

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041817.D
 Acq On : 10 Jun 2024 17:51
 Operator : JC/MD
 Sample : P2767-03DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024

Quant Time: Jun 11 05:53:48 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	140577	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	216230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83415	48.381	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.760%		
35) Dibromofluoromethane	5.385	113	68392	45.747	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.500%		
50) Toluene-d8	8.647	98	263018	50.351	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.700%		
62) 4-Bromofluorobenzene	11.079	95	101188	52.484	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.960%		
Target Compounds						
						Qvalue
16) Acetone	2.392	43	4084	2.706	ug/l	99
31) Cyclohexane	5.465	56	50040	24.583	ug/l	92
39) Methylcyclohexane	7.379	83	51106	22.980	ug/l	94
52) Toluene	8.720	92	21637	6.026	ug/l	99
67) Ethyl Benzene	10.195	91	96034	12.931	ug/l	99
68) m/p-Xylenes	10.299	106	225429	76.300	ug/l	95
69) o-Xylene	10.640	106	110828	37.707	ug/l	96
73) Isopropylbenzene	10.964	105	34001	4.895	ug/l	98
78) n-propylbenzene	11.305	91	62367	8.177	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	70880	12.221	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	348222	59.261	ug/l	93
85) sec-Butylbenzene	11.890	105	8219m	1.148	ug/l	
86) p-Isopropyltoluene	12.012	119	5520	0.879	ug/l	95
89) n-Butylbenzene	12.329	91	12919	2.598	ug/l #	25

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

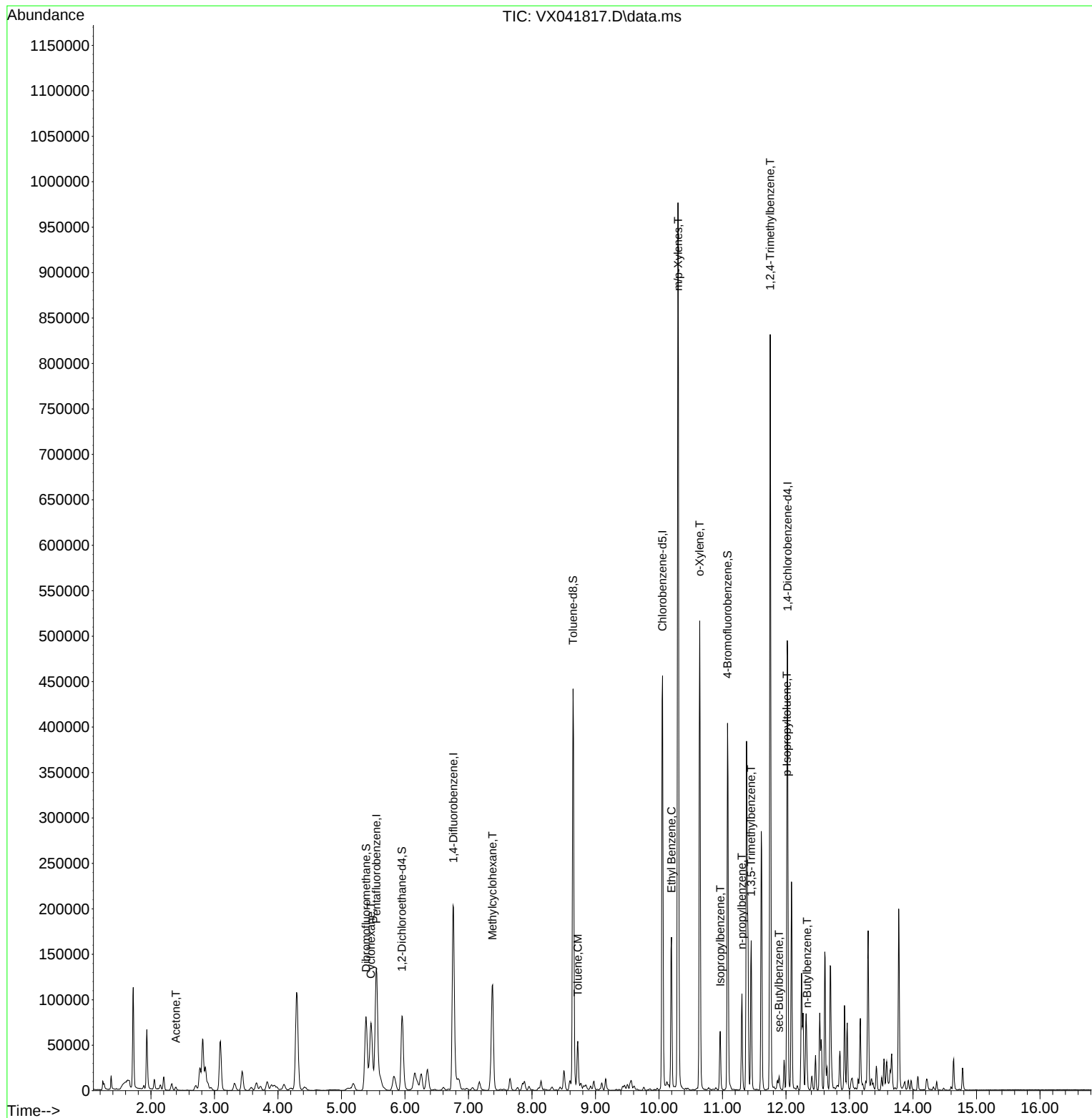
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
Data File : VX041817.D
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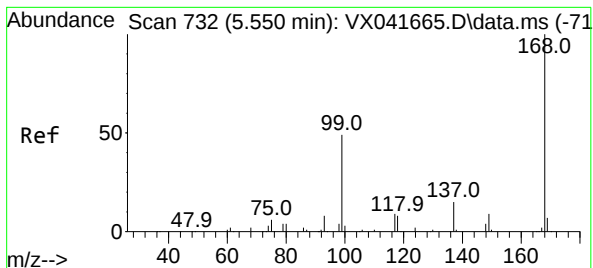
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Quant Time: Jun 11 05:53:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
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Supervised By :Semsettin Yesilyurt 06/11/2024





