

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033781.D
 Acq On : 18 Jan 2023 17:51
 Operator : JC/MD
 Sample : 01137-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 19 03:33:14 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Bromochloromethane	4.903	128	15579	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	108104	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	114976	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	36918	30.622	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.067%			
60) 4-Bromofluorobenzene	11.079	95	58888	28.650	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.500%			
63) Toluene-d8	8.647	98	112706	30.725	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.400%			
Target Compounds						
15) Acetone	2.386	58	33485	141.470	ug/l	97
25) Chloroform	5.105	83	7451m	2.764	ug/l	
41) Bromodichloromethane	7.824	83	1609	0.786	ug/l #	80
53) Dibromochloromethane	9.525	129	393	0.226	ug/l	99

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

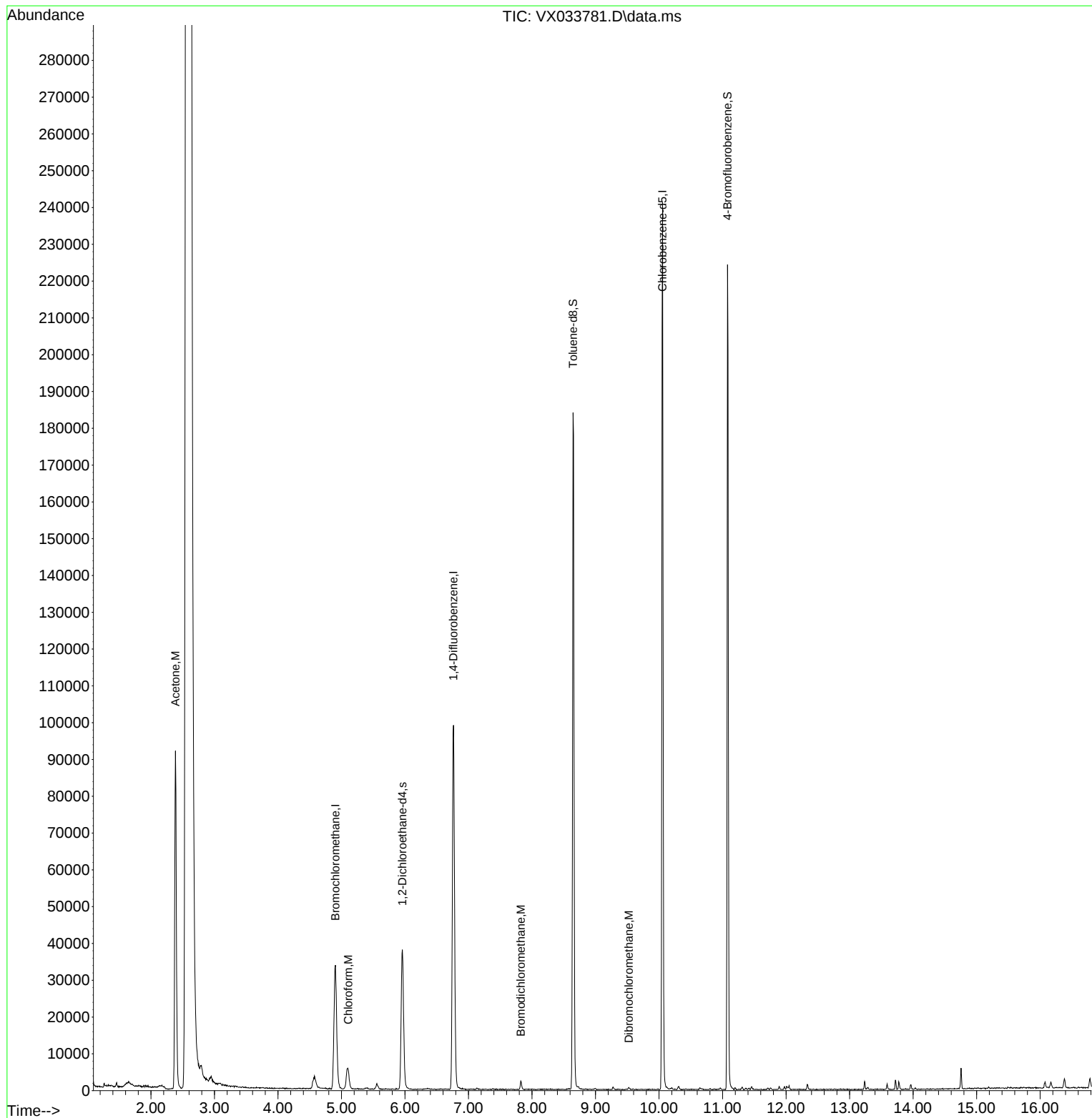
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
Data File : VX033781.D
Acq On : 18 Jan 2023 17:51
Operator : JC/MD
Sample : 01137-01DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

