

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
 Data File : VX042060.D
 Acq On : 26 Jun 2024 17:58
 Operator : JC/MD
 Sample : P3073-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW14-20240625

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/27/2024
 Supervised By : Mahesh Dadoda 06/27/2024

Quant Time: Jun 27 08:56:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	144868	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	218994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66649	39.897	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	79.800%		
35) Dibromofluoromethane	5.391	113	66370	42.713	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.420%		
50) Toluene-d8	8.647	98	252601	46.274	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.540%		
62) 4-Bromofluorobenzene	11.079	95	106382	52.867	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.740%		
Target Compounds						
						Qvalue
16) Acetone	2.398	43	1970	2.686	ug/l	# 87
17) Carbon Disulfide	2.501	76	2421	0.950	ug/l	# 89
31) Cyclohexane	5.501	56	15075	7.716	ug/l	# 48
39) Methylcyclohexane	7.379	83	29850	14.304	ug/l	97
40) Benzene	6.043	78	6407	1.151	ug/l	98
52) Toluene	8.720	92	3206	0.905	ug/l	99
67) Ethyl Benzene	10.195	91	139364	19.523	ug/l	97
68) m/p-Xylenes	10.305	106	4206	1.460	ug/l	94
69) o-Xylene	10.640	106	18771	6.580	ug/l	91
70) Styrene	10.658	104	5954	1.245	ug/l	# 57
73) Isopropylbenzene	10.963	105	770031	103.056	ug/l	96
78) n-propylbenzene	11.305	91	758864	93.603	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	167094	26.849	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	4197014	672.179	ug/l	87
85) sec-Butylbenzene	11.890	105	45870m	5.939	ug/l	
86) p-Isopropyltoluene	12.012	119	147238	21.822	ug/l	90

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

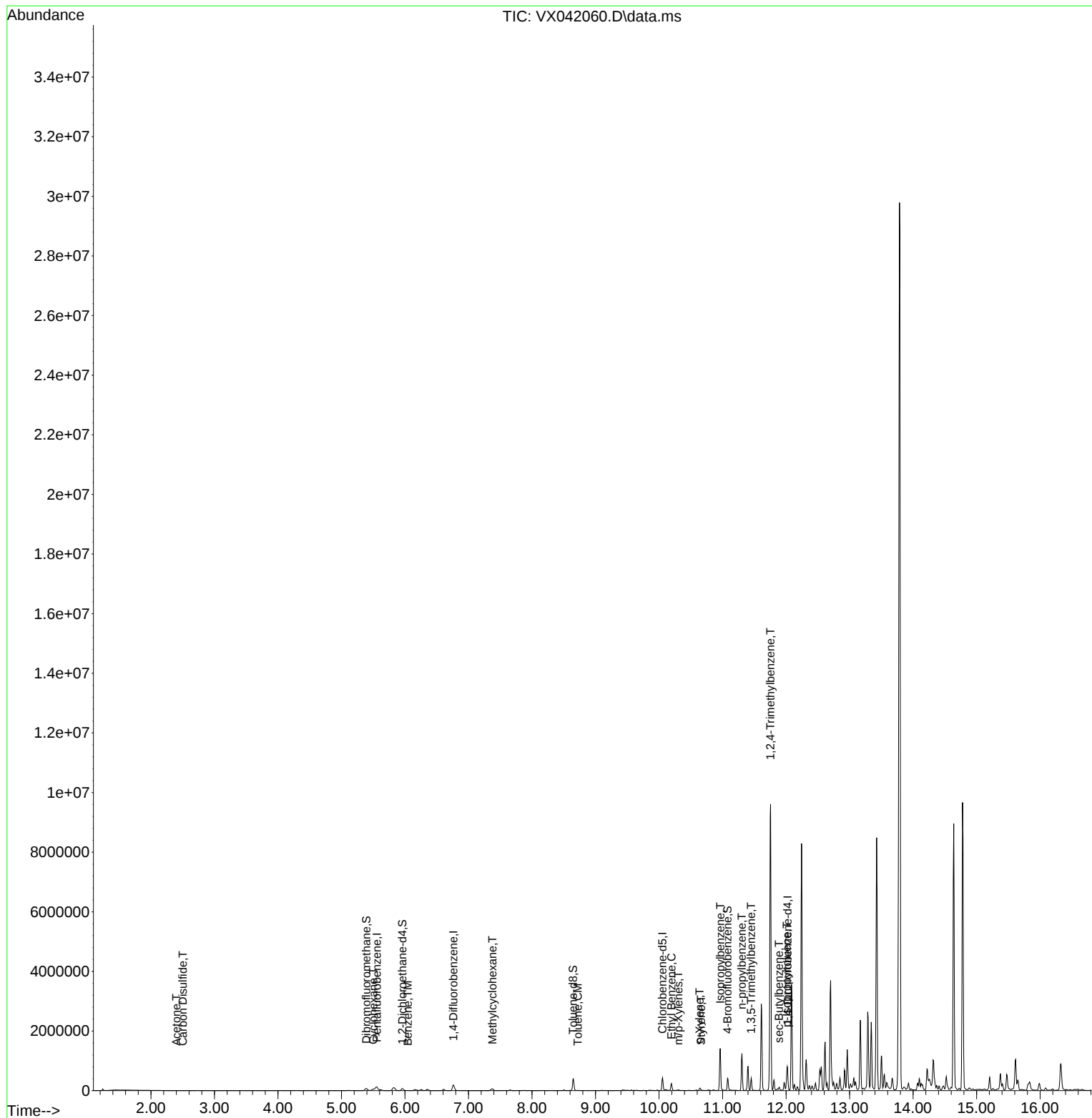
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
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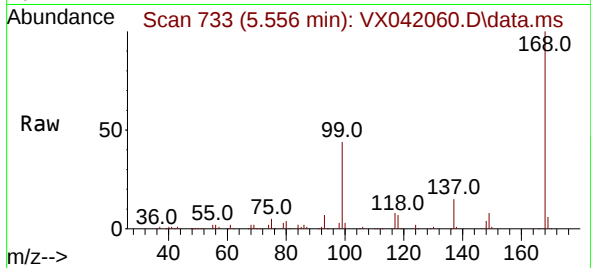
Quant Time: Jun 27 08:56:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042060.D
Acq: 26 Jun 2024 17:58

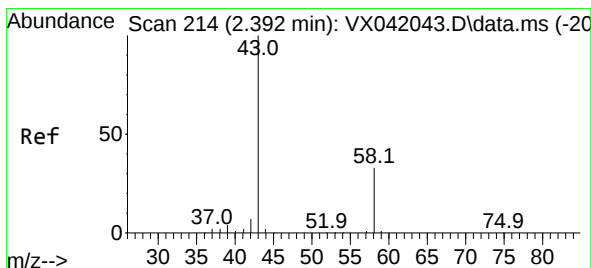
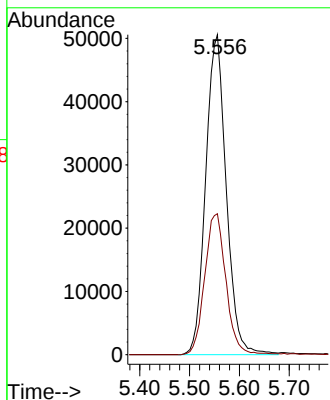
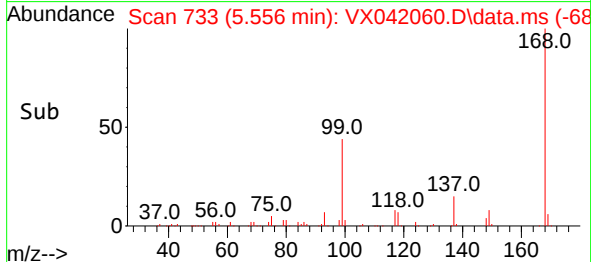
Instrument :
MSVOA_X
ClientSampleId :
MW14-20240625



