

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041710.D
 Acq On : 03 Jun 2024 17:27
 Operator : JC/MD
 Sample : P2660-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Quant Time: Jun 04 00:51:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/04/2024
 Supervised By : Mahesh Dadoda 06/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	136533	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	202709	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76269	45.546	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.100%		
35) Dibromofluoromethane	5.391	113	63707	45.456	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.920%		
50) Toluene-d8	8.647	98	240858	49.184	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.360%		
62) 4-Bromofluorobenzene	11.079	95	96573	53.432	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.860%		
Target Compounds						Qvalue
16) Acetone	2.392	43	49214	64.665	ug/l	100
17) Carbon Disulfide	2.495	76	1421	0.528	ug/l	# 90
25) 2-Butanone	4.580	43	20267	19.474	ug/l	96
31) Cyclohexane	5.464	56	28763	14.549	ug/l	96
39) Methylcyclohexane	7.373	83	18081	8.672	ug/l	94
40) Benzene	6.037	78	681634	128.504	ug/l	100
51) 4-Methyl-2-Pentanone	8.586	43	2972	1.417	ug/l	96
52) Toluene	8.720	92	242798	72.126	ug/l	99
67) Ethyl Benzene	10.195	91	1403766	203.012	ug/l	97
68) m/p-Xylenes	10.305	106	700495	254.650	ug/l	93
69) o-Xylene	10.640	106	761158	278.147	ug/l	93
73) Isopropylbenzene	10.963	105	43509	6.342	ug/l	98
78) n-propylbenzene	11.305	91	91468	12.142	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	74231	12.959	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	883134	152.169	ug/l	93
85) sec-Butylbenzene	11.890	105	7268m	1.027	ug/l	
86) p-Isopropyltoluene	12.012	119	7276	1.173	ug/l	# 73
95) Naphthalene	13.774	128	414861	57.904	ug/l	99

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

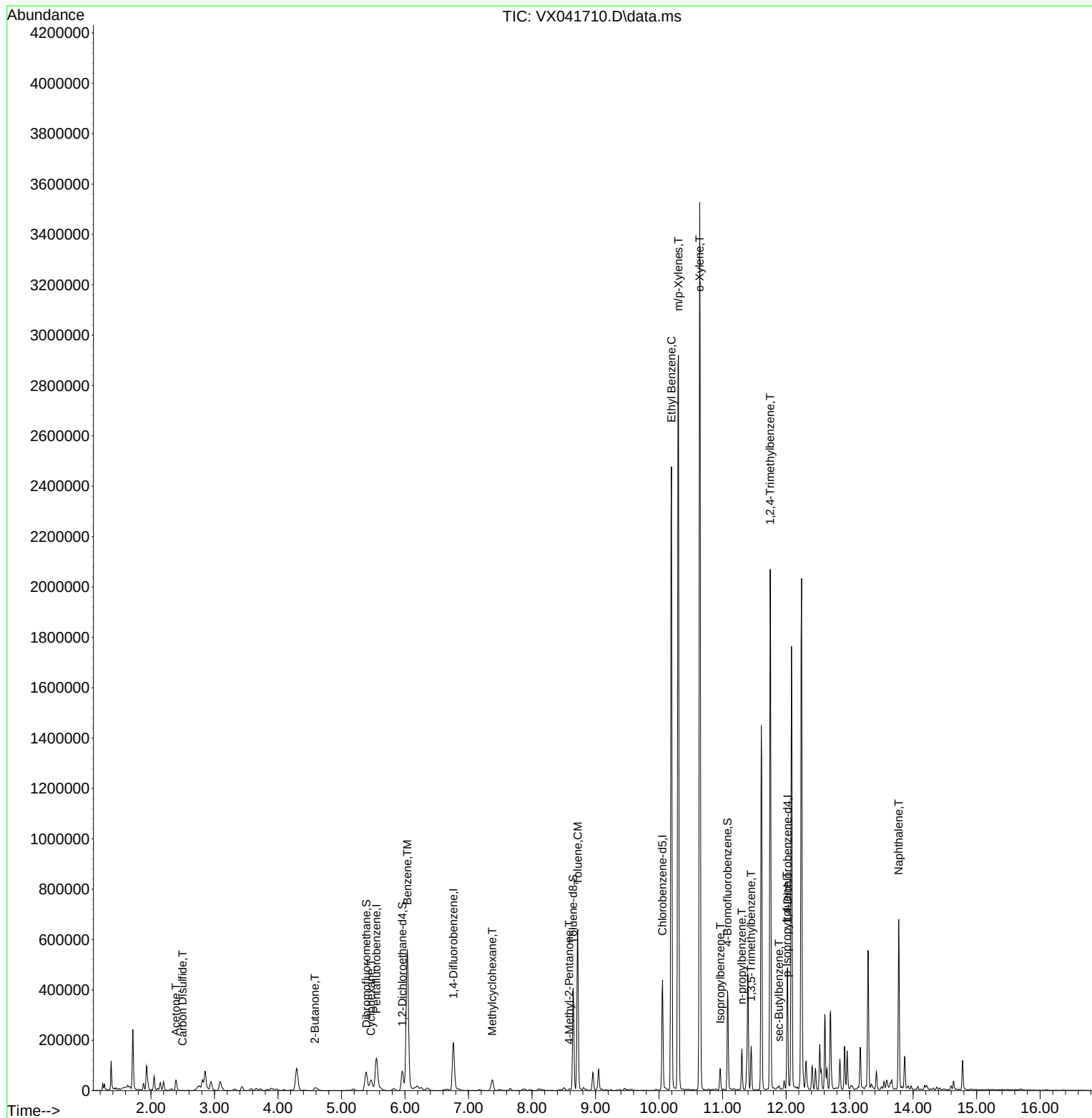
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
Data File : VX041710.D
Acq On : 03 Jun 2024 17:27
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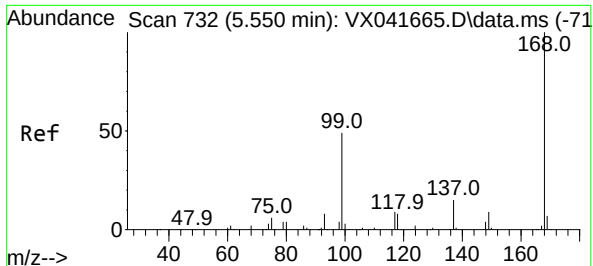
Instrument :
MSVOA_X
ClientSampleId :
MW-12

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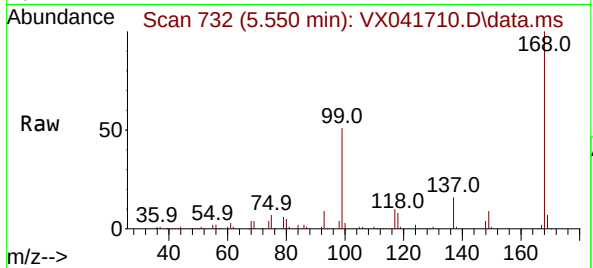
Quant Time: Jun 04 00:51:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

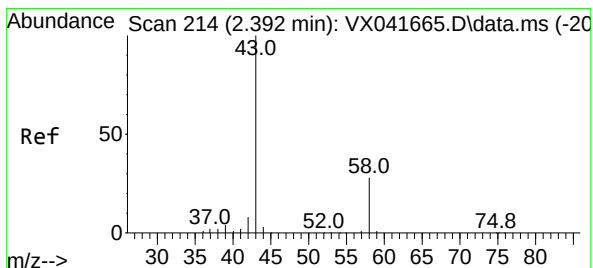
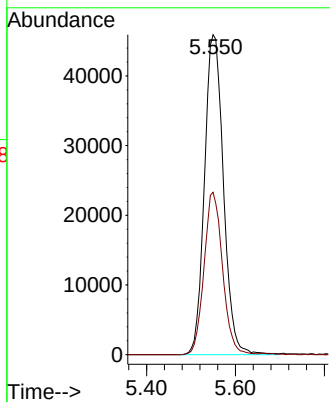
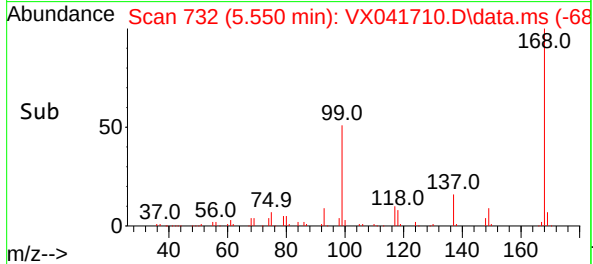
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion:168 Resp: 13653
Ion Ratio Lower Upper
168 100
99 50.7 56.6 85.0