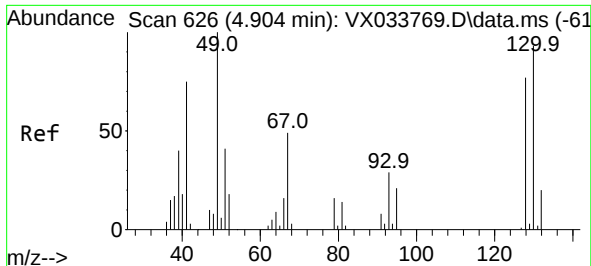
Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001DL

Quant Time: Jan 19 03:33:14 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

Manual Integrations
APPROVED

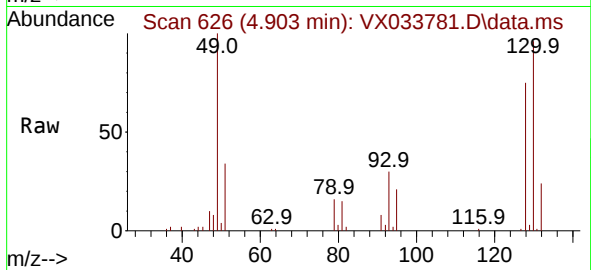
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX033781.D
Acq: 18 Jan 2023 17:51

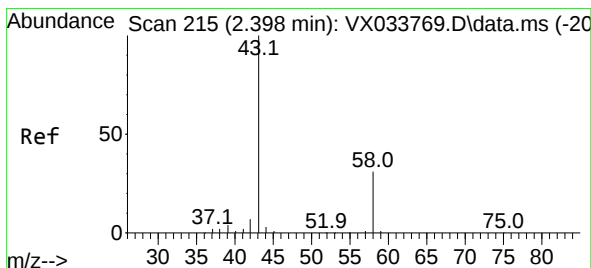
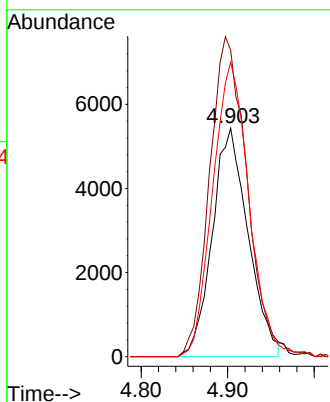
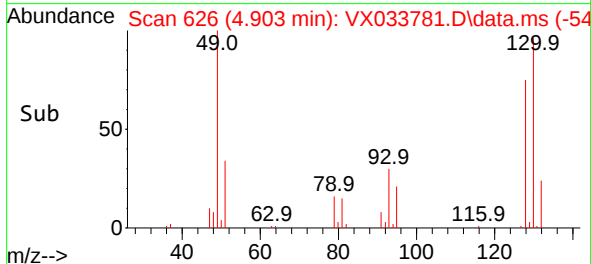
Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001DL



