

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033776.D
 Acq On : 18 Jan 2023 15:56
 Operator : JC/MD
 Sample : 01137-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DSN-001-SEWER-OUTLET-001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/19/2023
 Supervised By : Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 03:30:55 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	4.898	128	13736	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	99911	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	105935	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	32385	30.466	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	101.567%	
60) 4-Bromofluorobenzene	11.079	95	52923	27.945	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	93.167%	
63) Toluene-d8	8.647	98	100573	29.757	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	99.200%	
Target Compounds						
						Qvalue
15) Acetone	2.392	58	188644	903.936	ug/l	92
25) Chloroform	5.093	83	34485	14.507	ug/l	99
41) Bromodichloromethane	7.824	83	7574	4.006	ug/l	87
44) Isopropyl Acetate	6.355	43	2408m	0.764	ug/l	
53) Dibromochloromethane	9.525	129	1872	1.166	ug/l	95
56) Bromoform	10.805	173	648	0.520	ug/l #	81

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

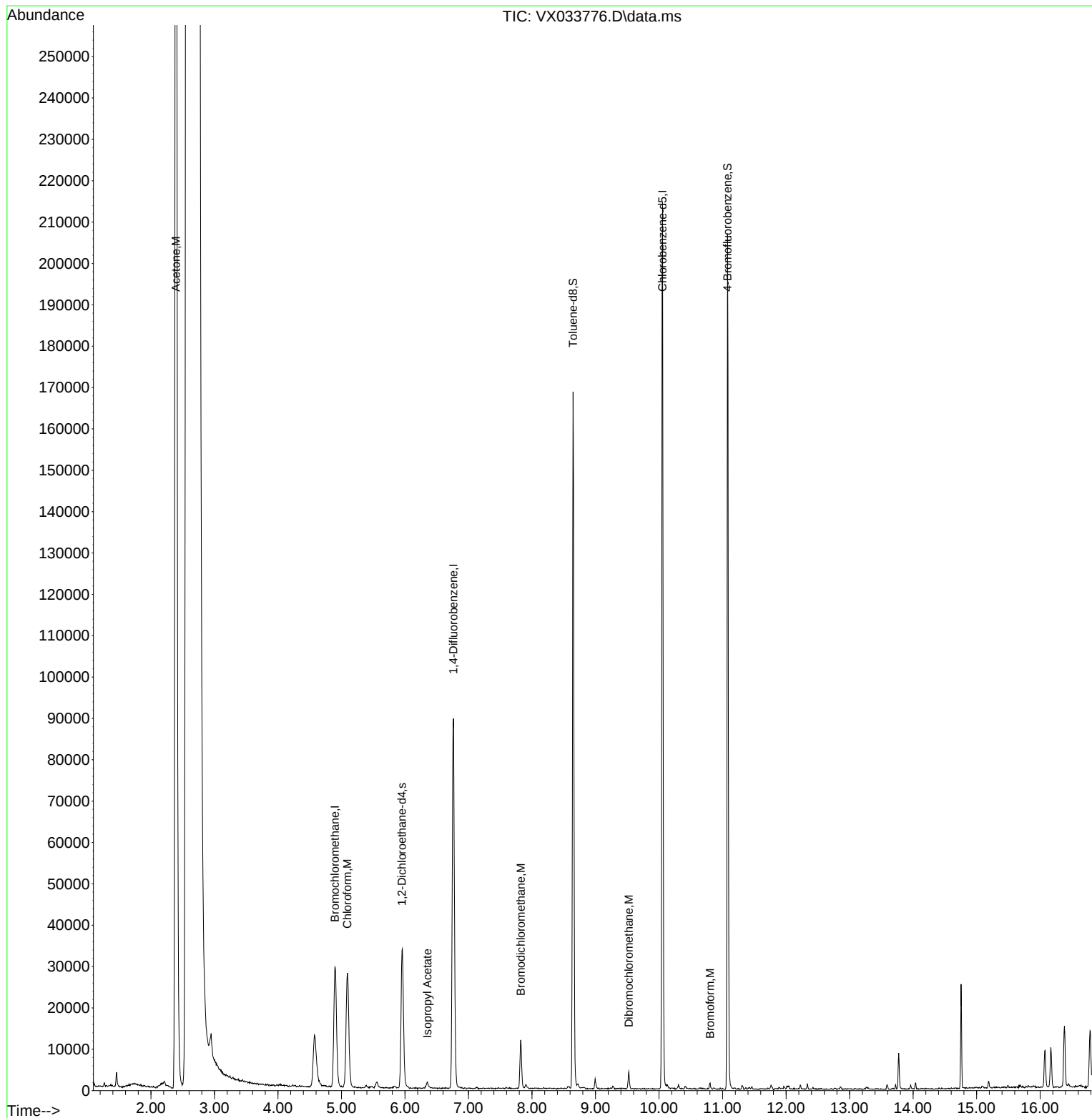
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
Data File : VX033776.D
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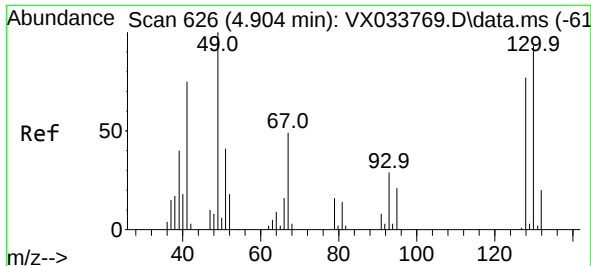
Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001