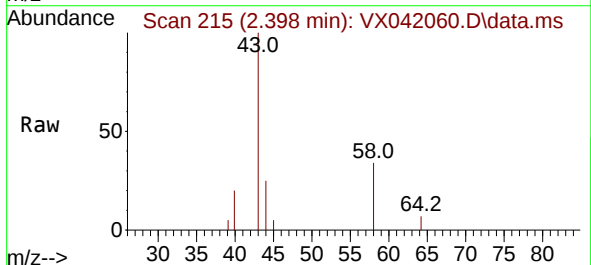
Tgt Ion:168 Resp: 144868
Ion Ratio Lower Upper
168 100
99 44.1 56.6 85.0

Manual Integrations
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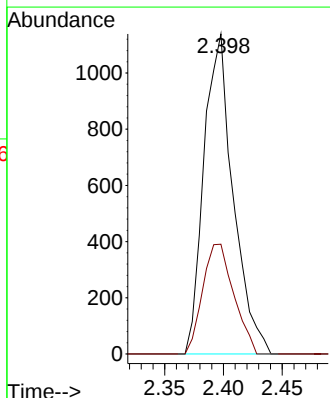
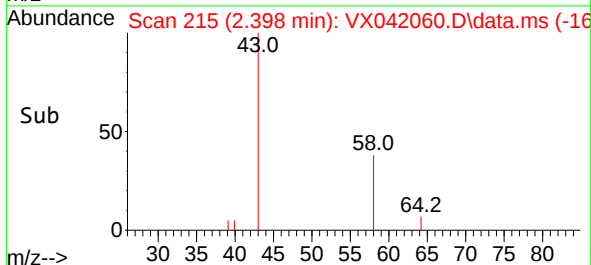
Reviewed By :John Carlone 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

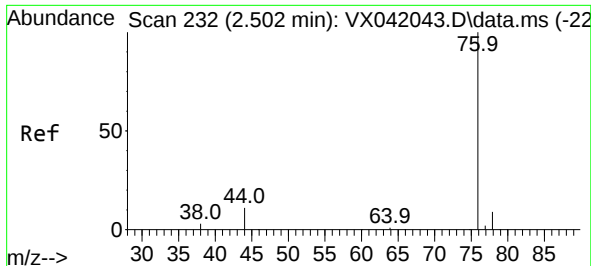


#16
Acetone
Concen: 2.686 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX042060.D
Acq: 26 Jun 2024 17:58



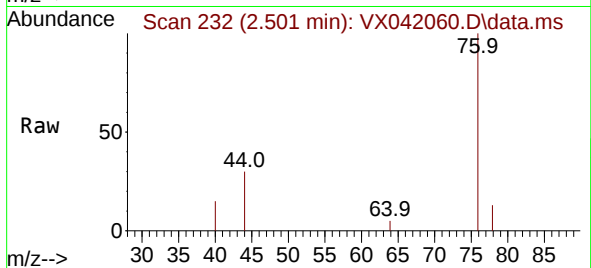
Tgt Ion: 43 Resp: 1970
Ion Ratio Lower Upper
43 100
58 34.3 21.9 32.9





#17
Carbon Disulfide
Concen: 0.950 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX042060.D
Acq: 26 Jun 2024 17:58

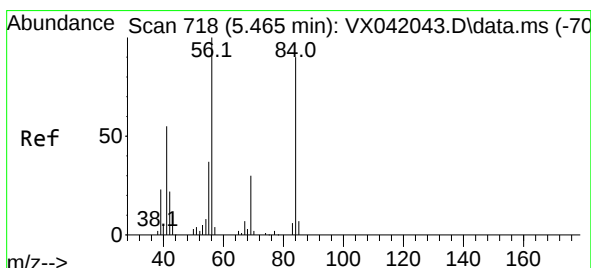
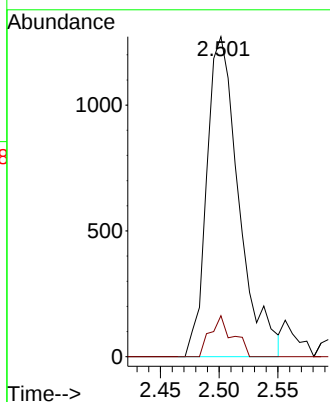
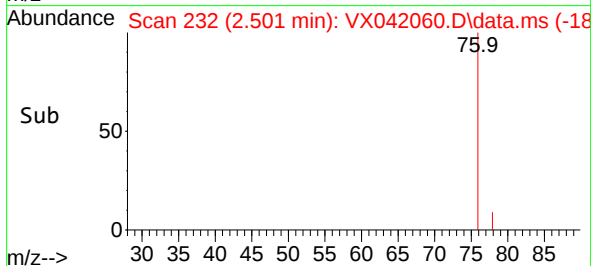
Instrument :
MSVOA_X
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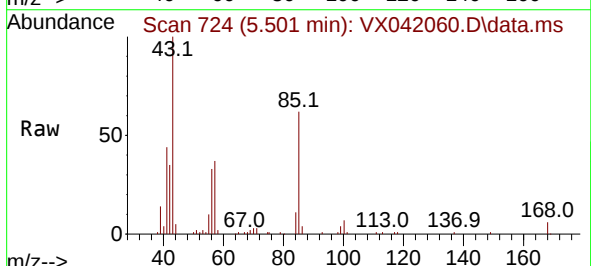
Tgt Ion: 76 Resp: 242
Ion Ratio Lower Upper
76 100
78 12.8 7.0 10.6

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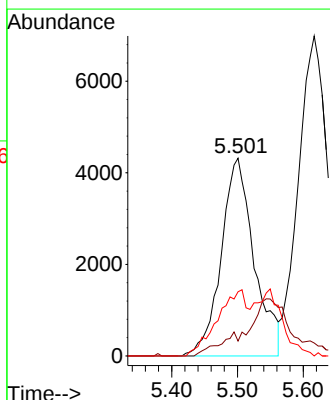
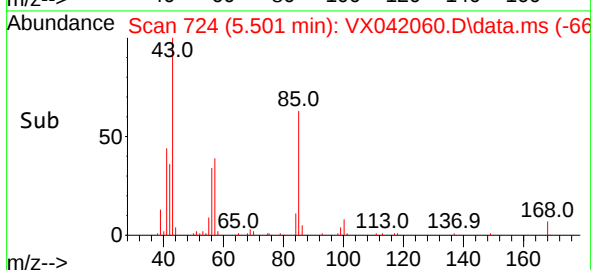
Reviewed By :John Carlone 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

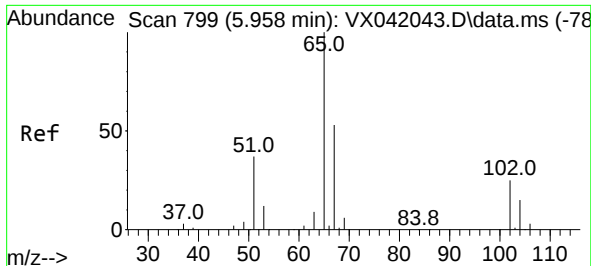


#31
Cyclohexane
Concen: 7.716 ug/l
RT: 5.501 min Scan# 724
Delta R.T. 0.037 min
Lab File: VX042060.D
Acq: 26 Jun 2024 17:58