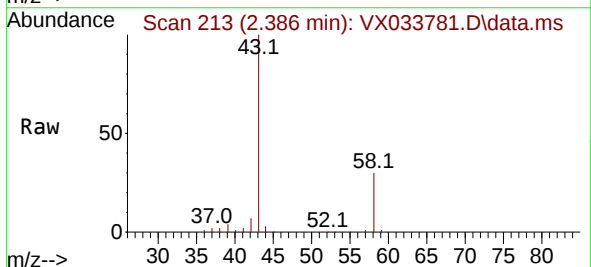
Tgt Ion:128 Resp: 15579
Ion Ratio Lower Upper
128 100
49 146.6 0.0 369.0
130 131.0 0.0 327.5

Manual Integrations
APPROVED

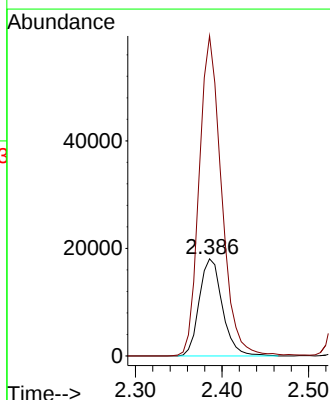
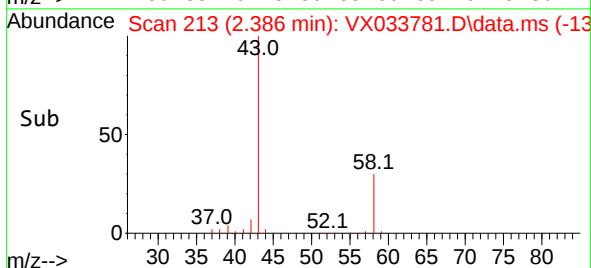
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

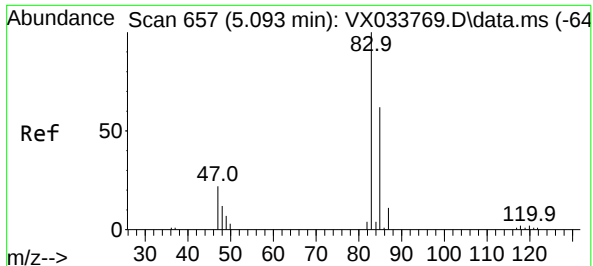


#15
Acetone
Concen: 141.470 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX033781.D
Acq: 18 Jan 2023 17:51



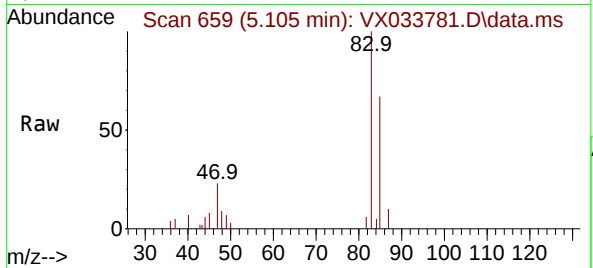
Tgt Ion: 58 Resp: 33485
Ion Ratio Lower Upper
58 100
43 328.8 258.6 388.0





#25
Chloroform
Concen: 2.764 ug/l m
RT: 5.105 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX033781.D
Acq: 18 Jan 2023 17:51

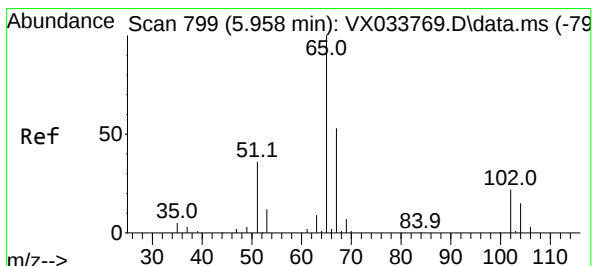
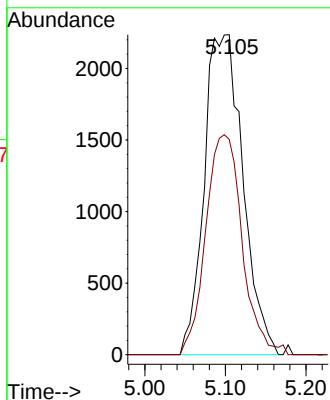
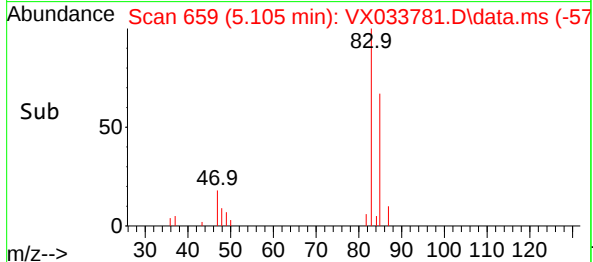
Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001DL



