

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040221.D
 Acq On : 14 Feb 2024 15:32
 Operator : JC/MD
 Sample : P1371-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T120-AOP

Quant Time: Feb 15 00:03:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	72952	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	121998	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46402	42.755	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.500%		
35) Dibromofluoromethane	5.385	113	39829	46.749	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.500%		
50) Toluene-d8	8.647	98	145039	45.510	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.020%#		
62) 4-Bromofluorobenzene	11.079	95	59250	45.585	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.180%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3667	8.227	ug/l	# 89
30) Chloroform	5.099	83	3774	2.286	ug/l	# 79
47) Bromodichloromethane	7.824	83	1284m	1.042	ug/l	
60) Dibromochloromethane	9.525	129	555	0.584	ug/l	93

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

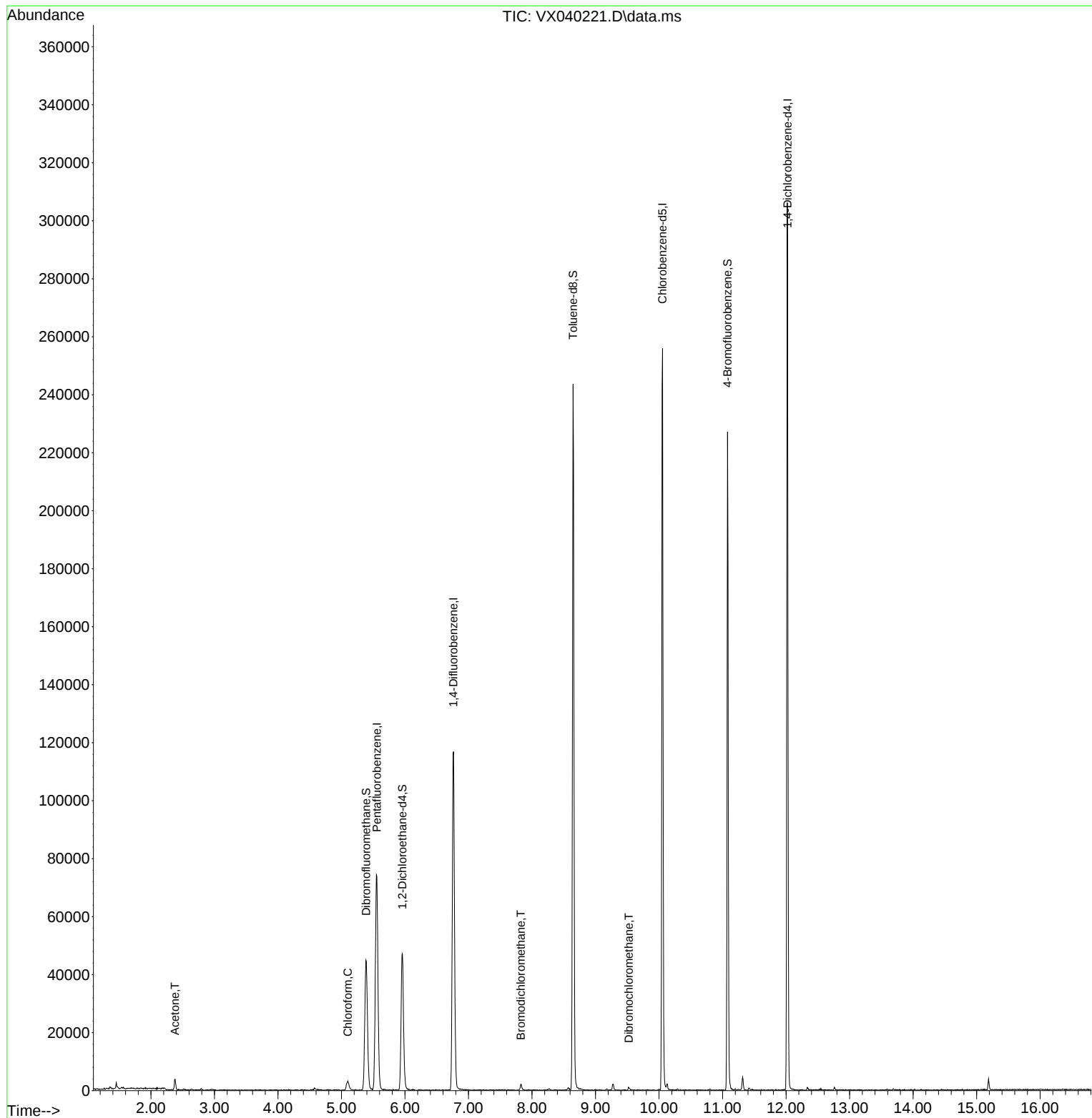
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
Data File : VX040221.D
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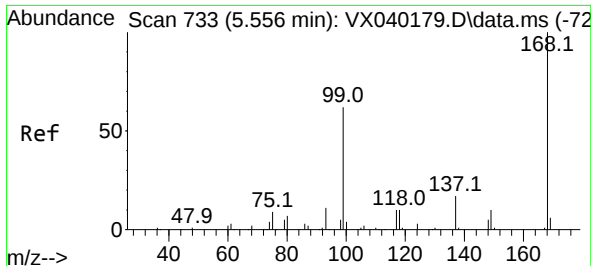
Instrument :
MSVOA_X
ClientSampleId :
T120-AOP