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX041817.D

Acq: 10 Jun 2024 17:51

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

Tgt Ion:168 Resp: 14057

Ion Ratio Lower Upper

168 100

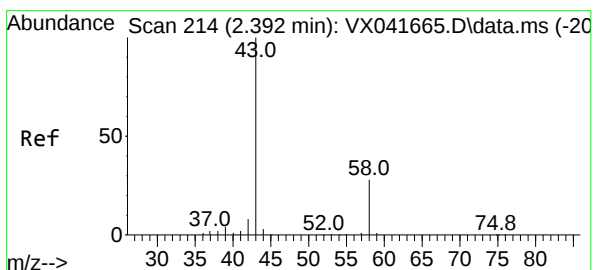
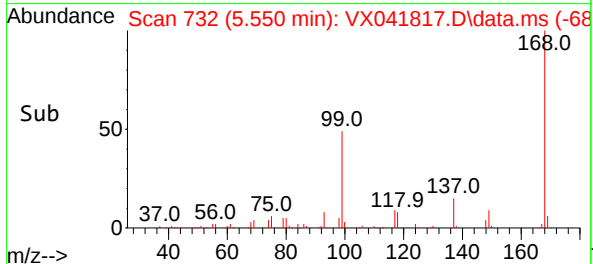
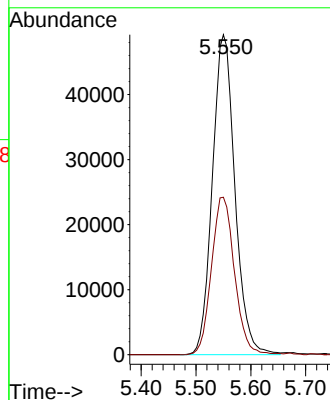
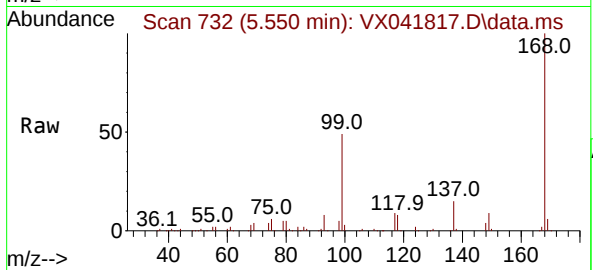
99 49.2 56.6 85.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 06/11/2024



#16

Acetone

Concen: 2.706 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041817.D

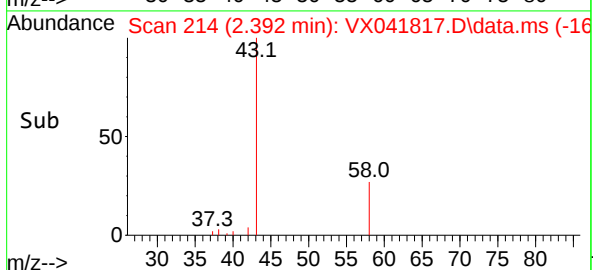
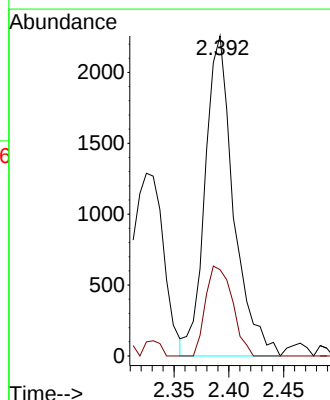
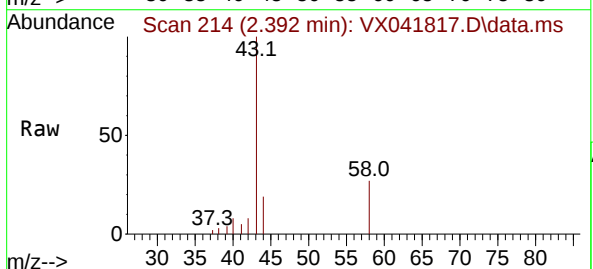
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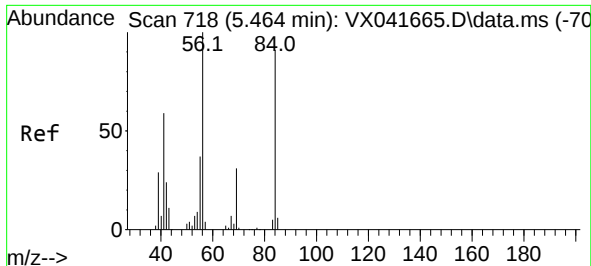
Tgt Ion: 43 Resp: 4084

Ion Ratio Lower Upper

43 100

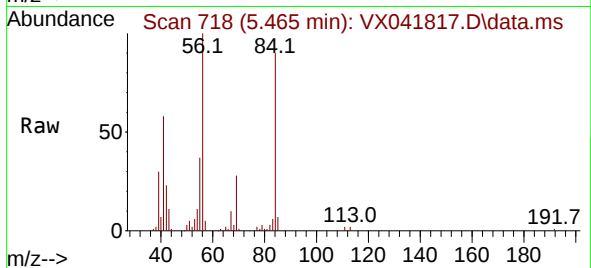
58 26.9 21.9 32.9





#31
Cyclohexane
Concen: 24.583 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041817.D
Acq: 10 Jun 2024 17:51

