

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030425\
 Data File : VX045123.D
 Acq On : 04 Mar 2025 10:31
 Operator : JC/MD
 Sample : Q1456-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WASTE WATER

Quant Time: Mar 05 00:46:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/05/2025
 Supervised By : Mahesh Dadoda 03/05/2025

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

Internal Standards						
1) Bromochloromethane	4.885	128	15247	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	81841	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	77072	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	45644	30.822	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.733%			
60) 4-Bromofluorobenzene	11.079	95	40640	28.211	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.033%			
63) Toluene-d8	8.647	98	123881	29.054	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.833%			
Target Compounds						
15) Acetone	2.380	58	140175	777.979	ug/l #	59
20) Diisopropyl ether	3.757	45	2523m	0.606	ug/l	
25) Chloroform	5.087	83	5206	2.328	ug/l	98
30) 2-Butanone	4.562	43	23973	27.569	ug/l #	96
41) Bromodichloromethane	7.818	83	700	0.418	ug/l #	96

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

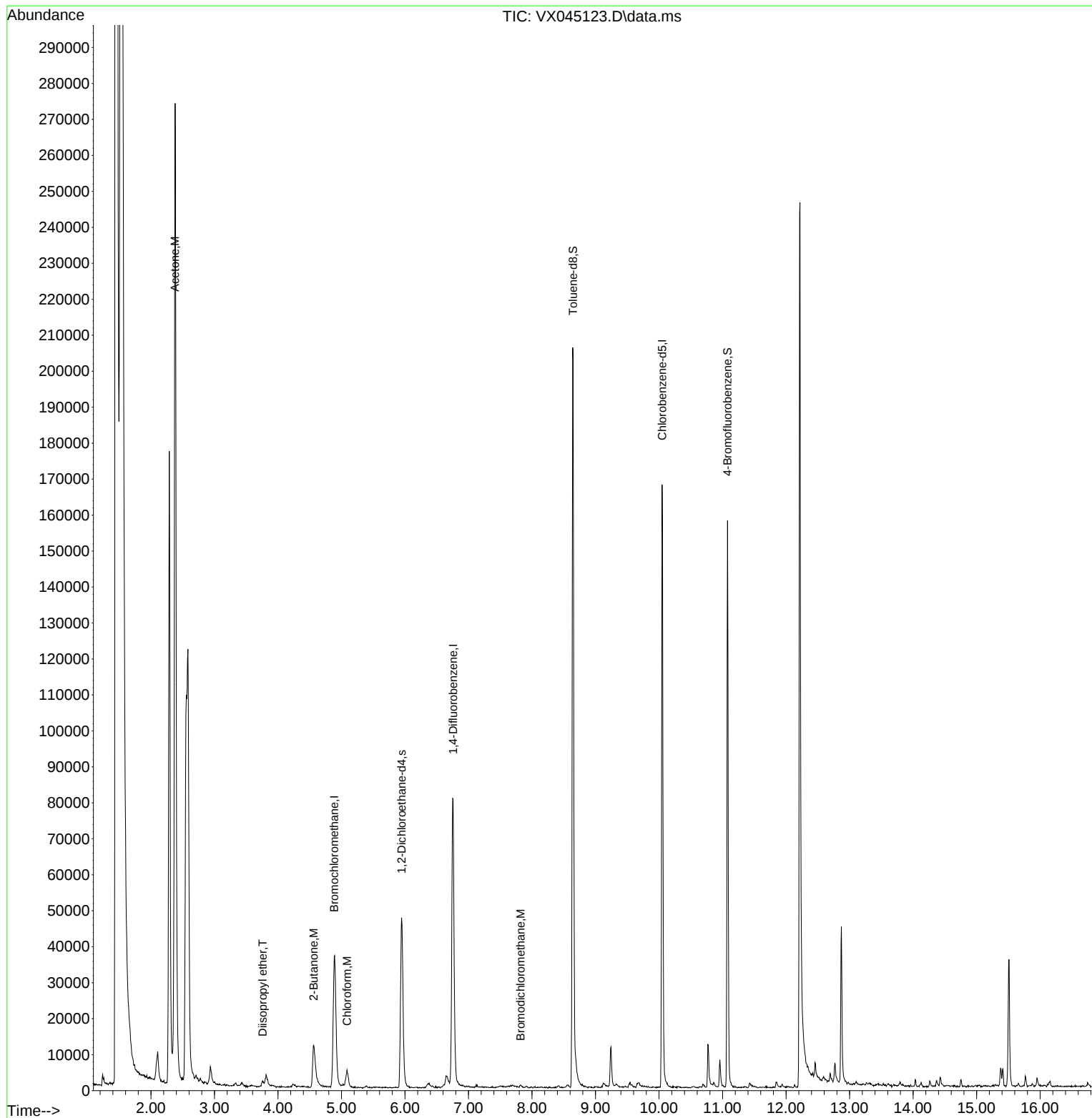
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030425\
Data File : VX045123.D
Acq On : 04 Mar 2025 10:31
Operator : JC/MD
Sample : Q1456-01 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