Quant Time: Feb 15 00:03:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
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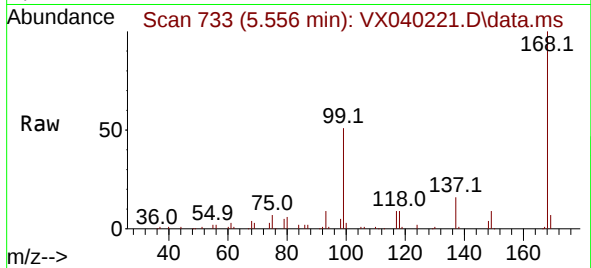
Reviewed By : John Carlone 02/15/2024
Supervised By : Mahesh Dadoda 02/15/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX040221.D
Acq: 14 Feb 2024 15:32

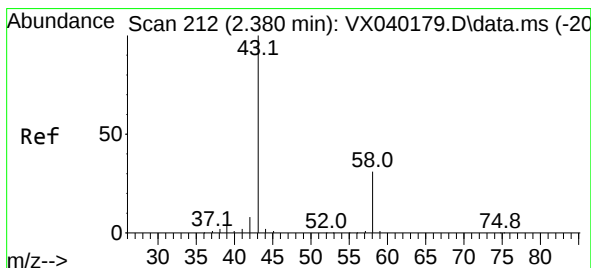
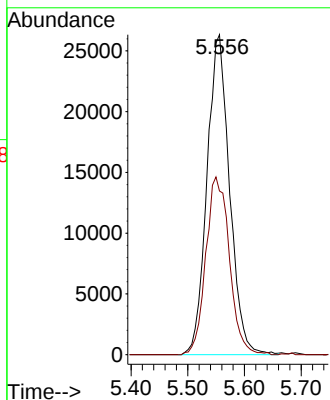
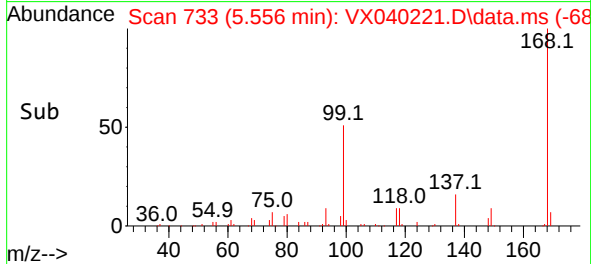
Instrument :
MSVOA_X
ClientSampleId :
T120-AOP