Tgt Ion: 83 Resp: 745
Ion Ratio Lower Upper
83 100
85 67.3 49.7 74.5

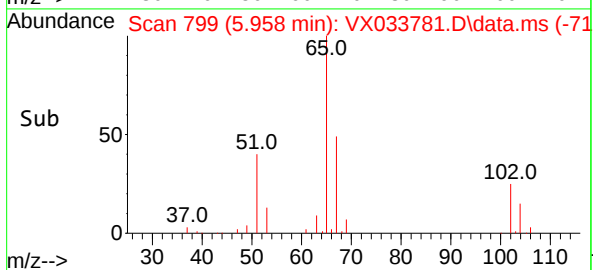
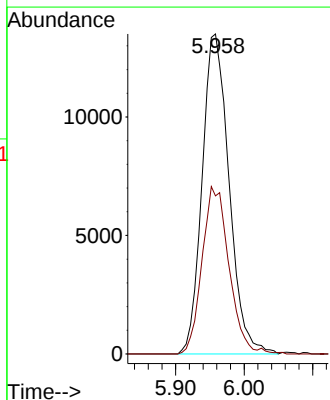
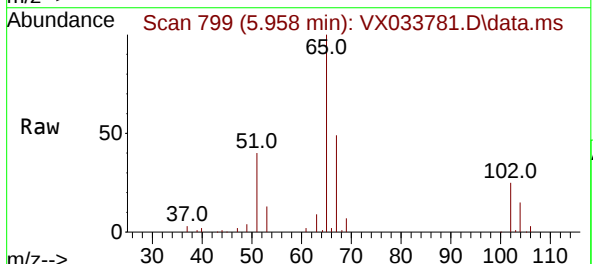
Manual Integrations
APPROVED

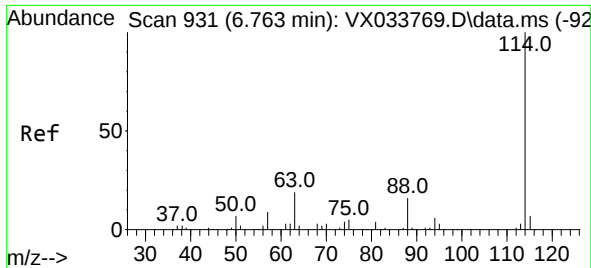
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#27
1,2-Dichloroethane-d4
Concen: 30.622 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033781.D
Acq: 18 Jan 2023 17:51

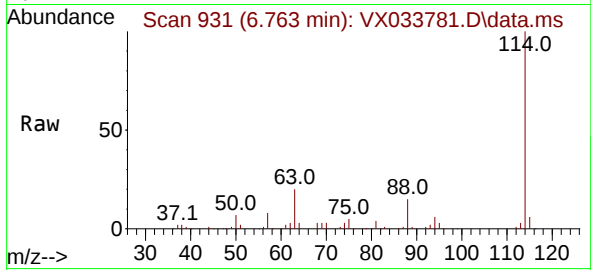
Tgt Ion: 65 Resp: 36918
Ion Ratio Lower Upper
65 100
67 51.8 43.0 64.4





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033781.D
Acq: 18 Jan 2023 17:51

