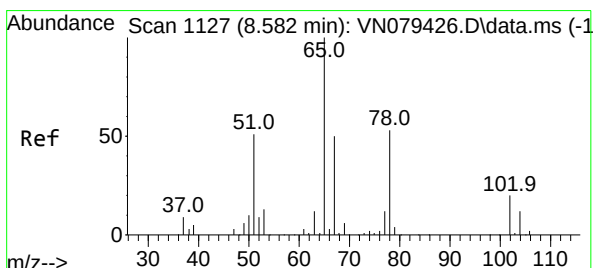
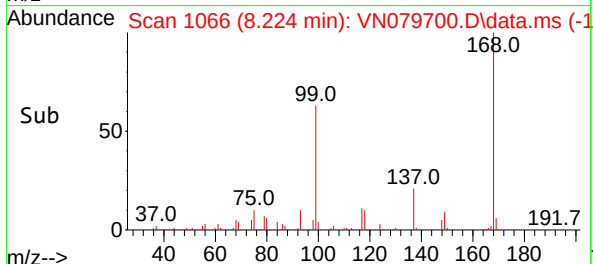
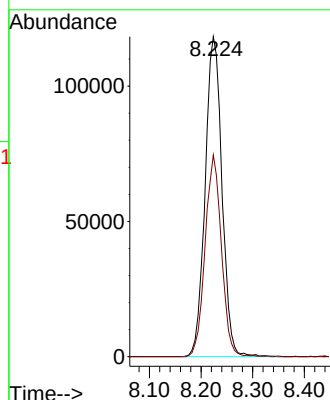
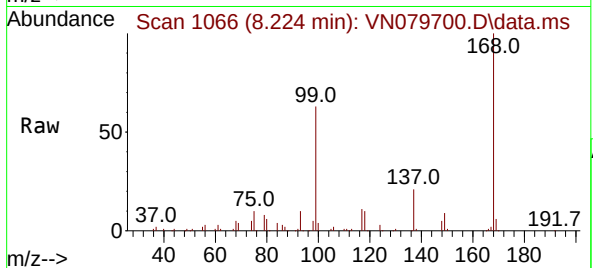




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN079700.D
Acq: 26 Oct 2023 17:24

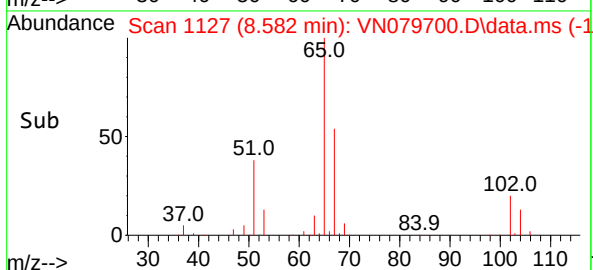
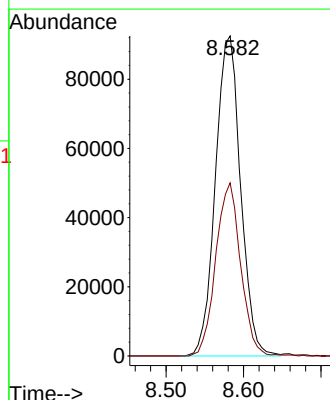
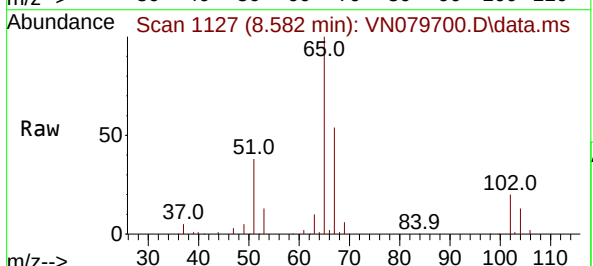
Instrument :
MSVOA_N
ClientSampleId :
SEWER-SLUDGE

