

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033777.D
 Acq On : 18 Jan 2023 16:19
 Operator : JC/MD
 Sample : 01137-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002

Quant Time: Jan 19 03:31:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 14:40:07 2023
 Response via : Initial Calibration

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

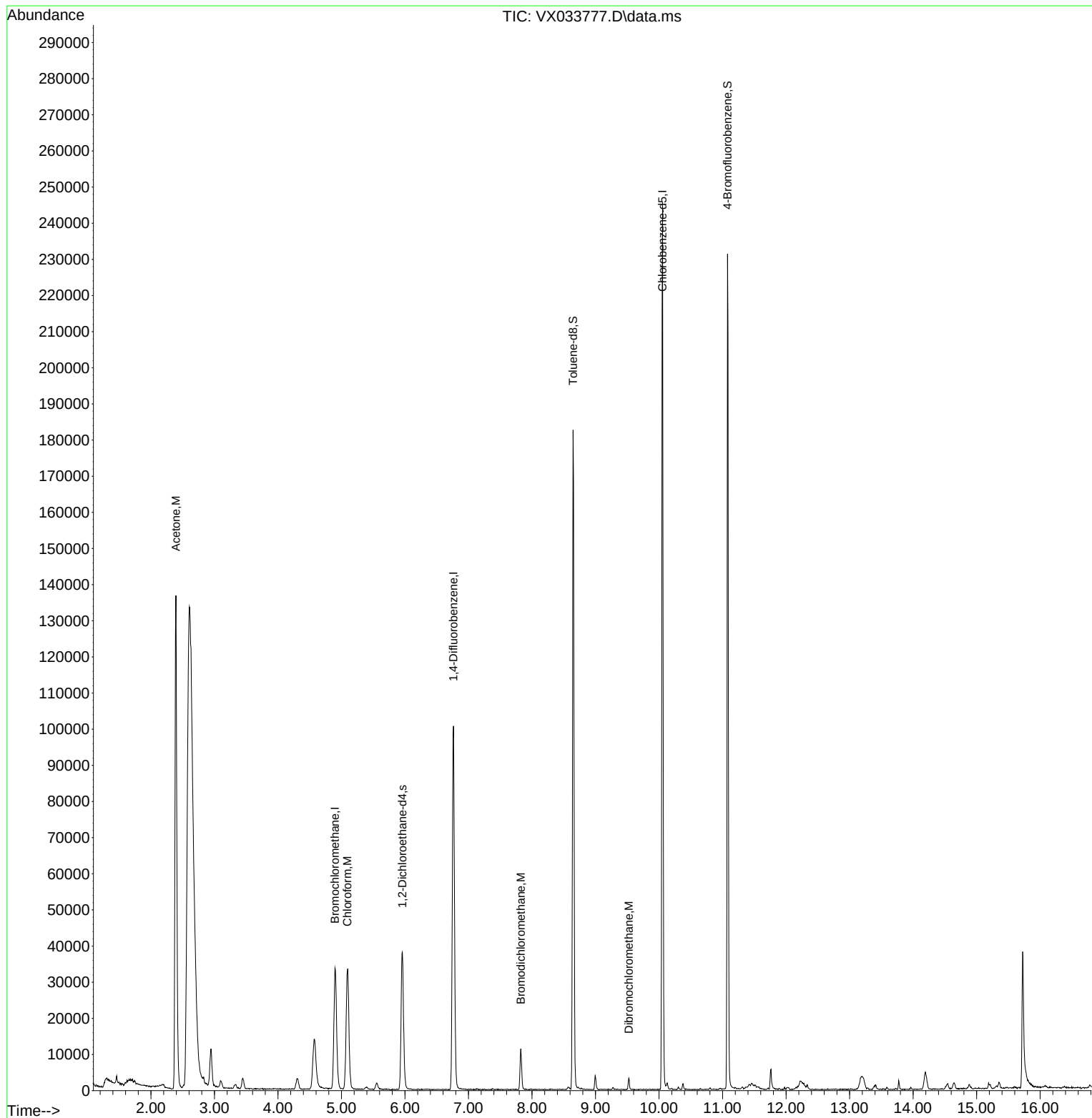
Internal Standards						
1) Bromochloromethane	4.897	128	15491	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	108652	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	115652	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	37481	31.265	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.233%
60) 4-Bromofluorobenzene	11.079	95	62005	29.990	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.967%
63) Toluene-d8	8.647	98	112934	30.607	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.033%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	55326	235.074	ug/l	99
25) Chloroform	5.092	83	41484	15.474	ug/l	97
41) Bromodichloromethane	7.824	83	7420	3.608	ug/l	99
53) Dibromochloromethane	9.525	129	1692	0.969	ug/l	94

