

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
 Data File : VX041790.D
 Acq On : 07 Jun 2024 15:00
 Operator : JC/MD
 Sample : P2777-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240605074-05

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2024
 Supervised By : Mahesh Dadoda 06/10/2024

Quant Time: Jun 08 04:07:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	23741	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	131061	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	119236	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	59682	31.923	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.400%			
60) 4-Bromofluorobenzene	11.079	95	50565	27.166	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 90.567%			
63) Toluene-d8	8.647	98	149512	29.252	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.500%			
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	1242	5.763	ug/l	82
16) Carbon Disulfide	2.501	76	1306	0.476	ug/l	98
24) Methyl tert-Butyl Ether	3.123	73	5229	1.153	ug/l	100
25) Chloroform	5.105	83	2008m	0.742	ug/l	
41) Bromodichloromethane	7.824	83	2043	1.068	ug/l	89
53) Dibromochloromethane	9.525	129	1875	1.163	ug/l	93
61) Tetrachloroethene	9.275	164	1232	0.845	ug/l	91

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

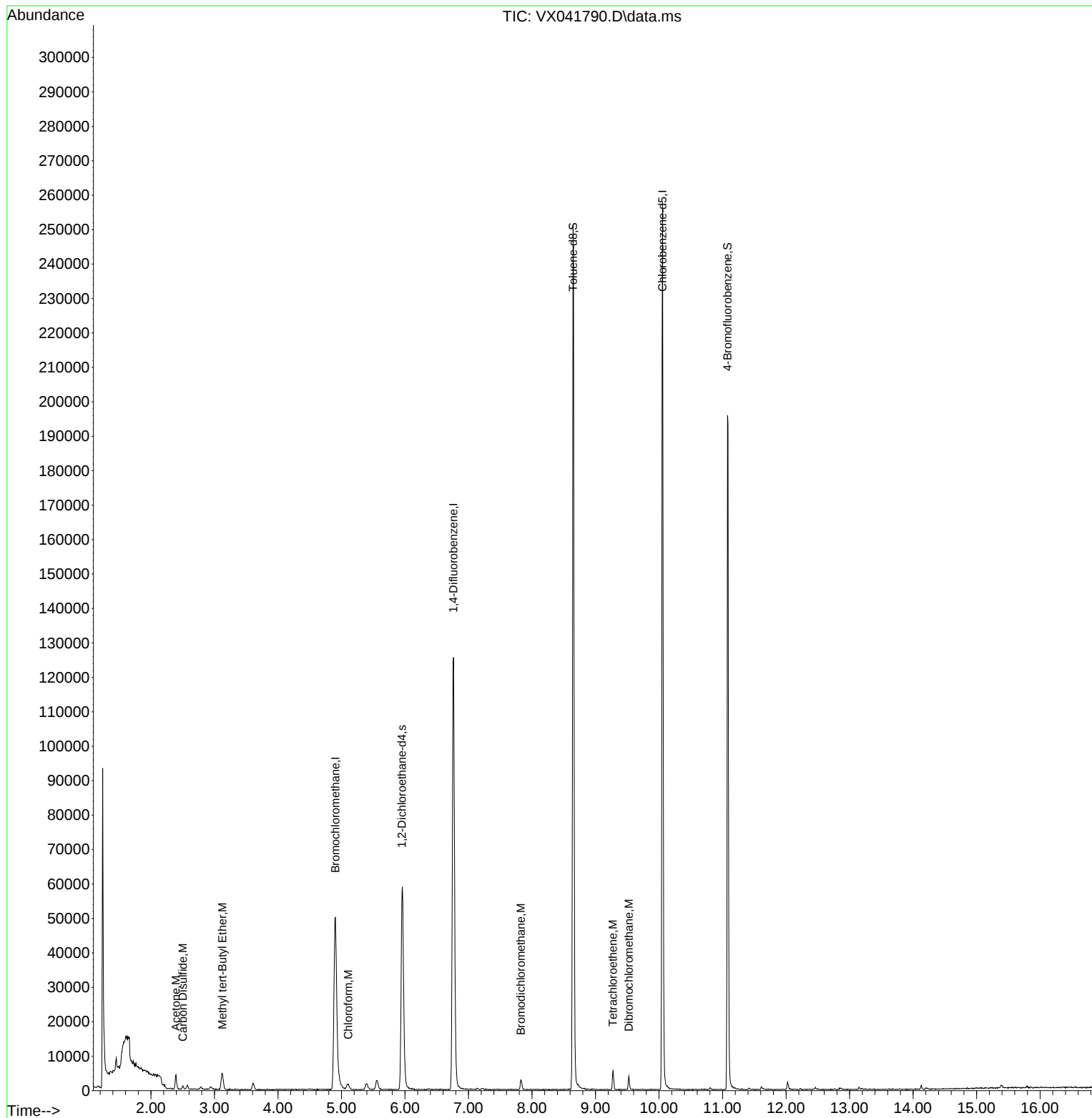
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
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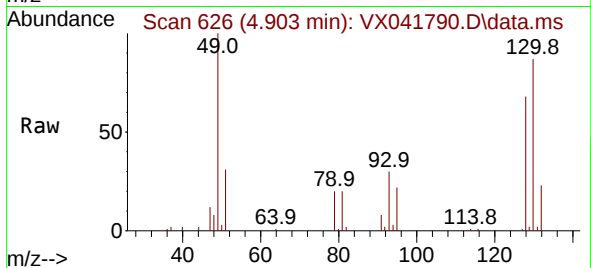
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041790.D
Acq: 07 Jun 2024 15:00