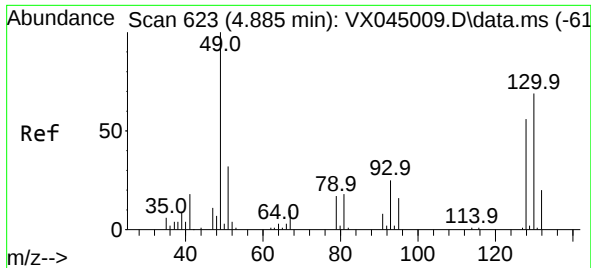
Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE WATER

Quant Time: Mar 05 00:46:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 01:06:36 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

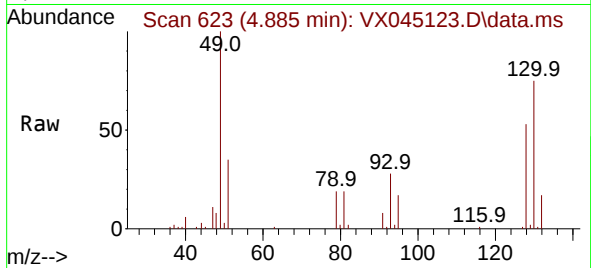
Reviewed By : John Carlone 03/05/2025
Supervised By : Mahesh Dadoda 03/05/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045123.D
Acq: 04 Mar 2025 10:31

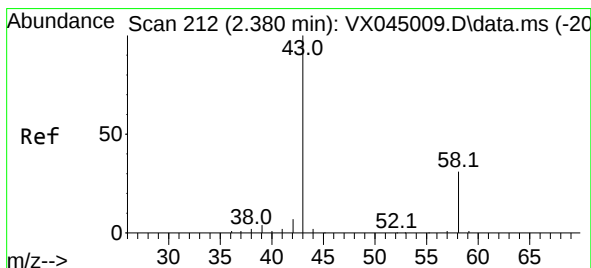
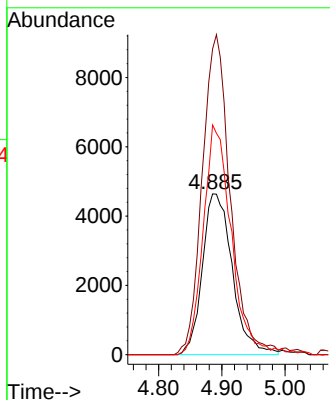
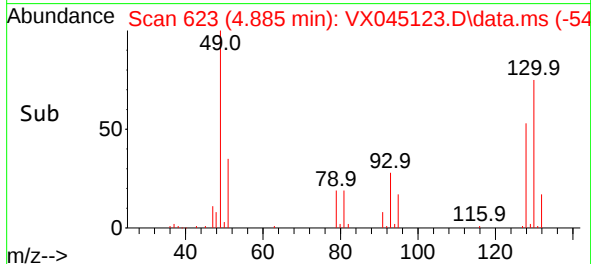
Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE WATER



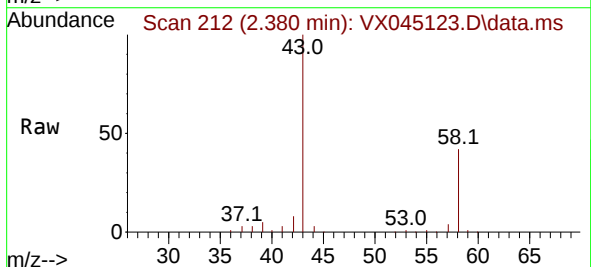
Tgt Ion:128 Resp: 1524
Ion Ratio Lower Upper
128 100
49 184.1 0.0 449.7
130 132.6 0.0 312.7