Quant Time: Jan 19 03:30:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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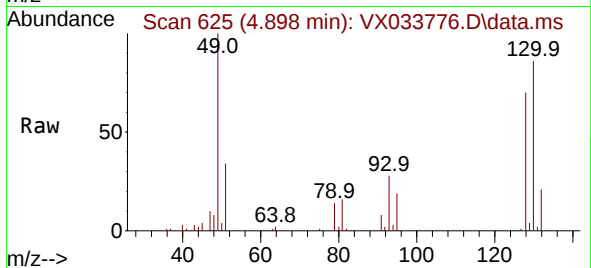
Reviewed By : John Carlone 01/19/2023
Supervised By : Mahesh Dadoda 01/19/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033776.D
Acq: 18 Jan 2023 15:56

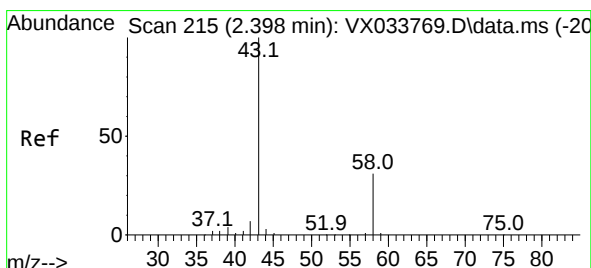
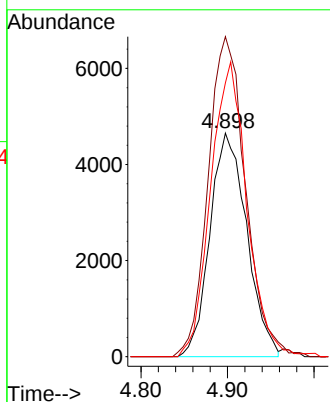
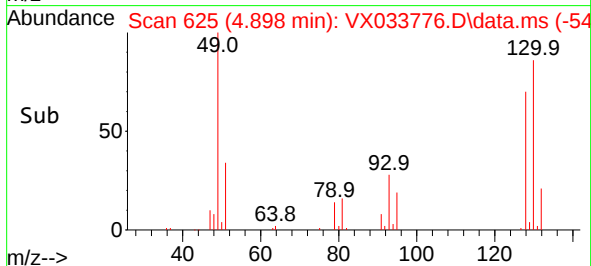
Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001