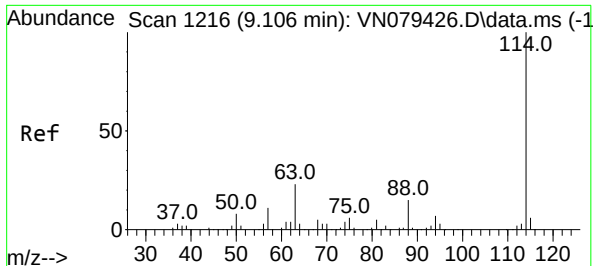
Tgt Ion:168 Resp: 267287
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.251 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079700.D
Acq: 26 Oct 2023 17:24

Tgt Ion: 65 Resp: 209111
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079700.D

Acq: 26 Oct 2023 17:24

Instrument :

MSVOA_N

ClientSampleId :

SEWER-SLUDGE

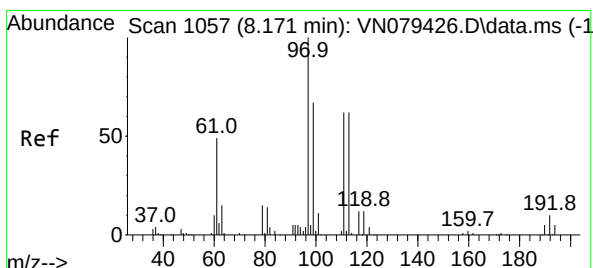
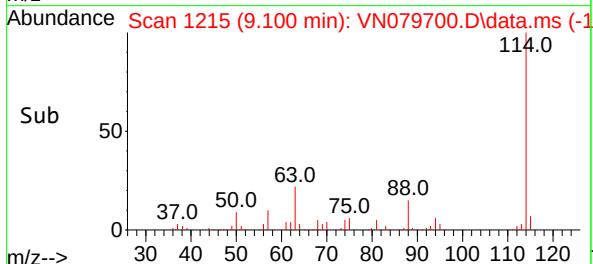
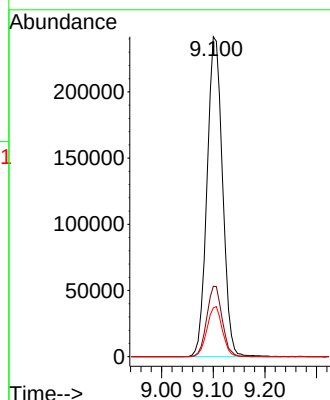
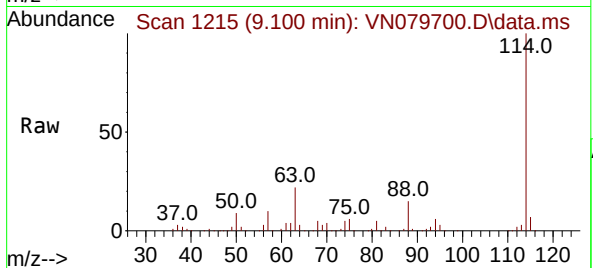
Tgt Ion:114 Resp: 503072

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.091 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079700.D

Acq: 26 Oct 2023 17:24

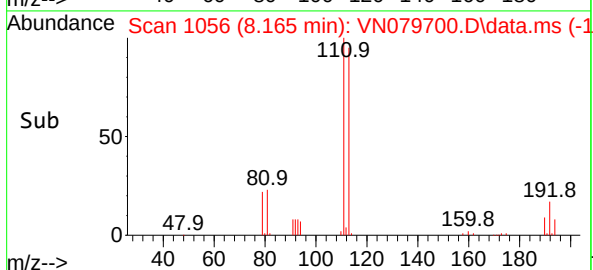
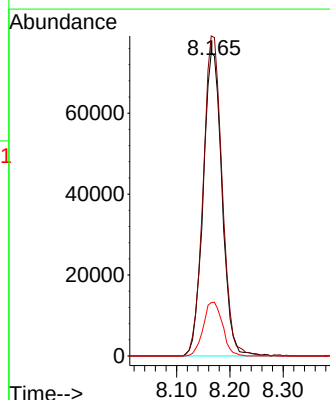
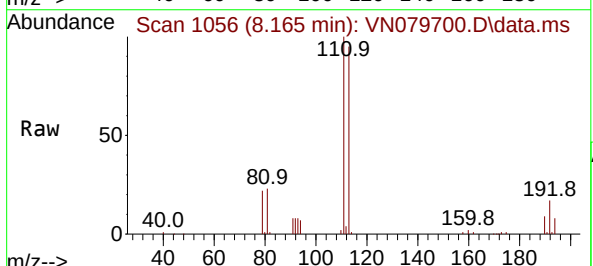
Tgt Ion:113 Resp: 184708