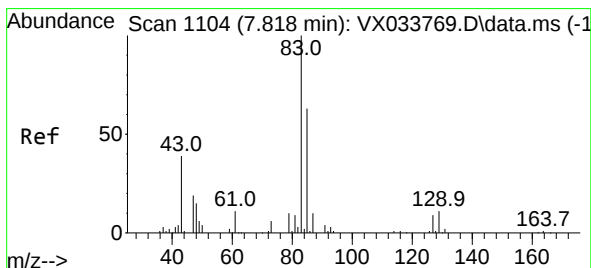
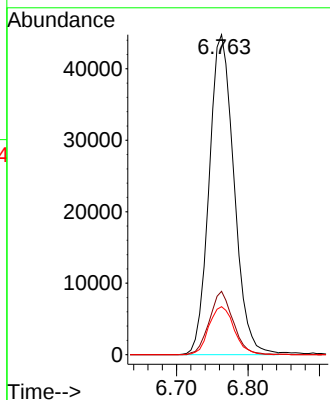
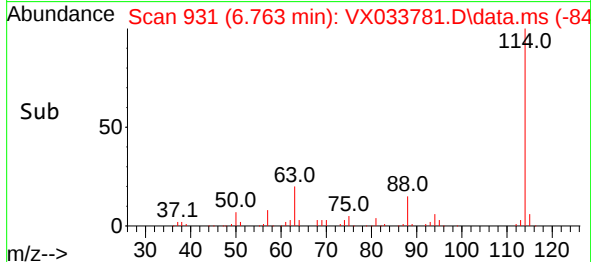
Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001DL



Tgt Ion:114 Resp: 108104
Ion Ratio Lower Upper
114 100
63 18.8 15.2 22.8
88 15.3 12.4 18.6

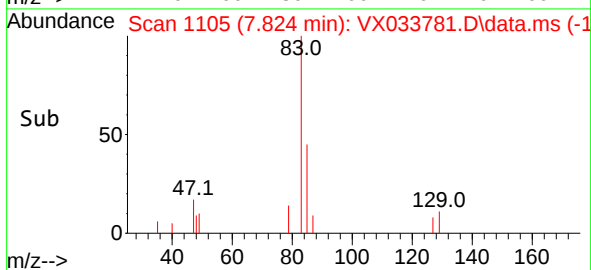
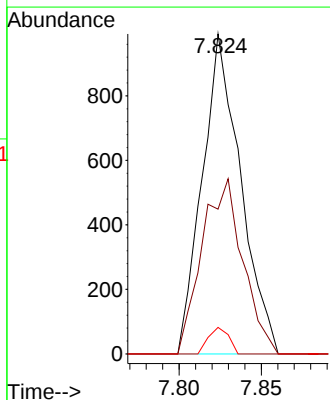
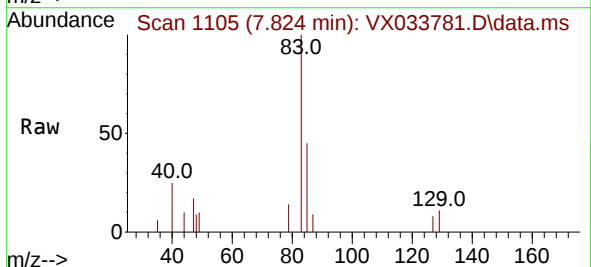
Manual Integrations
APPROVED

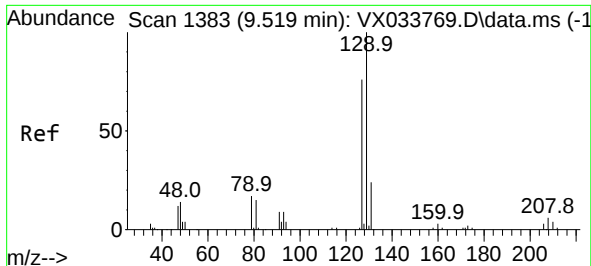
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#41
Bromodichloromethane
Concen: 0.786 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX033781.D
Acq: 18 Jan 2023 17:51