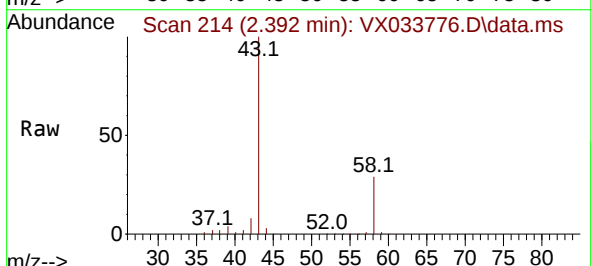
Tgt Ion:128 Resp: 13730
Ion Ratio Lower Upper
128 100
49 145.2 0.0 369.0
130 130.0 0.0 327.5

Manual Integrations
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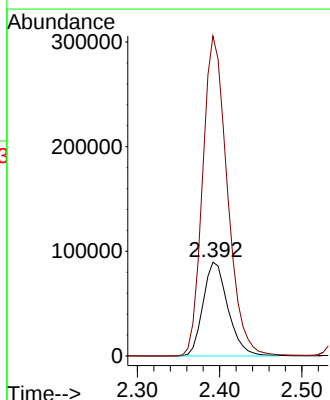
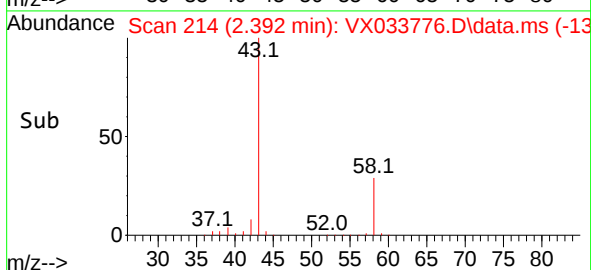
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

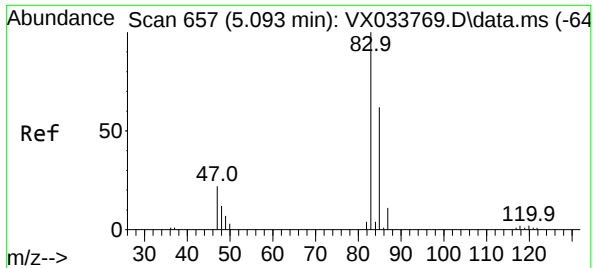


#15
Acetone
Concen: 903.936 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033776.D
Acq: 18 Jan 2023 15:56



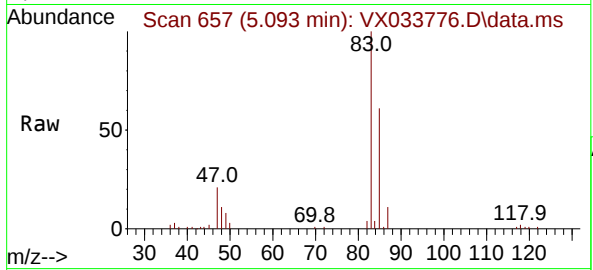
Tgt Ion: 58 Resp: 188644
Ion Ratio Lower Upper
58 100
43 340.8 258.6 388.0





#25
Chloroform
Concen: 14.507 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033776.D
Acq: 18 Jan 2023 15:56

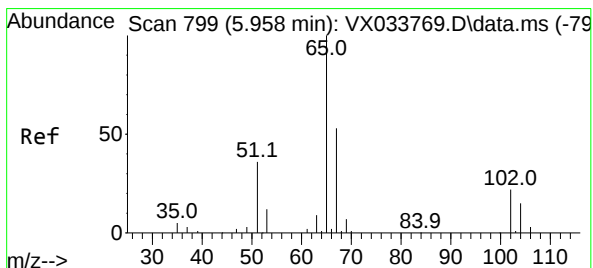
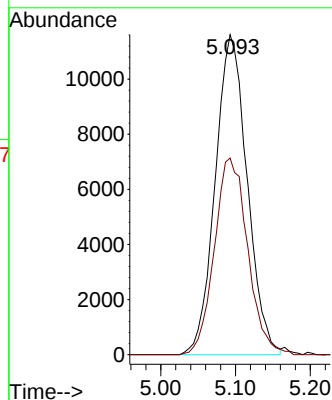
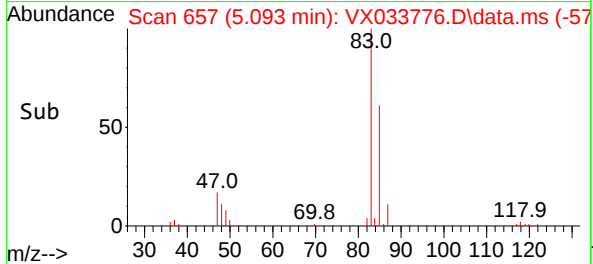
Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001