Tgt Ion: 56 Resp: 15075
Ion Ratio Lower Upper
56 100
69 7.5 23.4 35.2#
84 32.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 39.897 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX042060.D

Acq: 26 Jun 2024 17:58

Instrument :

MSVOA_X

ClientSampleId :

MW14-20240625

Tgt Ion: 65 Resp: 66649

Ion Ratio Lower Upper

65 100

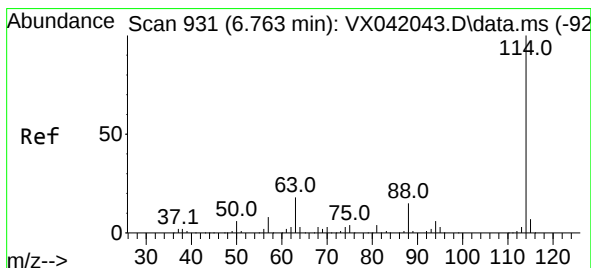
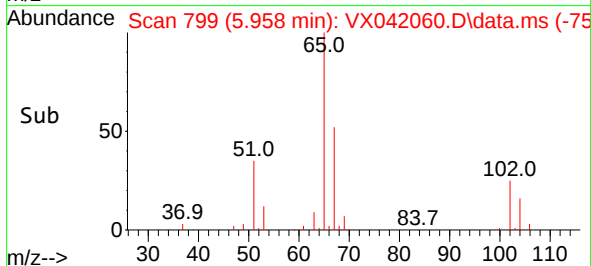
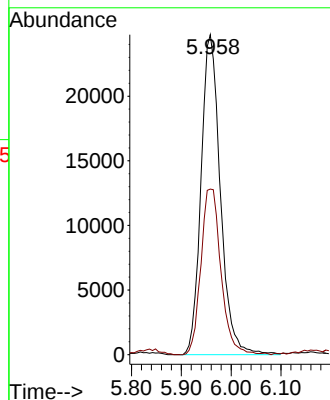
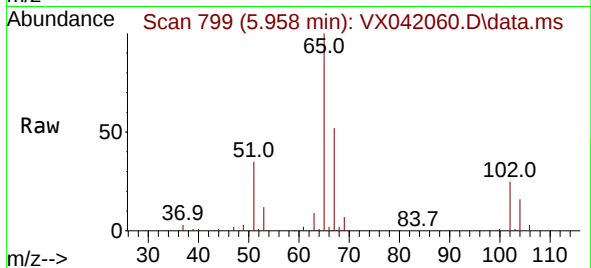
67 53.7 0.0 100.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042060.D

Acq: 26 Jun 2024 17:58

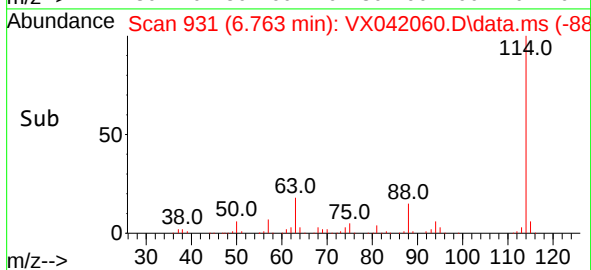
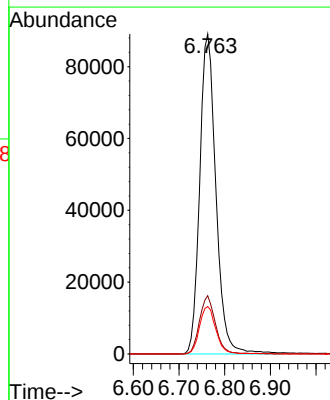
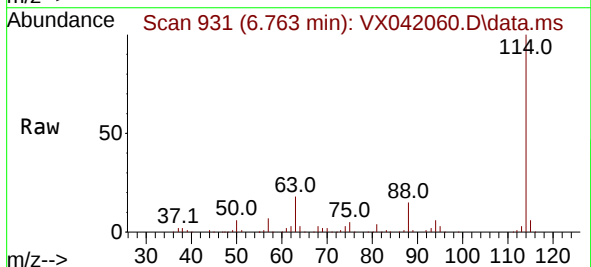
Tgt Ion:114 Resp: 218994

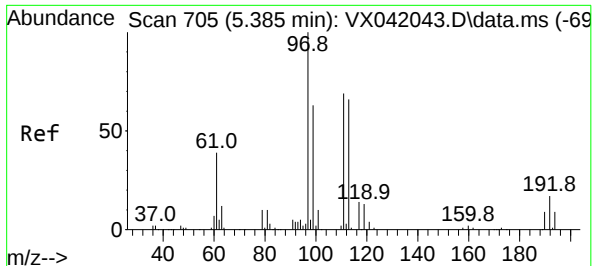
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

88 14.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 42.713 ug/l

RT: 5.391 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX042060.D

Acq: 26 Jun 2024 17:58

Instrument :

MSVOA_X

ClientSampleId :

MW14-20240625

Tgt Ion:113 Resp: 66370

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

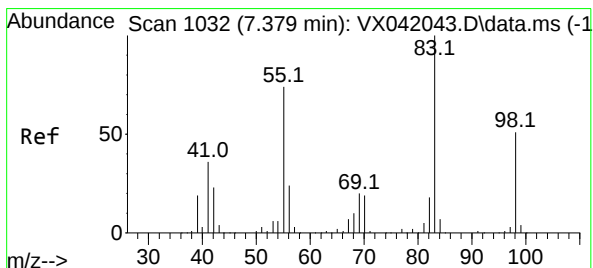
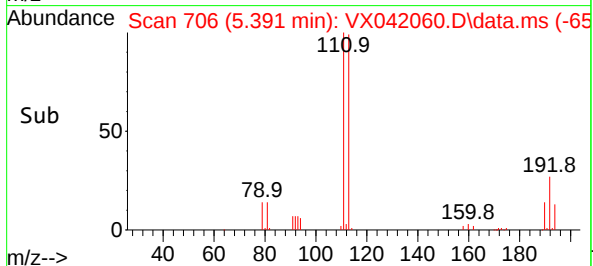
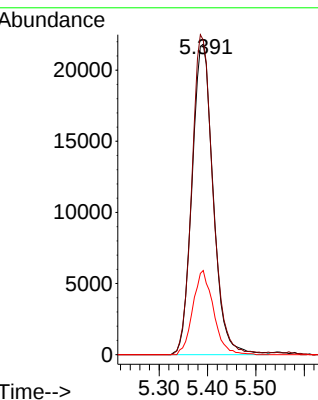
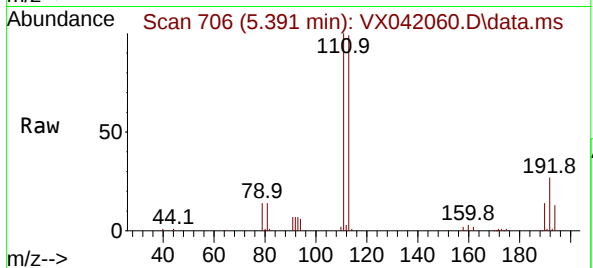
192 26.4 13.3 19.9

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Supervised By :Mahesh Dadoda 06/27/2024



