

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041924\
 Data File : VX041174.D
 Acq On : 19 Apr 2024 13:41
 Operator : JC/MD
 Sample : P2121-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 4827RE

Quant Time: Apr 20 01:30:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John

Carlone

04/22/2024

Supervised By :Mahesh

Dadoda

04/22/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	224112	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	324242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	287852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	117509	48.565	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.140%		
35) Dibromofluoromethane	5.385	113	102404	47.278	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.560%		
50) Toluene-d8	8.647	98	370534	48.839	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.680%		
62) 4-Bromofluorobenzene	11.079	95	125861	43.701	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.400%		
Target Compounds						Qvalue
16) Acetone	2.398	43	41381	40.688	ug/l	92
18) Methyl Acetate	2.715	43	3146	1.239	ug/l	100
25) 2-Butanone	4.605	43	3841m	2.404	ug/l	
52) Toluene	8.720	92	3583	0.656	ug/l	100
68) m/p-Xylenes	10.305	106	928	0.235	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	3627	0.517	ug/l	96

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

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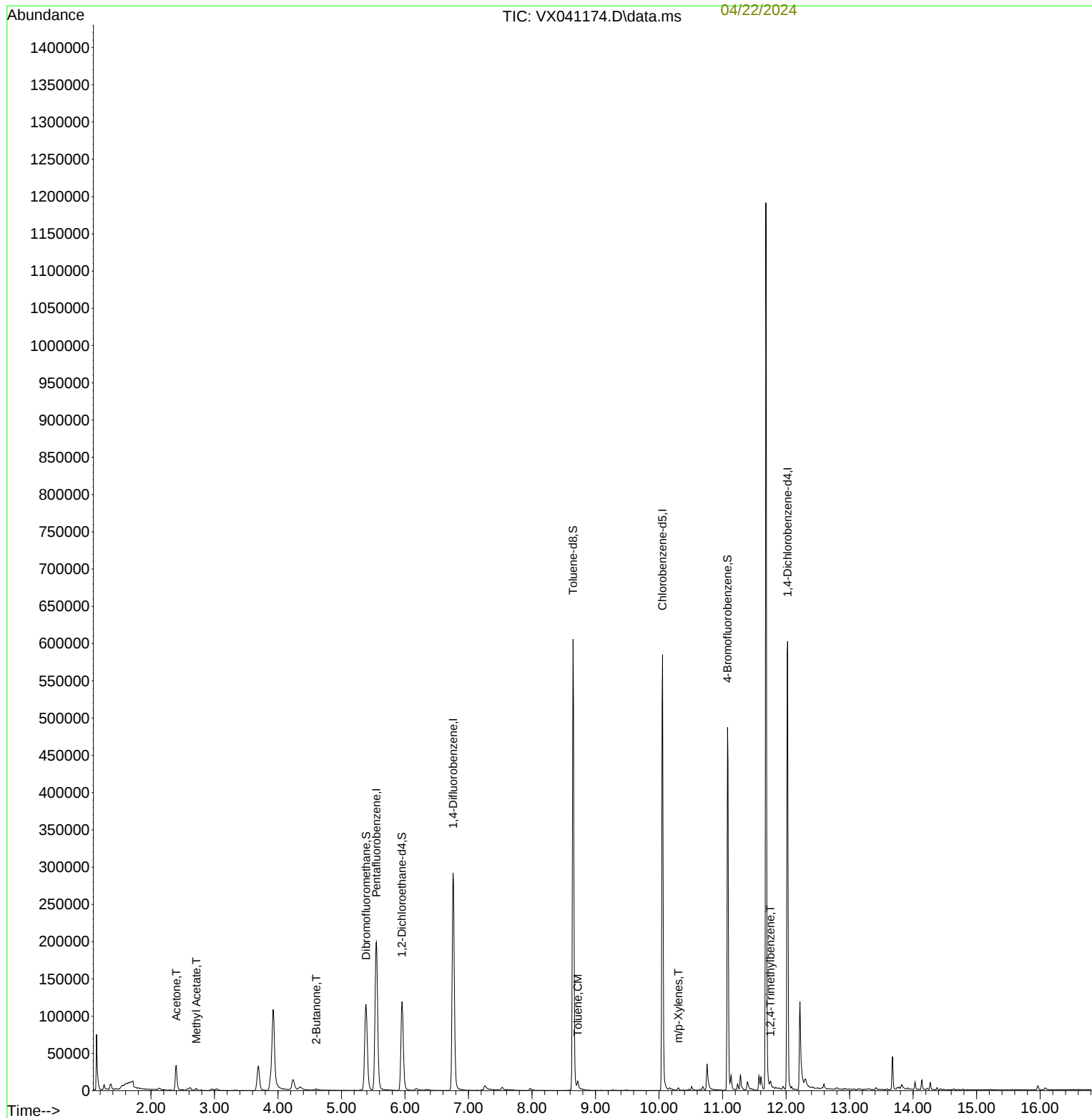
Carlone

