

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075858.D
 Acq On : 16 Dec 2022 19:26
 Operator : JC\MD
 Sample : N6099-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PURGE-WATER-2

Quant Time: Dec 17 08:44:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	380864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	595994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	517718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	227043	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	189434	45.719	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.440%
35) Dibromofluoromethane	8.177	113	173463	46.997	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.000%
50) Toluene-d8	10.571	98	687367	49.810	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.853	95	218402	47.783	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.560%

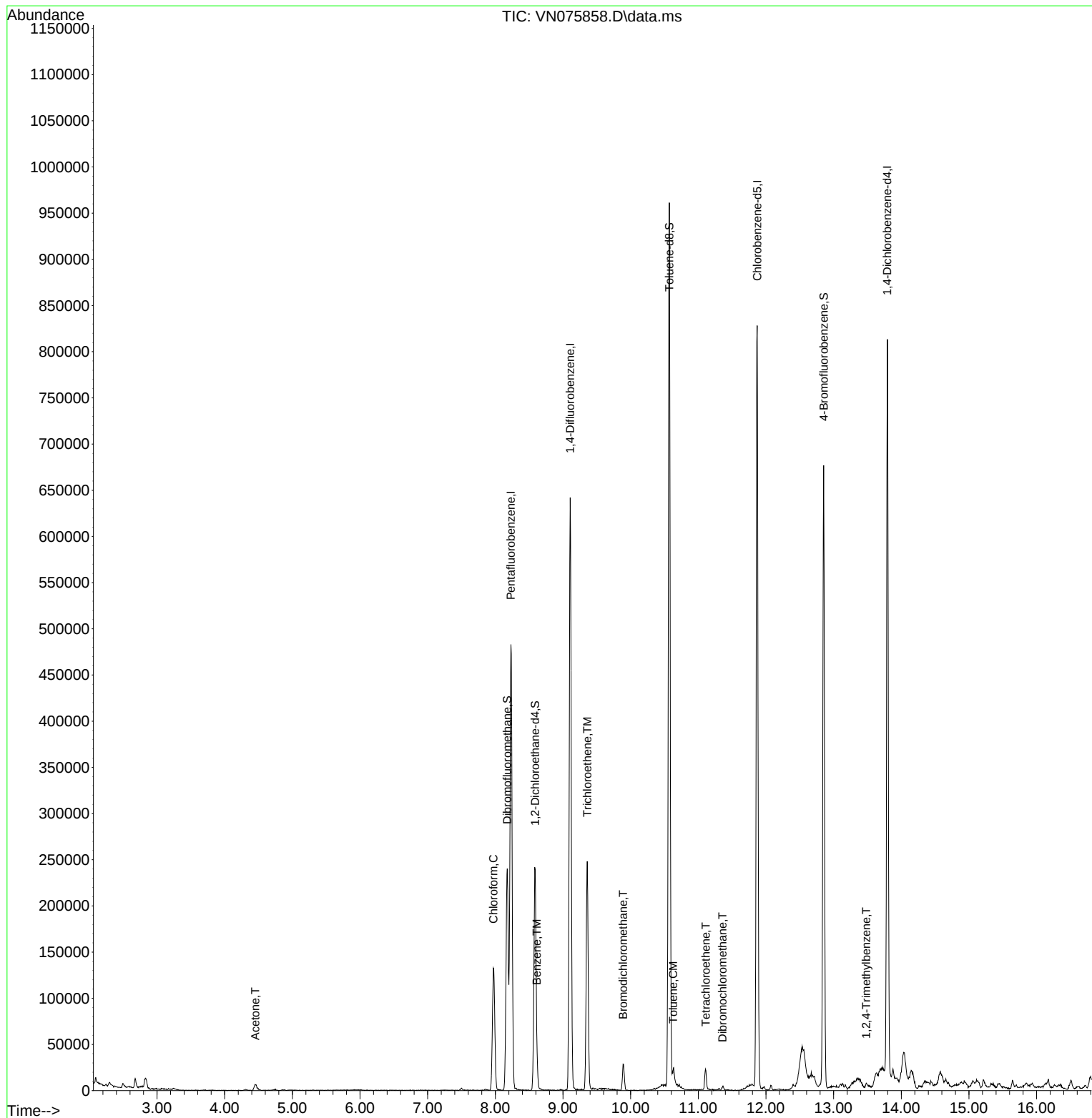
Target Compounds					Qvalue	
16) Acetone	4.453	43	13160	9.214	ug/l	# 81
30) Chloroform	7.971	83	131194	18.227	ug/l	96
40) Benzene	8.612	78	13537	0.895	ug/l	95
44) Trichloroethene	9.359	130	90318	21.193	ug/l	98
47) Bromodichloromethane	9.888	83	19888	3.714	ug/l	94
52) Toluene	10.629	92	6976	0.708	ug/l	86
60) Dibromochloromethane	11.359	129	2567	0.597	ug/l	87
64) Tetrachloroethene	11.112	164	5307	1.457	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	3511	0.258	ug/l	91