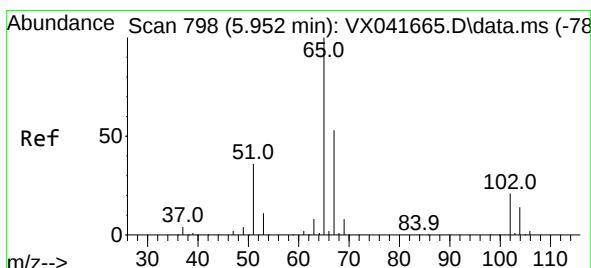
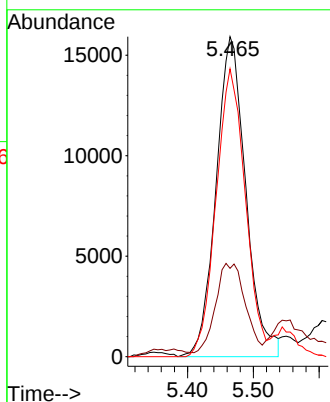
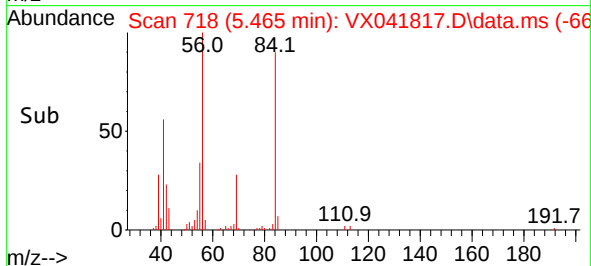
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Tgt Ion: 56 Resp: 50040
Ion Ratio Lower Upper
56 100
69 25.7 23.4 35.2
84 90.0 65.9 98.9

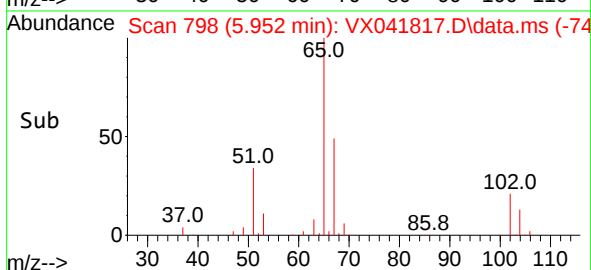
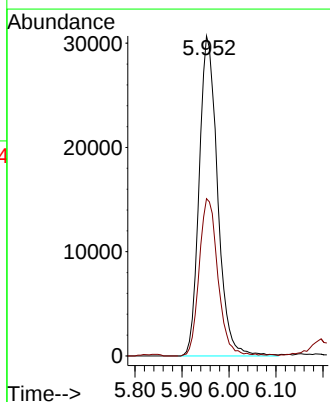
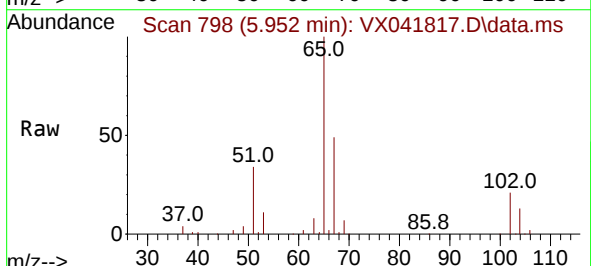
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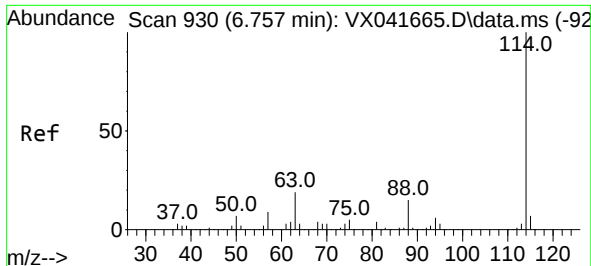
Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024



#33
1,2-Dichloroethane-d4
Concen: 48.381 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041817.D
Acq: 10 Jun 2024 17:51

Tgt Ion: 65 Resp: 83415
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2





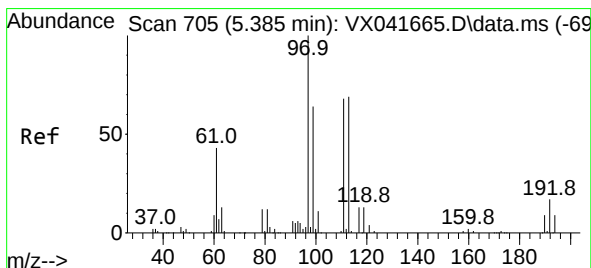
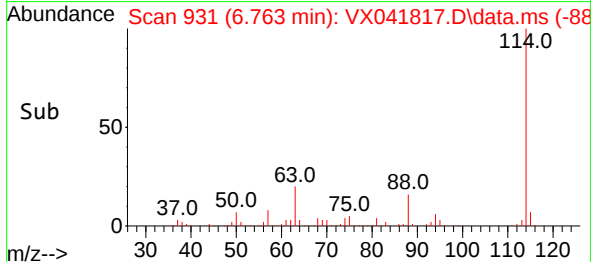
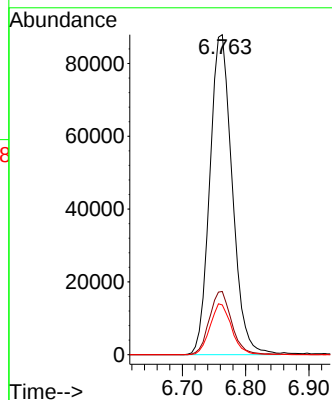
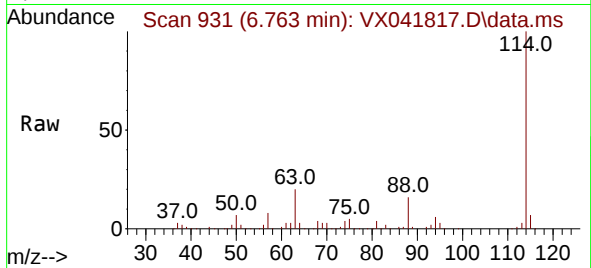
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX041817.D
Acq: 10 Jun 2024 17:51