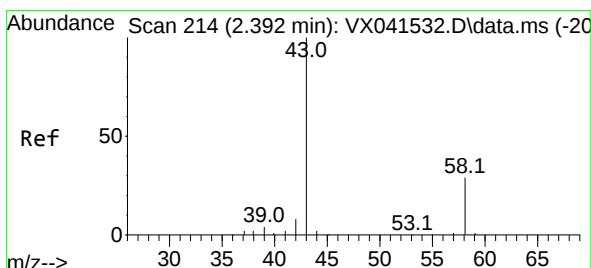
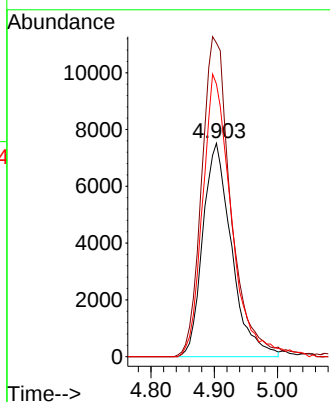
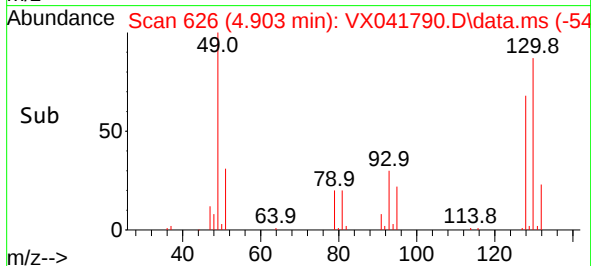
Instrument :
MSVOA_X
ClientSampleId :
240605074-05



Tgt Ion:128 Resp: 2374
Ion Ratio Lower Upper
128 100
49 150.9 0.0 361.5
130 132.8 0.0 324.3

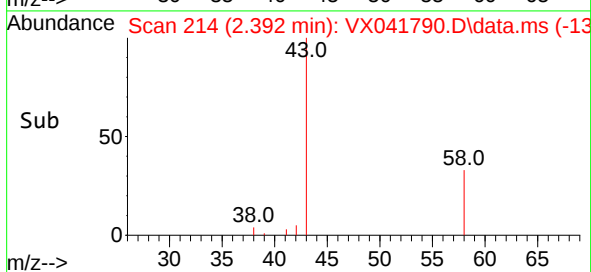
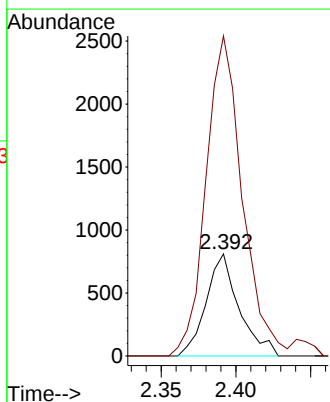
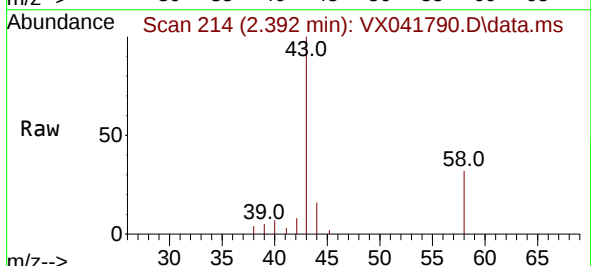
Manual Integrations
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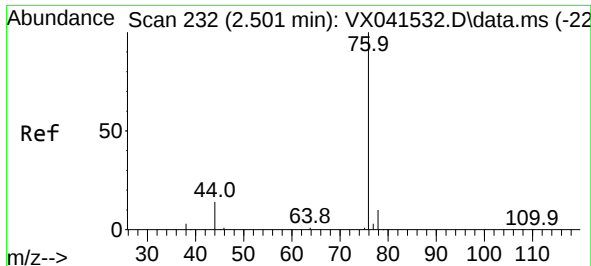
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#15
Acetone
Concen: 5.763 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041790.D
Acq: 07 Jun 2024 15:00