Tgt Ion:168 Resp: 72952
Ion Ratio Lower Upper
168 100
99 51.1 56.6 85.0

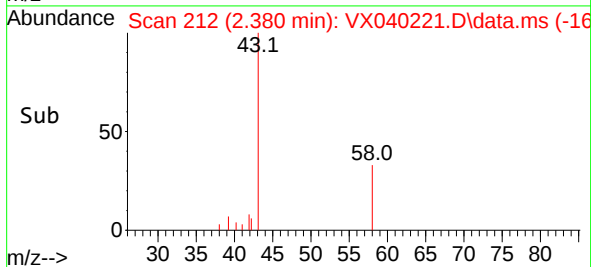
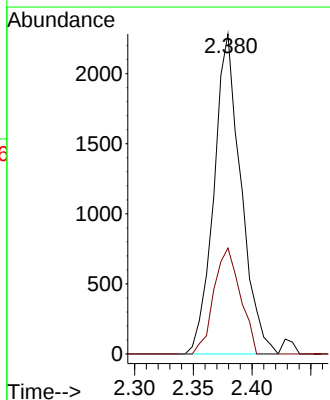
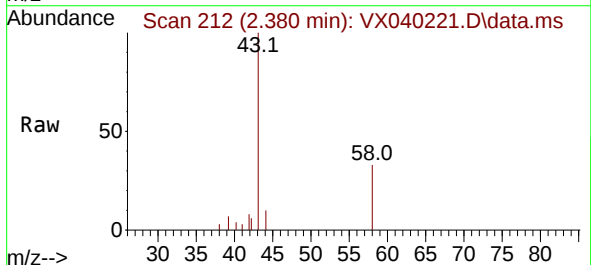
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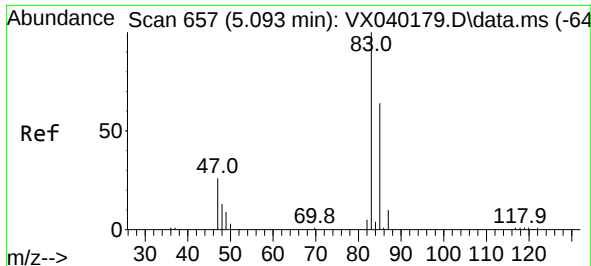
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#16
Acetone
Concen: 8.227 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040221.D
Acq: 14 Feb 2024 15:32

Tgt Ion: 43 Resp: 3667
Ion Ratio Lower Upper
43 100
58 33.1 21.9 32.9





#30

Chloroform

Concen: 2.286 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX040221.D

Acq: 14 Feb 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

T120-AOP

Tgt Ion: 83 Resp: 3774

Ion Ratio Lower Upper

83 100

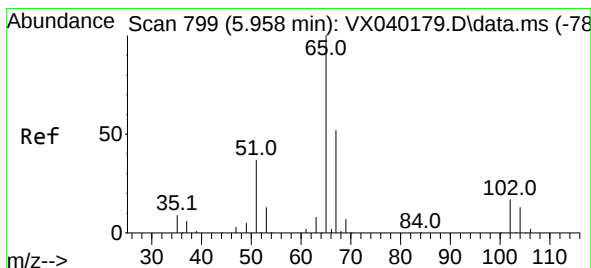
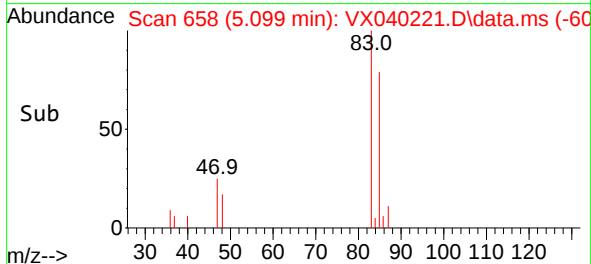
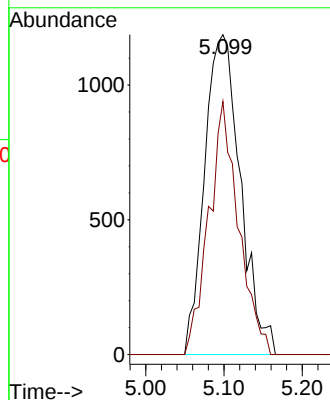
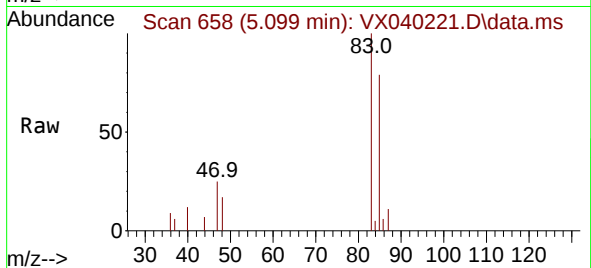
85 79.1 50.3 75.5