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Tgt Ion:114 Resp: 216230
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.5 0.0 36.6

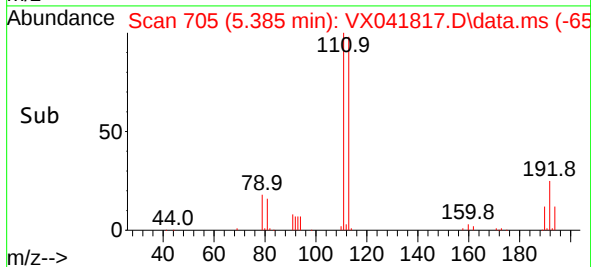
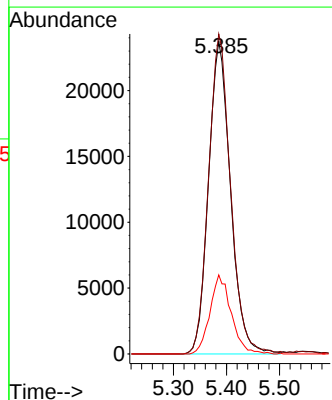
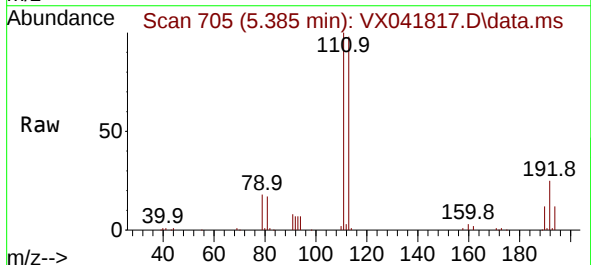
Manual Integrations
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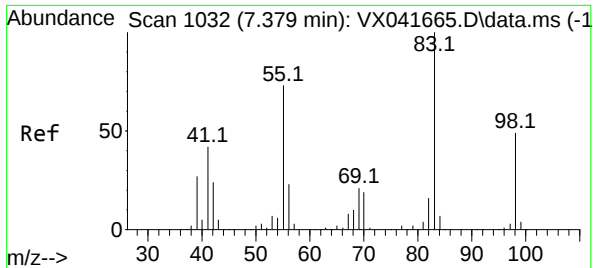
Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024



#35
Dibromofluoromethane
Concen: 45.747 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041817.D
Acq: 10 Jun 2024 17:51

Tgt Ion:113 Resp: 68392
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 24.4 13.3 19.9#





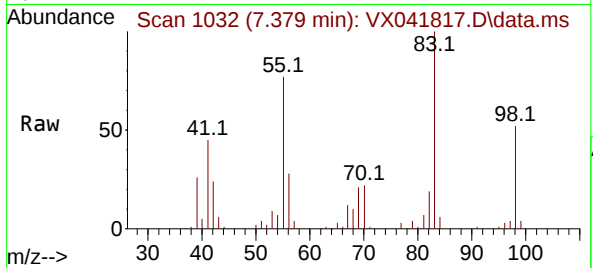
#39
Methylcyclohexane
Concen: 22.980 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041817.D
Acq: 10 Jun 2024 17:51

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

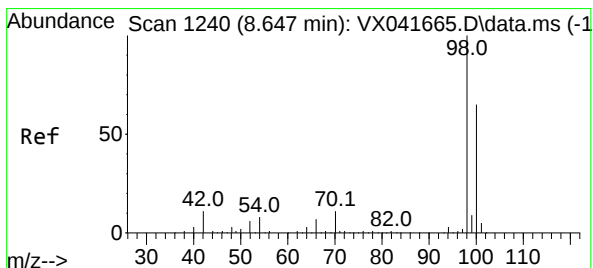
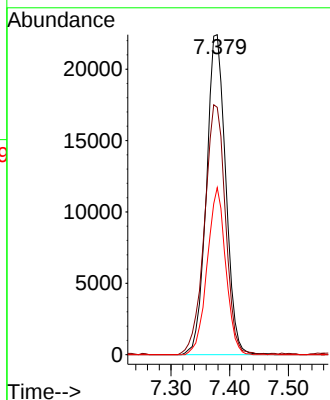
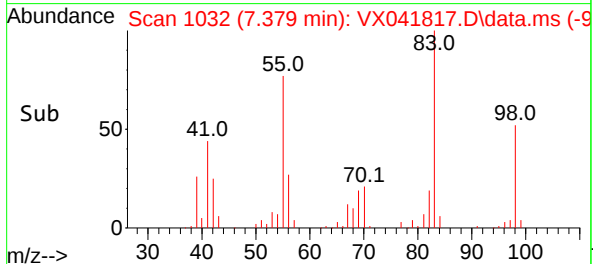


Tgt Ion: 83 Resp: 51100
Ion Ratio Lower Upper
83 100
55 77.3 64.6 97.0
98 52.2 36.7 55.1