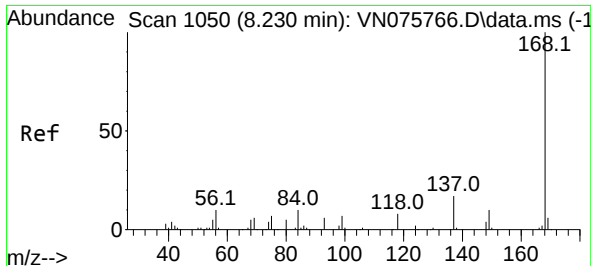
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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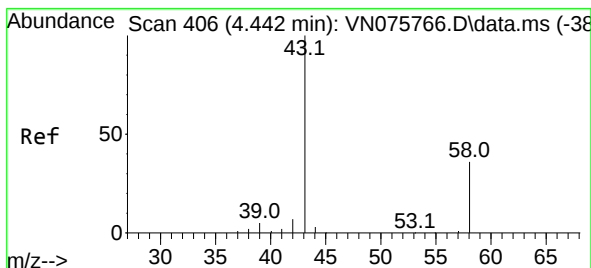
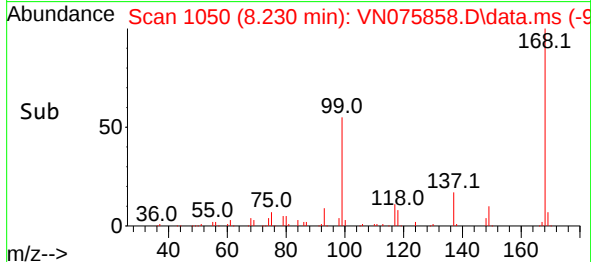
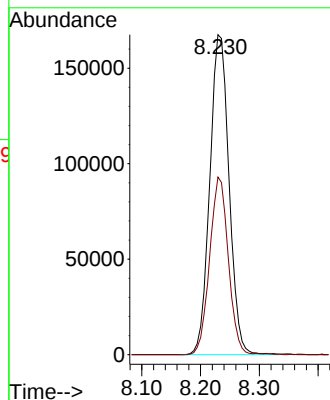
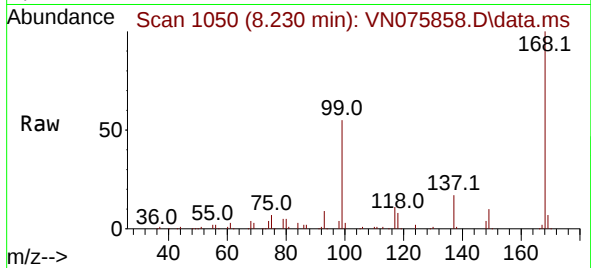




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075858.D
Acq: 16 Dec 2022 19:26

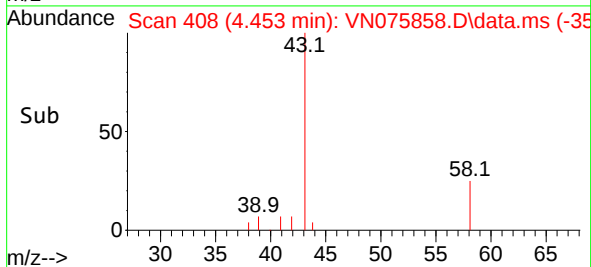
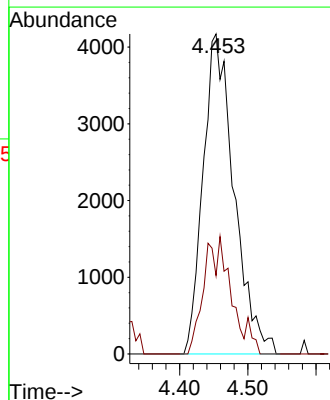
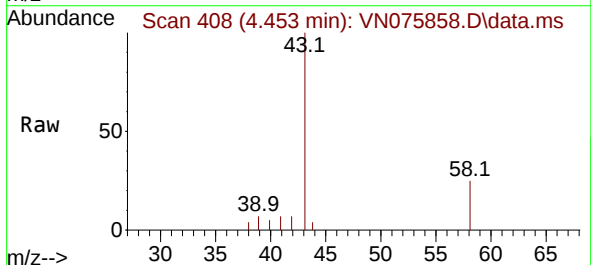
Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER-2

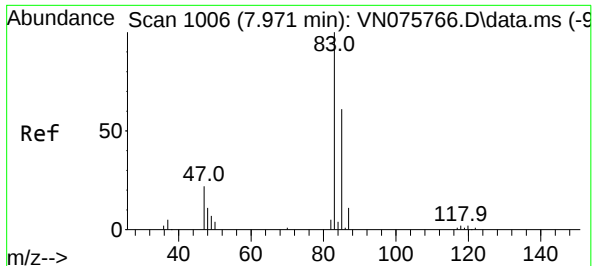
Tgt Ion:168 Resp: 380864
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#16
Acetone
Concen: 9.214 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN075858.D
Acq: 16 Dec 2022 19:26