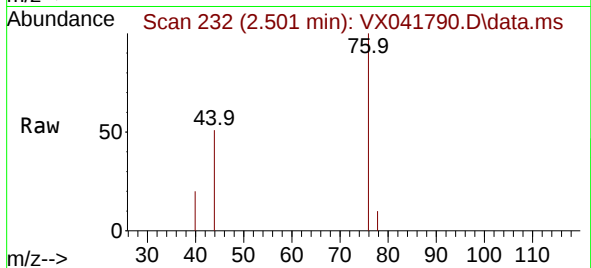
Tgt Ion: 58 Resp: 1242
Ion Ratio Lower Upper
58 100
43 304.9 274.0 411.0





#16
Carbon Disulfide
Concen: 0.476 ug/l
RT: 2.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041790.D
Acq: 07 Jun 2024 15:00

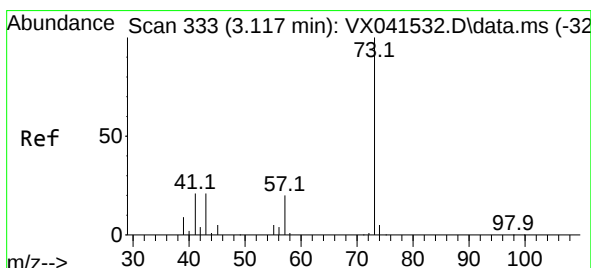
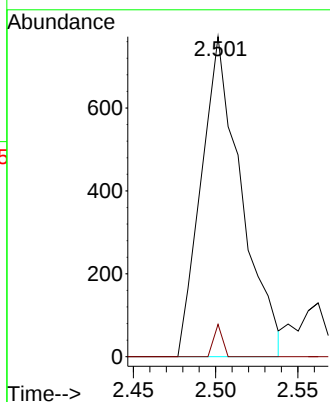
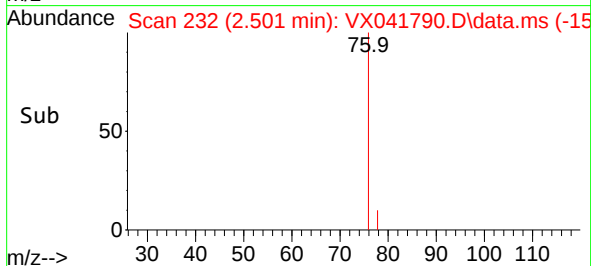
Instrument :
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ClientSampleId :
240605074-05



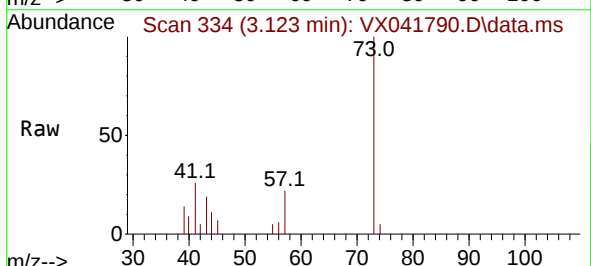
Tgt Ion: 76 Resp: 1300
Ion Ratio Lower Upper
76 100
78 10.1 7.6 11.4