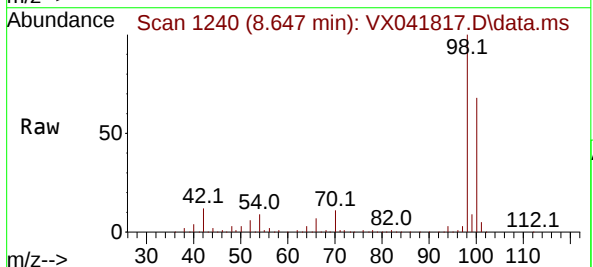
Manual Integrations

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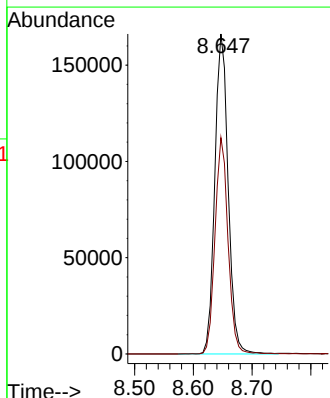
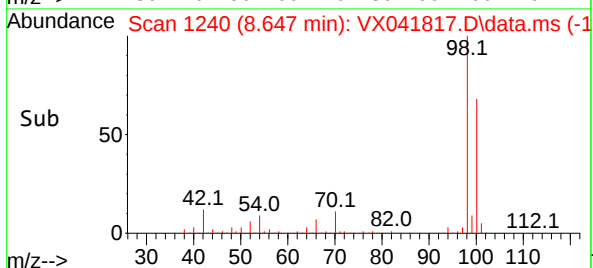
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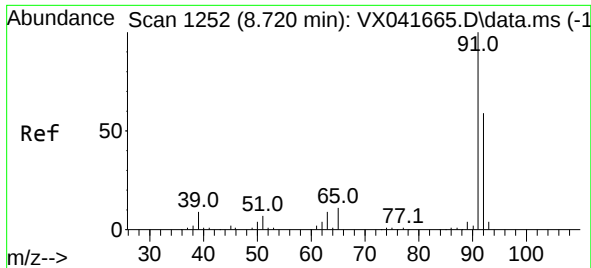


#50
Toluene-d8
Concen: 50.351 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041817.D
Acq: 10 Jun 2024 17:51



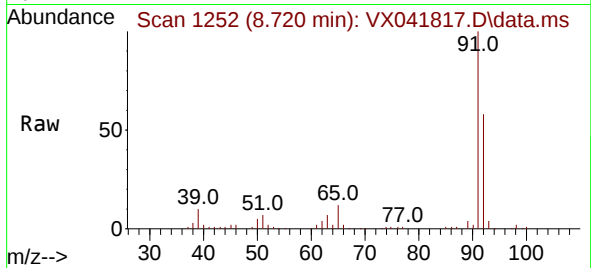
Tgt Ion: 98 Resp: 263018
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7





#52
Toluene
Concen: 6.026 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041817.D
Acq: 10 Jun 2024 17:51

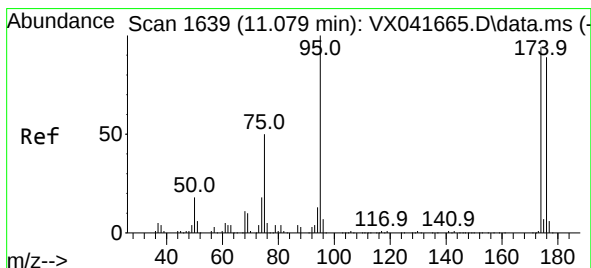
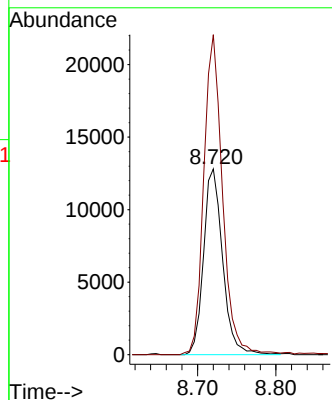
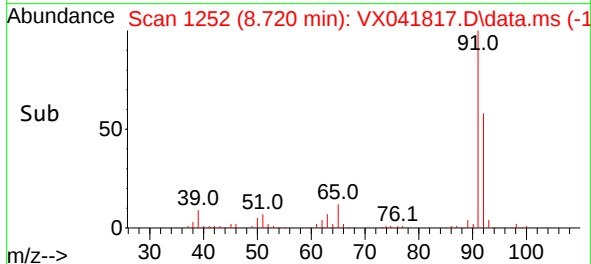
Instrument :
MSVOA_X
ClientSampleId :
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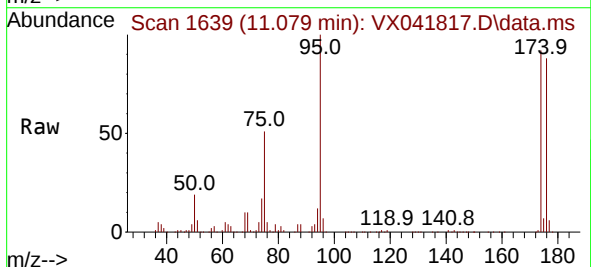
Tgt Ion: 92 Resp: 2163
Ion Ratio Lower Upper
92 100
91 169.4 134.2 201.2