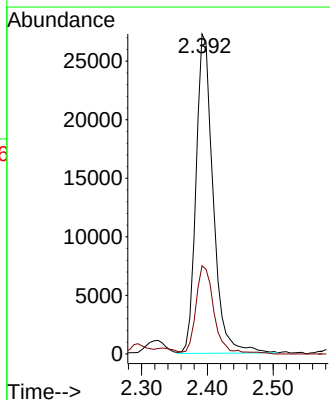
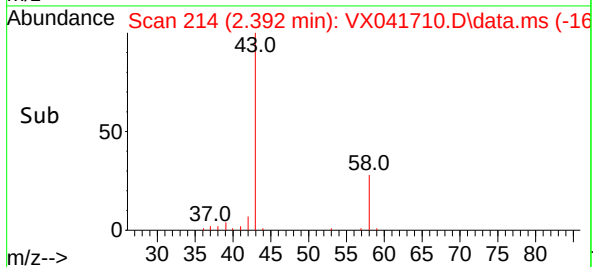
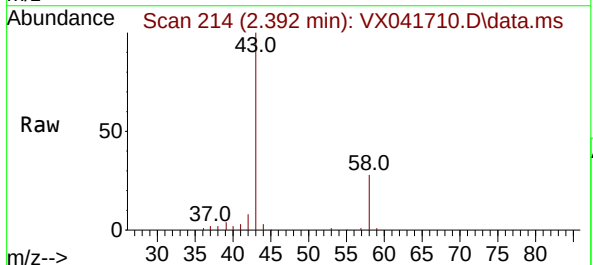
Manual Integrations
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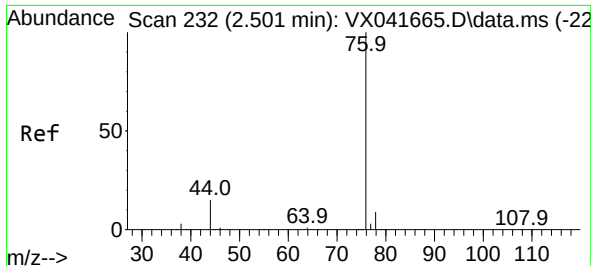
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024



#16
Acetone
Concen: 64.665 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

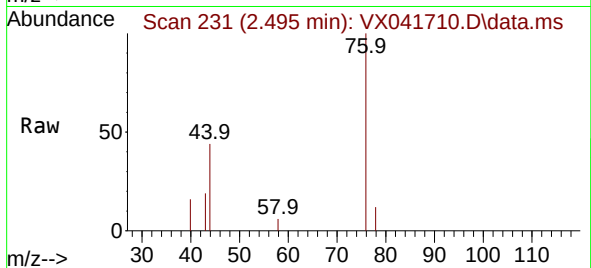
Tgt Ion: 43 Resp: 49214
Ion Ratio Lower Upper
43 100
58 27.6 21.9 32.9





#17
Carbon Disulfide
Concen: 0.528 ug/l
RT: 2.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

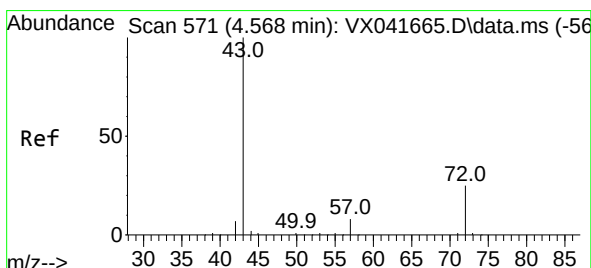
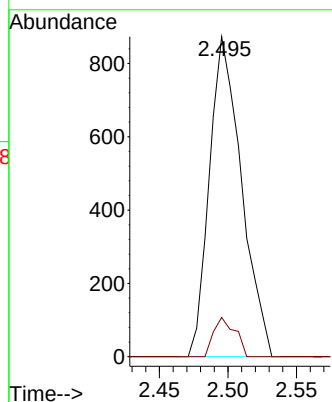
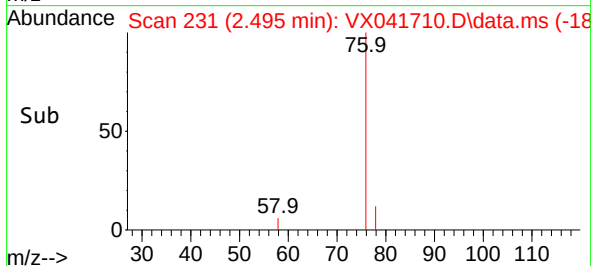
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion: 76 Resp: 142
Ion Ratio Lower Upper
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78 12.3 7.0 10.6

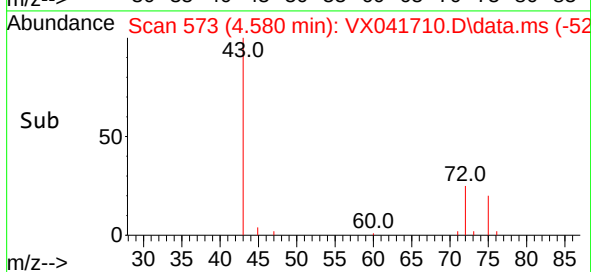
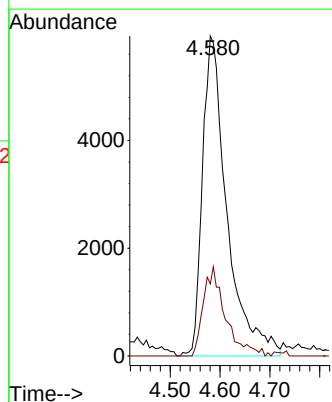
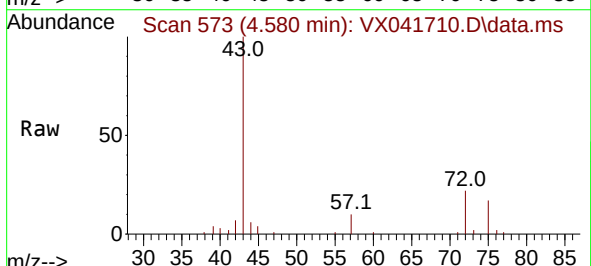
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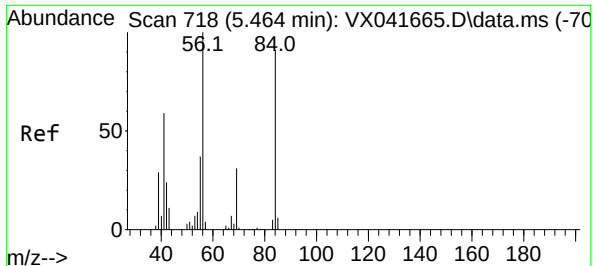
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024



#25
2-Butanone
Concen: 19.474 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

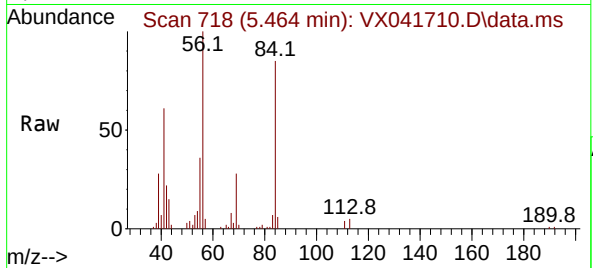
Tgt Ion: 43 Resp: 20267
Ion Ratio Lower Upper
43 100
72 22.5 19.4 29.2