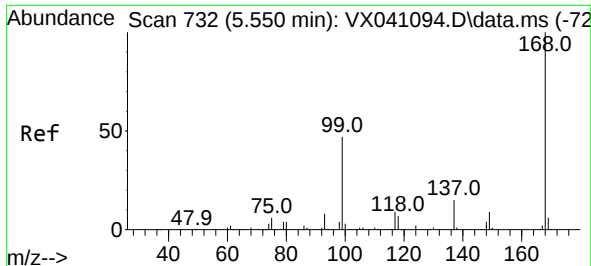
04/22/2024

Supervised By :Mahesh

Dadoda

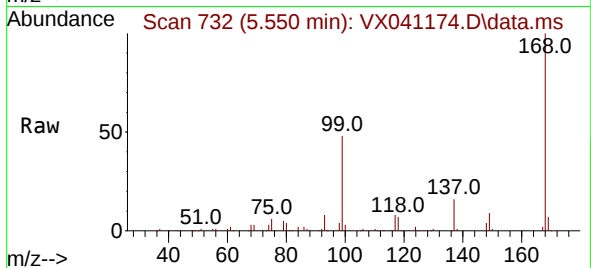
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041174.D
Acq: 19 Apr 2024 13:41

Instrument :
MSVOA_X
ClientSampleId :
4827RE

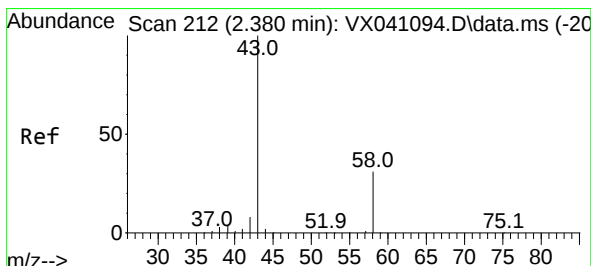
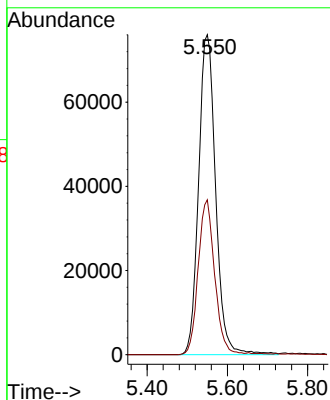
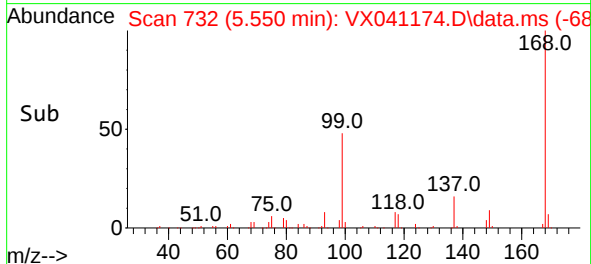


Tgt Ion:168 Resp: 22411
Ion Ratio Lower Upper
168 100
99 48.4 56.6 85.0

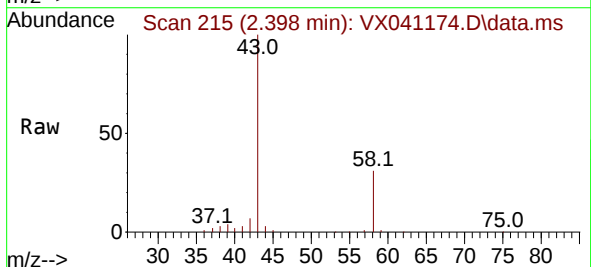
Manual Integrations
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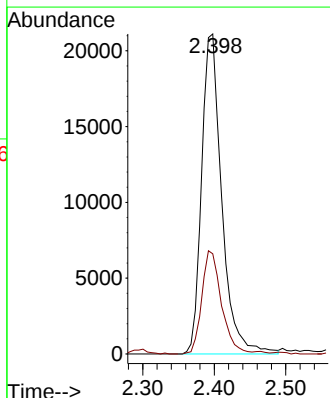
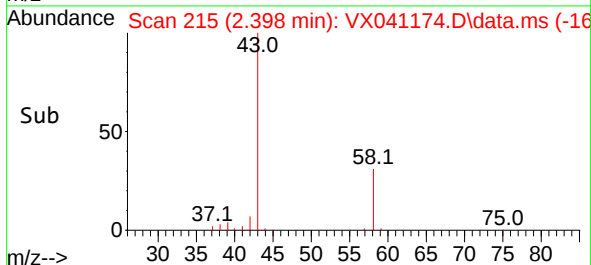
Supervised By :Mahesh
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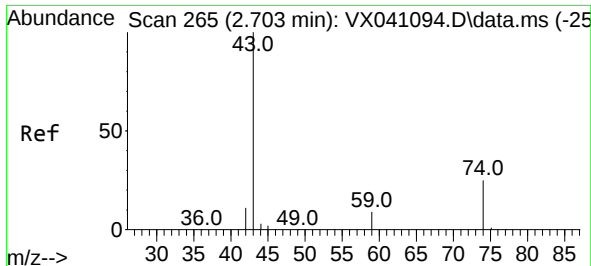