#39

Methylcyclohexane

Concen: 14.304 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX042060.D

Acq: 26 Jun 2024 17:58

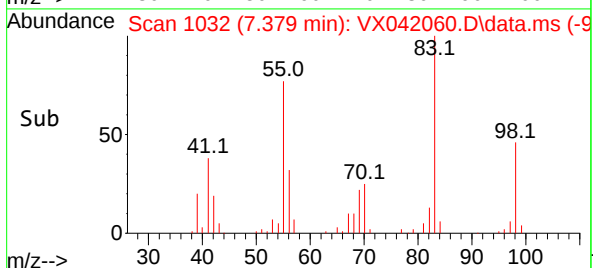
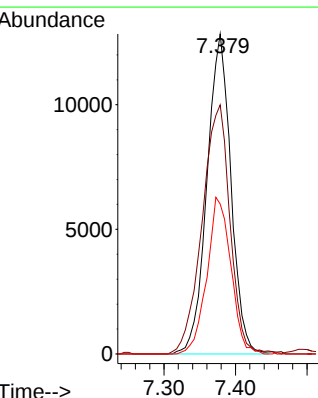
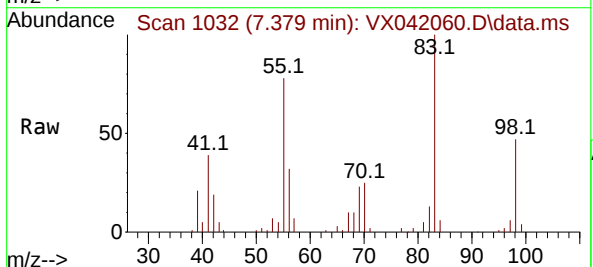
Tgt Ion: 83 Resp: 29850

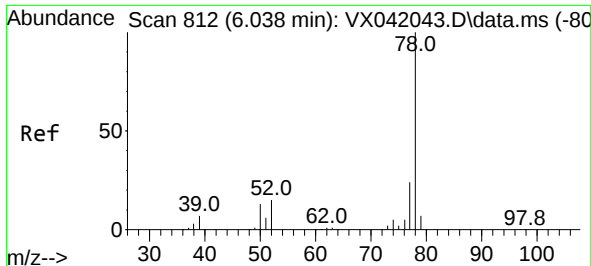
Ion Ratio Lower Upper

83 100

55 77.8 64.6 97.0

98 46.9 36.7 55.1





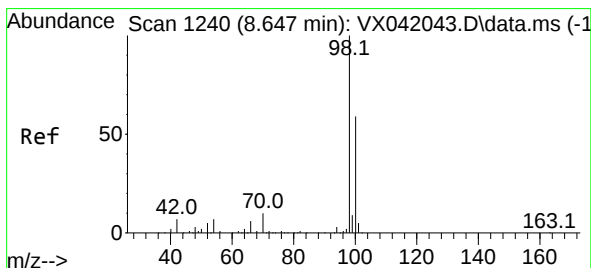
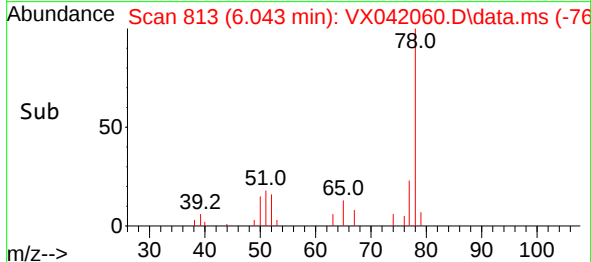
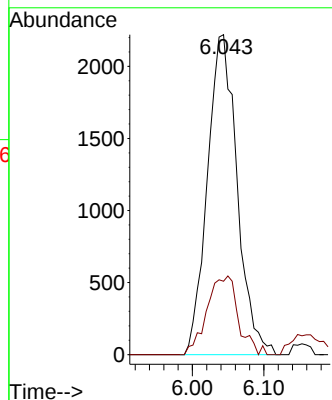
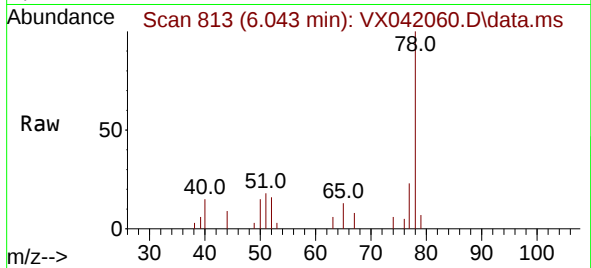
#40
Benzene
Concen: 1.151 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX042060.D
Acq: 26 Jun 2024 17:58

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 78 Resp: 640
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9

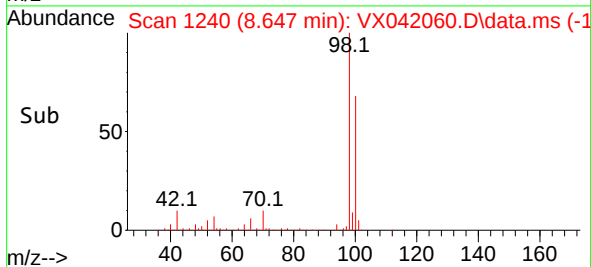
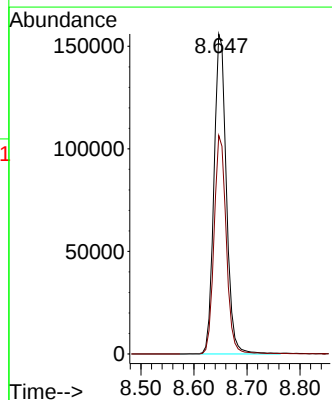
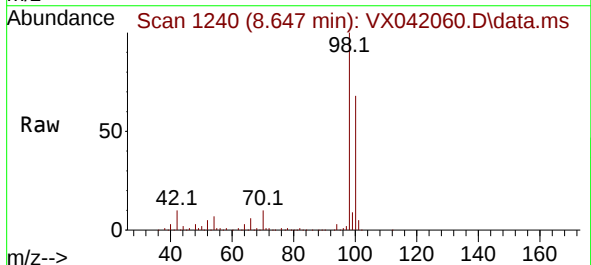
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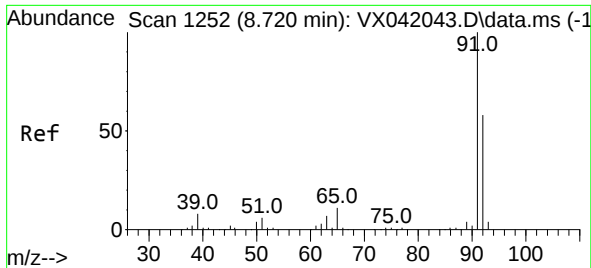
Reviewed By :John Carlone 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#50
Toluene-d8
Concen: 46.274 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042060.D
Acq: 26 Jun 2024 17:58

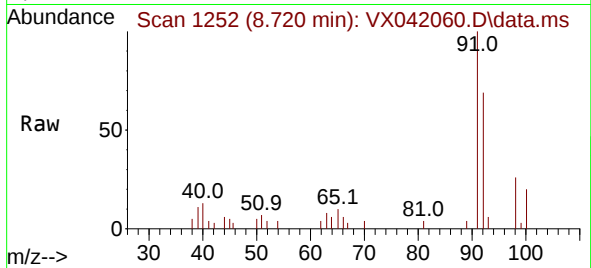
Tgt Ion: 98 Resp: 252601
Ion Ratio Lower Upper
98 100
100 67.5 53.1 79.7





#52
Toluene
Concen: 0.905 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042060.D
Acq: 26 Jun 2024 17:58