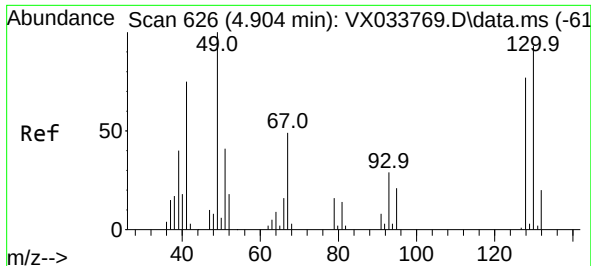
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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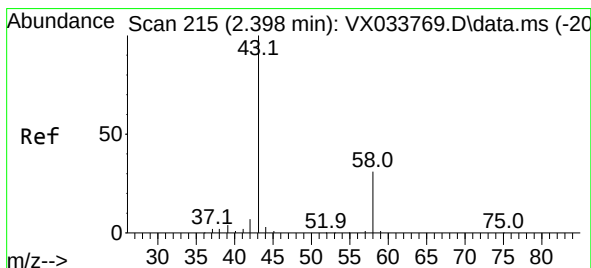
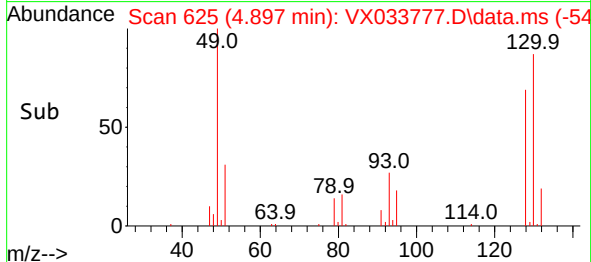
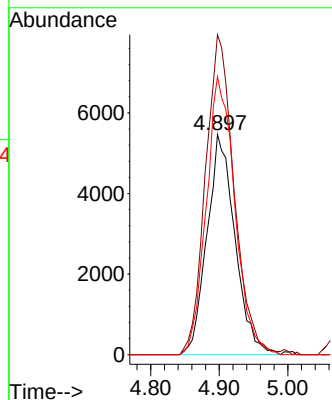
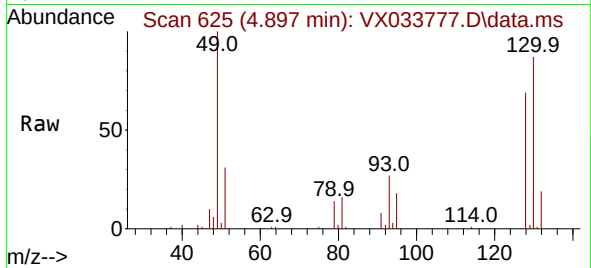




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX033777.D
Acq: 18 Jan 2023 16:19