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 42.755 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040221.D

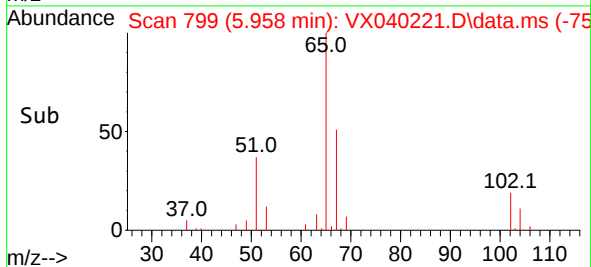
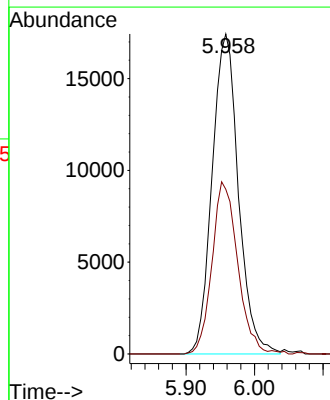
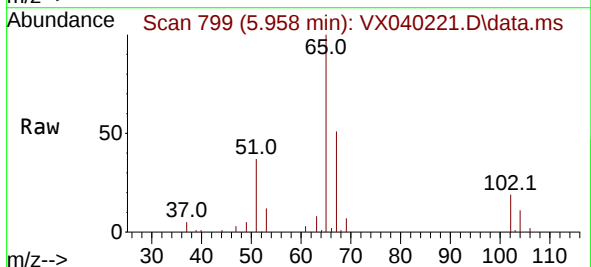
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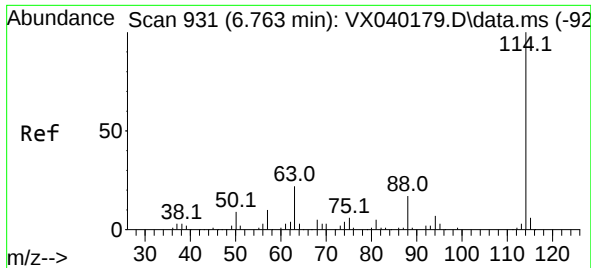
Tgt Ion: 65 Resp: 46402

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2





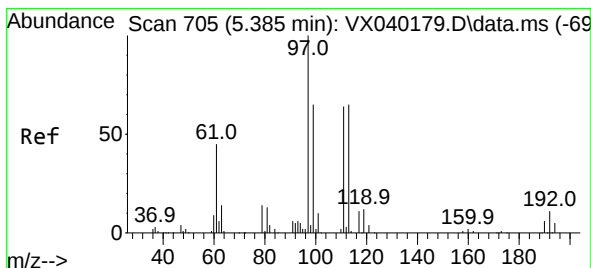
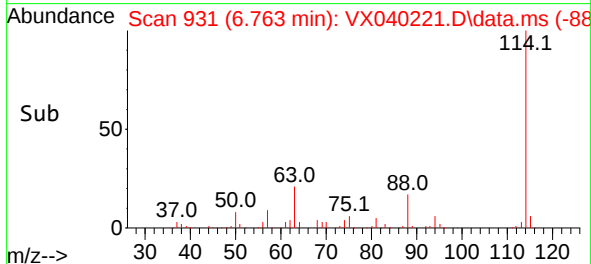
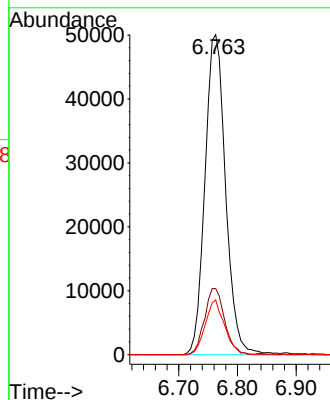
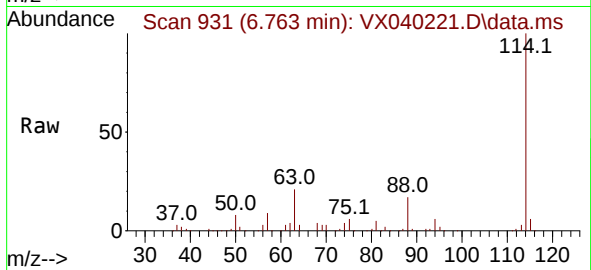
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX040221.D
Acq: 14 Feb 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :
T120-AOP