Tgt Ion: 83 Resp: 3448
Ion Ratio Lower Upper
83 100
85 61.4 49.7 74.5

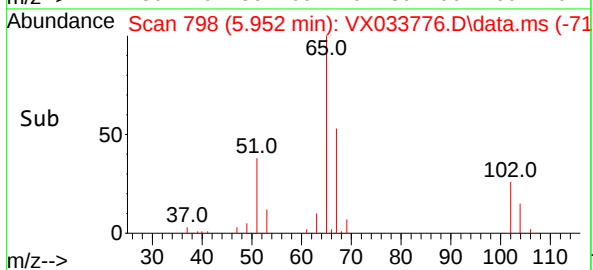
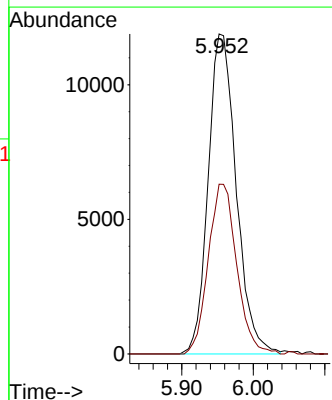
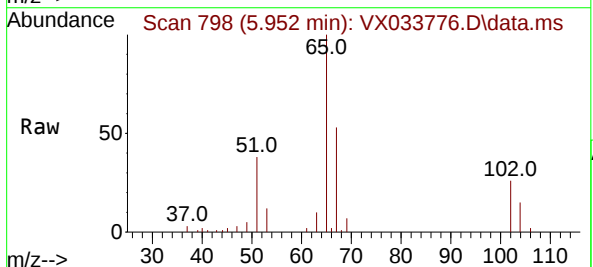
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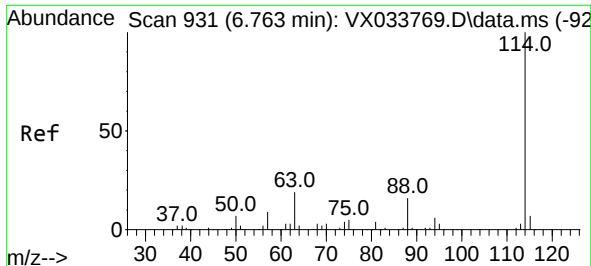
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#27
1,2-Dichloroethane-d4
Concen: 30.466 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033776.D
Acq: 18 Jan 2023 15:56

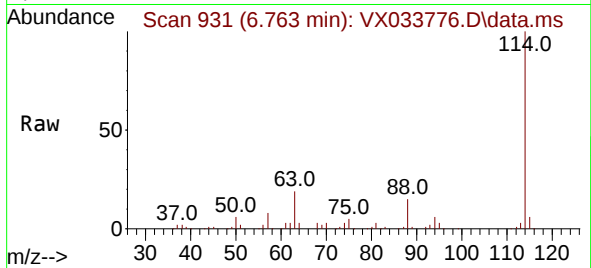
Tgt Ion: 65 Resp: 32385
Ion Ratio Lower Upper
65 100
67 53.8 43.0 64.4





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033776.D
Acq: 18 Jan 2023 15:56