Manual Integrations
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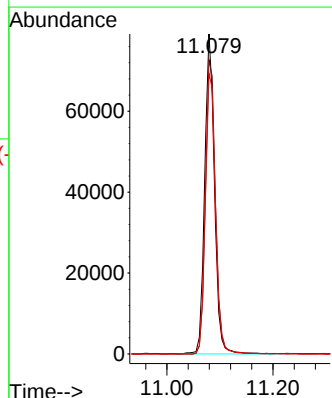
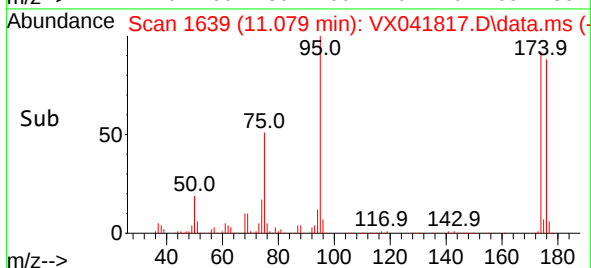
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Supervised By :Semsettin Yesilyurt 06/11/2024

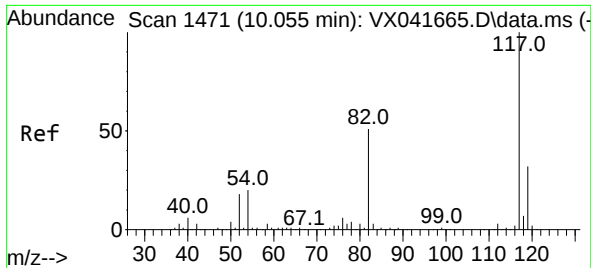


#62
4-Bromofluorobenzene
Concen: 52.484 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041817.D
Acq: 10 Jun 2024 17:51



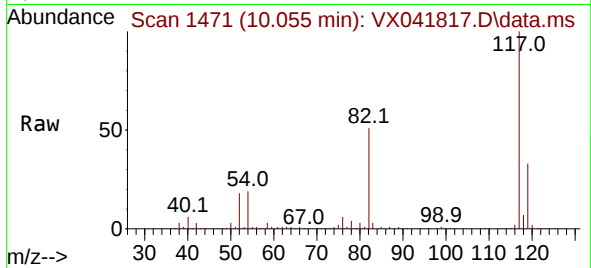
Tgt Ion: 95 Resp: 101188
Ion Ratio Lower Upper
95 100
174 94.3 0.0 135.6
176 90.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041817.D
Acq: 10 Jun 2024 17:51

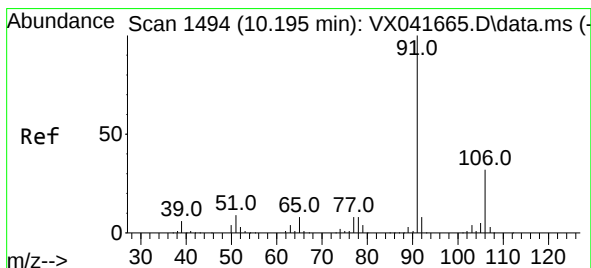
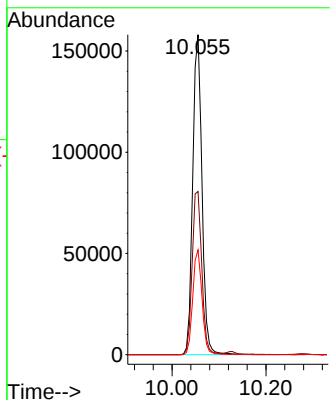
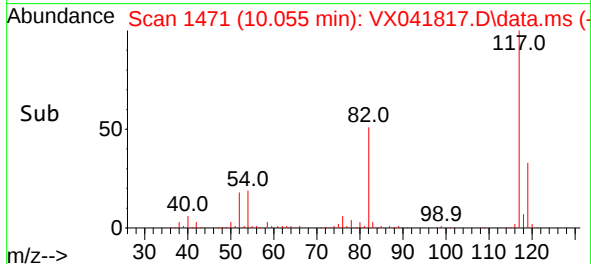
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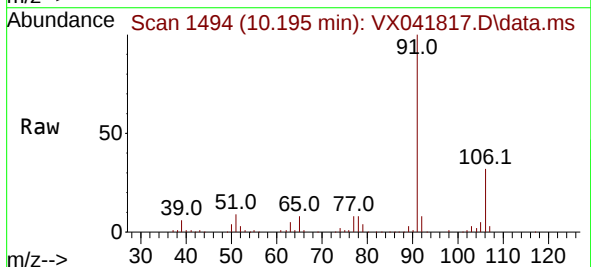
Tgt Ion:117 Resp: 21714
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 32.7 25.5 38.3

Manual Integrations
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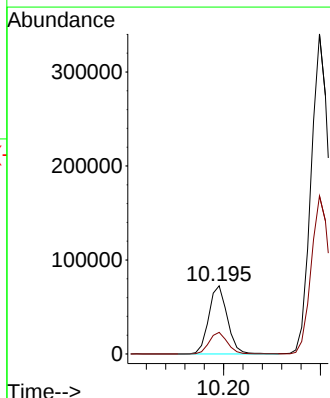
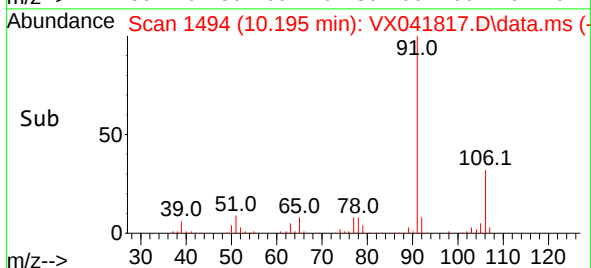
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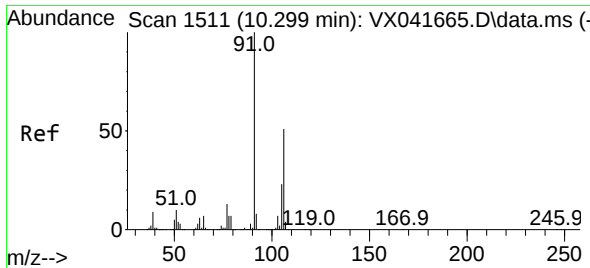