Tgt Ion: 43 Resp: 13160
Ion Ratio Lower Upper
43 100
58 24.5 28.6 43.0#

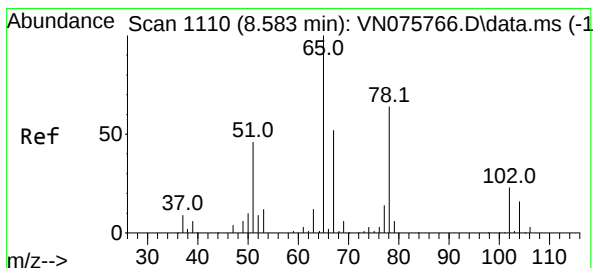
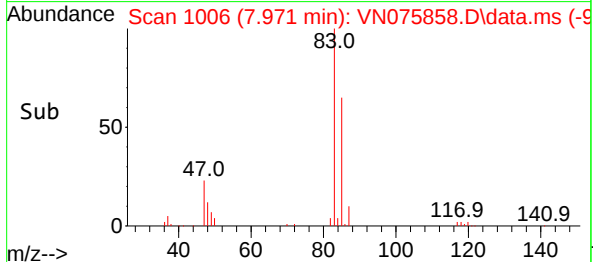
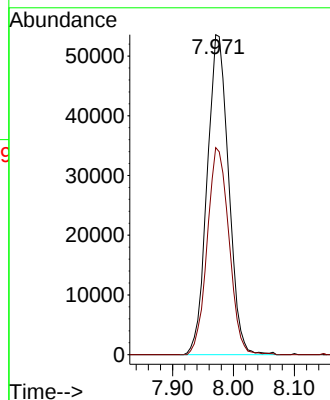
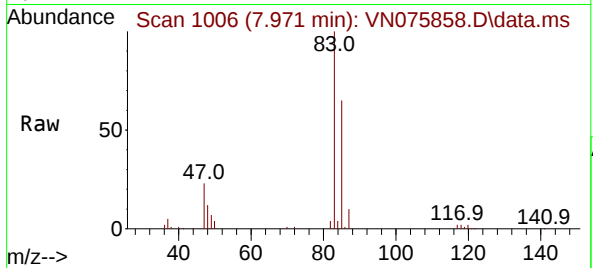




#30
Chloroform
Concen: 18.227 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075858.D
Acq: 16 Dec 2022 19:26

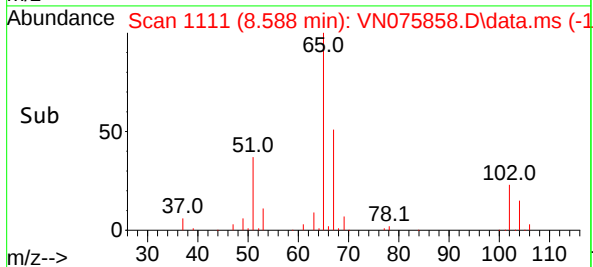
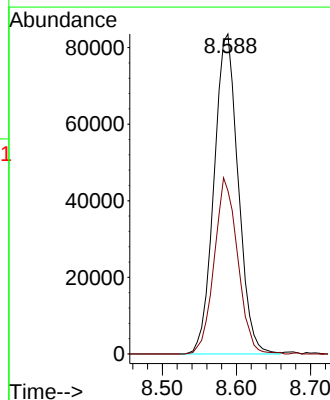
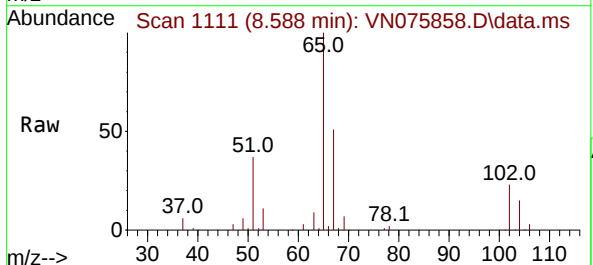
Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER-2

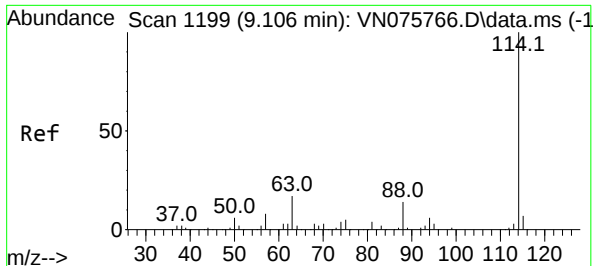
Tgt Ion: 83 Resp: 131194
Ion Ratio Lower Upper
83 100
85 64.7 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 45.719 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075858.D
Acq: 16 Dec 2022 19:26

Tgt Ion: 65 Resp: 189434
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075858.D

Acq: 16 Dec 2022 19:26

Instrument :

MSVOA_N

ClientSampleId :

PURGE-WATER-2

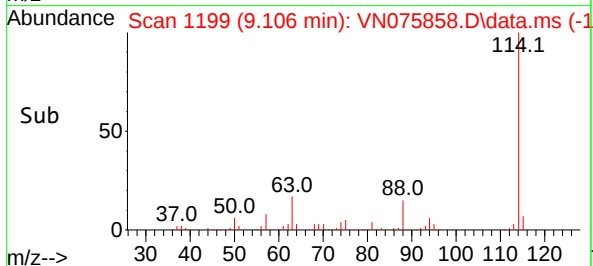
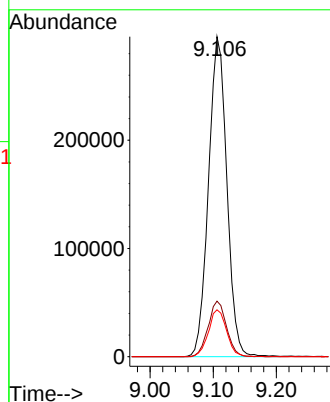
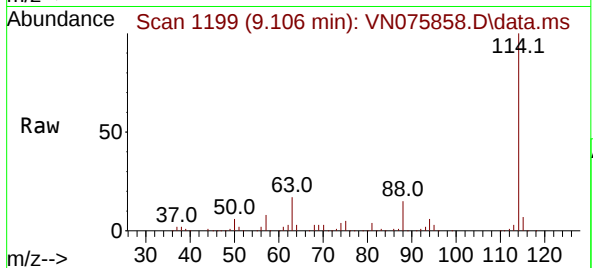
Tgt Ion:114 Resp: 595994