#16
Acetone
Concen: 40.688 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.018 min
Lab File: VX041174.D
Acq: 19 Apr 2024 13:41



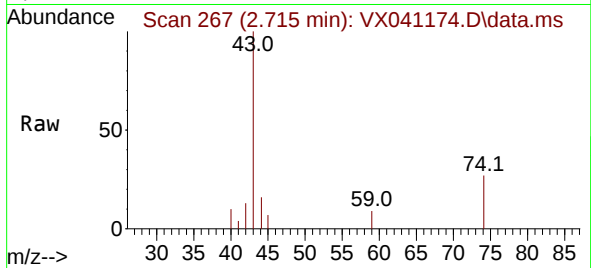
Tgt Ion: 43 Resp: 41381
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9





#18
Methyl Acetate
Concen: 1.239 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX041174.D
Acq: 19 Apr 2024 13:41

Instrument :
MSVOA_X
ClientSampleId :
4827RE

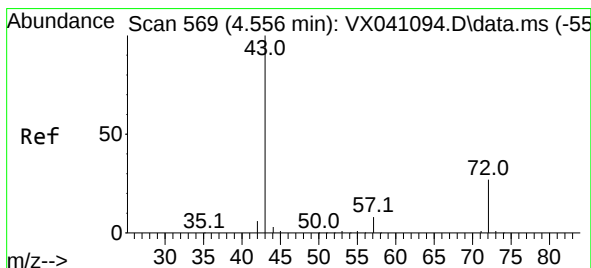
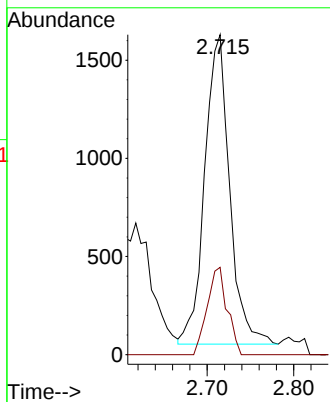
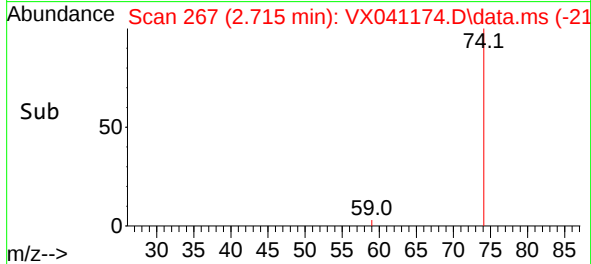


Tgt Ion: 43 Resp: 3140
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.8

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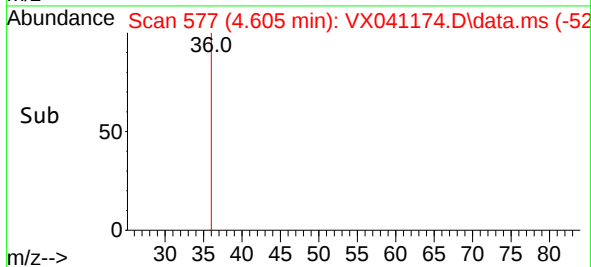
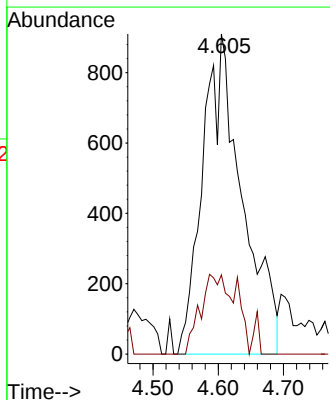
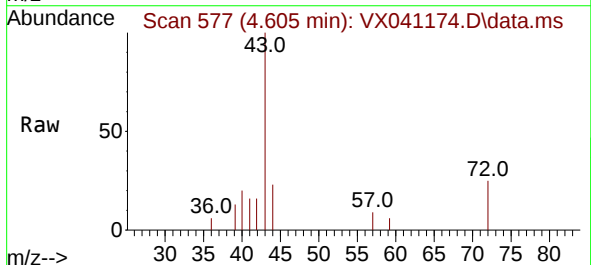
Reviewed By :John
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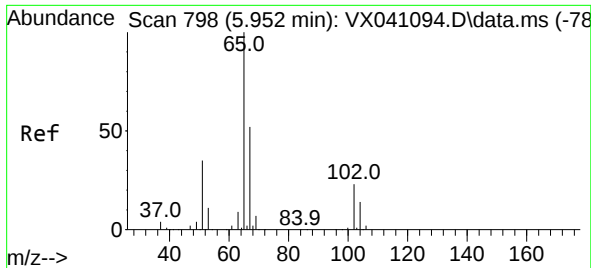
Supervised By :Mahesh
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#25
2-Butanone
Concen: 2.404 ug/l m
RT: 4.605 min Scan# 577
Delta R.T. 0.049 min
Lab File: VX041174.D
Acq: 19 Apr 2024 13:41