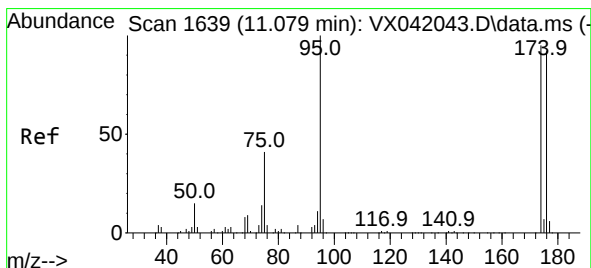
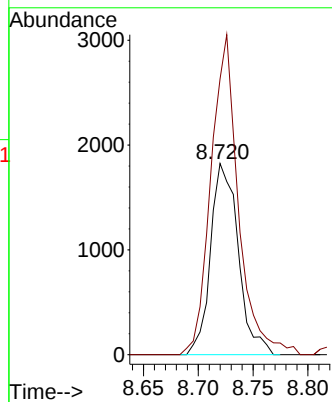
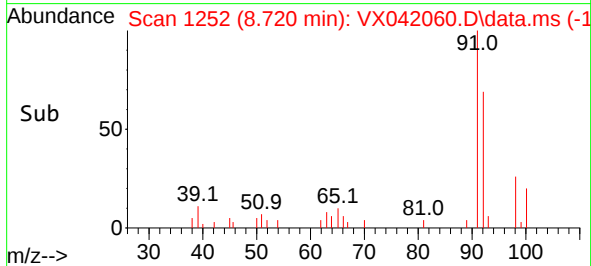
Instrument :
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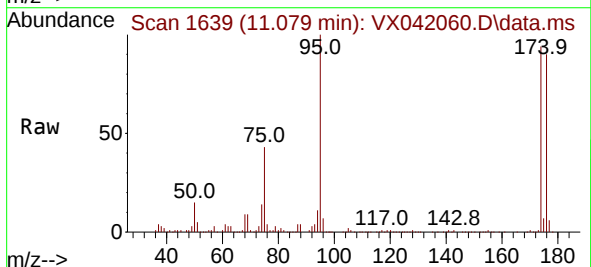
Tgt Ion: 92 Resp: 3200
Ion Ratio Lower Upper
92 100
91 166.4 134.2 201.2

Manual Integrations
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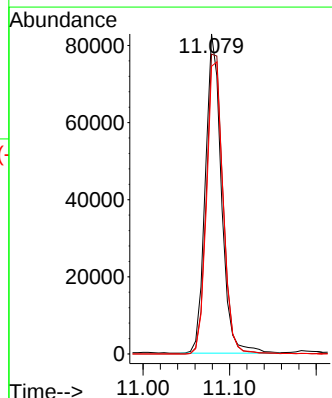
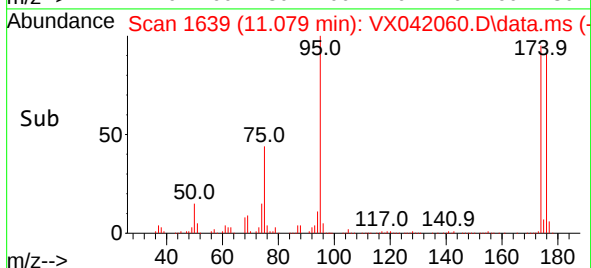
Reviewed By :John Carlone 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

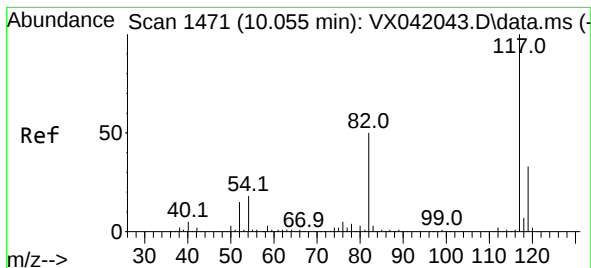


#62
4-Bromofluorobenzene
Concen: 52.867 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042060.D
Acq: 26 Jun 2024 17:58



Tgt Ion: 95 Resp: 106382
Ion Ratio Lower Upper
95 100
174 97.8 0.0 135.6
176 94.3 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: VX042060.D

Acq: 26 Jun 2024 17:58

Instrument :

MSVOA_X

ClientSampleId :

MW14-20240625

Tgt Ion:117 Resp: 219010

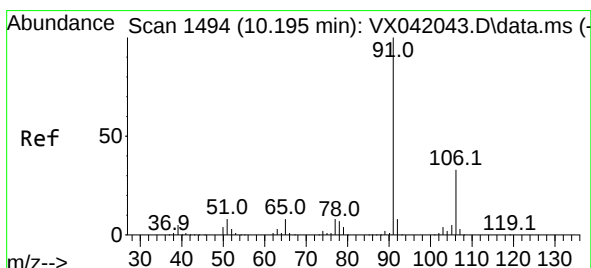
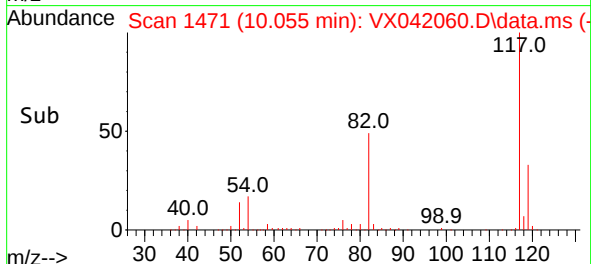
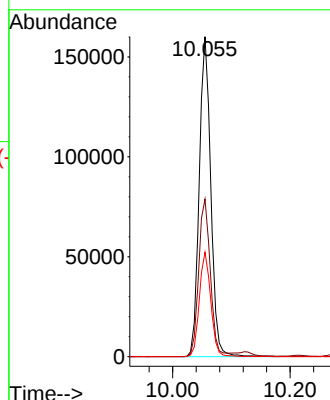
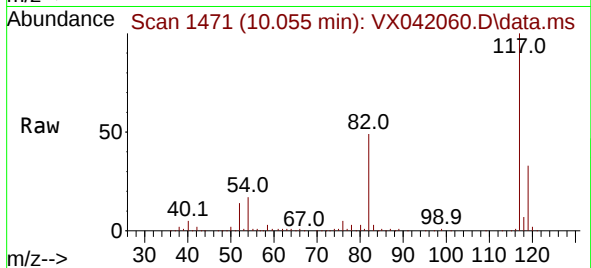
Ion	Ratio	Lower	Upper
117	100		
82	49.2	46.2	69.4
119	32.6	25.5	38.3

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#67

Ethyl Benzene

Concen: 19.523 ug/l

RT: 10.195 min Scan# 1494

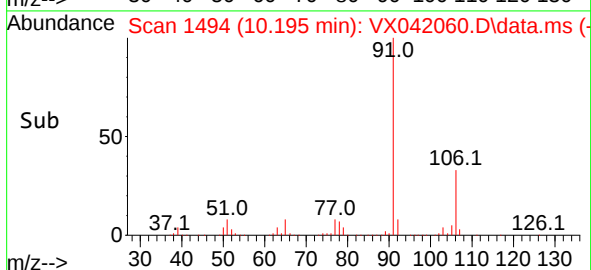
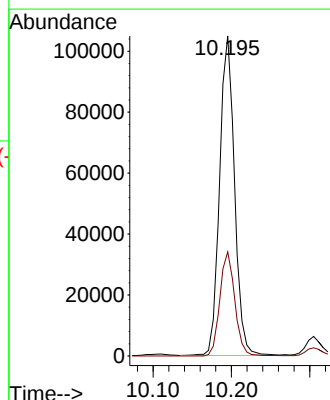
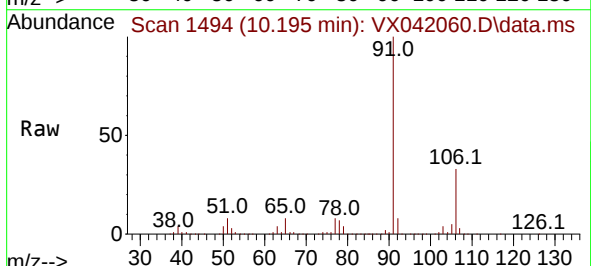
Delta R.T. -0.000 min