Manual Integrations
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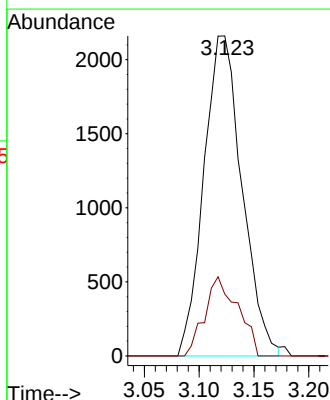
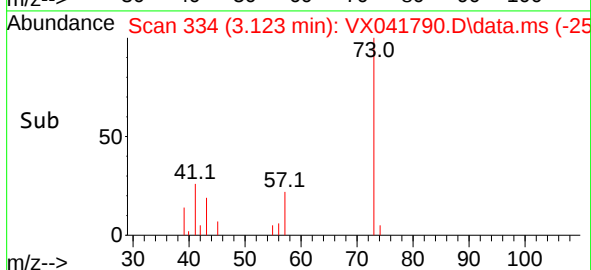
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024

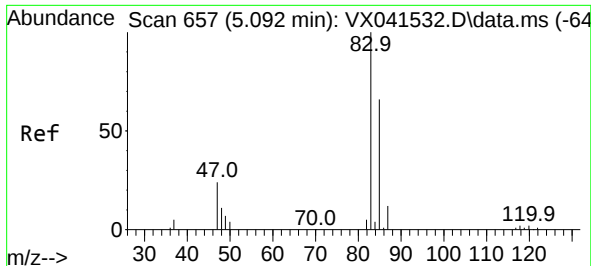


#24
Methyl tert-Butyl Ether
Concen: 1.153 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX041790.D
Acq: 07 Jun 2024 15:00



Tgt Ion: 73 Resp: 5229
Ion Ratio Lower Upper
73 100
43 21.4 17.2 25.8





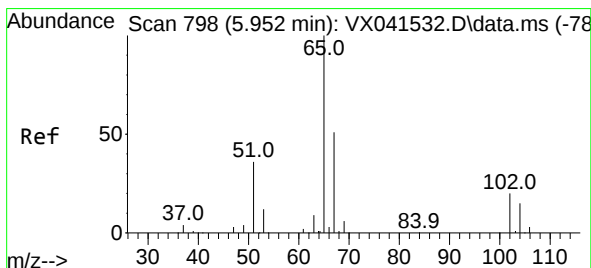
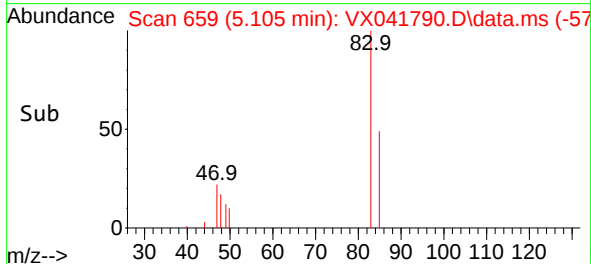
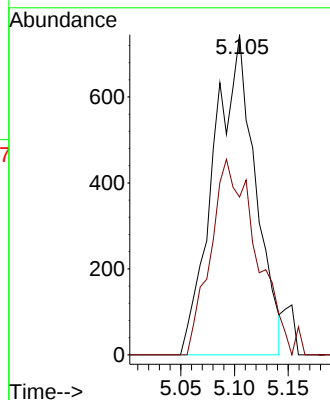
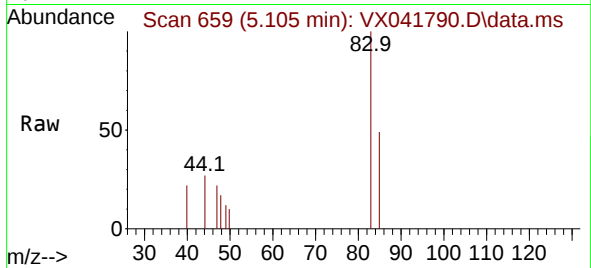
#25
Chloroform
Concen: 0.742 ug/l m
RT: 5.105 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX041790.D
Acq: 07 Jun 2024 15:00