Tgt Ion: 43 Resp: 3841
Ion Ratio Lower Upper
43 100
72 24.7 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 48.565 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041174.D

Acq: 19 Apr 2024 13:41

Instrument :

MSVOA_X

ClientSampleId :

4827RE

Tgt Ion: 65 Resp: 117509

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2

Manual Integrations

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Reviewed By :John

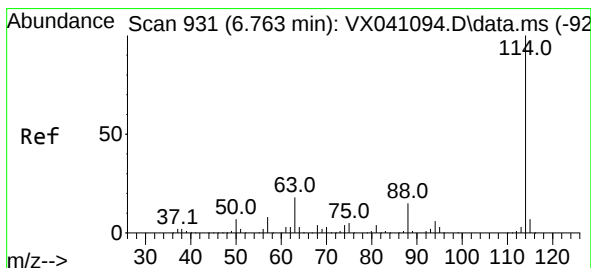
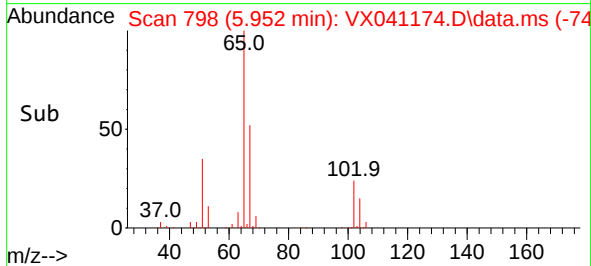
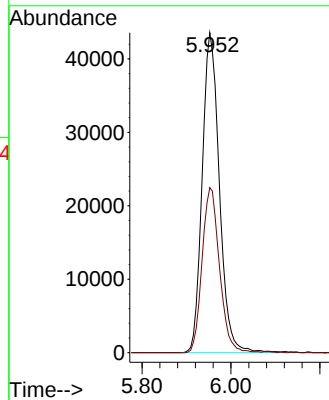
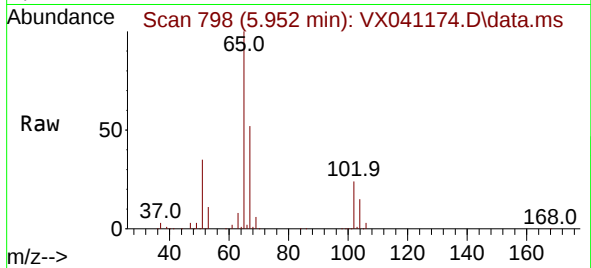
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX041174.D

Acq: 19 Apr 2024 13:41

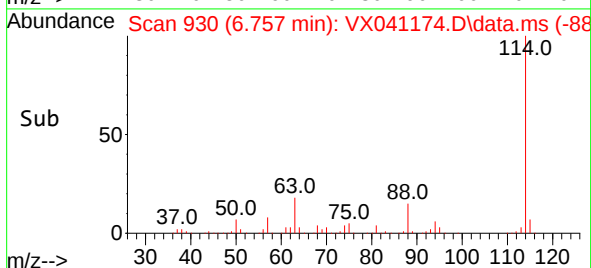
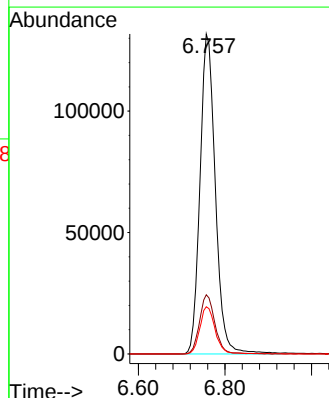
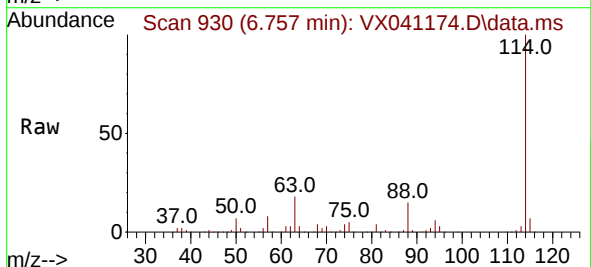
Tgt Ion:114 Resp: 324242