#31
Cyclohexane
Concen: 14.549 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

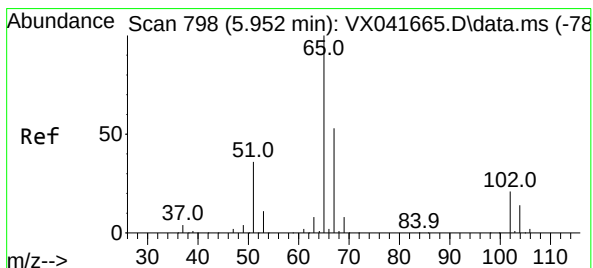
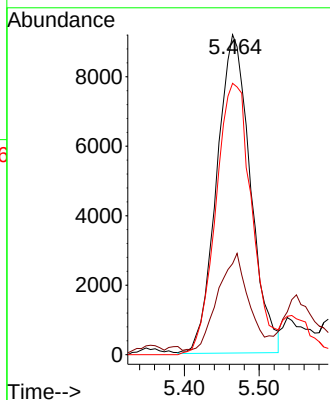
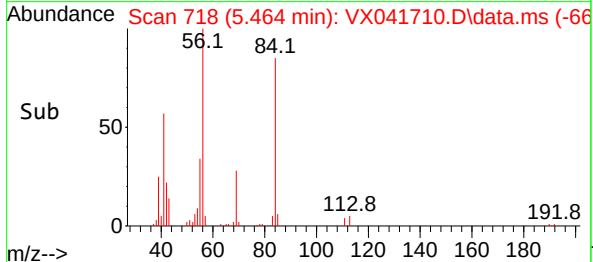
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion: 56 Resp: 2876
Ion Ratio Lower Upper
56 100
69 26.1 23.4 35.2
84 85.4 65.9 98.9

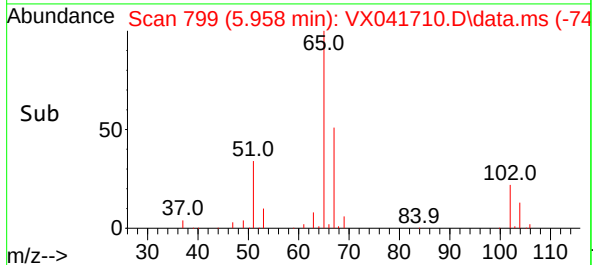
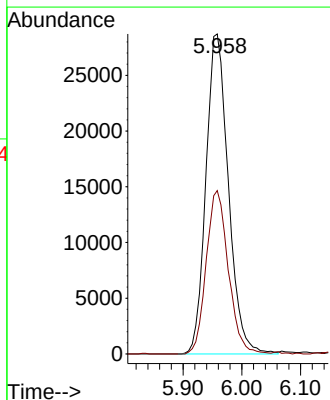
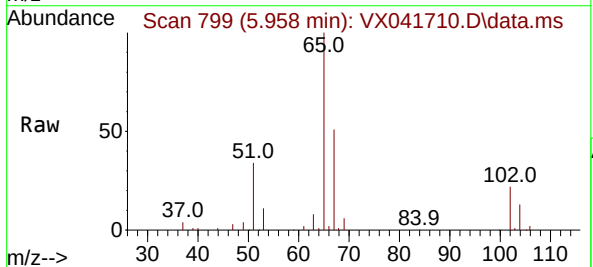
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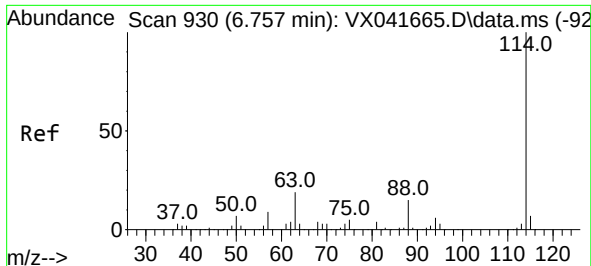
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024



#33
1,2-Dichloroethane-d4
Concen: 45.546 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

Tgt Ion: 65 Resp: 76269
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2





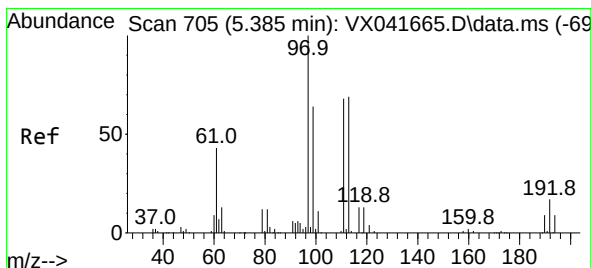
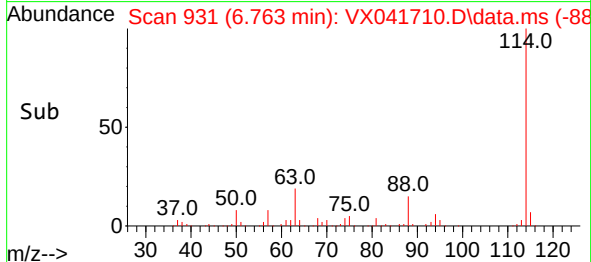
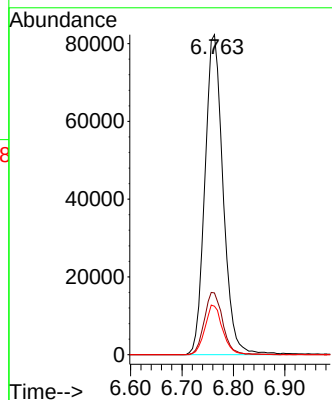
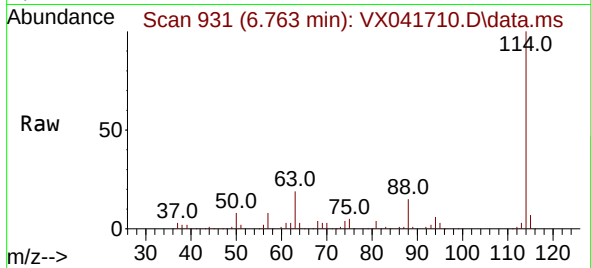
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion:114 Resp: 202709
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 15.2 0.0 36.6

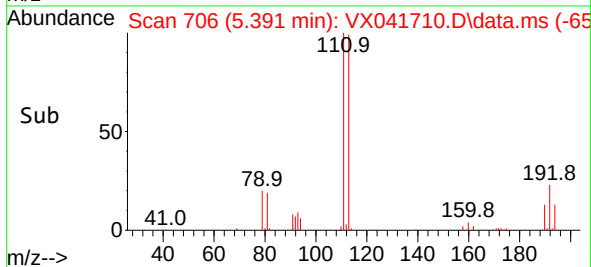
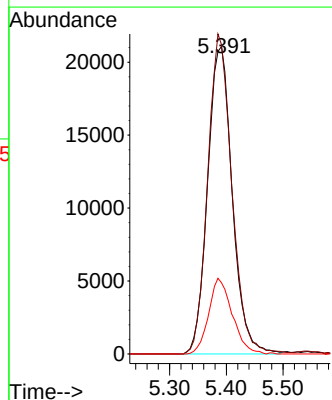
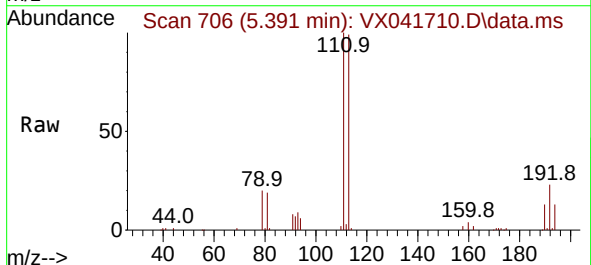
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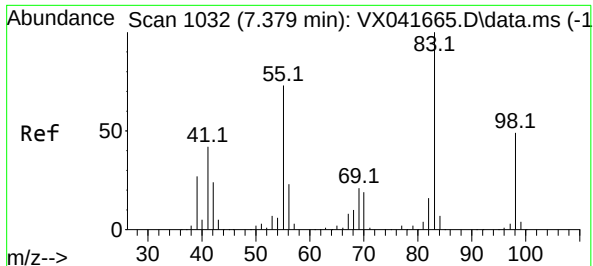
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024