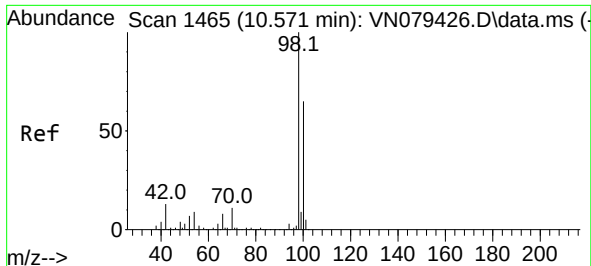
Ion Ratio Lower Upper

113 100

111 105.6 82.6 123.8

192 18.0 12.7 19.1

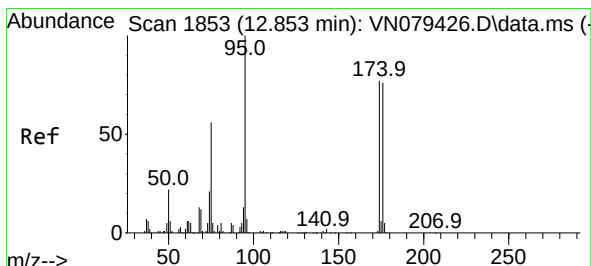
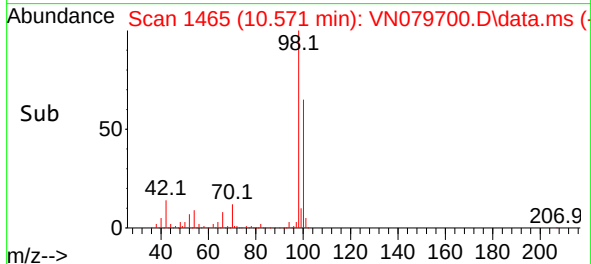
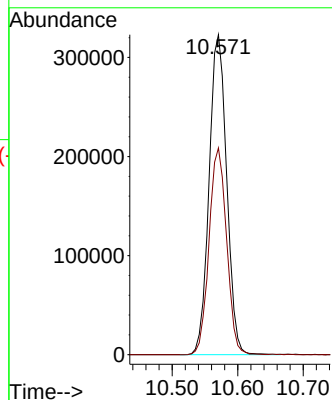
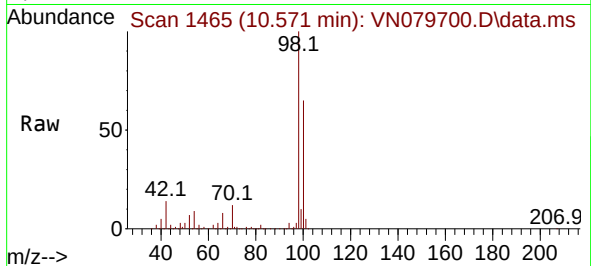




#50
Toluene-d8
Concen: 46.008 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079700.D
Acq: 26 Oct 2023 17:24