#67
Ethyl Benzene
Concen: 12.931 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041817.D
Acq: 10 Jun 2024 17:51



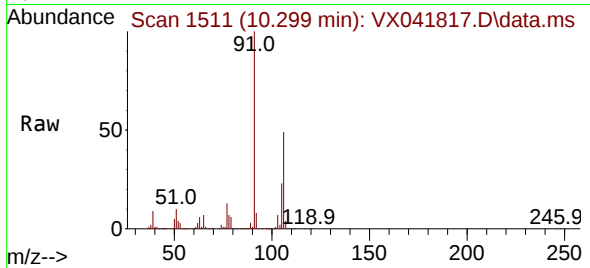
Tgt Ion: 91 Resp: 96034
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3





#68
m/p-Xylenes
Concen: 76.300 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041817.D
Acq: 10 Jun 2024 17:51

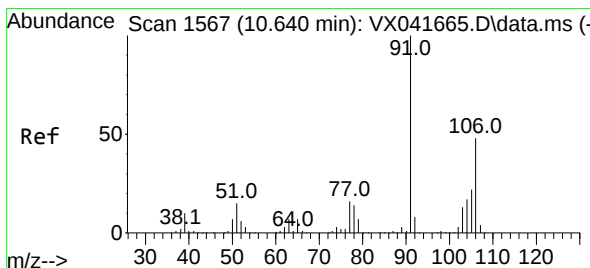
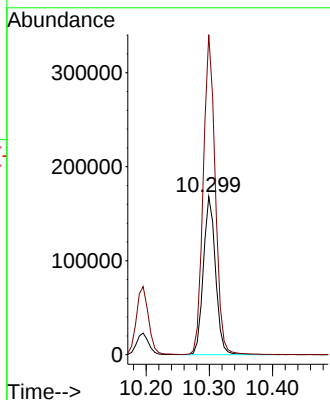
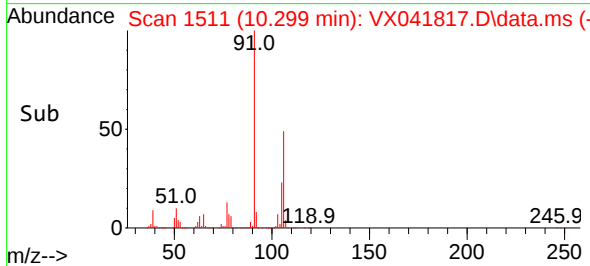
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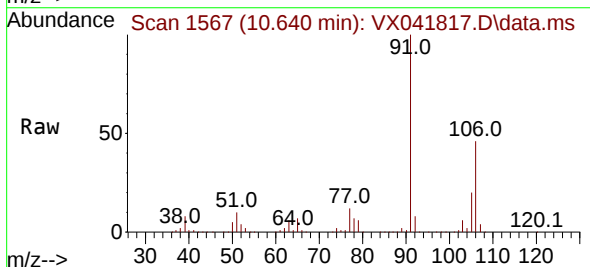
Tgt Ion:106 Resp: 225429
Ion Ratio Lower Upper
106 100
91 199.9 165.5 248.3

Manual Integrations
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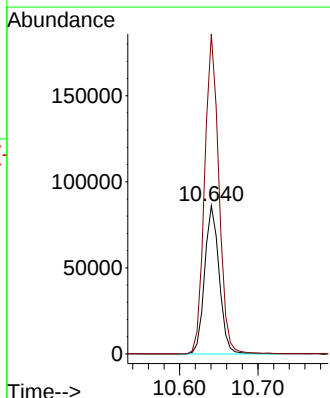
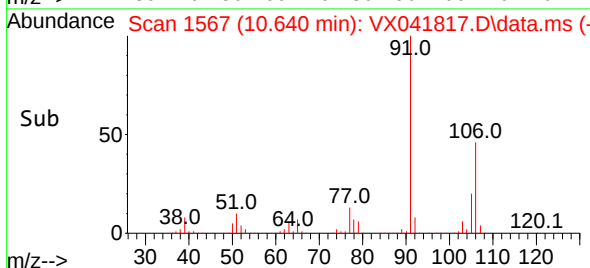
Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024

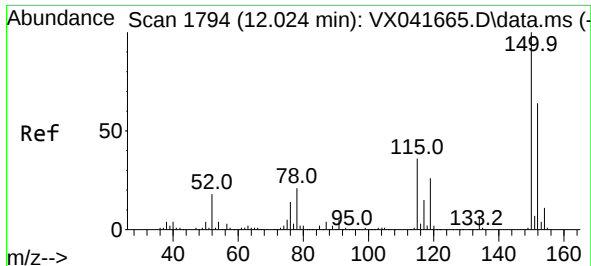


#69
o-Xylene
Concen: 37.707 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041817.D
Acq: 10 Jun 2024 17:51



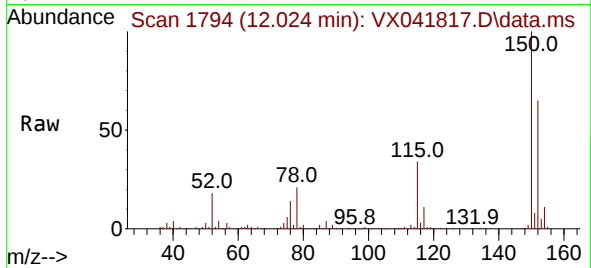
Tgt Ion:106 Resp: 110828
Ion Ratio Lower Upper
106 100
91 212.0 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11198
Delta R.T. 0.000 min
Lab File: VX041817.D
Acq: 10 Jun 2024 17:51