Manual Integrations
APPROVED

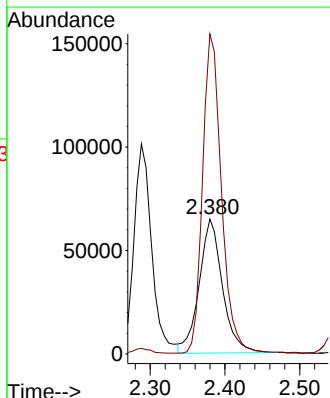
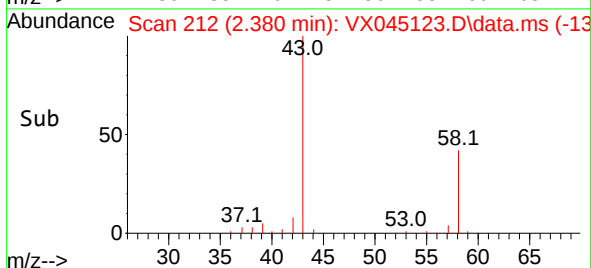
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

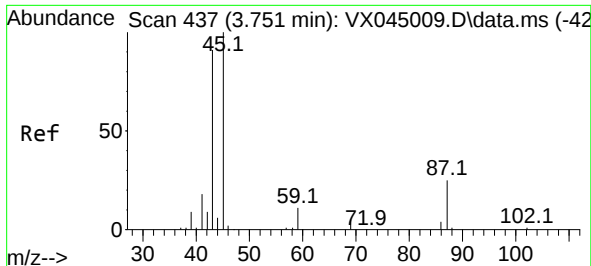


#15
Acetone
Concen: 777.979 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX045123.D
Acq: 04 Mar 2025 10:31



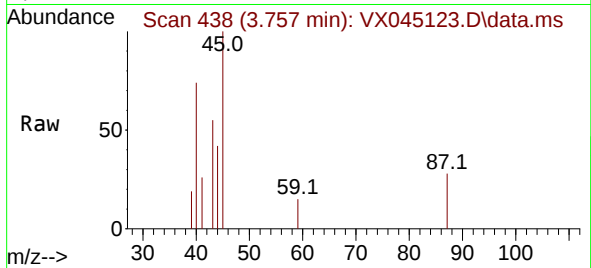
Tgt Ion: 58 Resp: 140175
Ion Ratio Lower Upper
58 100
43 239.0 258.6 388.0#





#20
Diisopropyl ether
Concen: 0.606 ug/l m
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX045123.D
Acq: 04 Mar 2025 10:31

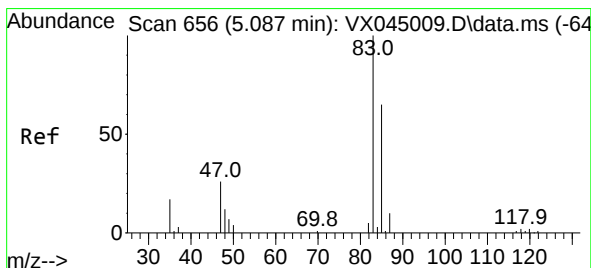
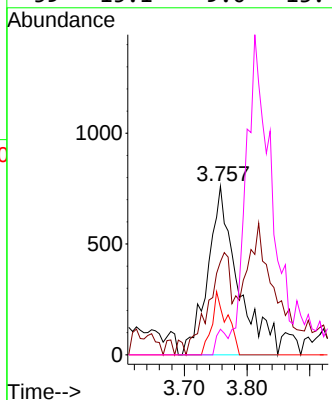
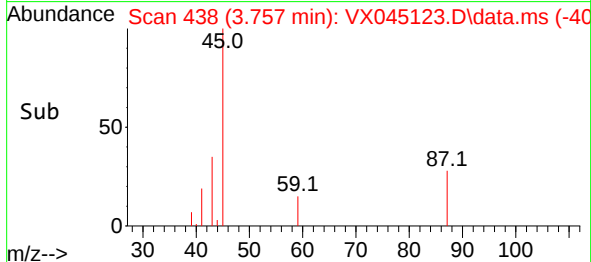
Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE WATER