#35
Dibromofluoromethane
Concen: 45.456 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

Tgt Ion:113 Resp: 63707
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 23.5 13.3 19.9#





#39

Methylcyclohexane

Concen: 8.672 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX041710.D

Acq: 03 Jun 2024 17:27

Instrument :

MSVOA_X

ClientSampleId :

MW-12

Tgt Ion: 83 Resp: 1808

Ion Ratio Lower Upper

83 100

55 83.9 64.6 97.0

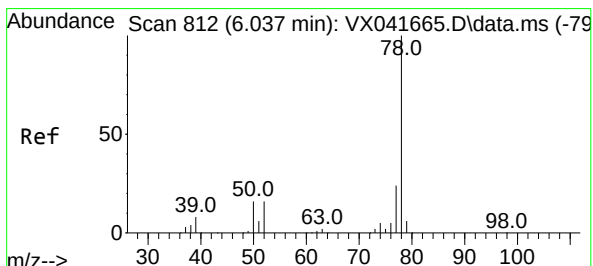
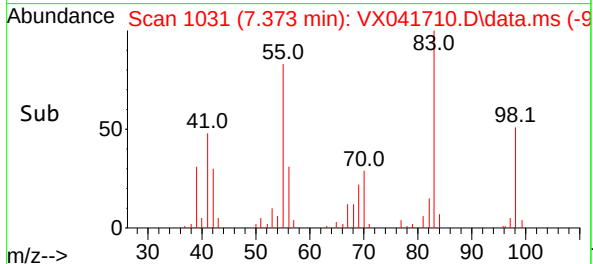
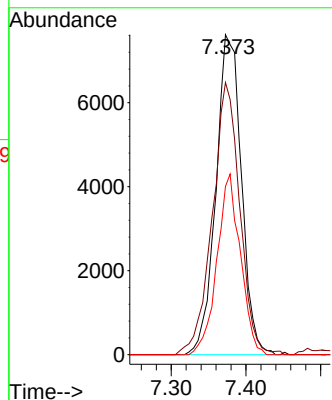
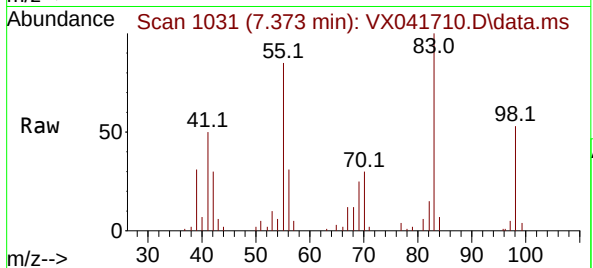
98 52.6 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 06/04/2024

Supervised By :Mahesh Dadoda 06/04/2024



#40

Benzene

Concen: 128.504 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX041710.D

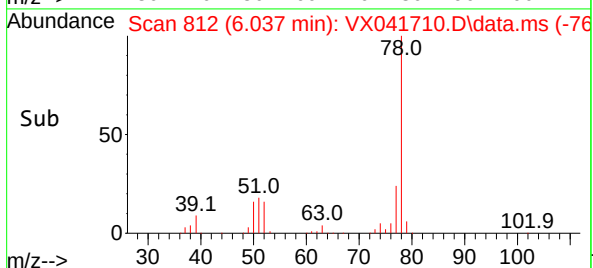
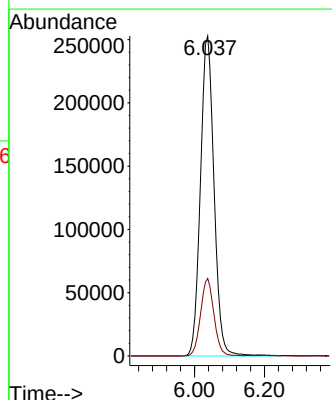
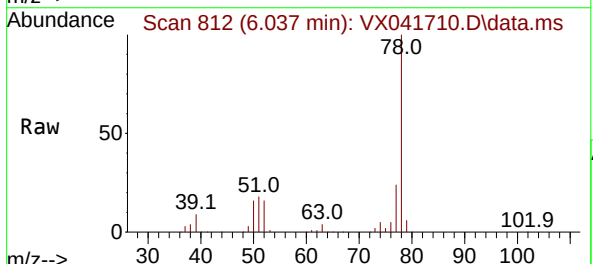
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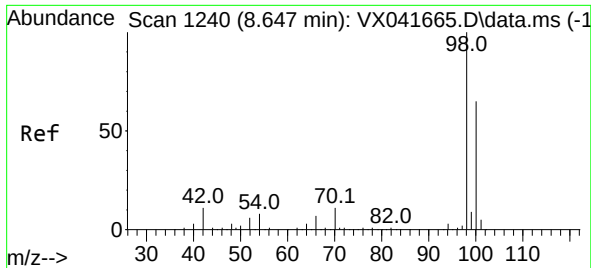
Tgt Ion: 78 Resp: 681634

Ion Ratio Lower Upper

78 100

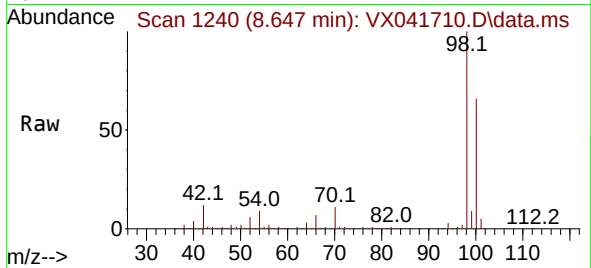
77 24.2 19.3 28.9





#50
Toluene-d8
Concen: 49.184 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

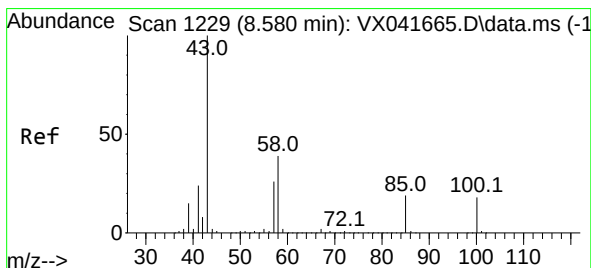
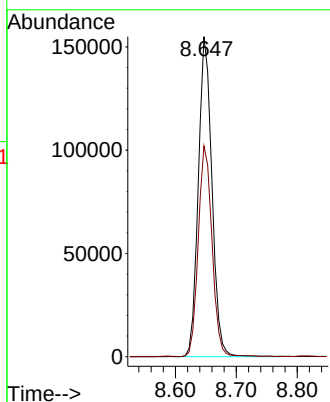
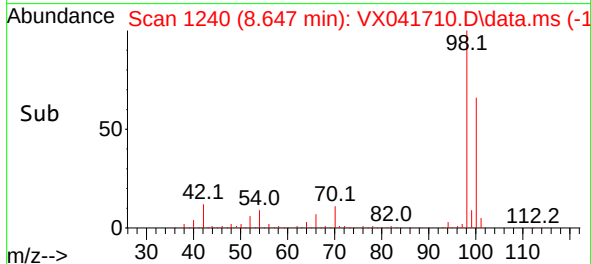
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion: 98 Resp: 240858
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