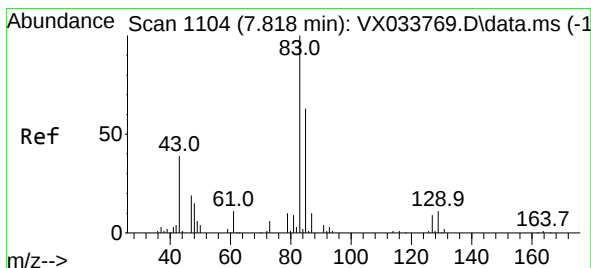
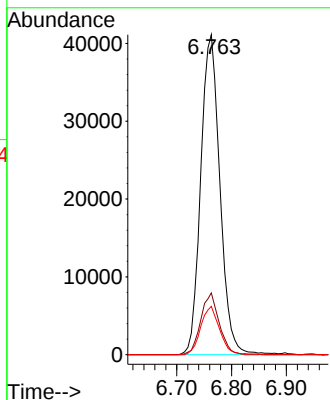
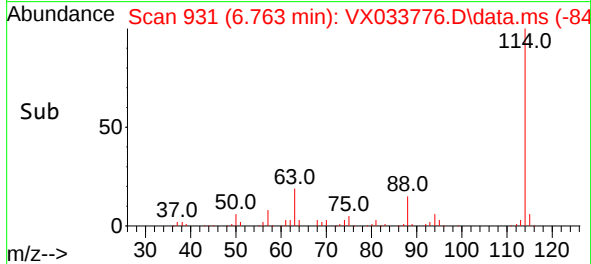
Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001



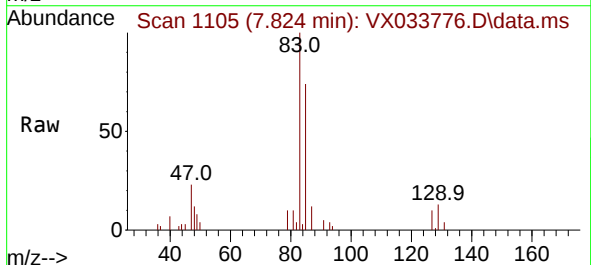
Tgt Ion:114 Resp: 9991
Ion Ratio Lower Upper
114 100
63 18.4 15.2 22.8
88 14.7 12.4 18.6

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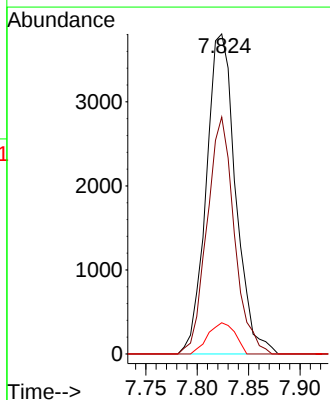
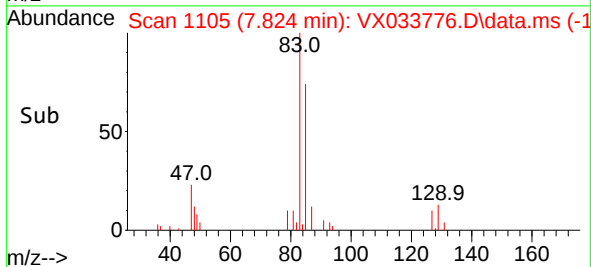
Reviewed By :John Carlone 01/19/2023
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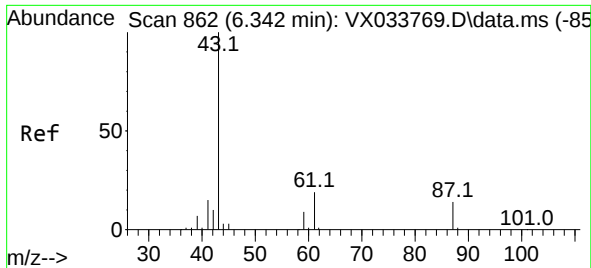


#41
Bromodichloromethane
Concen: 4.006 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX033776.D
Acq: 18 Jan 2023 15:56



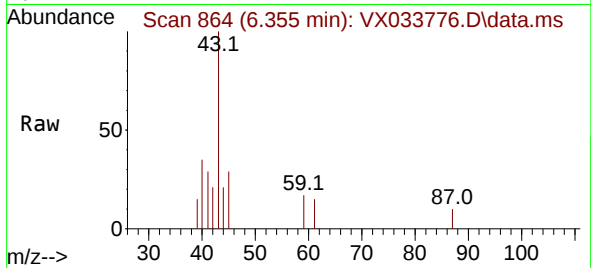
Tgt Ion: 83 Resp: 7574
Ion Ratio Lower Upper
83 100
85 74.1 50.5 75.7
127 9.8 7.2 10.8