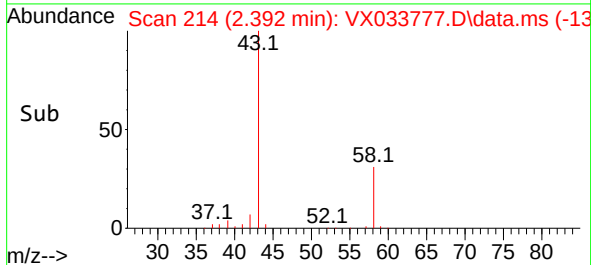
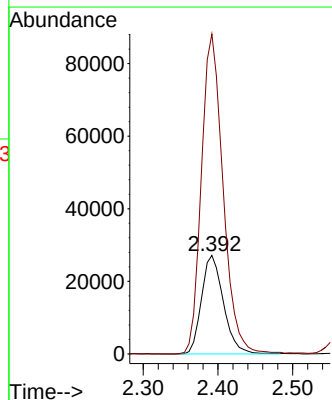
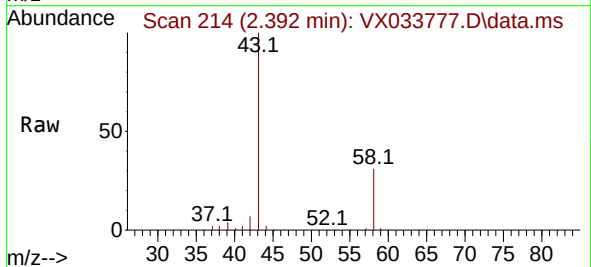
Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002

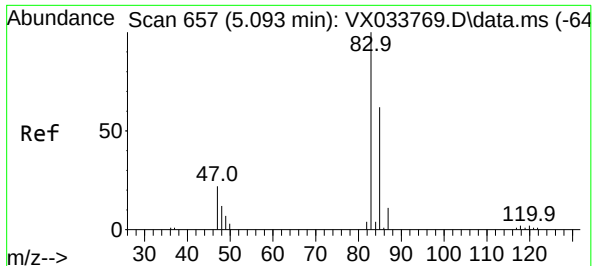
Tgt Ion:128 Resp: 15491
Ion Ratio Lower Upper
128 100
49 148.3 0.0 369.0
130 129.2 0.0 327.5



#15
Acetone
Concen: 235.074 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033777.D
Acq: 18 Jan 2023 16:19

Tgt Ion: 58 Resp: 55326
Ion Ratio Lower Upper
58 100
43 324.5 258.6 388.0





#25

Chloroform

Concen: 15.474 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX033777.D

Acq: 18 Jan 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

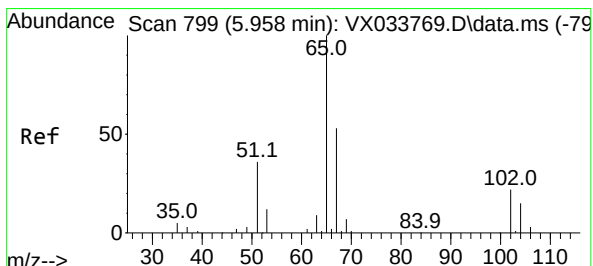
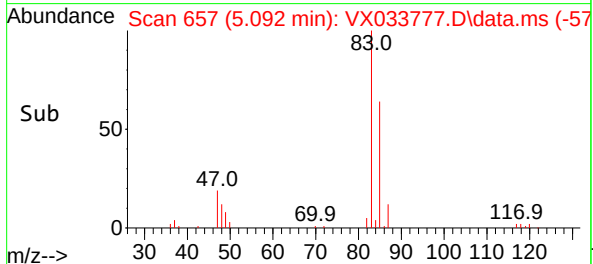
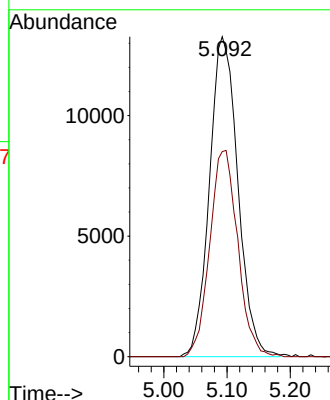
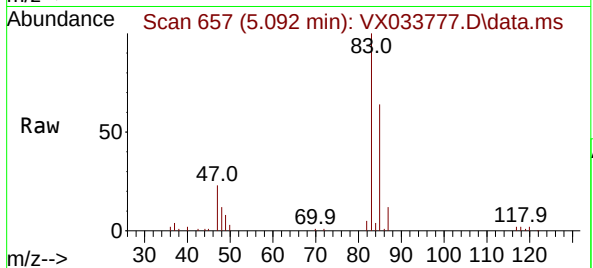
DSN-002-SEWER-OUTLET-002