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 46.997 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075858.D

Acq: 16 Dec 2022 19:26

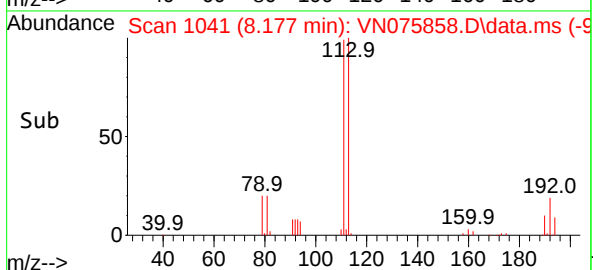
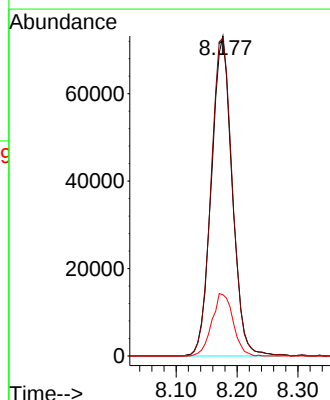
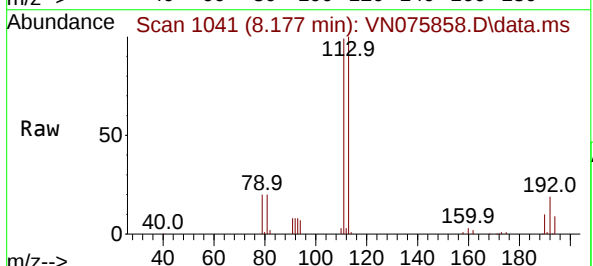
Tgt Ion:113 Resp: 173463

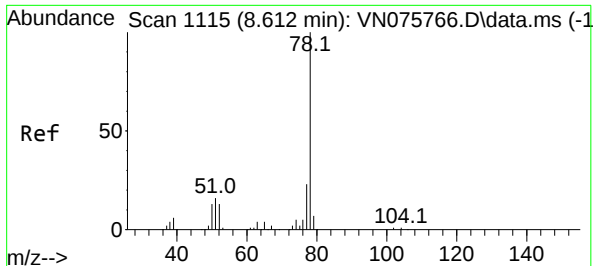
Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.2

192 19.9 16.1 24.1





#40

Benzene

Concen: 0.895 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075858.D

Acq: 16 Dec 2022 19:26

Instrument :

MSVOA_N

ClientSampleId :

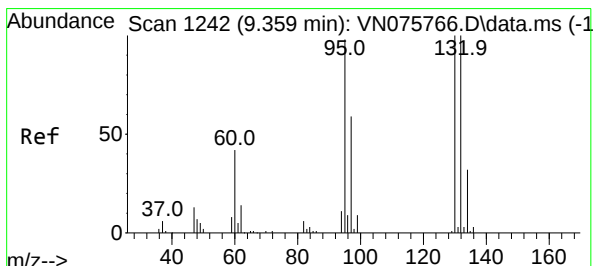
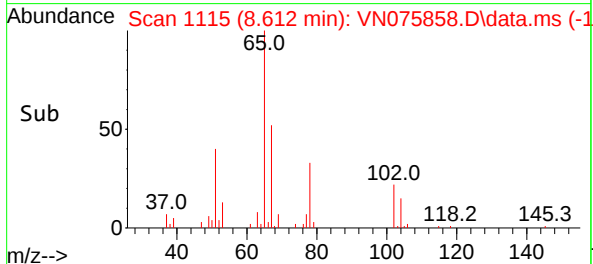
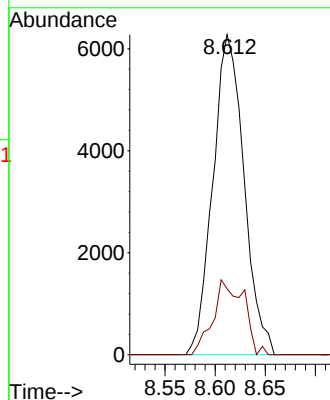
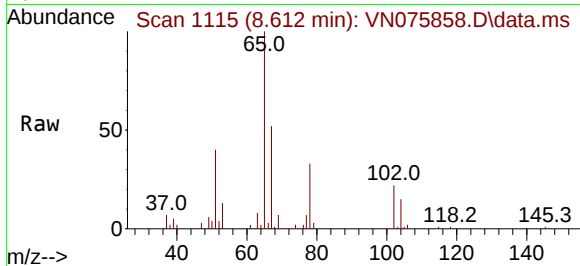
PURGE-WATER-2