Instrument :
MSVOA_X
ClientSampleId :
240605074-05

Tgt Ion: 83 Resp: 2008
Ion Ratio Lower Upper
83 100
85 49.3 52.9 79.3

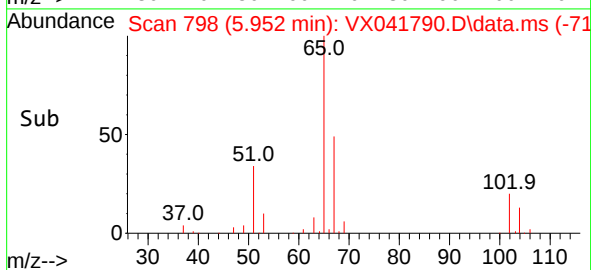
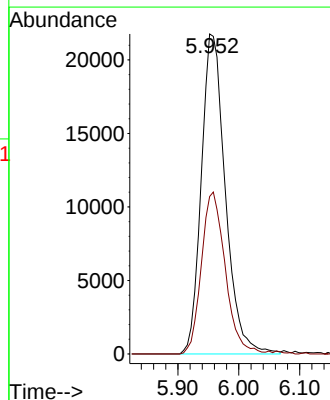
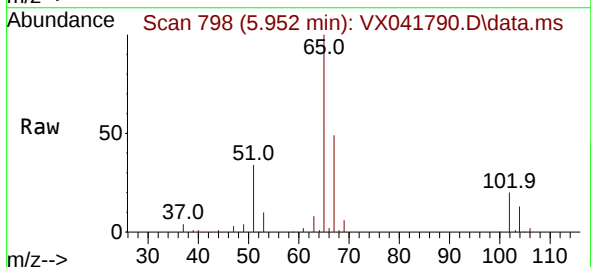
Manual Integrations
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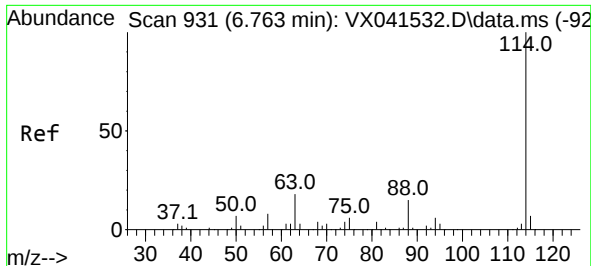
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#27
1,2-Dichloroethane-d4
Concen: 31.923 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041790.D
Acq: 07 Jun 2024 15:00

Tgt Ion: 65 Resp: 59682
Ion Ratio Lower Upper
65 100
67 50.2 40.8 61.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX041790.D

Acq: 07 Jun 2024 15:00

Instrument :

MSVOA_X

ClientSampleId :

240605074-05

Tgt Ion:114 Resp: 13106

Ion Ratio Lower Upper

114 100

63 19.7 15.4 23.0

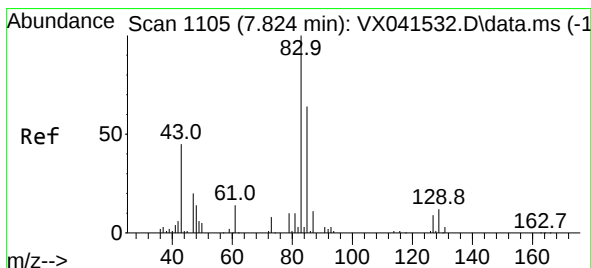
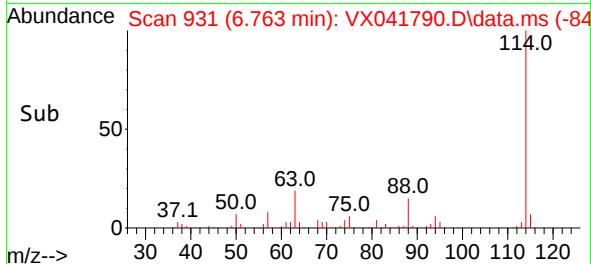
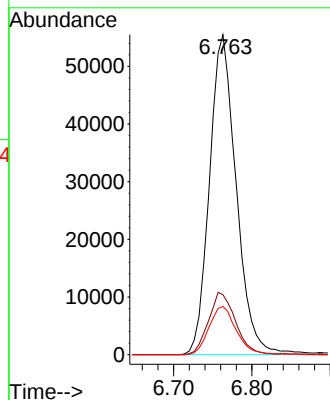
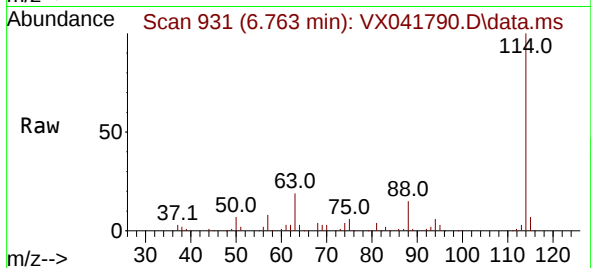
88 15.4 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2024