Tgt Ion: 83 Resp: 41484

Ion Ratio Lower Upper

83 100

85 64.1 49.7 74.5



#27

1,2-Dichloroethane-d4

Concen: 31.265 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033777.D

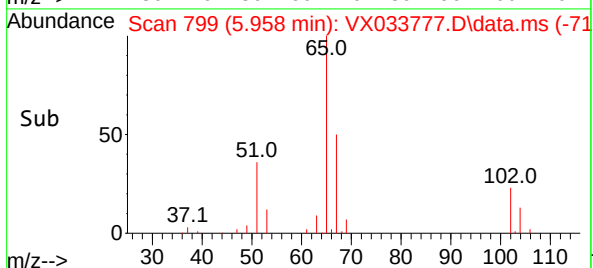
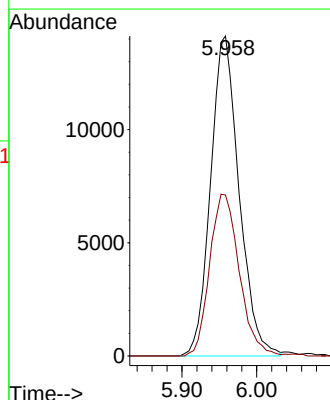
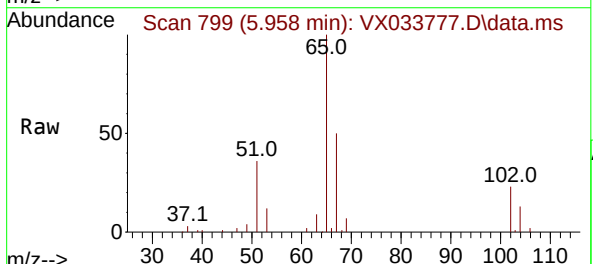
Acq: 18 Jan 2023 16:19