#44
Isopropyl Acetate
Concen: 0.764 ug/l m
RT: 6.355 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX033776.D
Acq: 18 Jan 2023 15:56

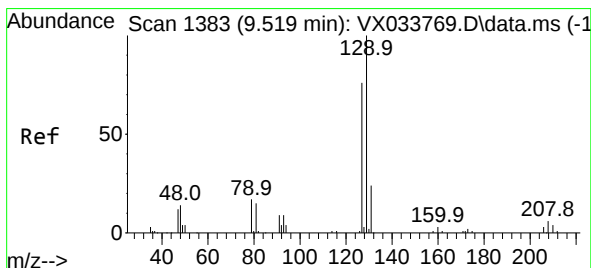
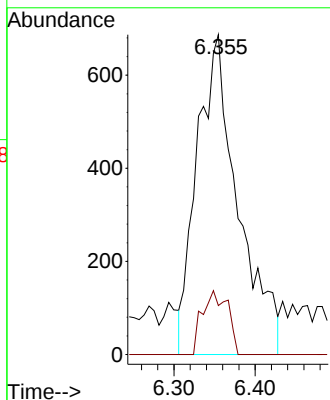
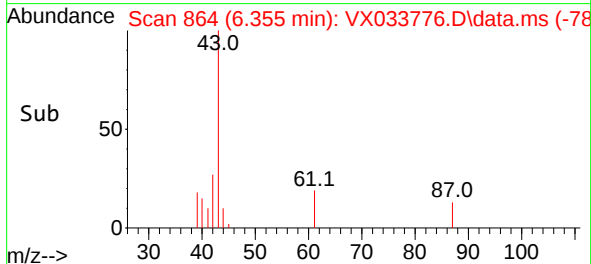
Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001



Tgt Ion: 43 Resp: 2408
Ion Ratio Lower Upper
43 100
61 8.1 15.6 23.4

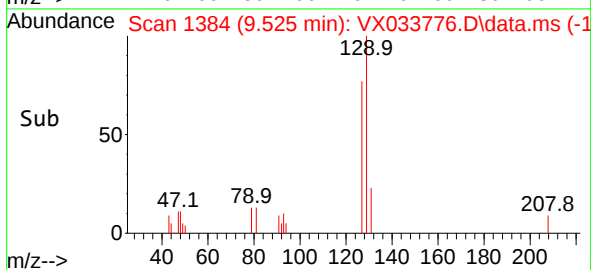
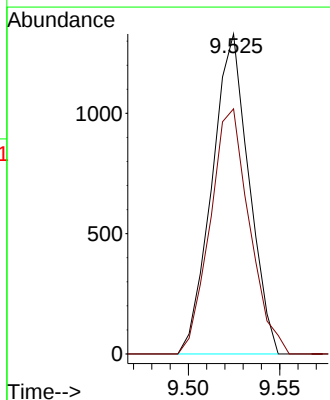
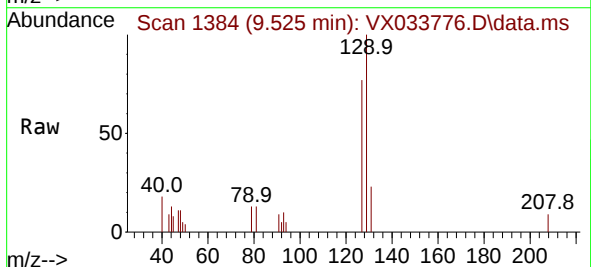
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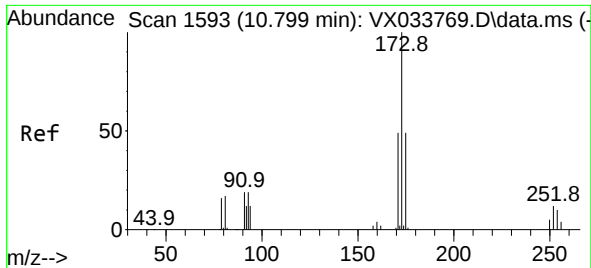
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#53
Dibromochloromethane
Concen: 1.166 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX033776.D
Acq: 18 Jan 2023 15:56