Tgt Ion:114 Resp: 121998
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 17.1 0.0 36.6

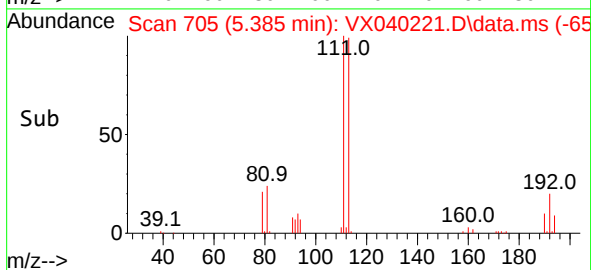
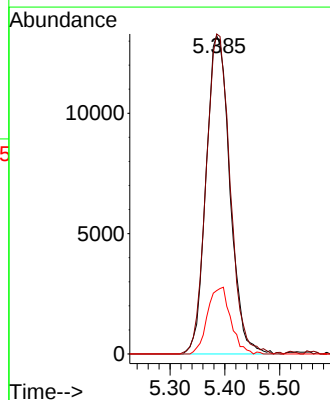
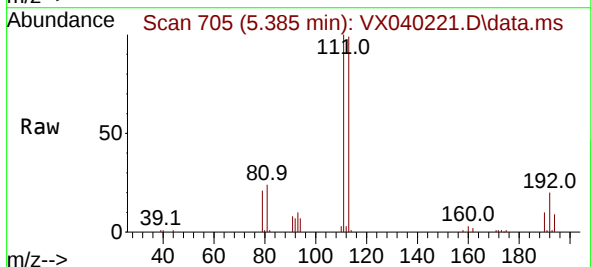
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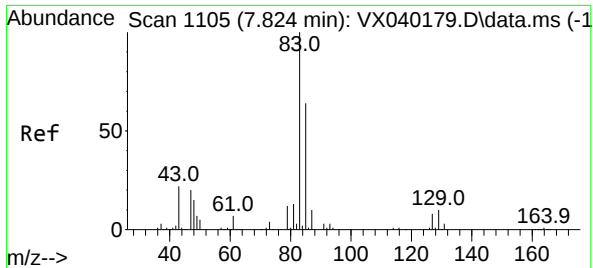
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#35
Dibromofluoromethane
Concen: 46.749 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040221.D
Acq: 14 Feb 2024 15:32

Tgt Ion:113 Resp: 39829
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 20.3 13.3 19.9#