Tgt Ion: 45 Resp: 252
Ion Ratio Lower Upper
45 100
43 55.2 74.4 111.6
87 28.0 19.8 29.8
59 15.1 9.0 13.4#

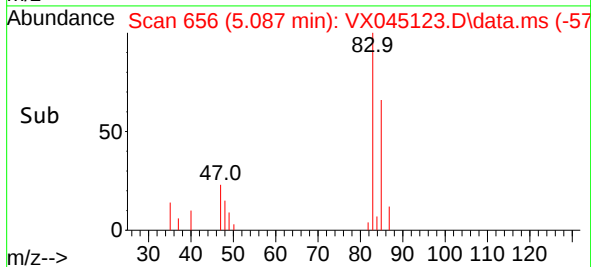
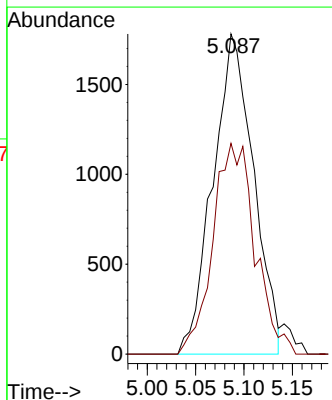
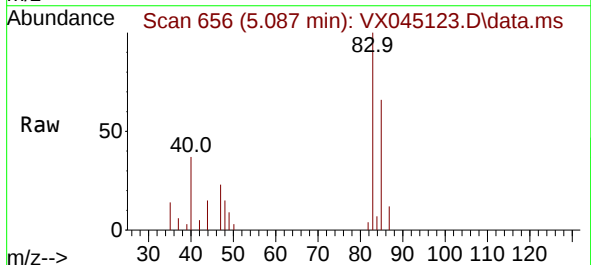
Manual Integrations
APPROVED

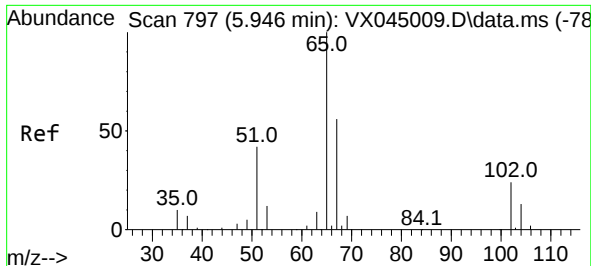
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#25
Chloroform
Concen: 2.328 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045123.D
Acq: 04 Mar 2025 10:31

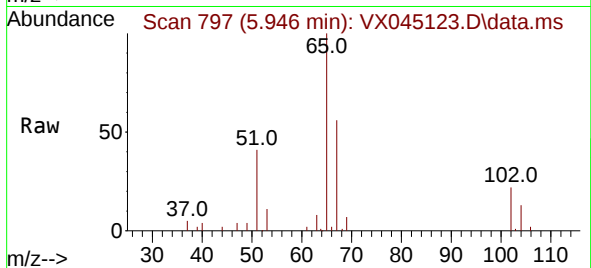
Tgt Ion: 83 Resp: 5206
Ion Ratio Lower Upper
83 100
85 65.8 51.7 77.5





#27
 1,2-Dichloroethane-d4
 Concen: 30.822 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VX045123.D
 Acq: 04 Mar 2025 10:31

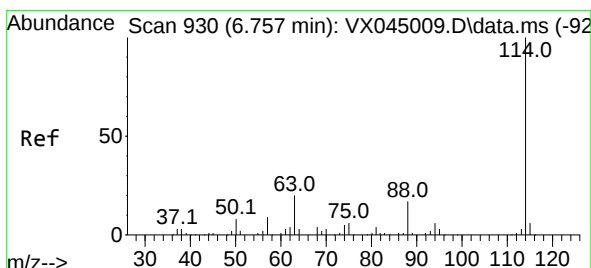
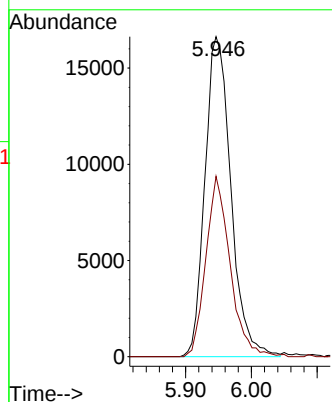
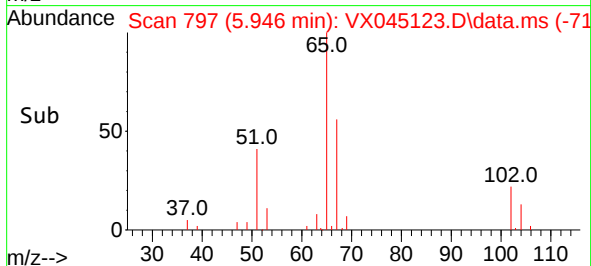
Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WASTE WATER