Tgt Ion: 78 Resp: 13537

Ion Ratio Lower Upper

78 100

77 20.6 18.5 27.7



#44

Trichloroethene

Concen: 21.193 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VN075858.D

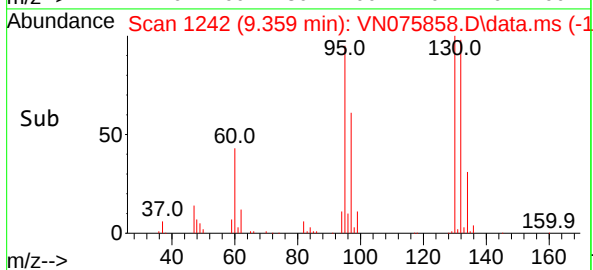
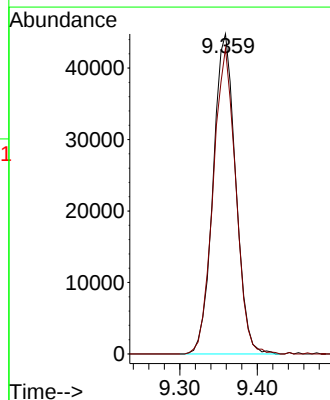
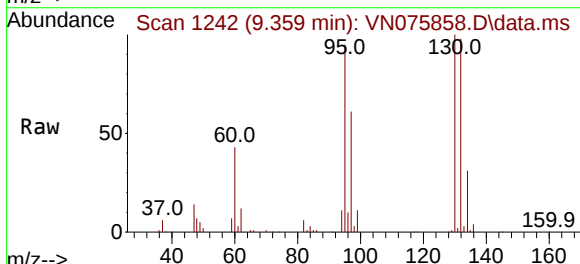
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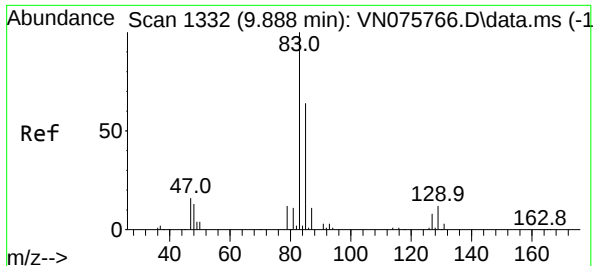
Tgt Ion:130 Resp: 90318

Ion Ratio Lower Upper

130 100

95 95.5 0.0 195.4

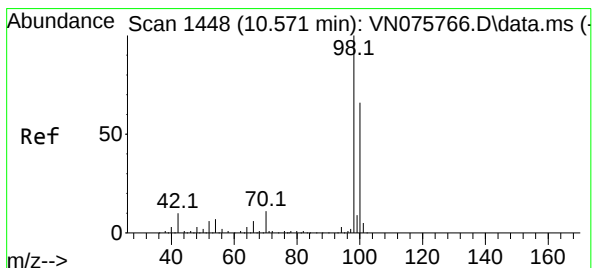
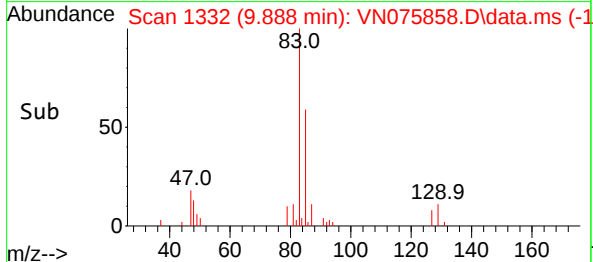
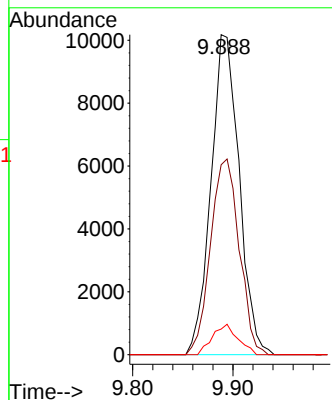
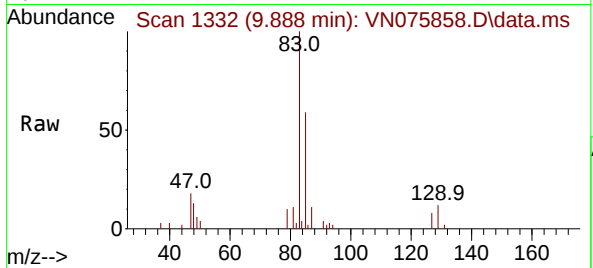




#47
Bromodichloromethane
Concen: 3.714 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075858.D
Acq: 16 Dec 2022 19:26

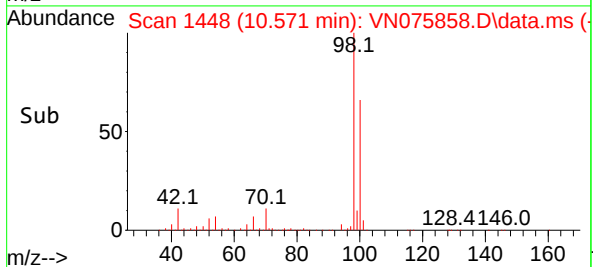
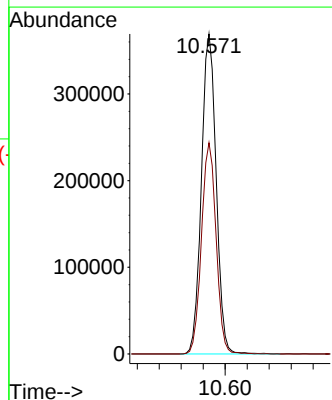
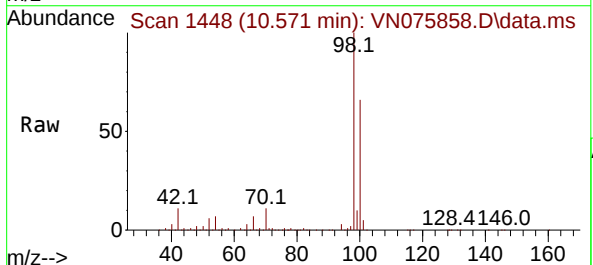
Instrument :
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PURGE-WATER-2