Supervised By :Mahesh Dadoda 06/10/2024



#41

Bromodichloromethane

Concen: 1.068 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX041790.D

Acq: 07 Jun 2024 15:00

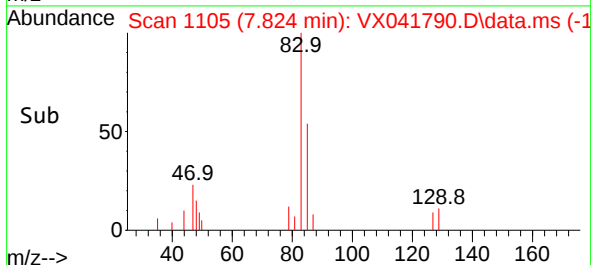
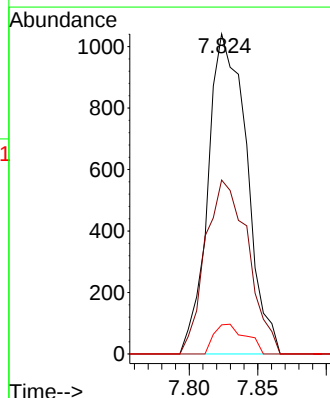
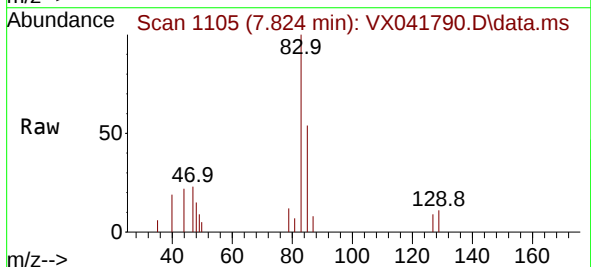
Tgt Ion: 83 Resp: 2043

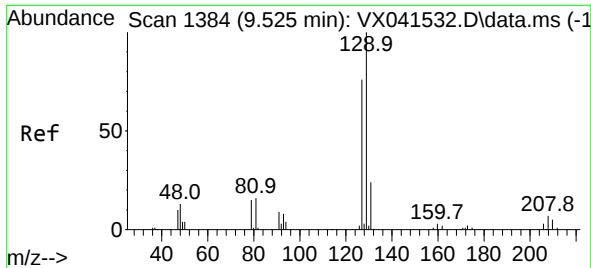
Ion Ratio Lower Upper

83 100

85 54.4 51.0 76.4

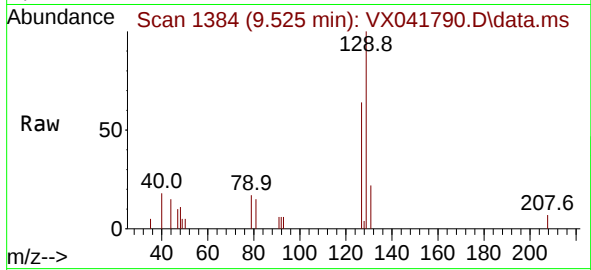
127 9.1 7.1 10.7





#53
Dibromochloromethane
Concen: 1.163 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX041790.D
Acq: 07 Jun 2024 15:00

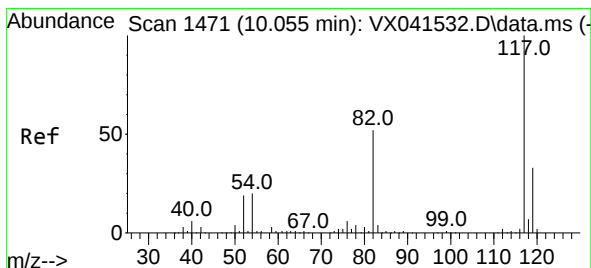
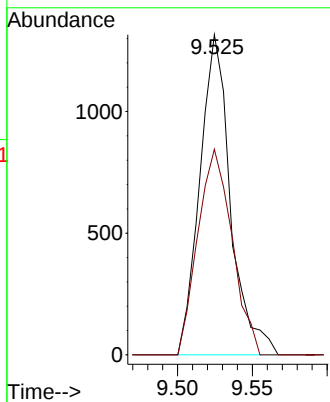
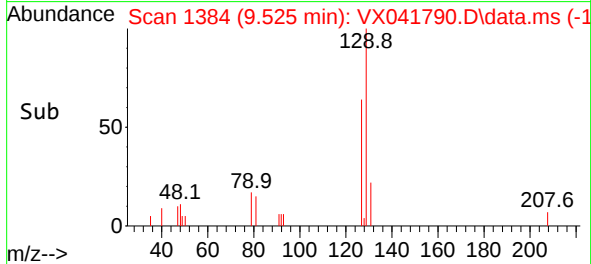
Instrument :
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ClientSampleId :
240605074-05