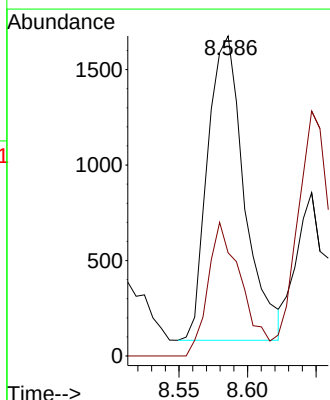
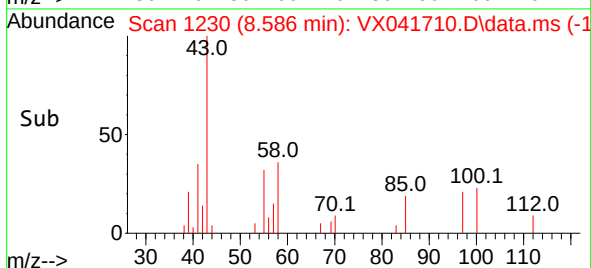
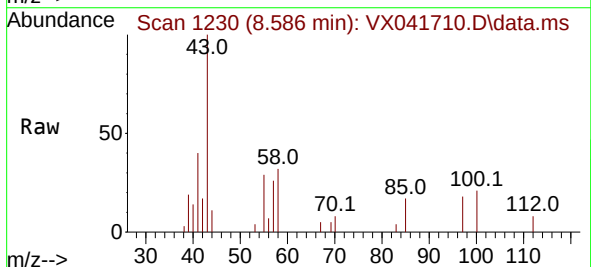
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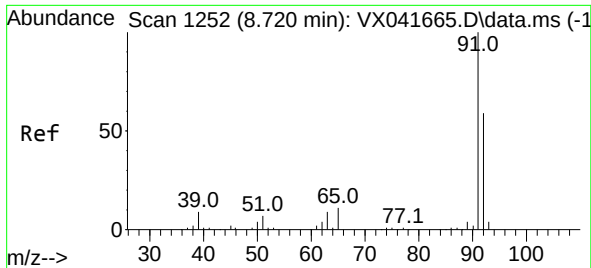
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024



#51
4-Methyl-2-Pentanone
Concen: 1.417 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

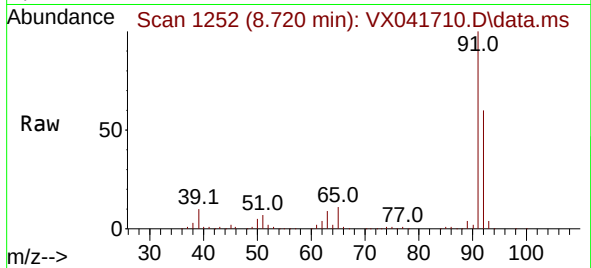
Tgt Ion: 43 Resp: 2972
Ion Ratio Lower Upper
43 100
58 40.2 30.4 45.6





#52
Toluene
Concen: 72.126 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

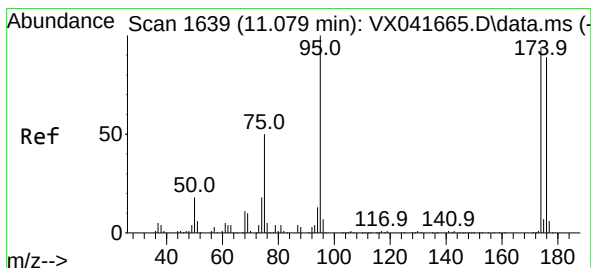
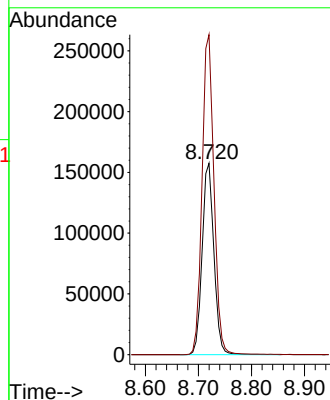
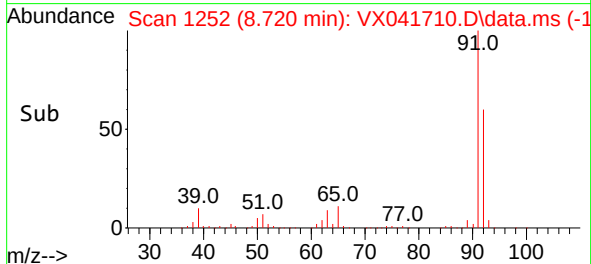
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ClientSampleId :
MW-12



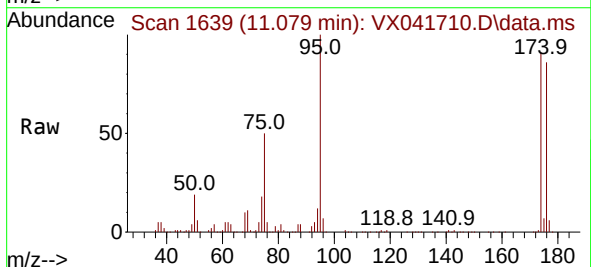
Tgt Ion: 92 Resp: 242798
Ion Ratio Lower Upper
92 100
91 168.9 134.2 201.2

Manual Integrations
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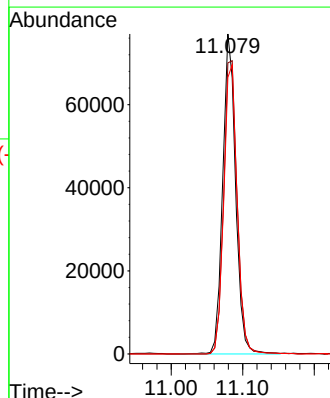
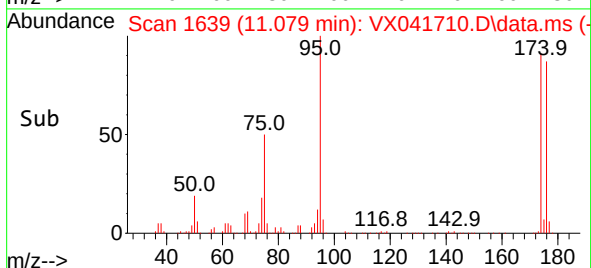
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024

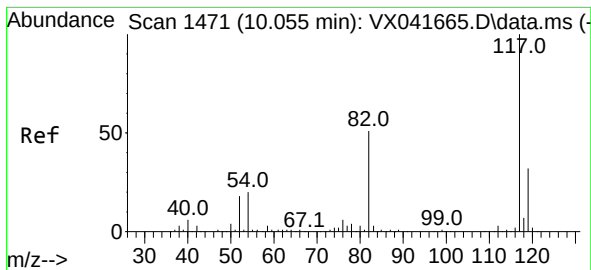


#62
4-Bromofluorobenzene
Concen: 53.432 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27



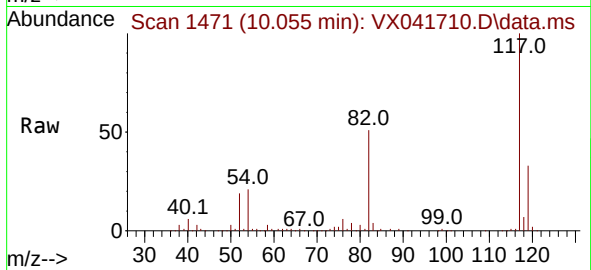
Tgt Ion: 95 Resp: 96573
Ion Ratio Lower Upper
95 100
174 96.8 0.0 135.6
176 94.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

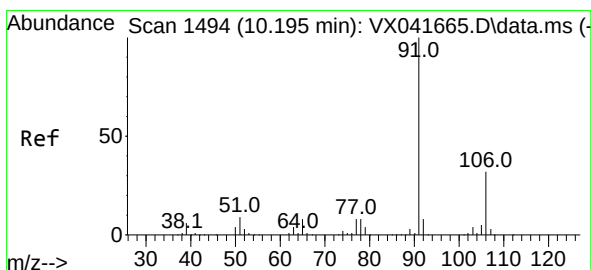
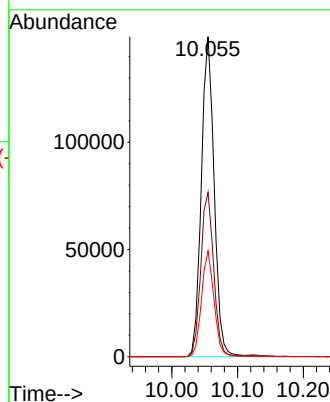
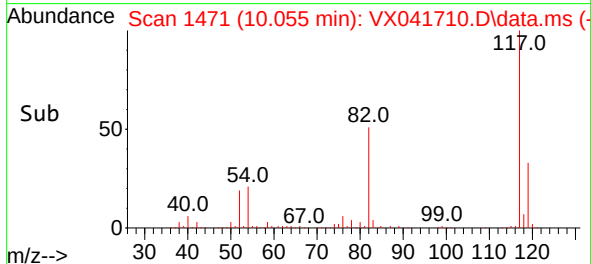
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion:117 Resp: 202172
Ion Ratio Lower Upper
117 100
82 51.4 46.2 69.4
119 33.0 25.5 38.3