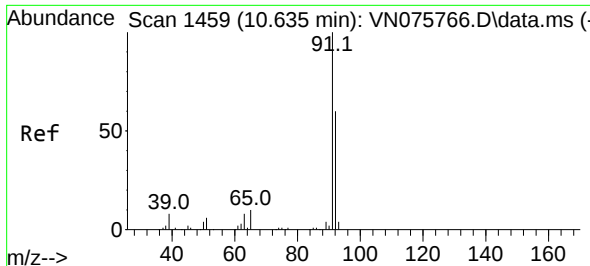
Tgt Ion: 83 Resp: 19888
Ion Ratio Lower Upper
83 100
85 59.3 51.5 77.3
127 8.0 6.6 10.0



#50
Toluene-d8
Concen: 49.810 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075858.D
Acq: 16 Dec 2022 19:26

Tgt Ion: 98 Resp: 687367
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1

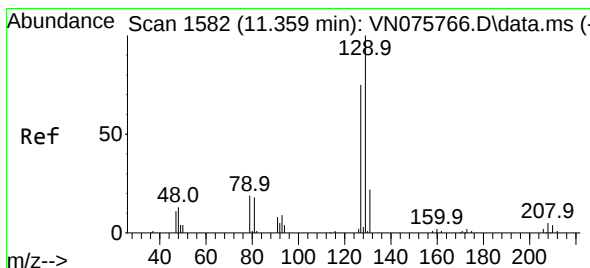
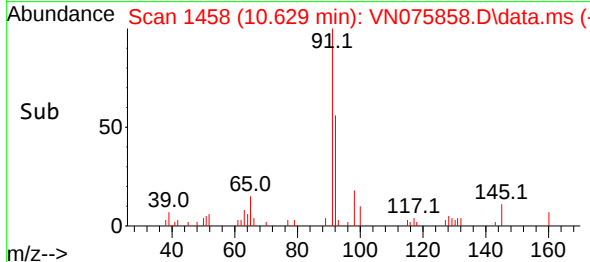
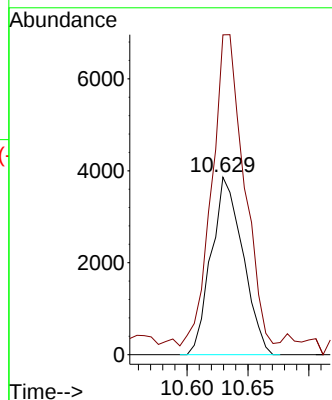
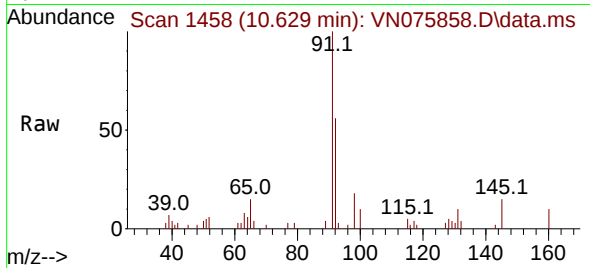




#52
Toluene
Concen: 0.708 ug/l
RT: 10.629 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VN075858.D
Acq: 16 Dec 2022 19:26

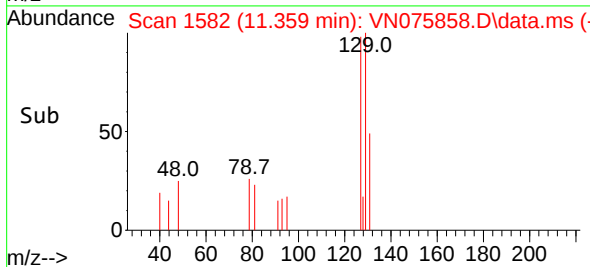
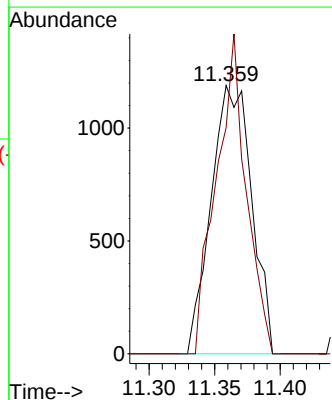
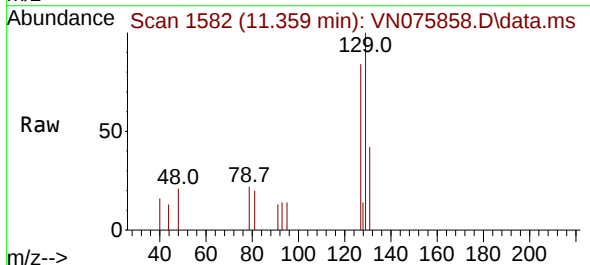
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ClientSampleId :
PURGE-WATER-2

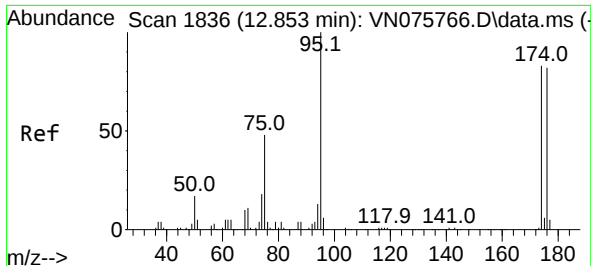
Tgt Ion: 92 Resp: 6976
Ion Ratio Lower Upper
92 100
91 190.8 137.3 205.9