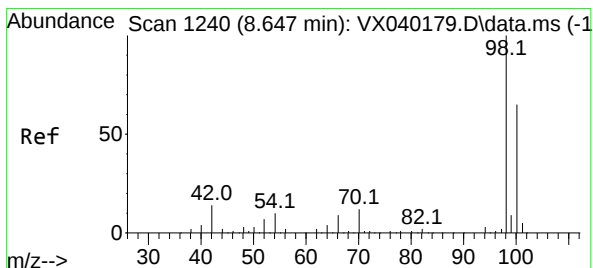
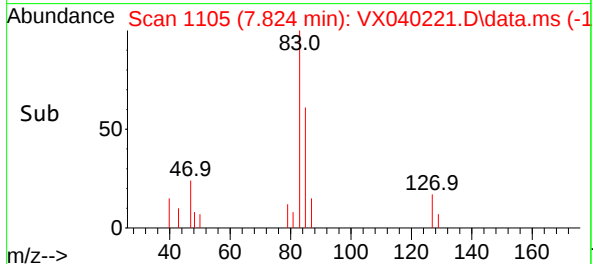
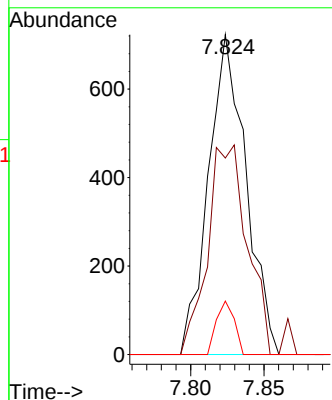
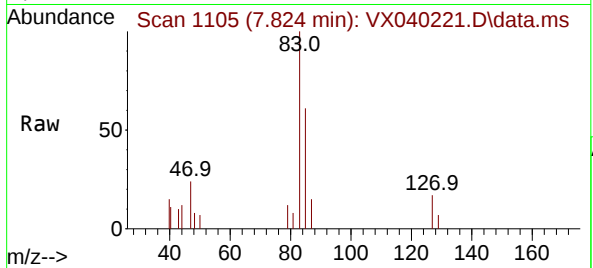
#47
Bromodichloromethane
Concen: 1.042 ug/l m
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX040221.D
Acq: 14 Feb 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :
T120-AOP

Tgt Ion: 83 Resp: 1284
Ion Ratio Lower Upper
83 100
85 61.4 49.8 74.6
127 16.7 7.1 10.7

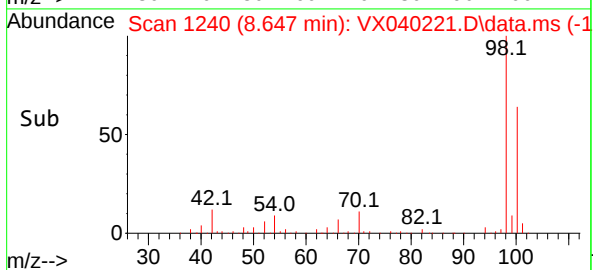
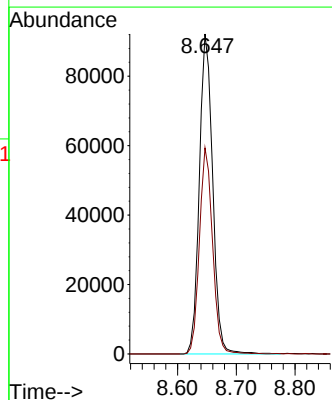
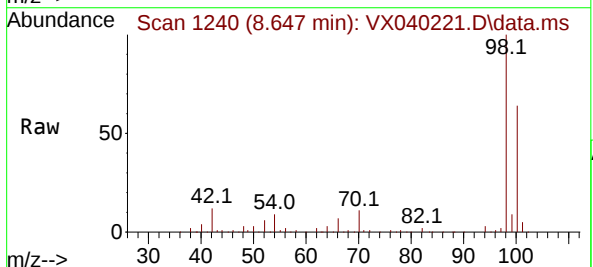
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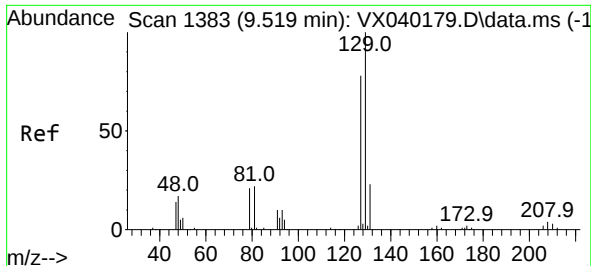
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#50
Toluene-d8
Concen: 45.510 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040221.D
Acq: 14 Feb 2024 15:32