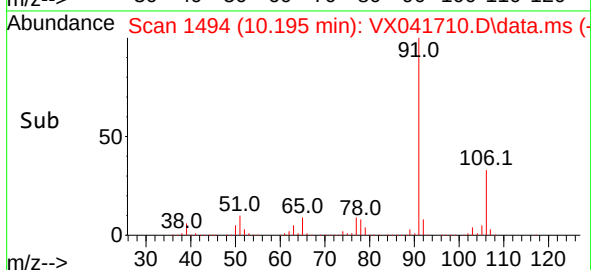
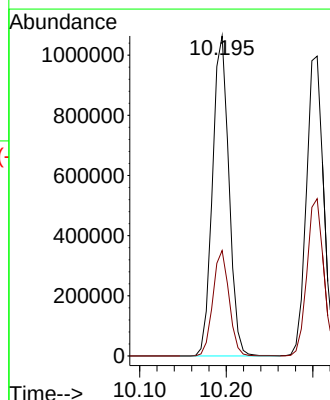
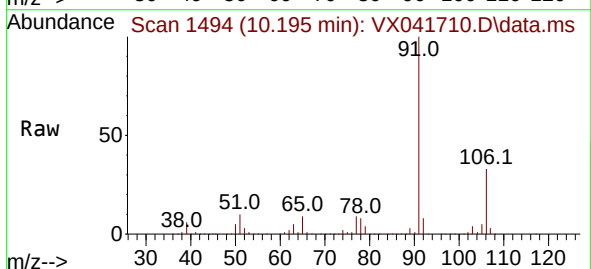
Manual Integrations
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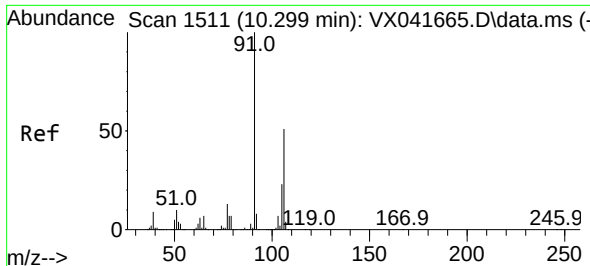
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024



#67
Ethyl Benzene
Concen: 203.012 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

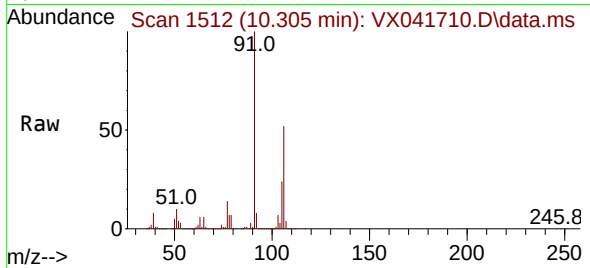
Tgt Ion: 91 Resp: 1403766
Ion Ratio Lower Upper
91 100
106 33.0 24.9 37.3





#68
m/p-Xylenes
Concen: 254.650 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

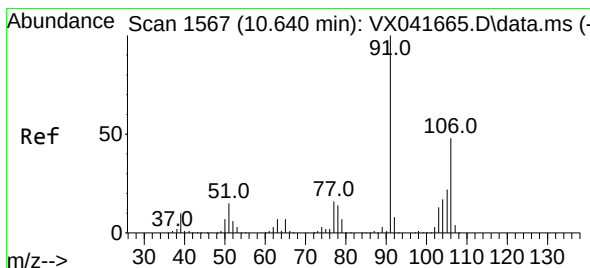
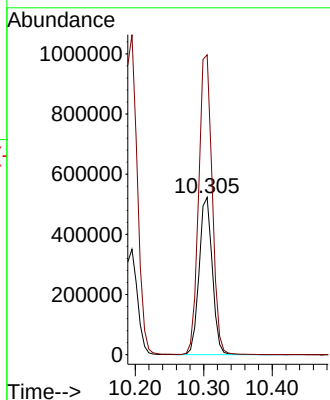
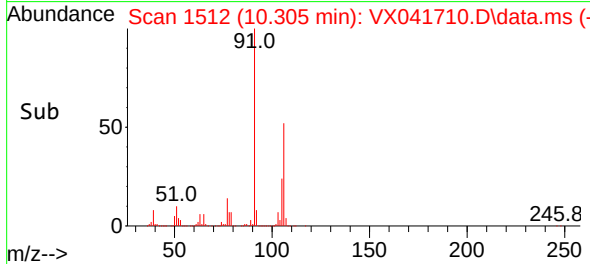
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion:106 Resp: 700495
Ion Ratio Lower Upper
106 100
91 195.9 165.5 248.3

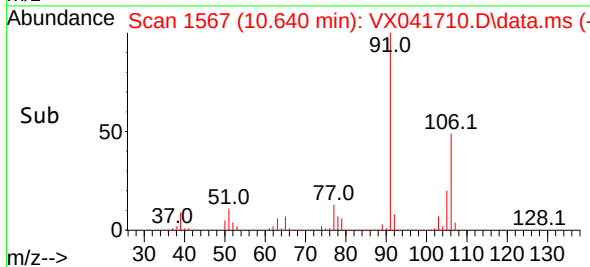
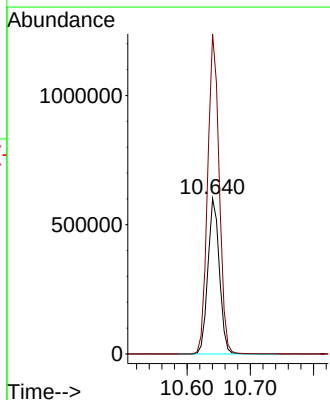
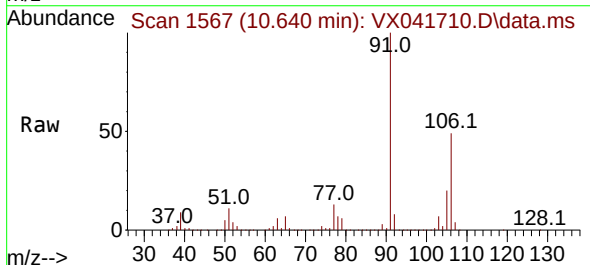
Manual Integrations
APPROVED

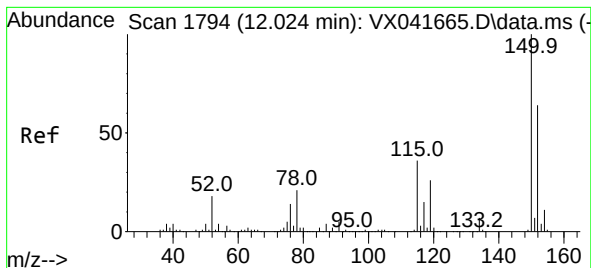
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024



#69
o-Xylene
Concen: 278.147 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

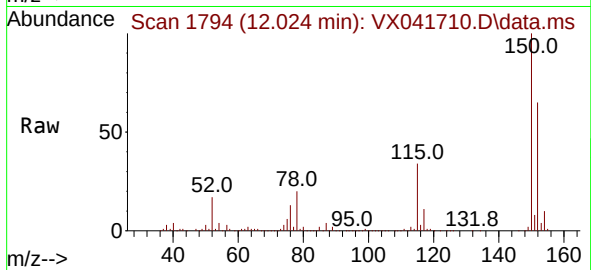
Tgt Ion:106 Resp: 761158
Ion Ratio Lower Upper
106 100
91 206.9 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