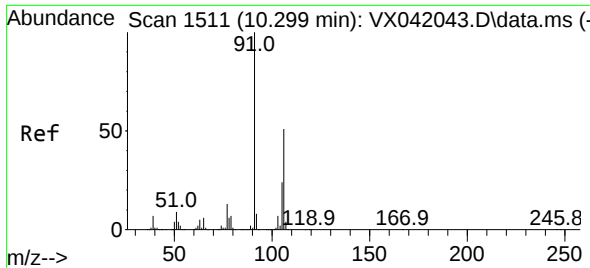
Lab File: VX042060.D

Acq: 26 Jun 2024 17:58

Tgt Ion: 91 Resp: 139364

Ion	Ratio	Lower	Upper
91	100		
106	32.6	24.9	37.3





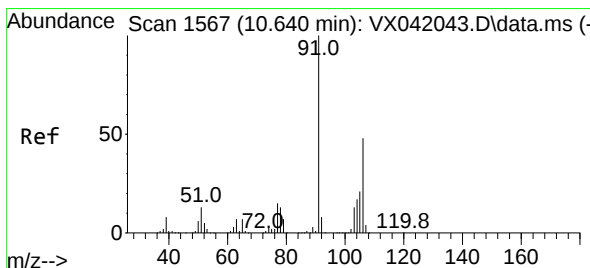
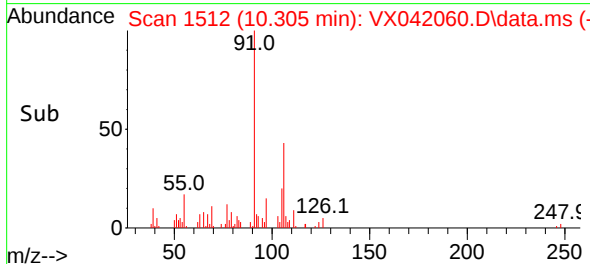
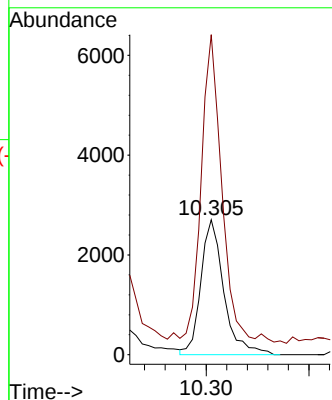
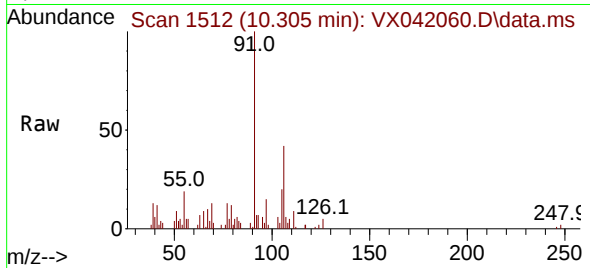
#68
m/p-Xylenes
Concen: 1.460 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX042060.D
Acq: 26 Jun 2024 17:58

Instrument :
MSVOA_X
ClientSampleId :
MW14-20240625

Tgt Ion:106 Resp: 4200
Ion Ratio Lower Upper
106 100
91 196.9 165.5 248.3

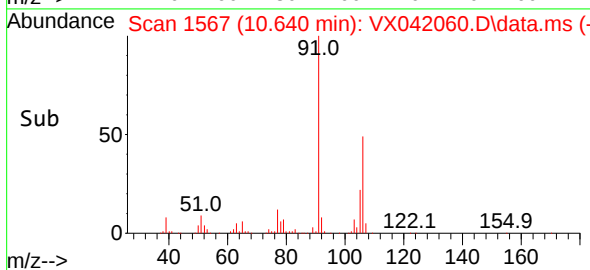
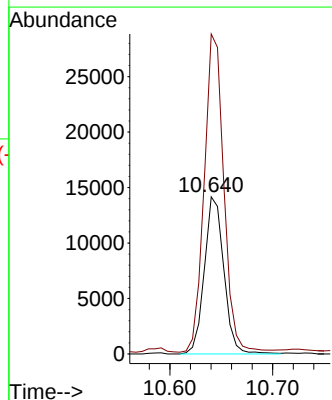
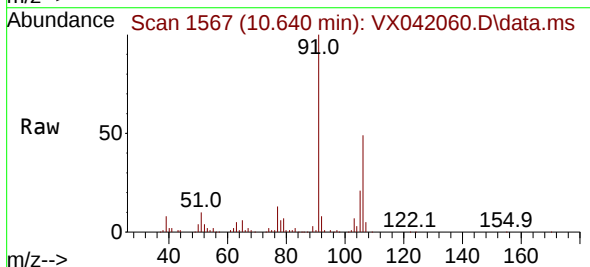
Manual Integrations
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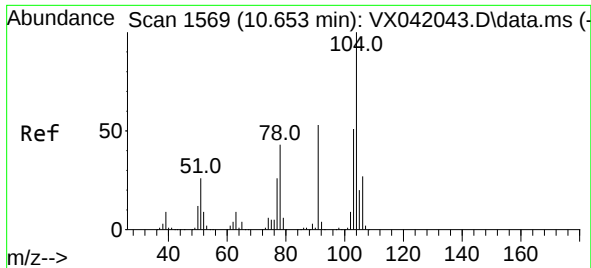
Reviewed By :John Carlone 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#69
o-Xylene
Concen: 6.580 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042060.D
Acq: 26 Jun 2024 17:58

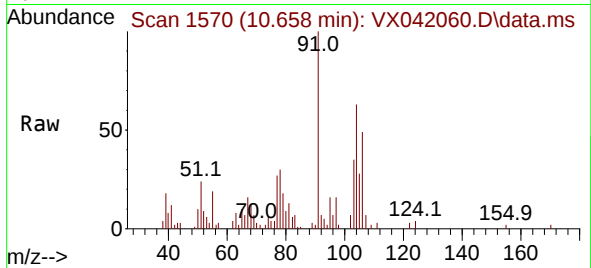
Tgt Ion:106 Resp: 18771
Ion Ratio Lower Upper
106 100
91 202.8 108.9 326.8





#70
Styrene
Concen: 1.245 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX042060.D
Acq: 26 Jun 2024 17:58

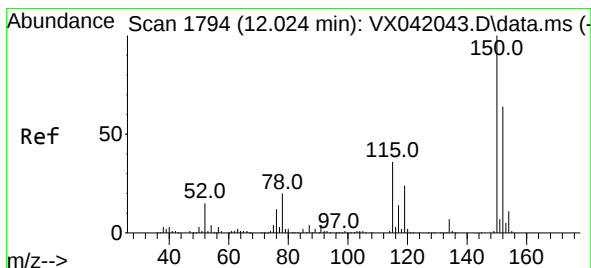
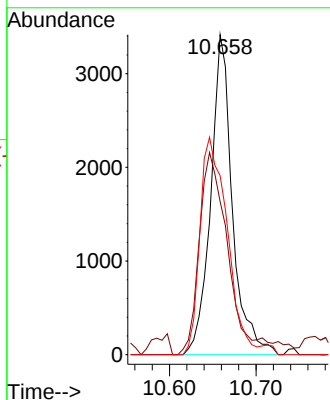
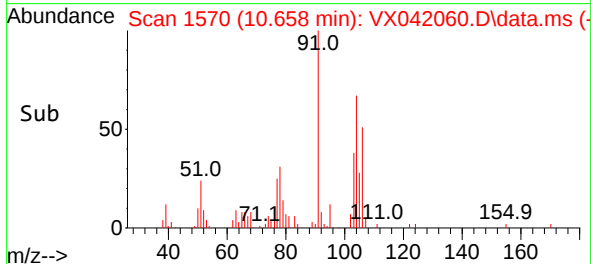
Instrument :
MSVOA_X
ClientSampleId :
MW14-20240625