Tgt Ion: 98 Resp: 145039
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7





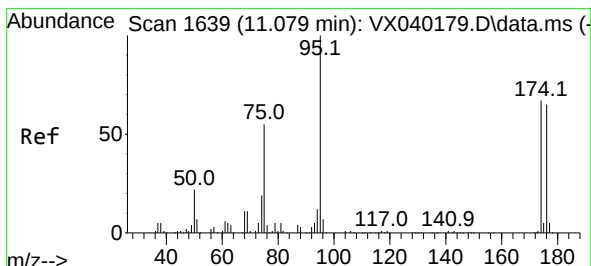
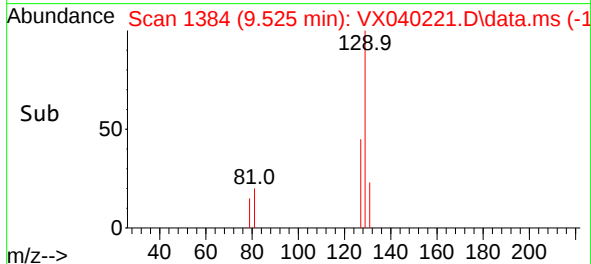
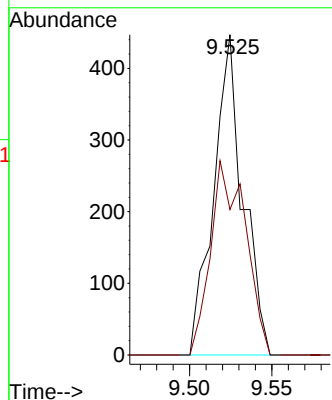
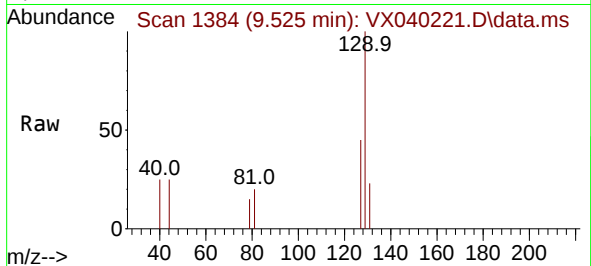
#60
Dibromochloromethane
Concen: 0.584 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040221.D
Acq: 14 Feb 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :
T120-AOP

Tgt Ion:129 Resp: 55
Ion Ratio Lower Upper
129 100
127 71.9 38.8 116.4

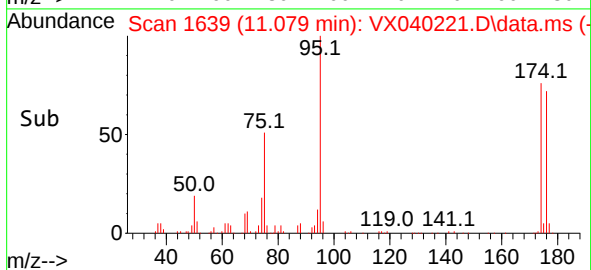
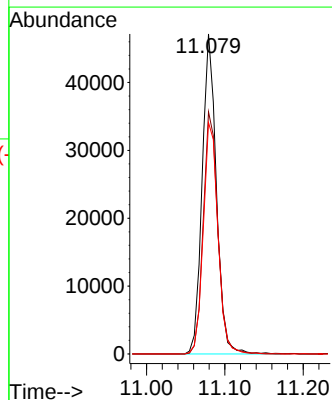
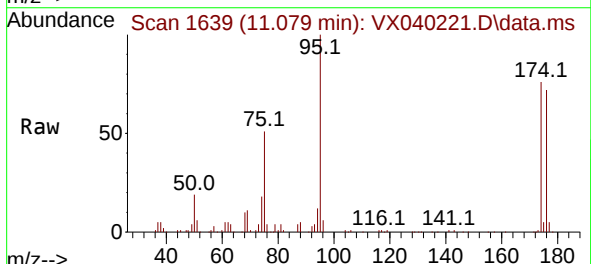
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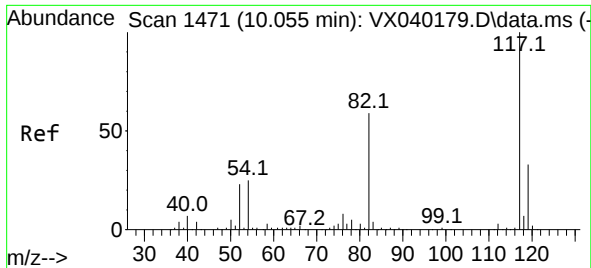
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#62
4-Bromofluorobenzene
Concen: 45.585 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040221.D
Acq: 14 Feb 2024 15:32