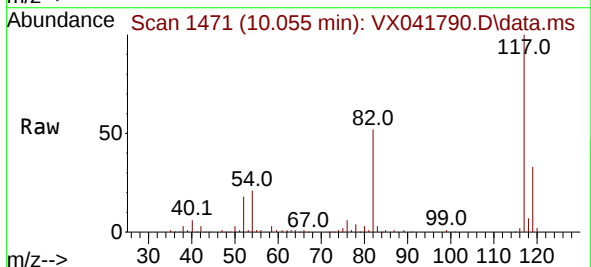
Tgt Ion:129 Resp: 1875
Ion Ratio Lower Upper
129 100
127 71.7 38.9 116.7

Manual Integrations
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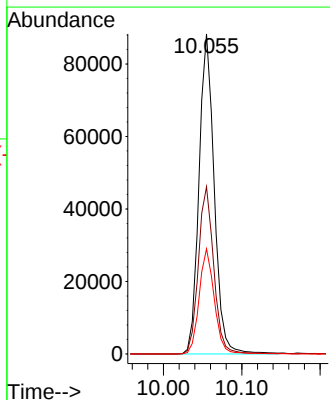
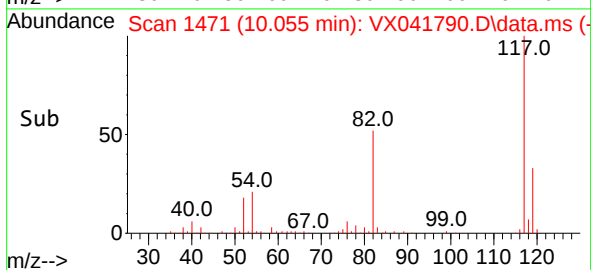
Reviewed By :John Carlone 06/10/2024
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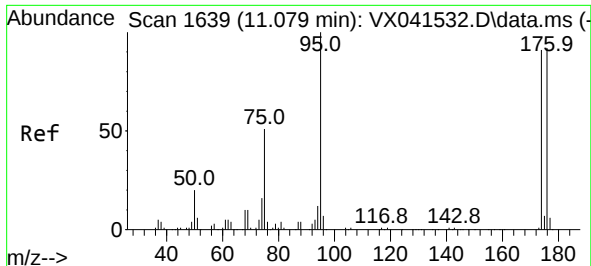


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041790.D
Acq: 07 Jun 2024 15:00



Tgt Ion:117 Resp: 119236
Ion Ratio Lower Upper
117 100
82 52.7 41.7 62.5
119 32.7 25.7 38.5





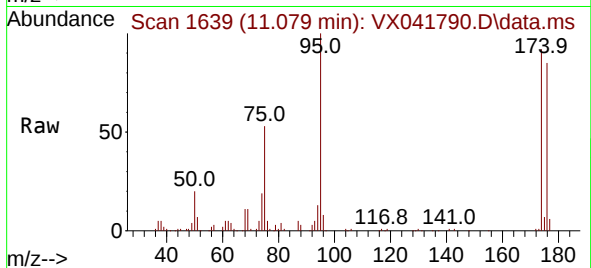
#60
4-Bromofluorobenzene
Concen: 27.166 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041790.D
Acq: 07 Jun 2024 15:00

Instrument :

MSVOA_X

ClientSampleId :