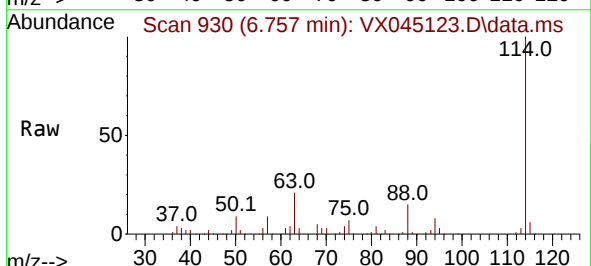
Tgt Ion: 65 Resp: 45644
 Ion Ratio Lower Upper
 65 100
 67 52.0 42.6 64.0

Manual Integrations
 APPROVED

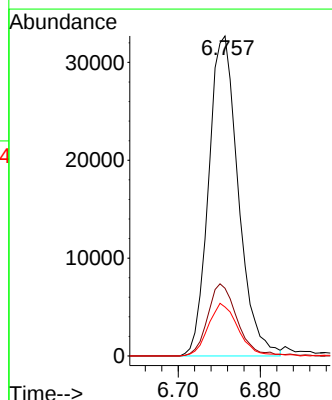
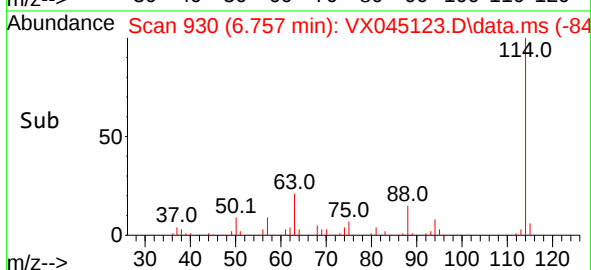
Reviewed By :John Carlone 03/05/2025
 Supervised By :Mahesh Dadoda 03/05/2025

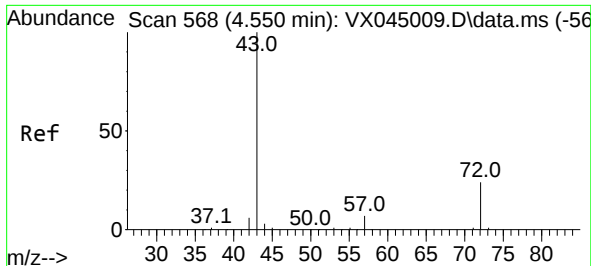


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045123.D
 Acq: 04 Mar 2025 10:31



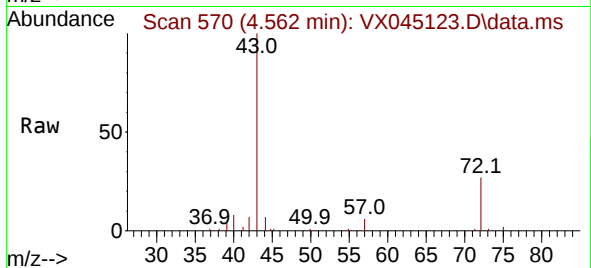
Tgt Ion:114 Resp: 81841
 Ion Ratio Lower Upper
 114 100
 63 21.9 16.8 25.2
 88 16.5 12.7 19.1





#30
2-Butanone
Concen: 27.569 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX045123.D
Acq: 04 Mar 2025 10:31