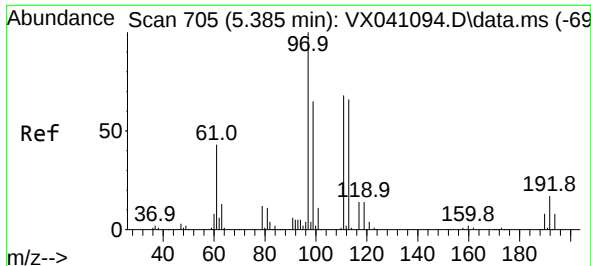
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

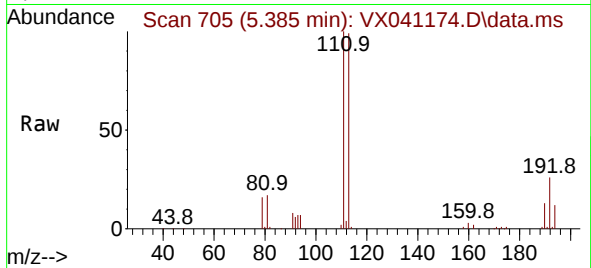
88 14.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.278 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041174.D
Acq: 19 Apr 2024 13:41

Instrument :
MSVOA_X
ClientSampleId :
4827RE

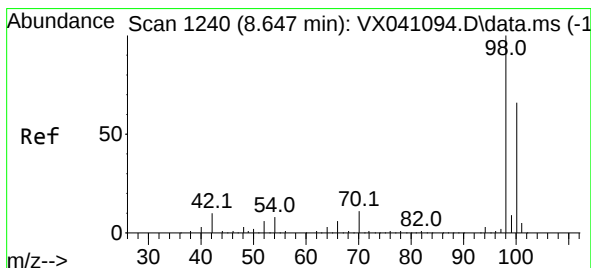
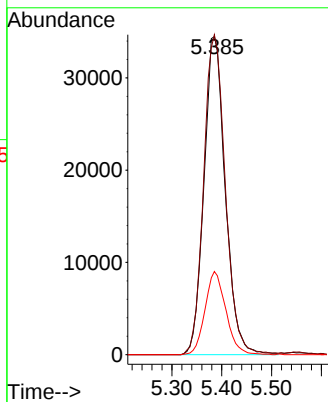
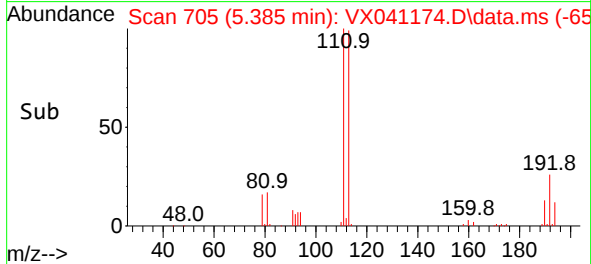


Tgt Ion:113 Resp: 102404
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 25.6 13.3 19.9

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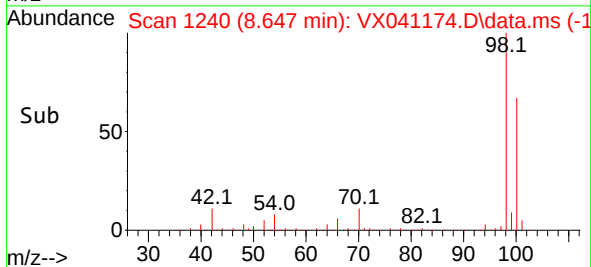
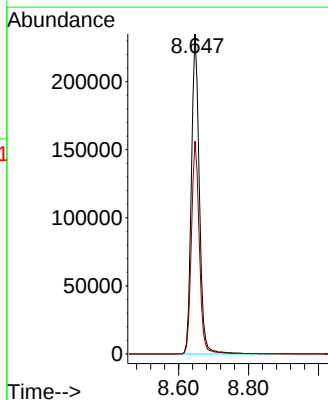
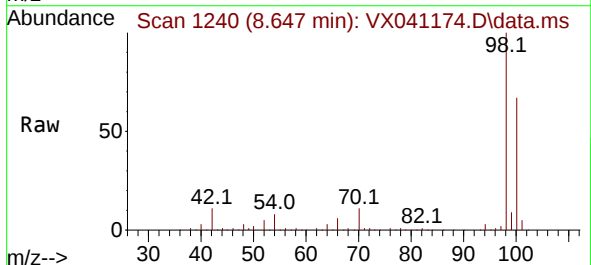
Reviewed By :John
Carlone
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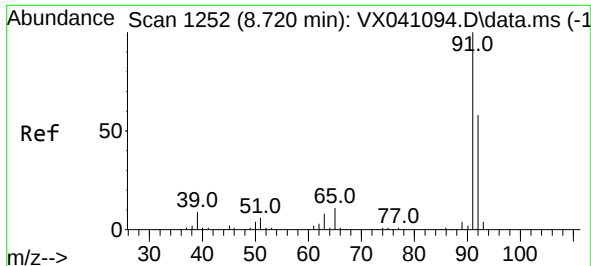
Supervised By :Mahesh
Dadoda
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#50
Toluene-d8
Concen: 48.839 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041174.D
Acq: 19 Apr 2024 13:41