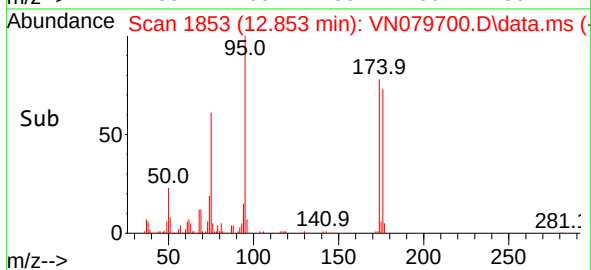
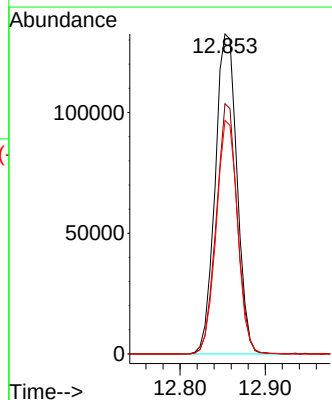
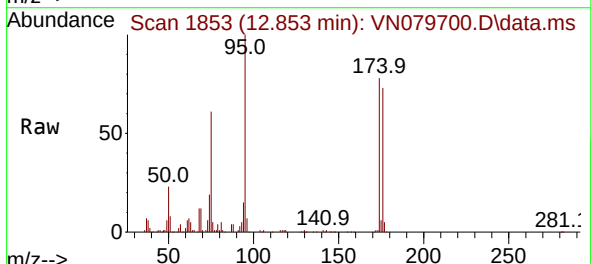
Instrument :
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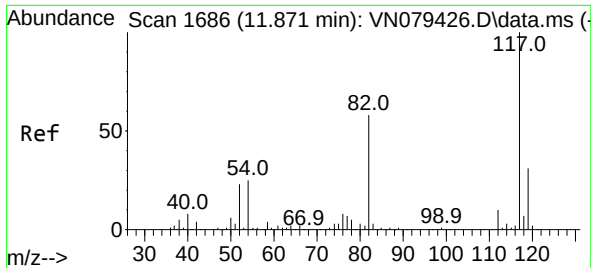
Tgt Ion: 98 Resp: 601839
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 56.283 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079700.D
Acq: 26 Oct 2023 17:24

Tgt Ion: 95 Resp: 236275
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 71.5 0.0 135.8

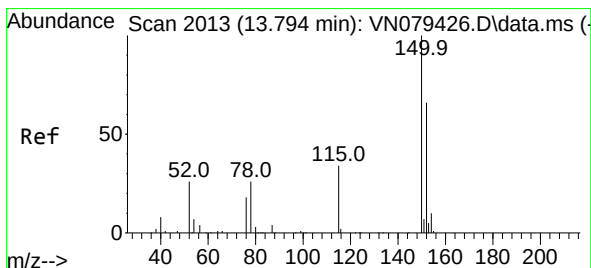
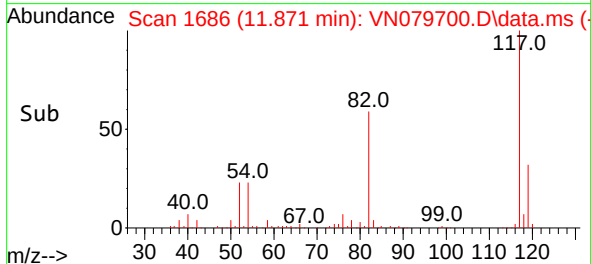
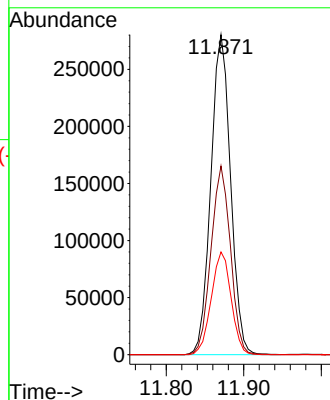
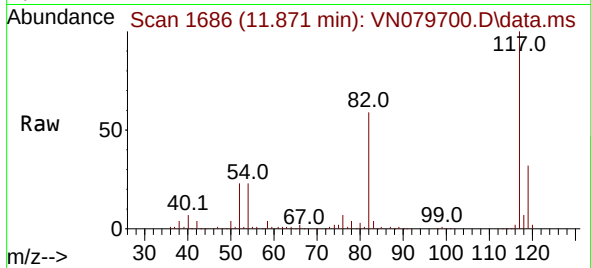




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079700.D
Acq: 26 Oct 2023 17:24

Instrument :
MSVOA_N
ClientSampleId :
SEWER-SLUDGE

Tgt Ion:117 Resp: 495615
Ion Ratio Lower Upper
117 100
82 58.9 44.0 66.0
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079700.D
Acq: 26 Oct 2023 17:24

Tgt Ion:152 Resp: 200870
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 158.5 0.0 355.8