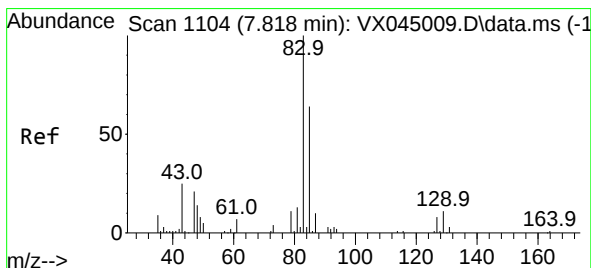
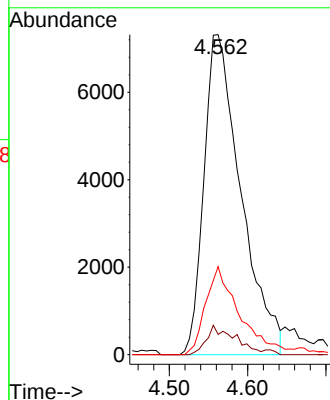
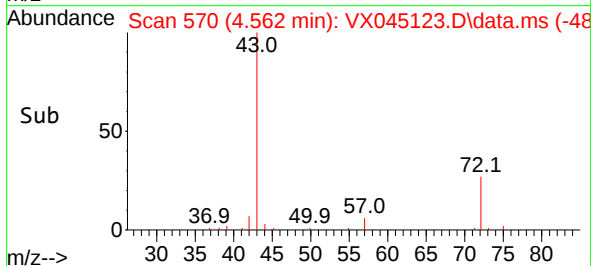
Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE WATER



Tgt Ion: 43 Resp: 2397
Ion Ratio Lower Upper
43 100
57 3.0 6.2 9.2
72 24.3 20.2 30.2

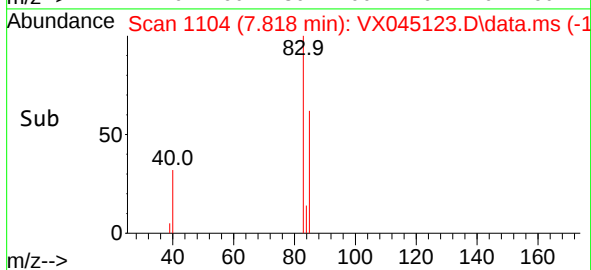
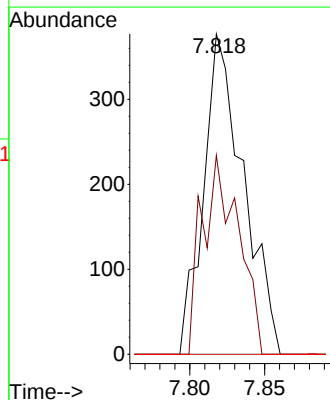
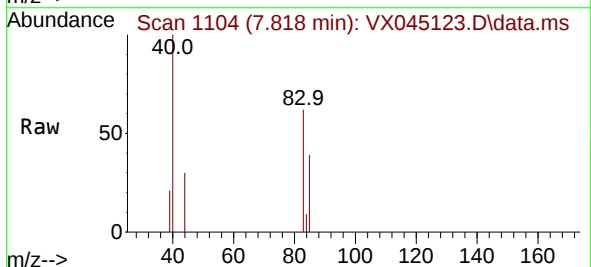
Manual Integrations
APPROVED

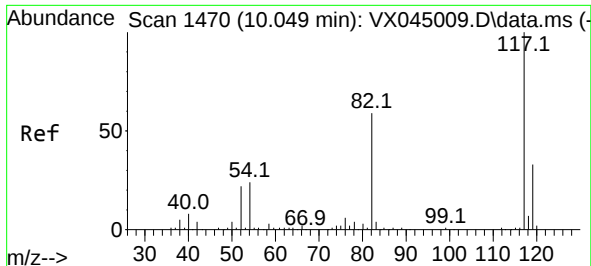
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#41
Bromodichloromethane
Concen: 0.418 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045123.D
Acq: 04 Mar 2025 10:31

Tgt Ion: 83 Resp: 700
Ion Ratio Lower Upper
83 100
85 62.1 51.0 76.6
127 0.0 6.1 9.1