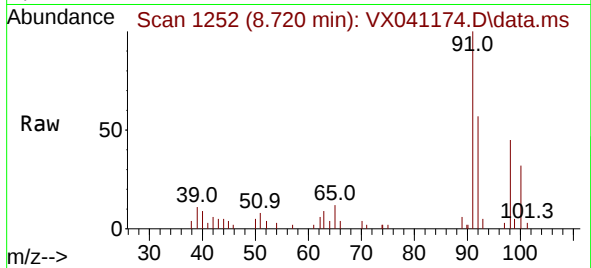
Tgt Ion: 98 Resp: 370534
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7





#52
Toluene
Concen: 0.656 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041174.D
Acq: 19 Apr 2024 13:41

Instrument :
MSVOA_X
ClientSampleId :
4827RE

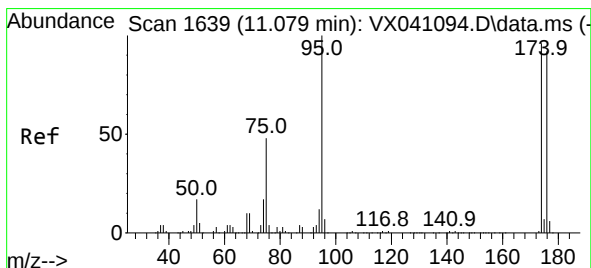
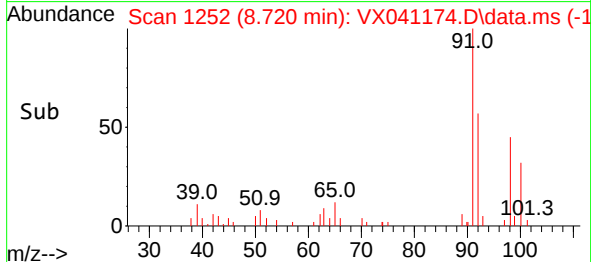
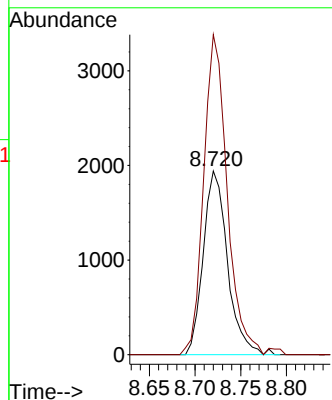


Tgt Ion: 92 Resp: 358
Ion Ratio Lower Upper
92 100
91 167.9 134.2 201.2

Manual Integrations
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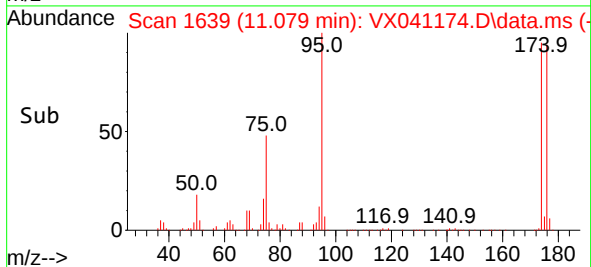
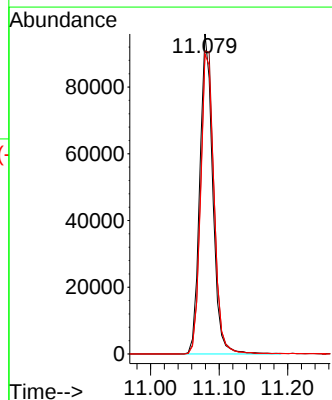
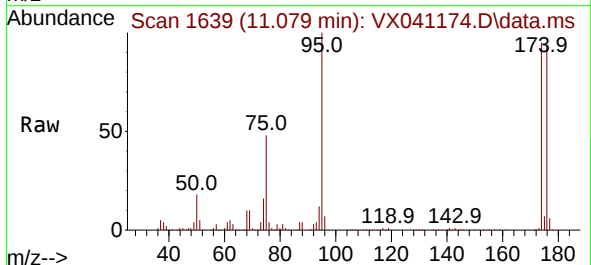
Reviewed By :John
Carlone
04/22/2024