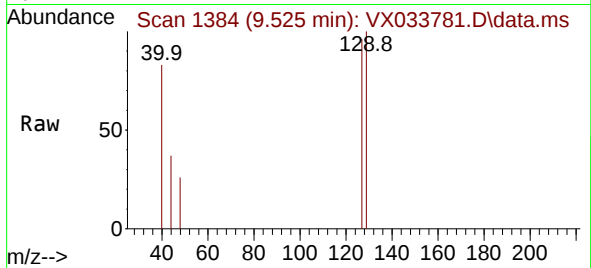
Tgt Ion: 83 Resp: 1609
Ion Ratio Lower Upper
83 100
85 45.3 50.5 75.7#
127 8.3 7.2 10.8





#53
Dibromochloromethane
Concen: 0.226 ug/l
RT: 9.525 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VX033781.D
Acq: 18 Jan 2023 17:51

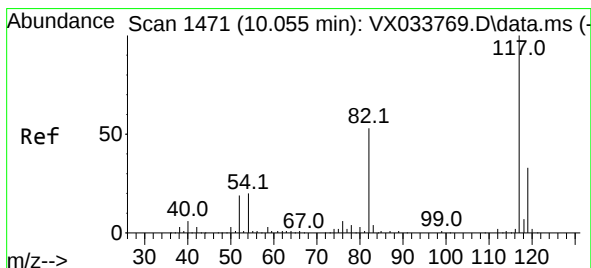
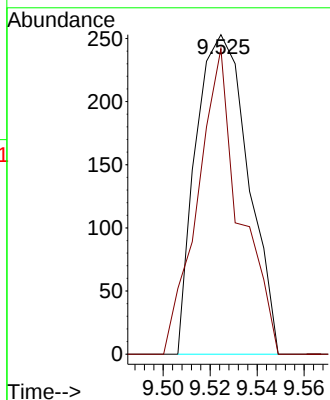
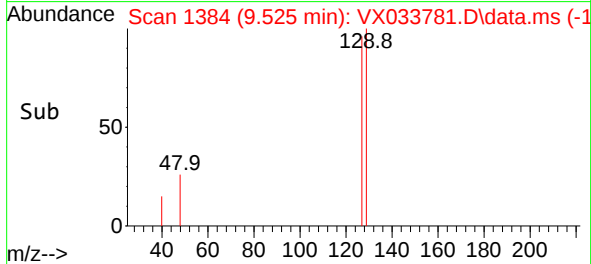
Instrument : MSVOA_X
ClientSampleId : DSN-001-SEWER-OUTLET-001DL



Tgt Ion:129 Resp: 398
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

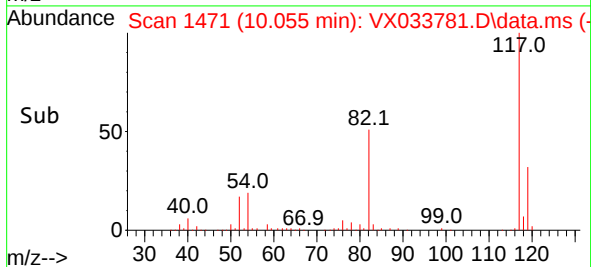
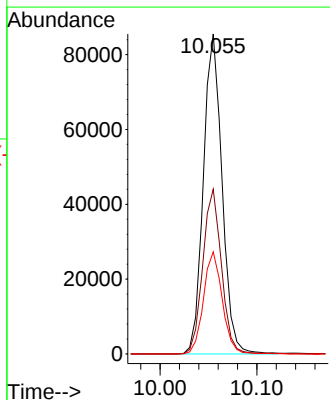
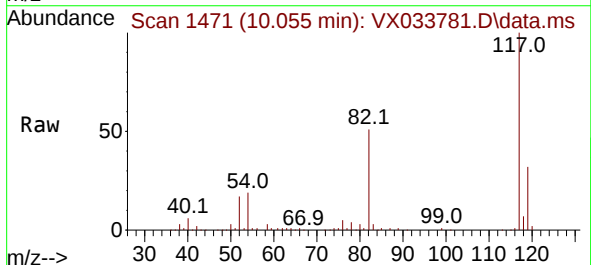
Manual Integrations
APPROVED