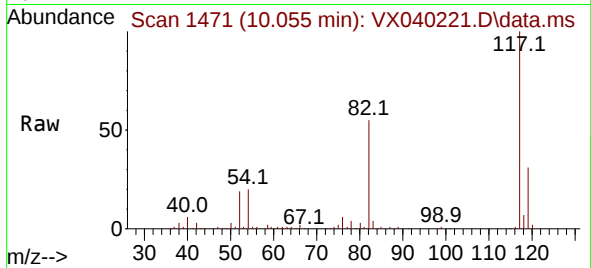
Tgt Ion: 95 Resp: 59250
Ion Ratio Lower Upper
95 100
174 77.9 0.0 135.6
176 74.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040221.D
Acq: 14 Feb 2024 15:32

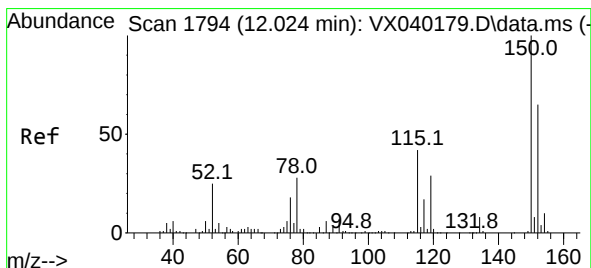
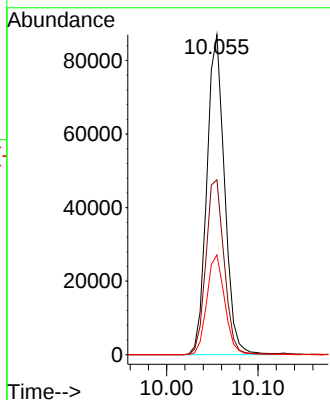
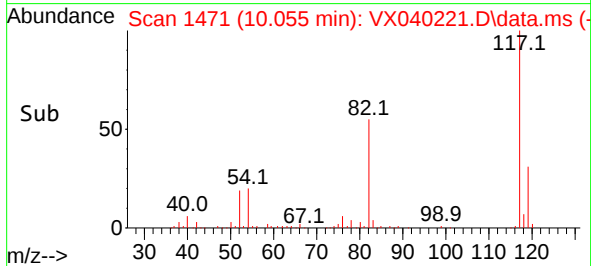
Instrument :
MSVOA_X
ClientSampleId :
T120-AOP



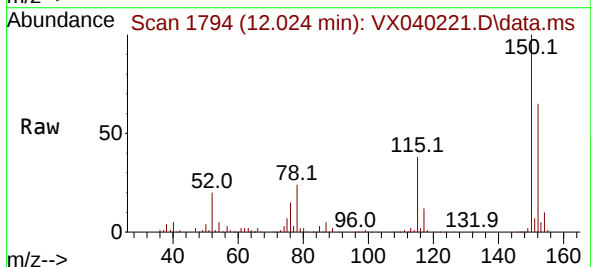
Tgt Ion:117 Resp: 117084
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 31.2 25.5 38.3

Manual Integrations
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Supervised By :Mahesh Dadoda 02/15/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX040221.D
Acq: 14 Feb 2024 15:32



Tgt Ion:152 Resp: 62415
Ion Ratio Lower Upper
152 100
115 60.5 43.3 129.9
150 158.8 0.0 345.0