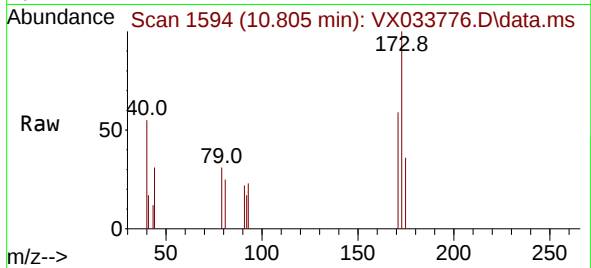
Tgt Ion:129 Resp: 1872
Ion Ratio Lower Upper
129 100
127 81.5 38.6 116.0





#56
Bromoform
Concen: 0.520 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX033776.D
Acq: 18 Jan 2023 15:56

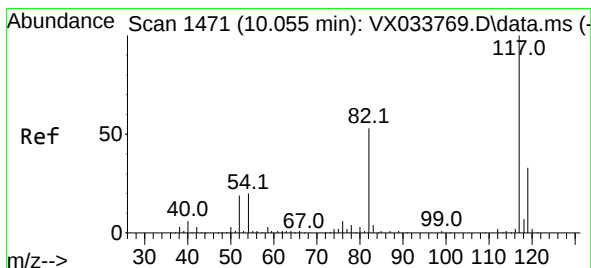
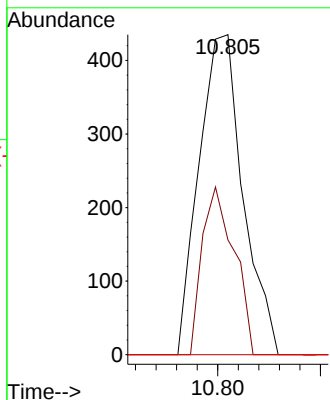
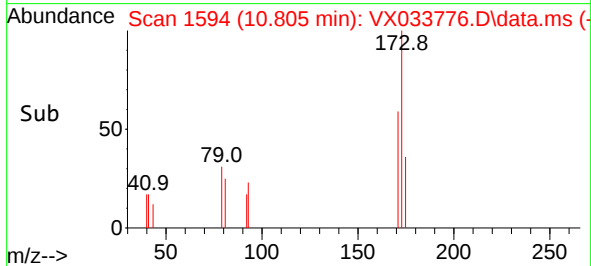
Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001



Tgt Ion:173 Resp: 644
Ion Ratio Lower Upper
173 100
175 38.1 39.8 59.6
254 0.0 9.0 13.6