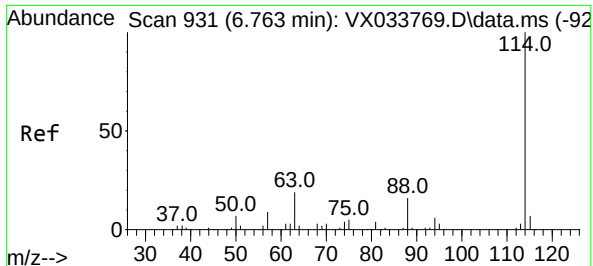
Tgt Ion: 65 Resp: 37481

Ion Ratio Lower Upper

65 100

67 52.4 43.0 64.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX033777.D

Acq: 18 Jan 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

DSN-002-SEWER-OUTLET-002

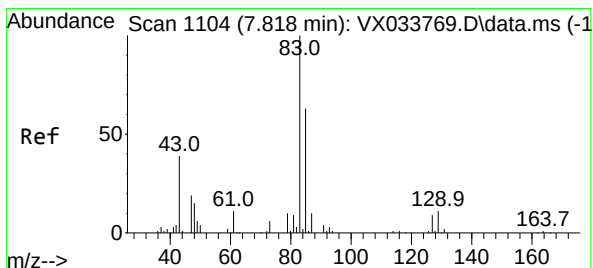
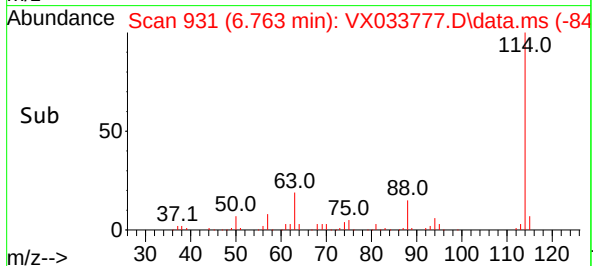
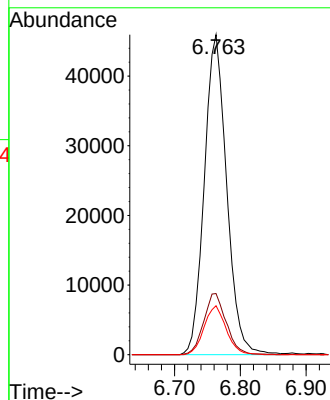
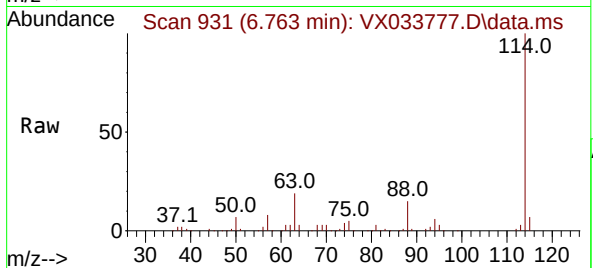
Tgt Ion:114 Resp: 108652

Ion Ratio Lower Upper

114 100

63 19.3 15.2 22.8

88 15.1 12.4 18.6



#41

Bromodichloromethane

Concen: 3.608 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX033777.D

Acq: 18 Jan 2023 16:19

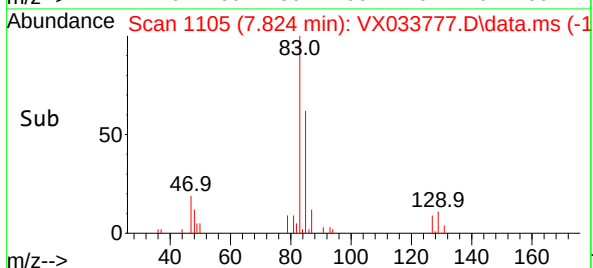
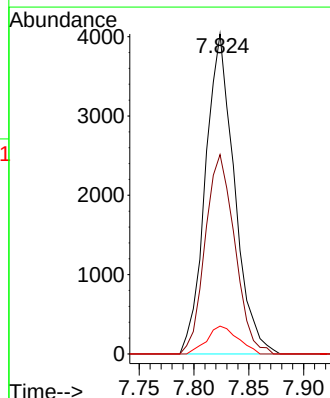
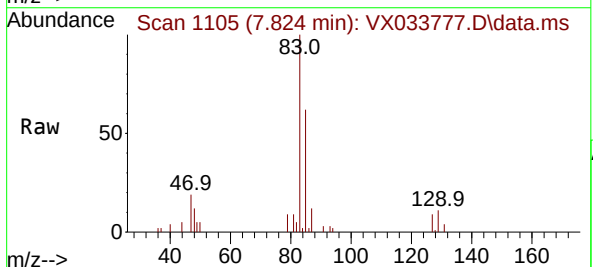
Tgt Ion: 83 Resp: 7420