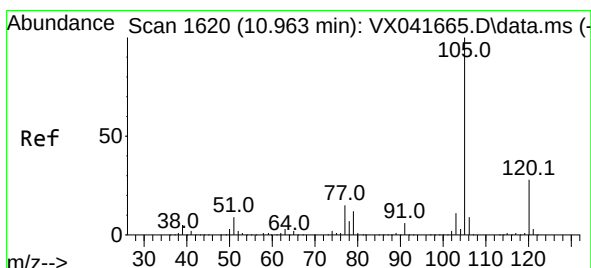
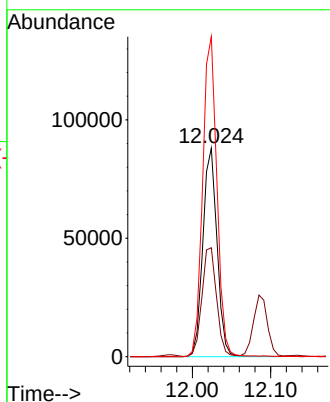
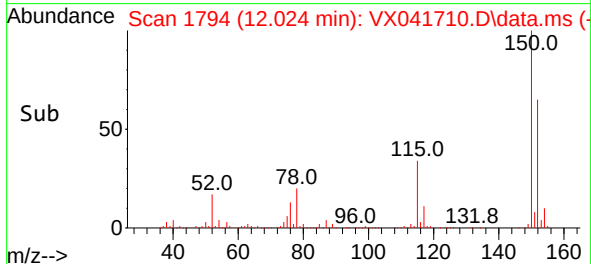
Instrument :
MSVOA_X
ClientSampleId :
MW-12



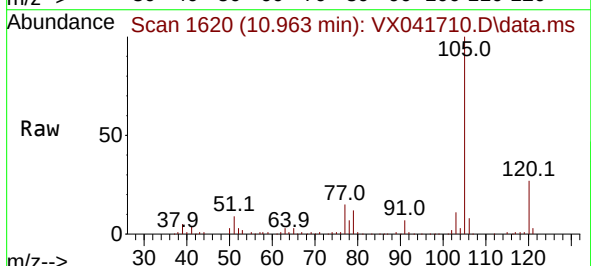
Tgt Ion:152 Resp: 11060
Ion Ratio Lower Upper
152 100
115 53.7 43.3 129.9
150 154.1 0.0 345.0

Manual Integrations
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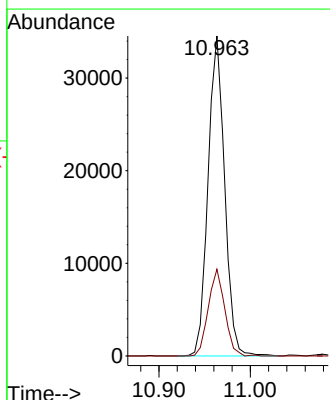
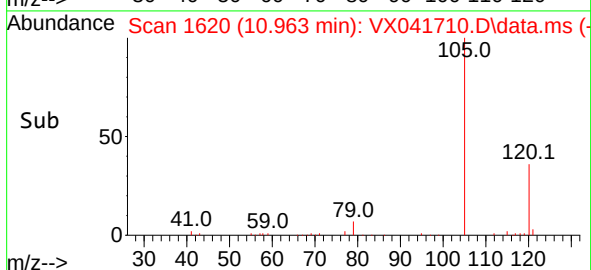
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024

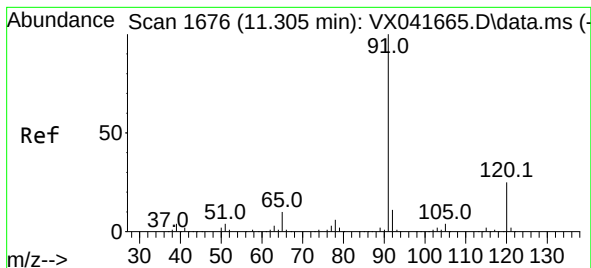


#73
Isopropylbenzene
Concen: 6.342 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27



Tgt Ion:105 Resp: 43509
Ion Ratio Lower Upper
105 100
120 26.9 12.9 38.6





#78

n-propylbenzene

Concen: 12.142 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041710.D

Acq: 03 Jun 2024 17:27

Instrument :

MSVOA_X

ClientSampleId :

MW-12

Tgt Ion: 91 Resp: 91468

Ion Ratio Lower Upper

91 100

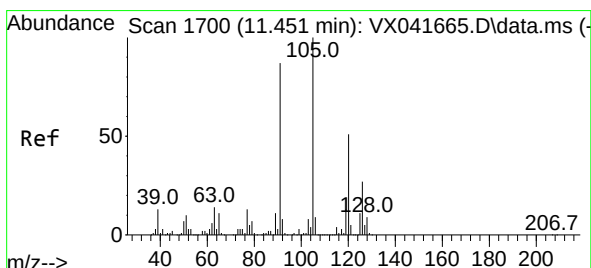
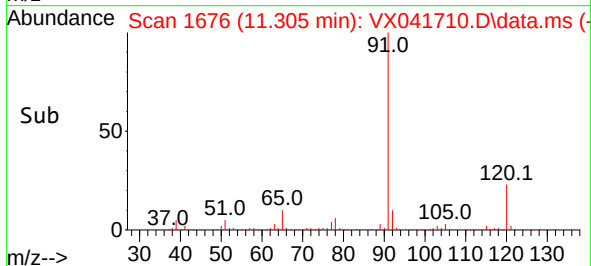
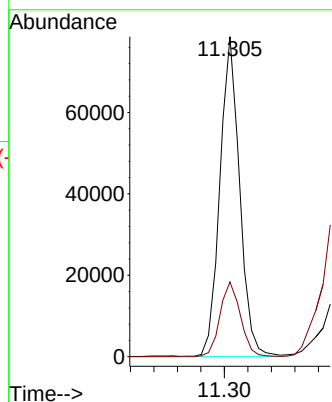
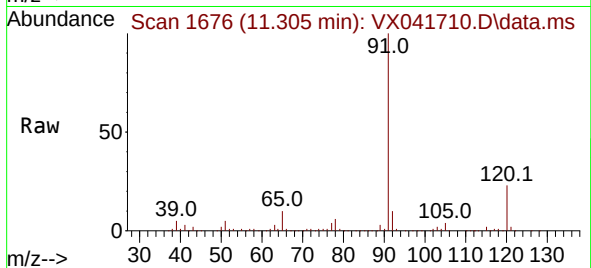
120 24.4 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2024

Supervised By :Mahesh Dadoda 06/04/2024



#80

1,3,5-Trimethylbenzene

Concen: 12.959 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041710.D

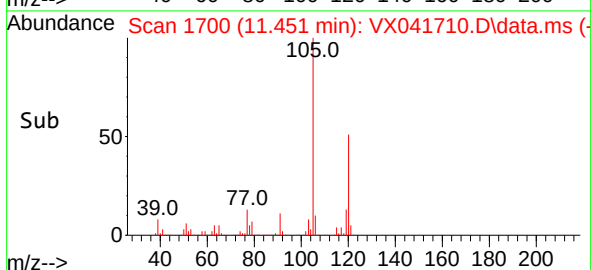
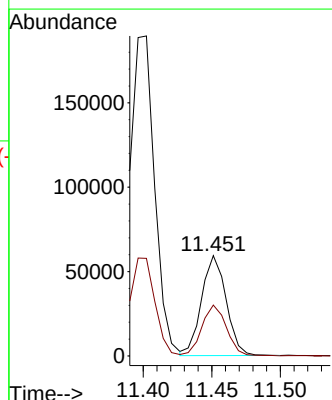
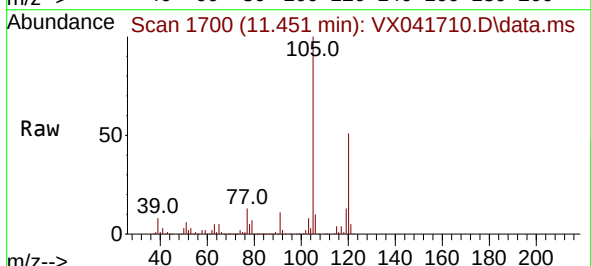
Acq: 03 Jun 2024 17:27