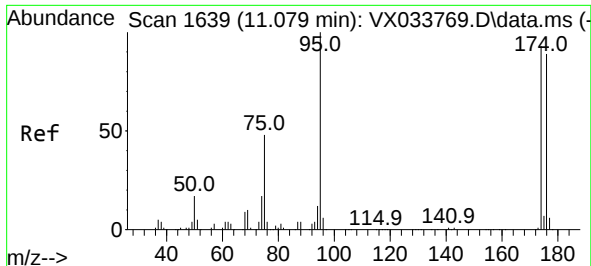
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033781.D
Acq: 18 Jan 2023 17:51

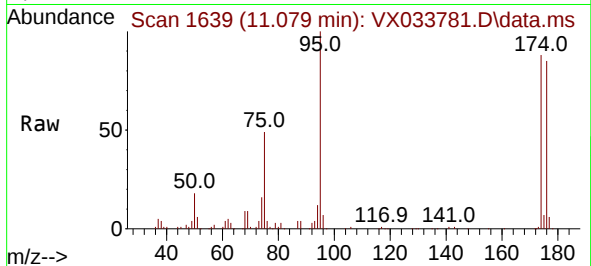
Tgt Ion:117 Resp: 114976
Ion Ratio Lower Upper
117 100
82 51.4 42.6 64.0
119 31.9 26.4 39.6





#60
4-Bromofluorobenzene
Concen: 28.650 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033781.D
Acq: 18 Jan 2023 17:51

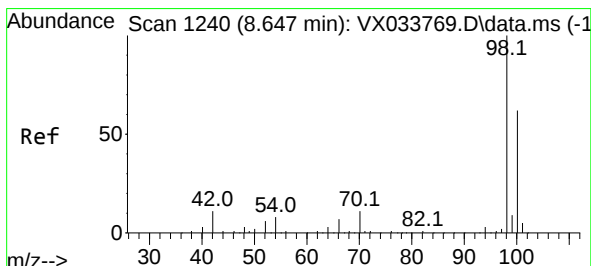
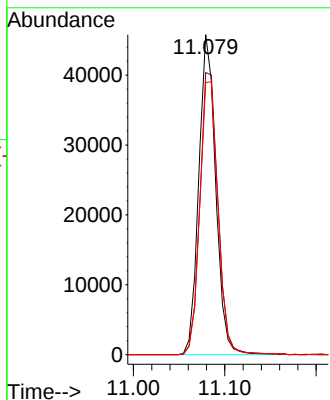
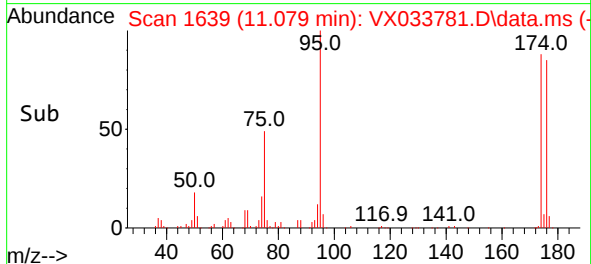
Instrument : MSVOA_X
ClientSampleId : DSN-001-SEWER-OUTLET-001DL



Tgt Ion: 95 Resp: 5888
Ion Ratio Lower Upper
95 100
174 93.7 74.6 111.8
176 91.8 72.2 108.2

Manual Integrations
APPROVED

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



#63
Toluene-d8
Concen: 30.725 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033781.D
Acq: 18 Jan 2023 17:51

Tgt Ion: 98 Resp: 112706
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1