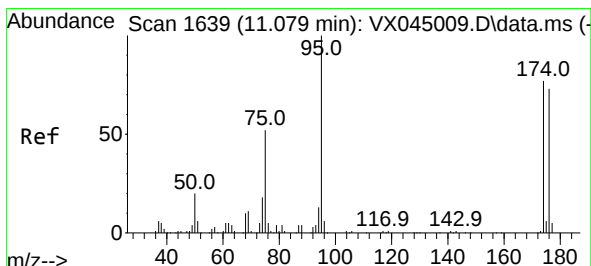
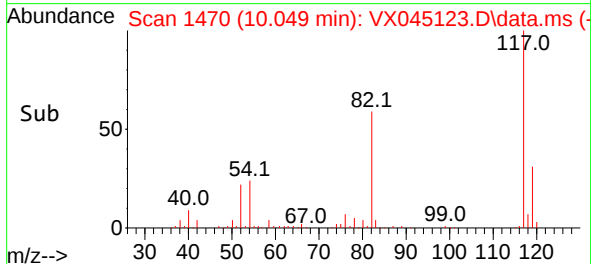
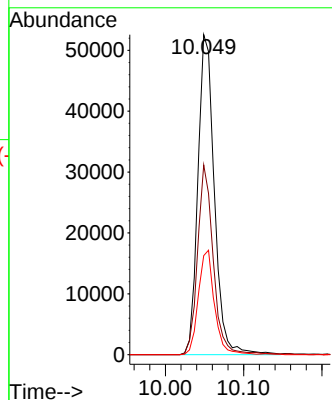
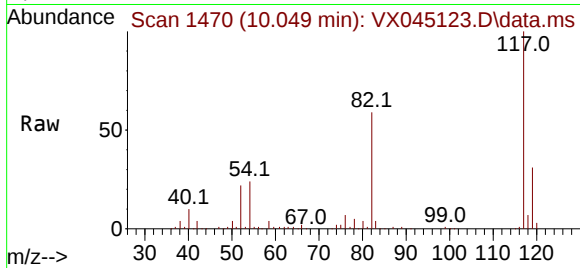
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045123.D
Acq: 04 Mar 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:117 Resp: 77072
Ion Ratio Lower Upper
117 100
82 56.0 45.8 68.8
119 31.9 25.5 38.3

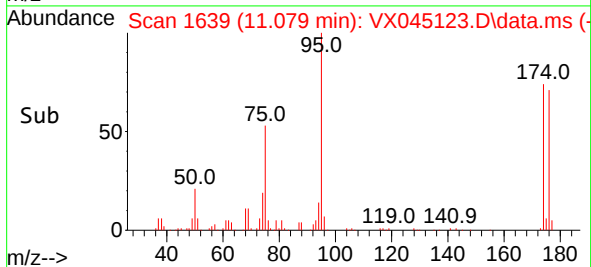
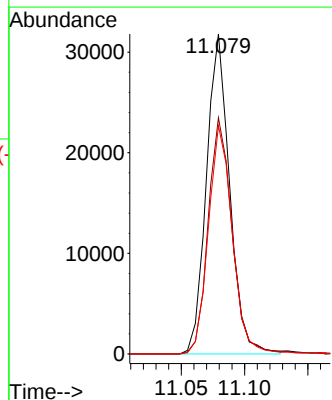
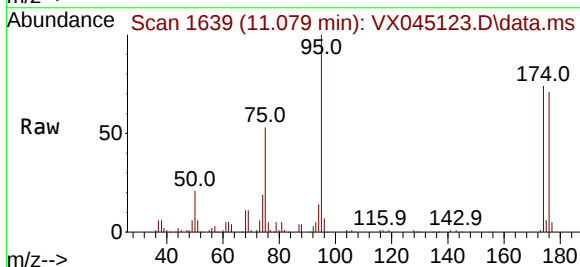
Manual Integrations
APPROVED

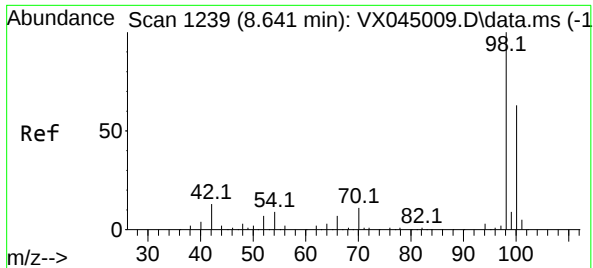
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#60
4-Bromofluorobenzene
Concen: 28.211 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045123.D
Acq: 04 Mar 2025 10:31

Tgt Ion: 95 Resp: 40640
Ion Ratio Lower Upper
95 100
174 76.2 59.5 89.3
176 73.4 55.5 83.3





#63
Toluene-d8
Concen: 29.054 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045123.D
Acq: 04 Mar 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE WATER

Tgt Ion: 98 Resp: 12388
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