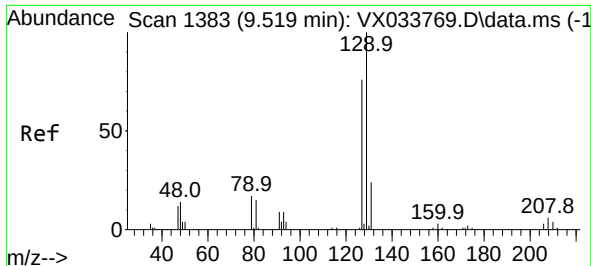
Ion Ratio Lower Upper

83 100

85 62.3 50.5 75.7

127 8.7 7.2 10.8

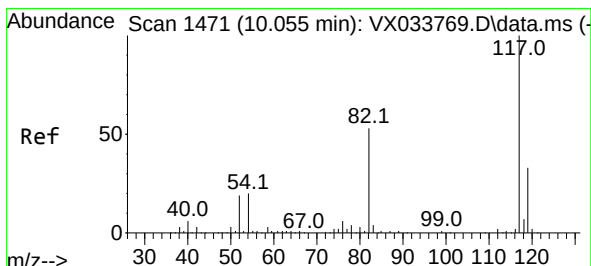
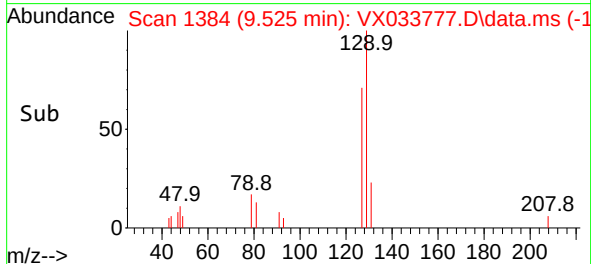
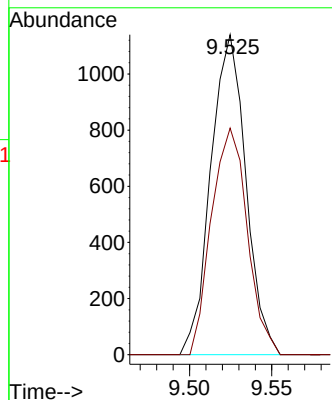
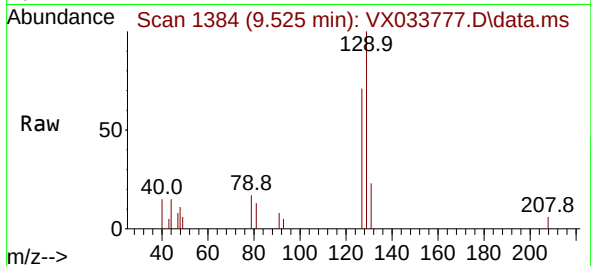




#53
Dibromochloromethane
Concen: 0.969 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX033777.D
Acq: 18 Jan 2023 16:19

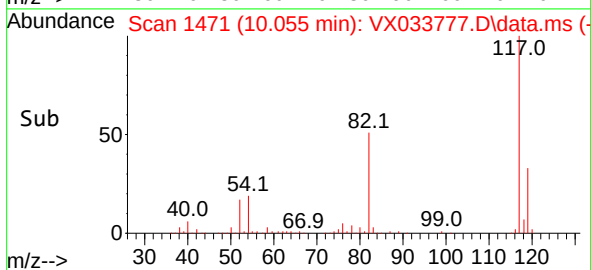
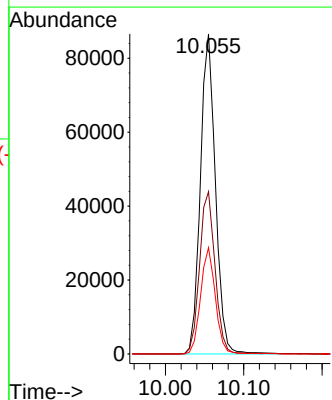
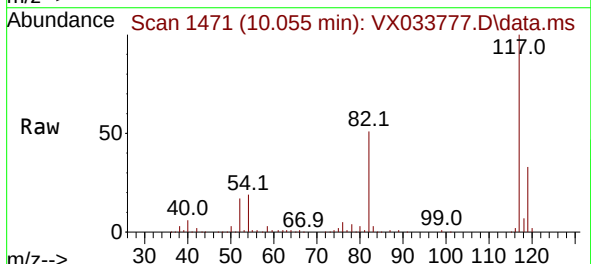
Instrument :
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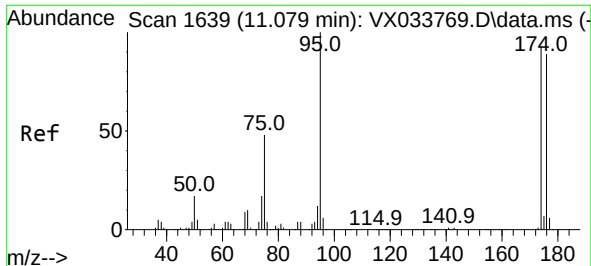
Tgt Ion:129 Resp: 1692
Ion Ratio Lower Upper
129 100
127 72.2 38.6 116.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033777.D
Acq: 18 Jan 2023 16:19