#60
Dibromochloromethane
Concen: 0.597 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075858.D
Acq: 16 Dec 2022 19:26

Tgt Ion: 129 Resp: 2567
Ion Ratio Lower Upper
129 100
127 87.6 38.3 114.9

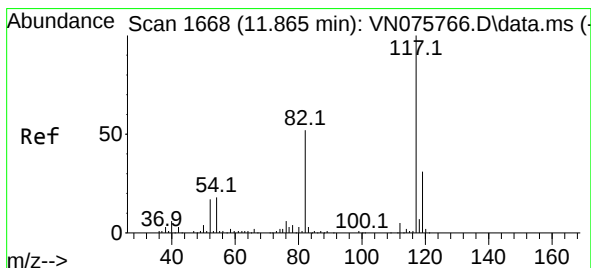
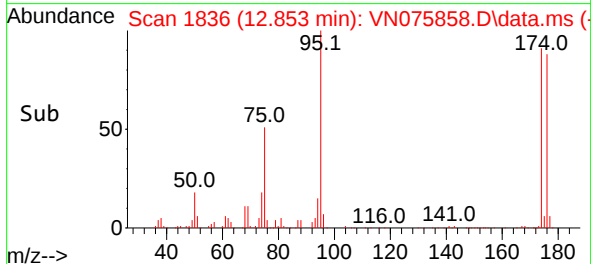
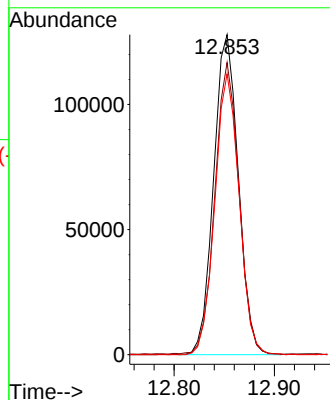
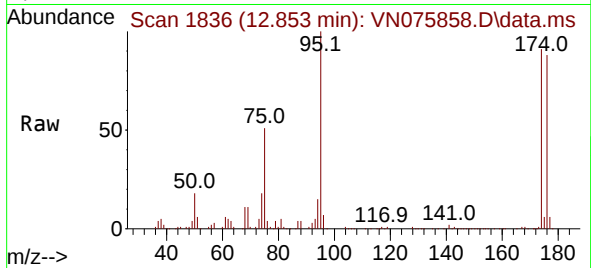




#62
4-Bromofluorobenzene
Concen: 47.783 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075858.D
Acq: 16 Dec 2022 19:26

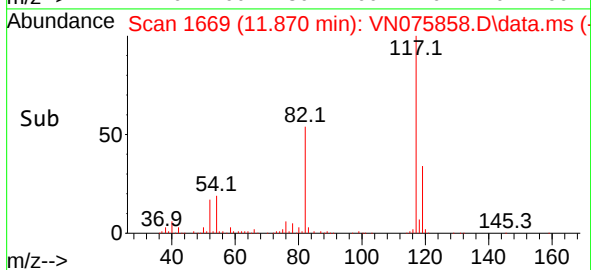
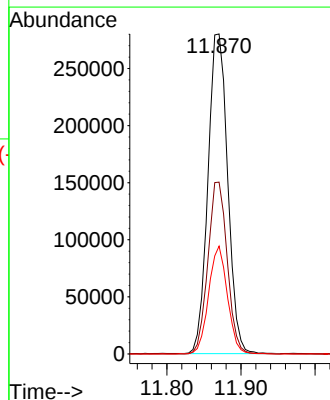
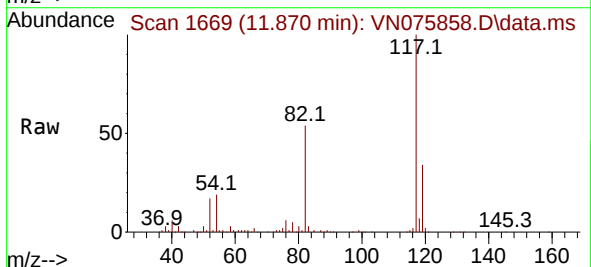
Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER-2

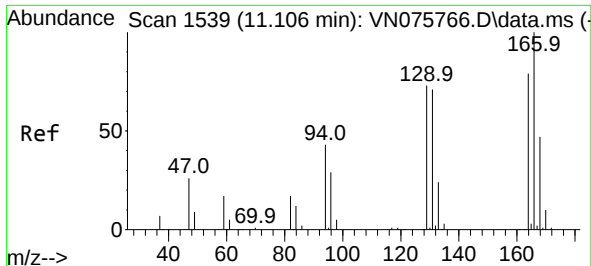
Tgt Ion: 95 Resp: 218402
Ion Ratio Lower Upper
95 100
174 90.2 0.0 171.6
176 86.3 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075858.D
Acq: 16 Dec 2022 19:26

Tgt Ion:117 Resp: 517718
Ion Ratio Lower Upper
117 100
82 53.8 41.3 61.9
119 33.8 24.6 37.0