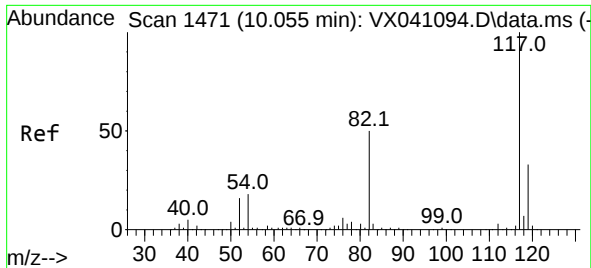
Supervised By :Mahesh
Dadoda
04/22/2024



#62
4-Bromofluorobenzene
Concen: 43.701 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041174.D
Acq: 19 Apr 2024 13:41

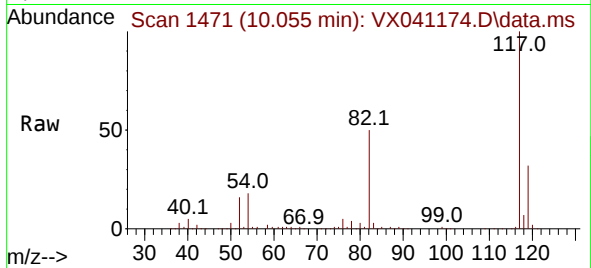
Tgt Ion: 95 Resp: 125861
Ion Ratio Lower Upper
95 100
174 99.5 0.0 135.6
176 97.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041174.D
Acq: 19 Apr 2024 13:41

Instrument :
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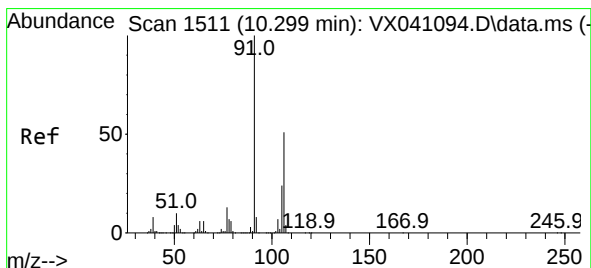
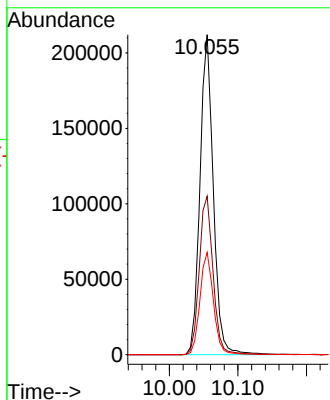
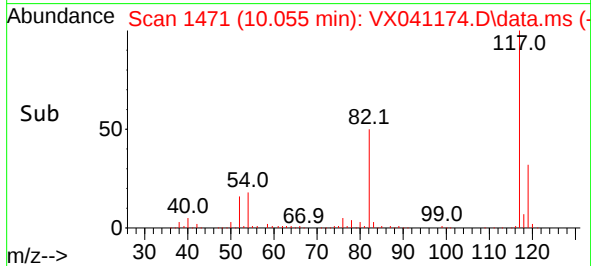


Tgt Ion:117 Resp: 287852
Ion Ratio Lower Upper
117 100
82 49.5 46.2 69.4
119 31.9 25.5 38.3

Manual Integrations
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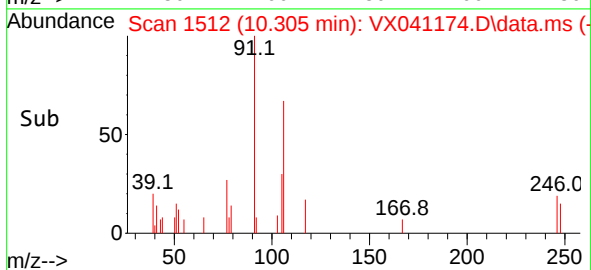
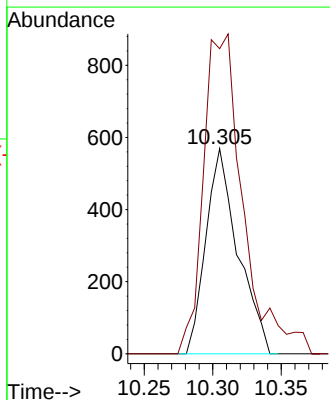
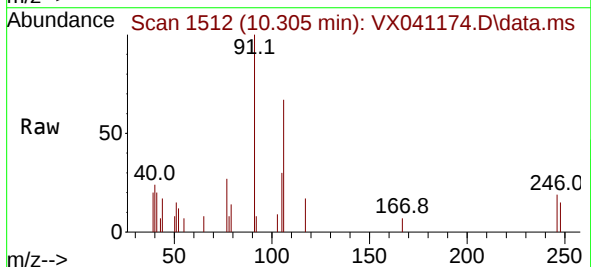
Reviewed By :John
Carlone
04/22/2024