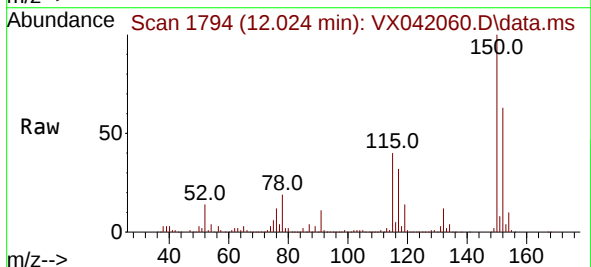
Tgt Ion:104 Resp: 5954
Ion Ratio Lower Upper
104 100
78 85.7 43.6 65.4
103 84.8 43.6 65.4

Manual Integrations
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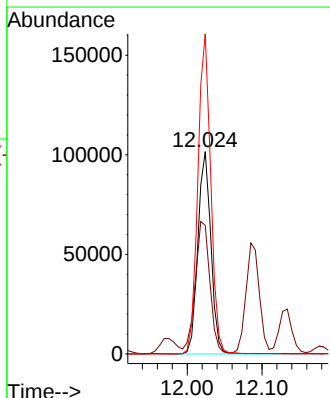
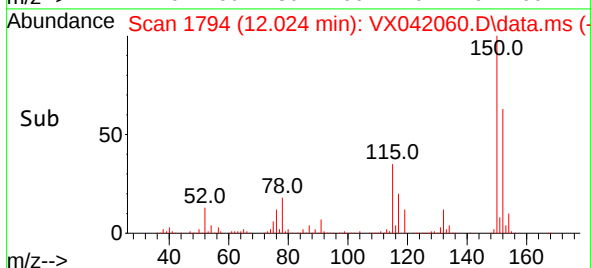
Reviewed By :John Carlone 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

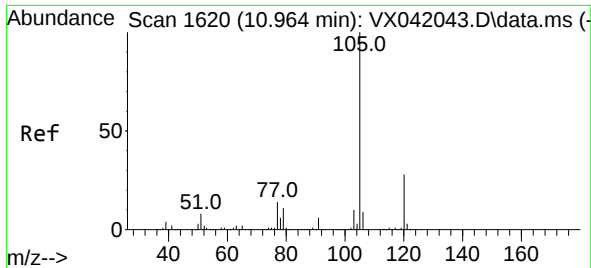


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX042060.D
Acq: 26 Jun 2024 17:58



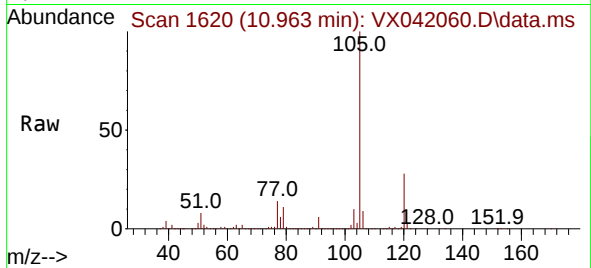
Tgt Ion:152 Resp: 122886
Ion Ratio Lower Upper
152 100
115 72.3 43.3 129.9
150 156.5 0.0 345.0





#73
Isopropylbenzene
Concen: 103.056 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX042060.D
Acq: 26 Jun 2024 17:58

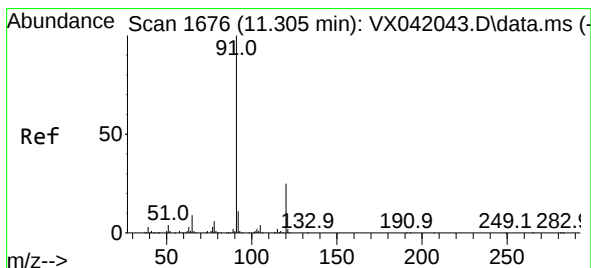
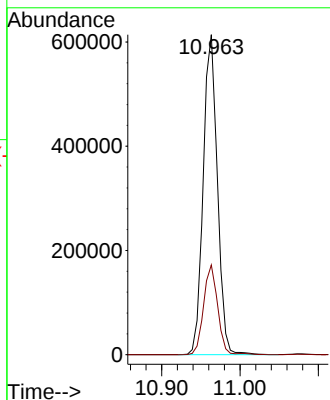
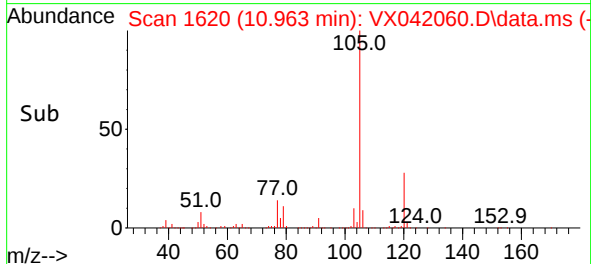
Instrument :
MSVOA_X
ClientSampleId :
MW14-20240625



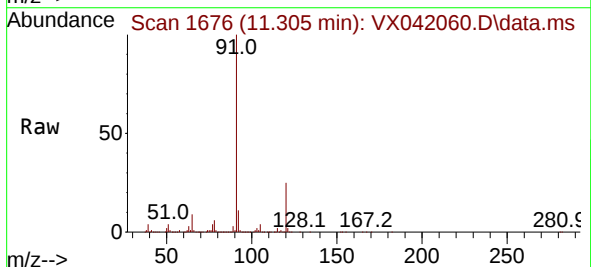
Tgt Ion:105 Resp: 77003
Ion Ratio Lower Upper
105 100
120 27.8 12.9 38.6

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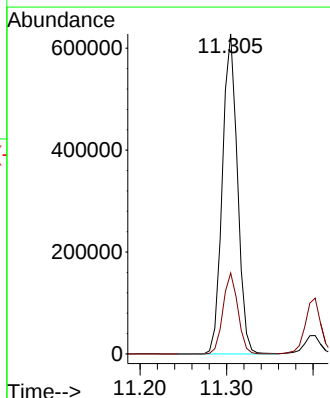
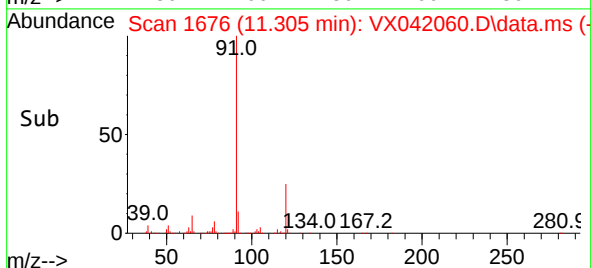
Reviewed By :John Carlone 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

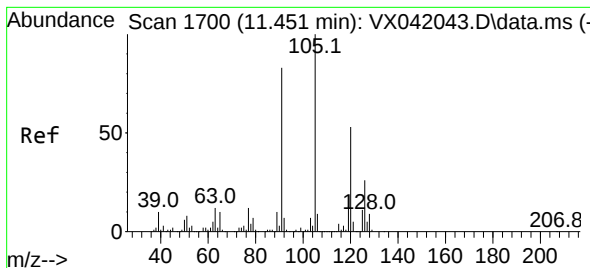


#78
n-propylbenzene
Concen: 93.603 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX042060.D
Acq: 26 Jun 2024 17:58