240605074-05



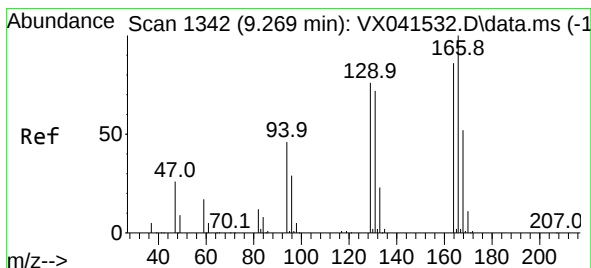
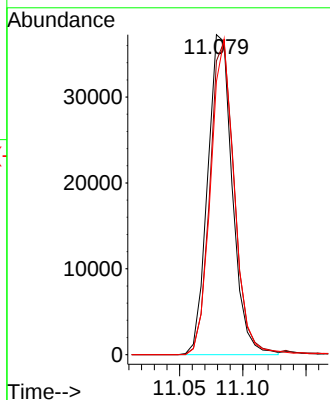
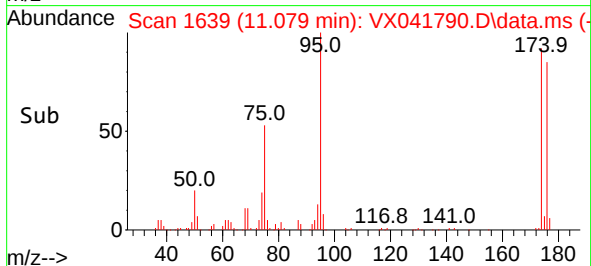
Tgt Ion: 95 Resp: 5056
Ion Ratio Lower Upper
95 100
174 96.7 76.6 115.0
176 94.6 75.4 113.0

Manual Integrations

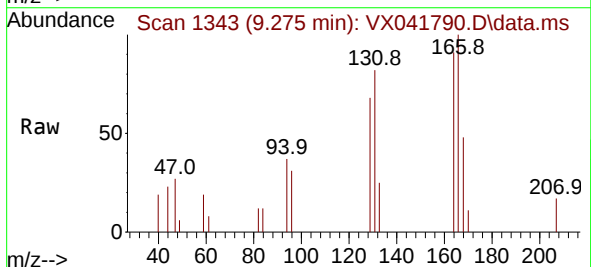
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Reviewed By :John Carlone 06/10/2024

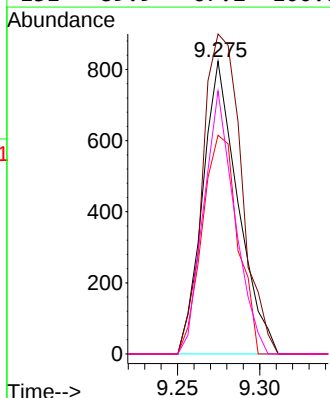
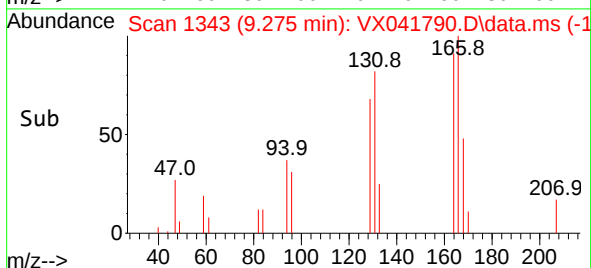
Supervised By :Mahesh Dadoda 06/10/2024

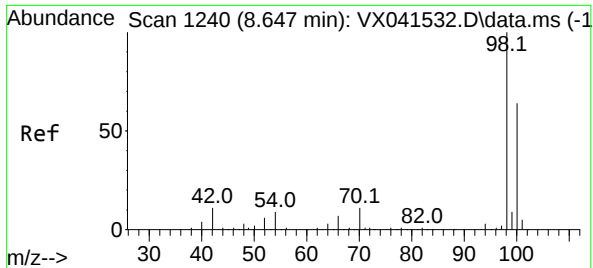


#61
Tetrachloroethene
Concen: 0.845 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX041790.D
Acq: 07 Jun 2024 15:00



Tgt Ion:164 Resp: 1232
Ion Ratio Lower Upper
164 100
166 109.4 92.8 139.2
129 74.7 70.1 105.1
131 89.9 67.2 100.8





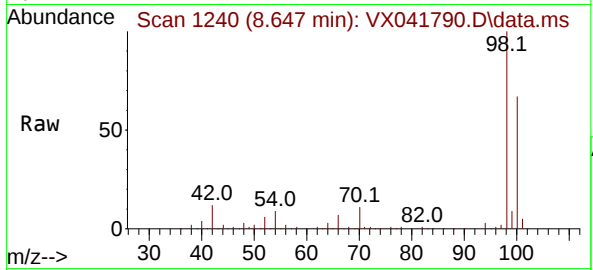
#63
Toluene-d8
Concen: 29.252 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041790.D
Acq: 07 Jun 2024 15:00

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion: 98 Resp: 149512
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

Manual Integrations

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