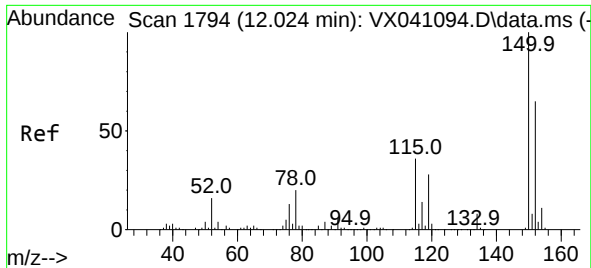
Supervised By :Mahesh
Dadoda
04/22/2024



#68
m/p-Xylenes
Concen: 0.235 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041174.D
Acq: 19 Apr 2024 13:41

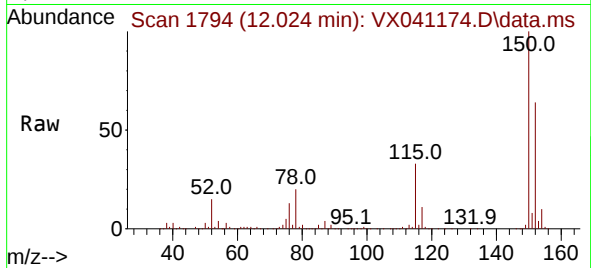
Tgt Ion:106 Resp: 928
Ion Ratio Lower Upper
106 100
91 191.9 165.5 248.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041174.D
Acq: 19 Apr 2024 13:41

Instrument :
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ClientSampleId :
4827RE

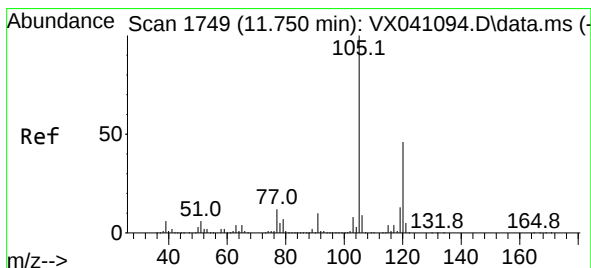
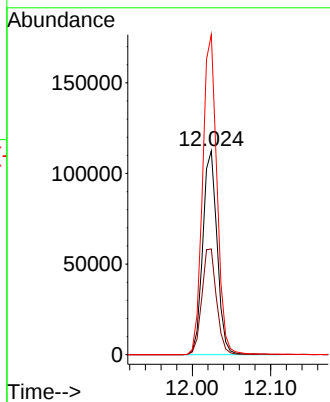
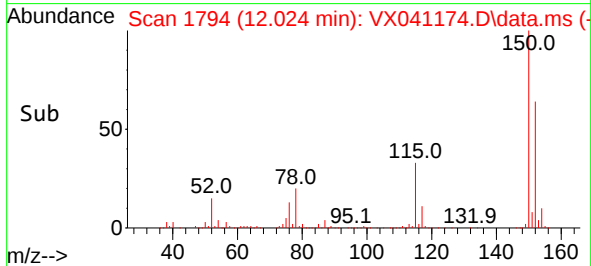


Tgt Ion:152 Resp: 14294
Ion Ratio Lower Upper
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115 53.1 43.3 129.9
150 157.5 0.0 345.0

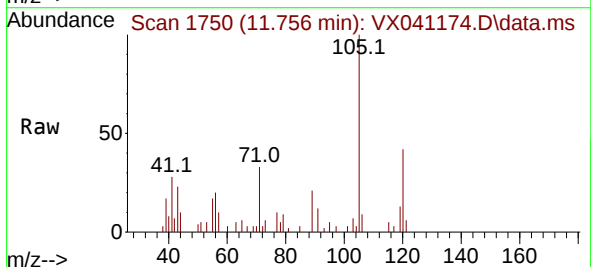
Manual Integrations
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04/22/2024



#84
1,2,4-Trimethylbenzene
Concen: 0.517 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX041174.D
Acq: 19 Apr 2024 13:41



Tgt Ion:105 Resp: 3627
Ion Ratio Lower Upper
105 100
120 44.9 21.2 63.6