Tgt Ion:117 Resp: 115652
Ion Ratio Lower Upper
117 100
82 52.2 42.6 64.0
119 32.4 26.4 39.6





#60

4-Bromofluorobenzene

Concen: 29.990 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033777.D

Acq: 18 Jan 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

DSN-002-SEWER-OUTLET-002

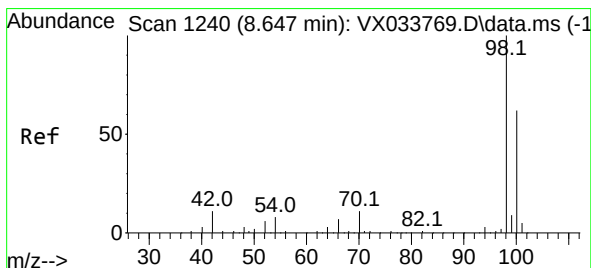
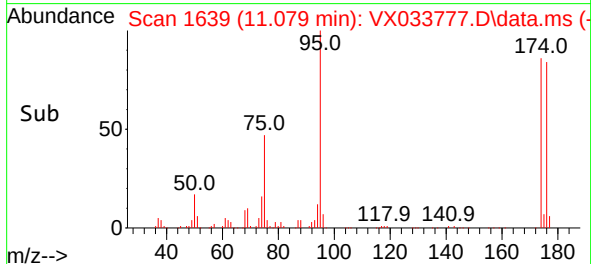
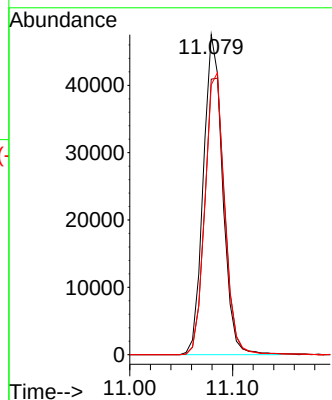
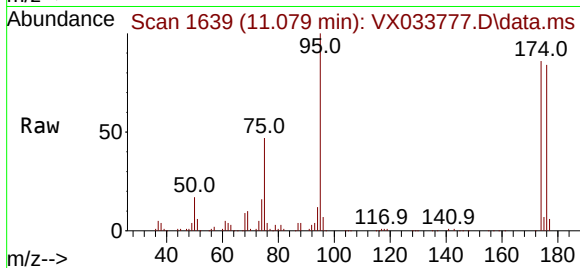
Tgt Ion: 95 Resp: 62005

Ion Ratio Lower Upper

95 100

174 89.7 74.6 111.8

176 89.2 72.2 108.2



#63

Toluene-d8

Concen: 30.607 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX033777.D

Acq: 18 Jan 2023 16:19

Tgt Ion: 98 Resp: 112934

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1