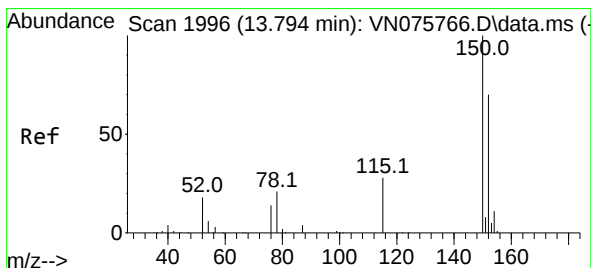
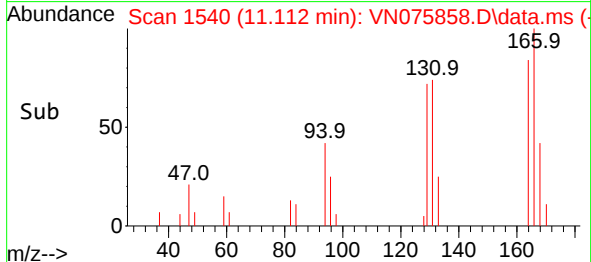
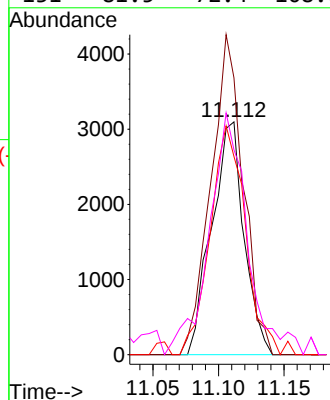
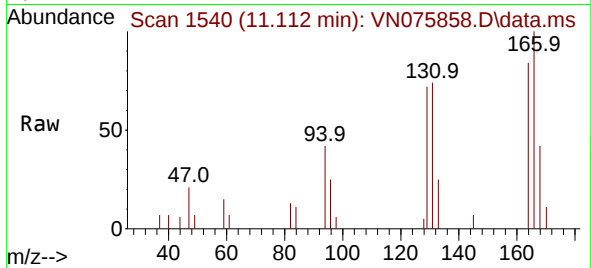




#64
Tetrachloroethene
Concen: 1.457 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075858.D
Acq: 16 Dec 2022 19:26

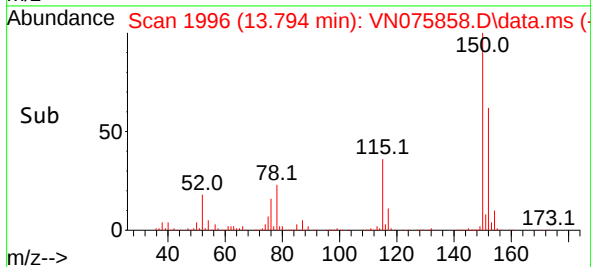
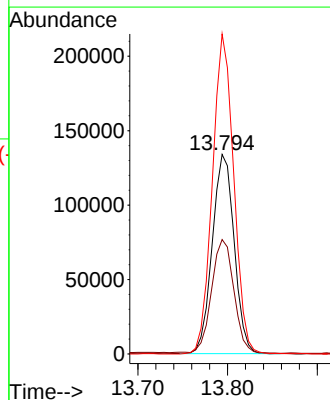
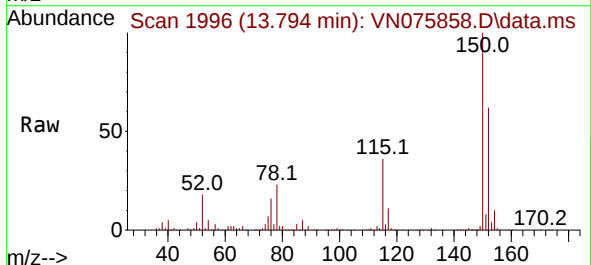
Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER-2

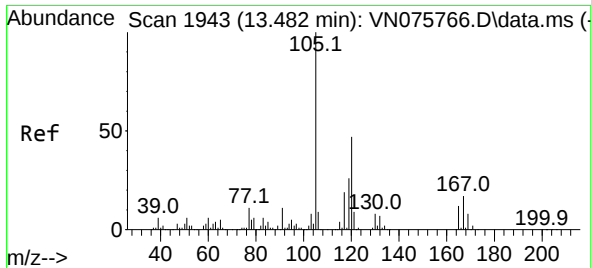
Tgt Ion:164 Resp: 5307
Ion Ratio Lower Upper
164 100
166 118.9 101.9 152.9
129 85.1 74.2 111.2
131 81.5 72.4 108.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075858.D
Acq: 16 Dec 2022 19:26

Tgt Ion:152 Resp: 227043
Ion Ratio Lower Upper
152 100
115 58.4 29.1 87.4
150 156.3 0.0 347.0





#84

1,2,4-Trimethylbenzene

Concen: 0.258 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. -0.000 min

Lab File: VN075858.D

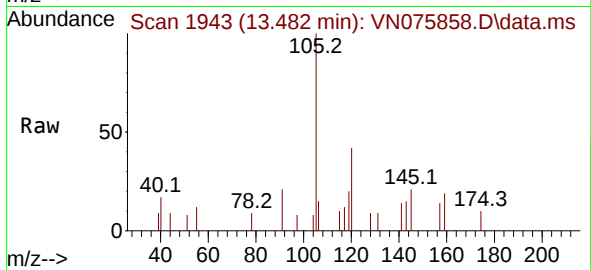
Acq: 16 Dec 2022 19:26

Instrument :

MSVOA_N

ClientSampleId :

PURGE-WATER-2



Tgt Ion:105 Resp: 3511

Ion Ratio Lower Upper

105 100

120 40.6 23.3 69.8