Tgt Ion: 91 Resp: 758864
Ion Ratio Lower Upper
91 100
120 24.9 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 26.849 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042060.D

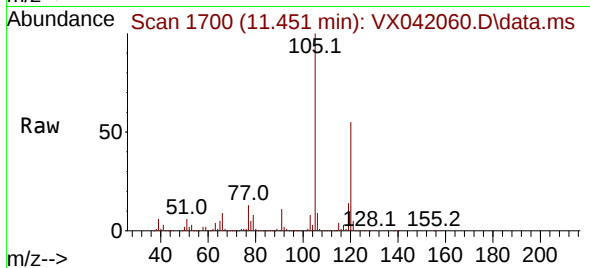
Acq: 26 Jun 2024 17:58

Instrument :

MSVOA_X

ClientSampleId :

MW14-20240625



Tgt Ion:105 Resp: 167094

Ion Ratio Lower Upper

105 100

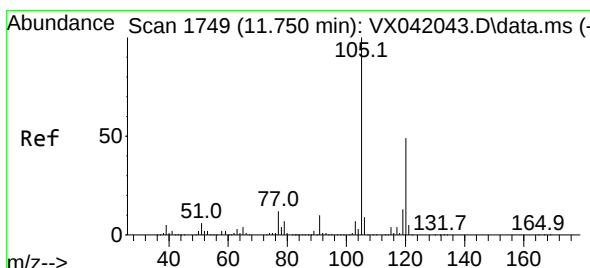
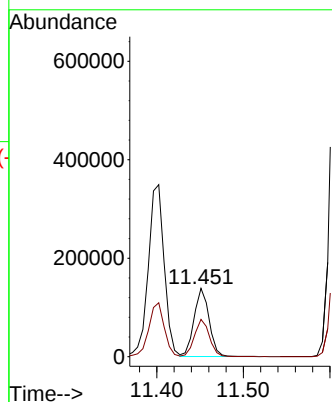
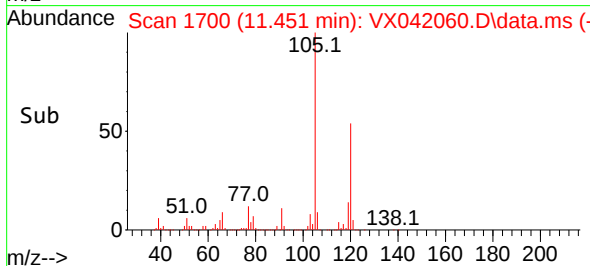
120 54.2 24.1 72.3

Manual Integrations

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Reviewed By :John Carlone 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#84

1,2,4-Trimethylbenzene

Concen: 672.179 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX042060.D

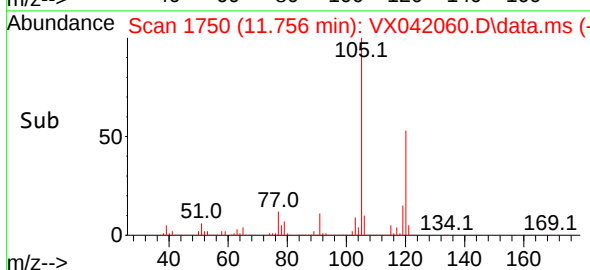
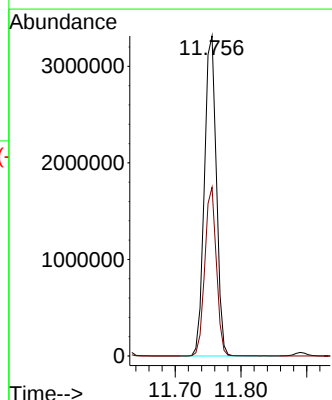
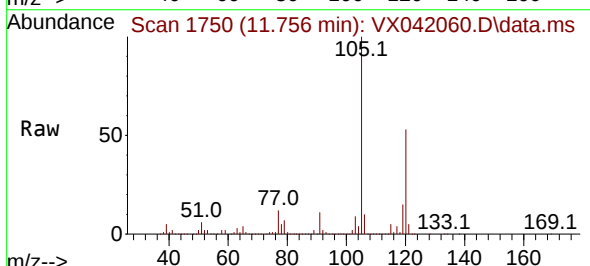
Acq: 26 Jun 2024 17:58

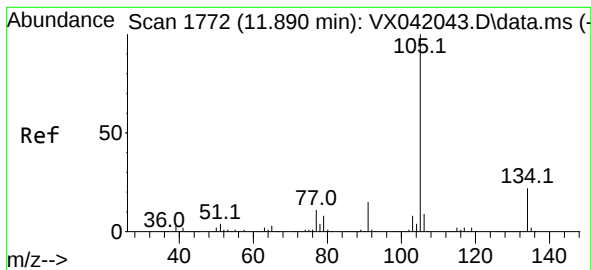
Tgt Ion:105 Resp: 4197014

Ion Ratio Lower Upper

105 100

120 50.8 21.2 63.6





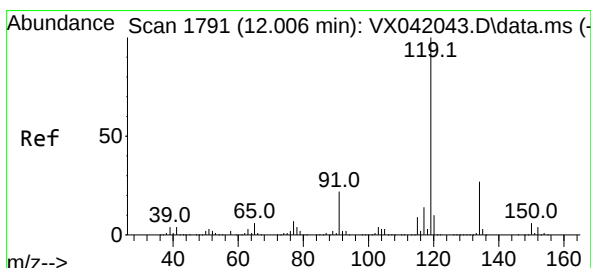
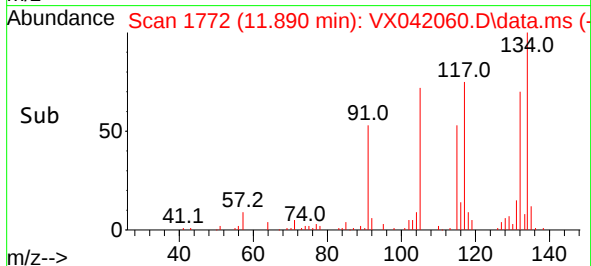
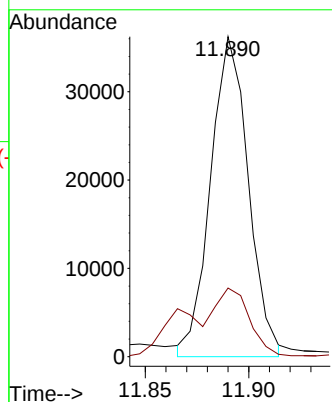
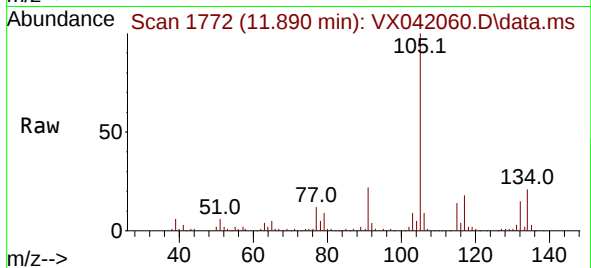
#85
 sec-Butylbenzene
 Concen: 5.939 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX042060.D
 Acq: 26 Jun 2024 17:58

Instrument :
 MSVOA_X
 ClientSampleId :
 MW14-20240625

Tgt Ion:105 Resp: 45870
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#86
 p-Isopropyltoluene
 Concen: 21.822 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX042060.D
 Acq: 26 Jun 2024 17:58

Tgt Ion:119 Resp: 147238
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.8 38.3
 91 34.3 13.1 39.3