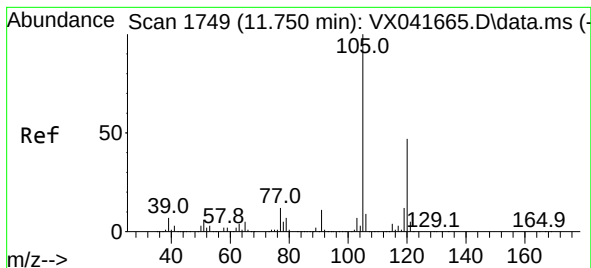
Tgt Ion:105 Resp: 74231

Ion Ratio Lower Upper

105 100

120 50.3 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 152.169 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041710.D

Acq: 03 Jun 2024 17:27

Instrument :

MSVOA_X

ClientSampleId :

MW-12

Tgt Ion:105 Resp: 883134

Ion Ratio Lower Upper

105 100

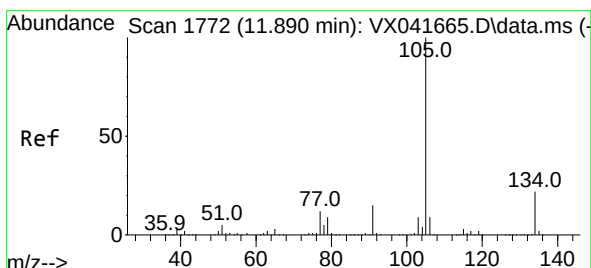
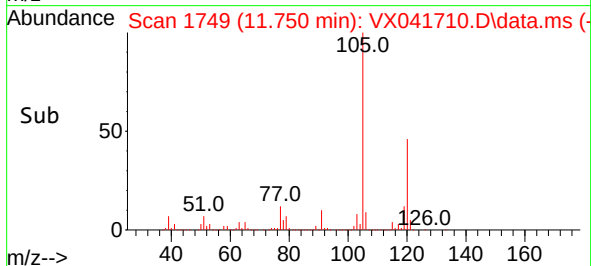
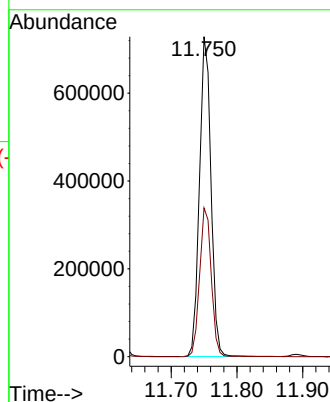
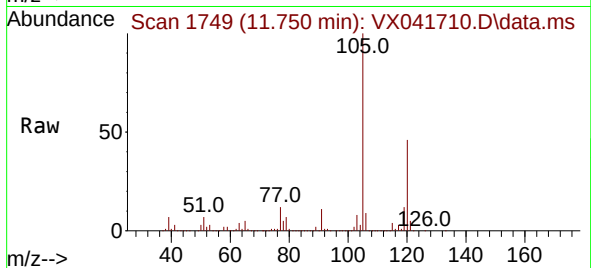
120 47.0 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2024

Supervised By :Mahesh Dadoda 06/04/2024



#85

sec-Butylbenzene

Concen: 1.027 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041710.D

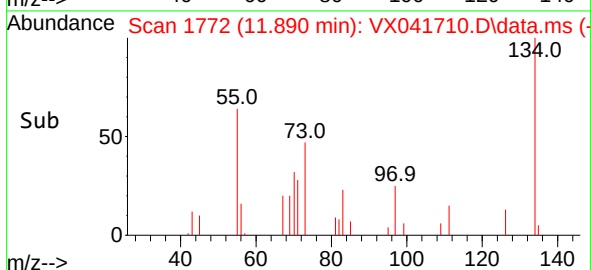
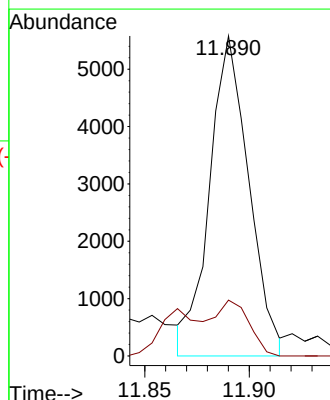
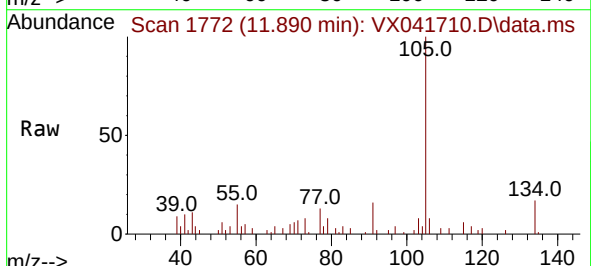
Acq: 03 Jun 2024 17:27

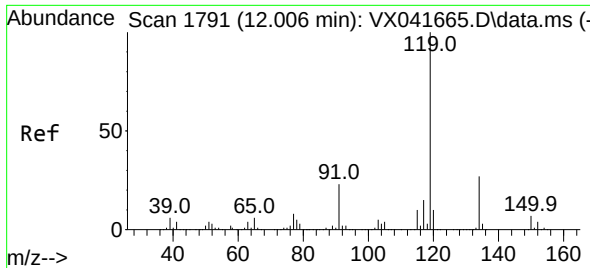
Tgt Ion:105 Resp: 7268

Ion Ratio Lower Upper

105 100

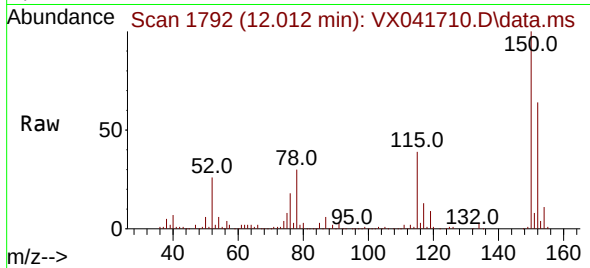
134 0.0 9.8 29.4#





#86
p-Isopropyltoluene
Concen: 1.173 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

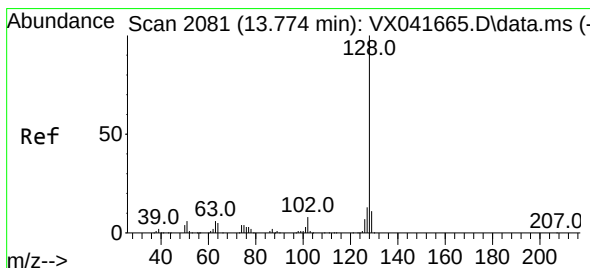
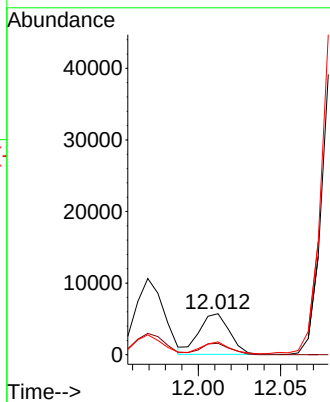
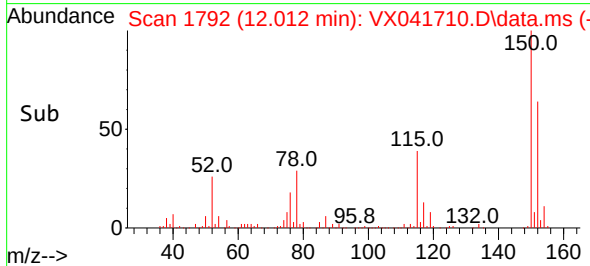
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion:119 Resp: 7270
Ion Ratio Lower Upper
119 100
134 26.5 12.8 38.3
91 0.0 13.1 39.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024



#95
Naphthalene
Concen: 57.904 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041710.D
Acq: 03 Jun 2024 17:27

Tgt Ion:128 Resp: 414861
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.1 8.8 13.2