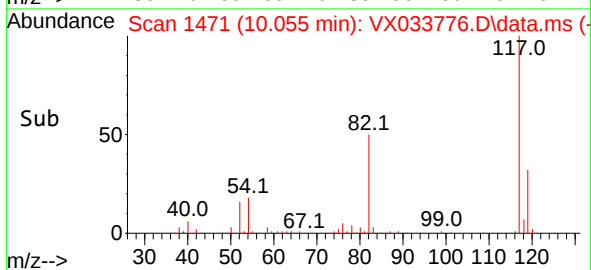
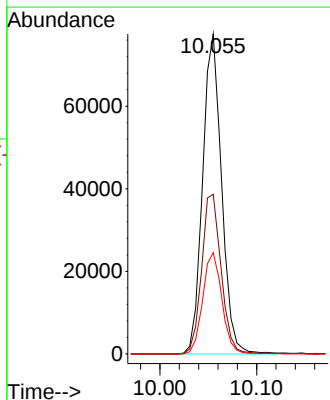
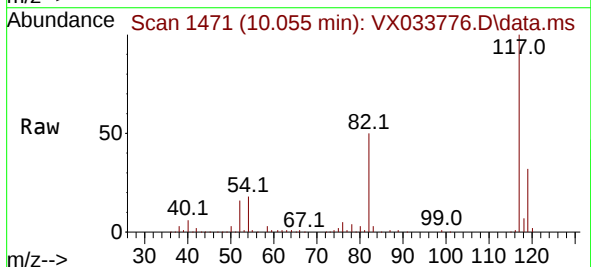
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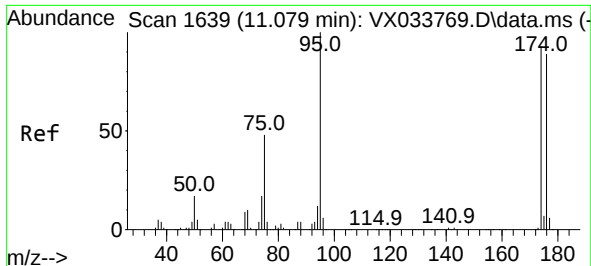
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033776.D
Acq: 18 Jan 2023 15:56

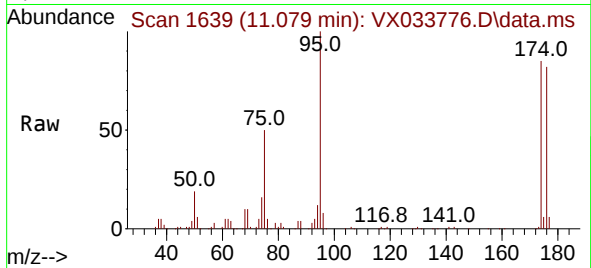
Tgt Ion:117 Resp: 105935
Ion Ratio Lower Upper
117 100
82 51.0 42.6 64.0
119 31.9 26.4 39.6





#60
4-Bromofluorobenzene
Concen: 27.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033776.D
Acq: 18 Jan 2023 15:56

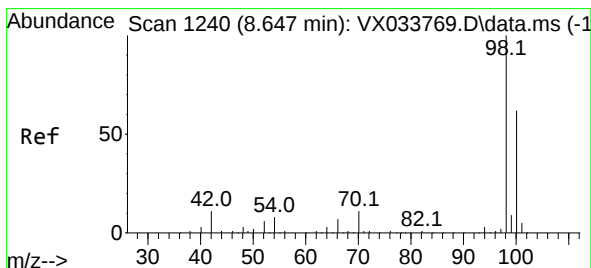
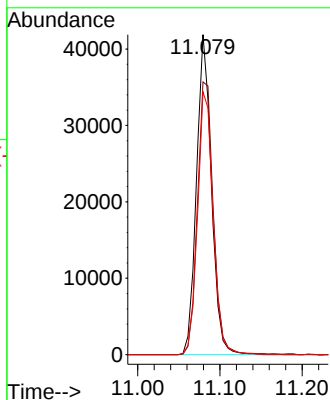
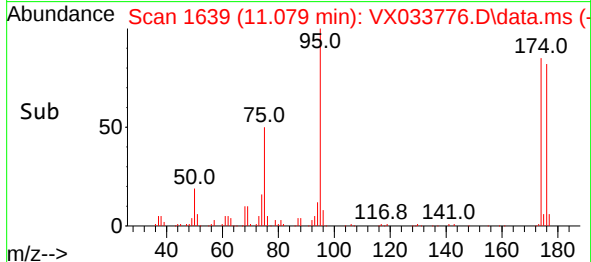
Instrument : MSVOA_X
ClientSampleId : DSN-001-SEWER-OUTLET-001



Tgt Ion: 95 Resp: 52923
Ion Ratio Lower Upper
95 100
174 90.8 74.6 111.8
176 86.1 72.2 108.2

Manual Integrations
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Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#63
Toluene-d8
Concen: 29.757 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033776.D
Acq: 18 Jan 2023 15:56

Tgt Ion: 98 Resp: 100573
Ion Ratio Lower Upper
98 100
100 67.6 52.7 79.1