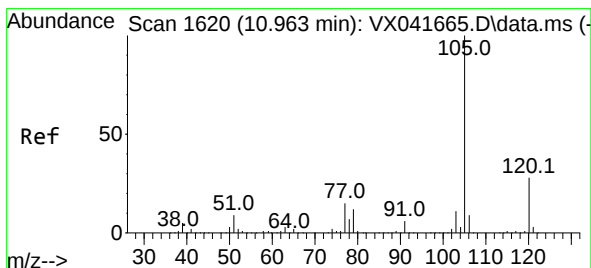
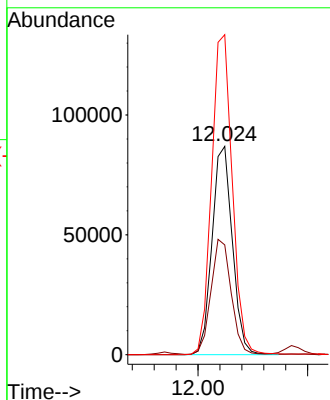
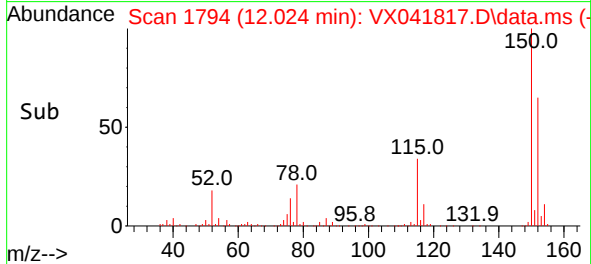
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL



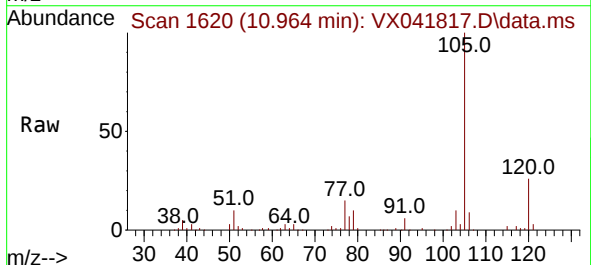
Tgt Ion:152 Resp: 11198
Ion Ratio Lower Upper
152 100
115 54.7 43.3 129.9
150 157.0 0.0 345.0

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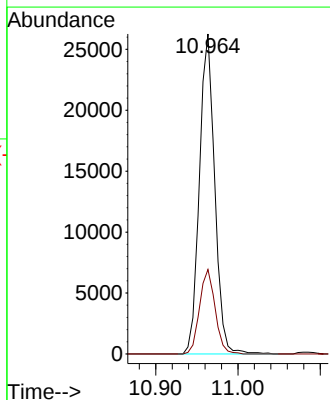
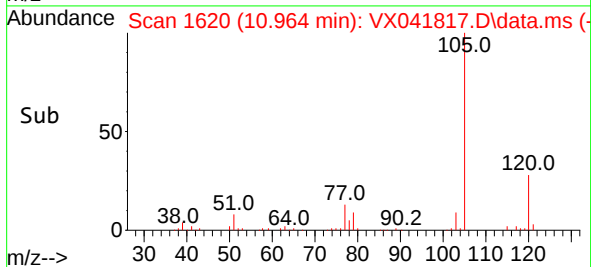
Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024

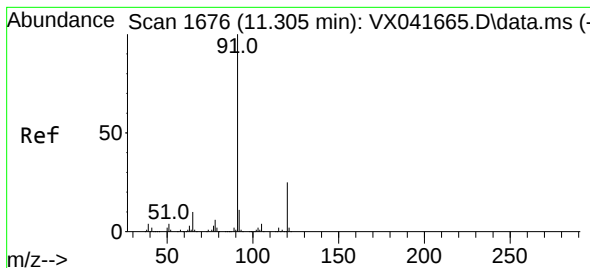


#73
Isopropylbenzene
Concen: 4.895 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041817.D
Acq: 10 Jun 2024 17:51



Tgt Ion:105 Resp: 34001
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6





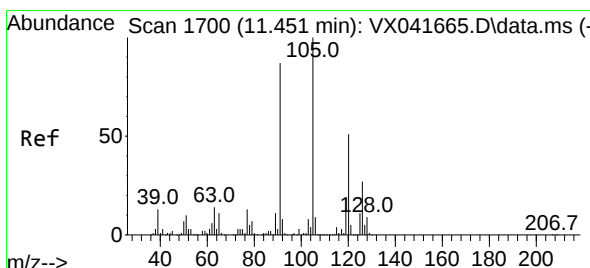
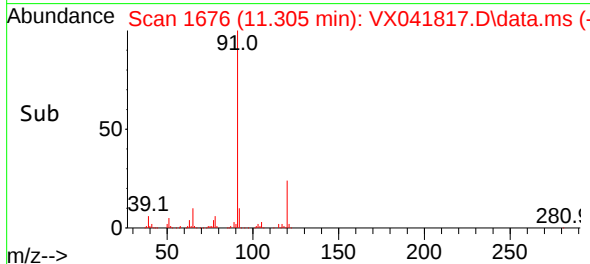
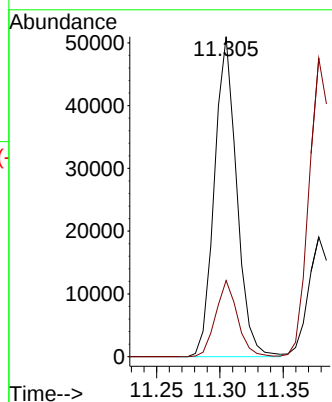
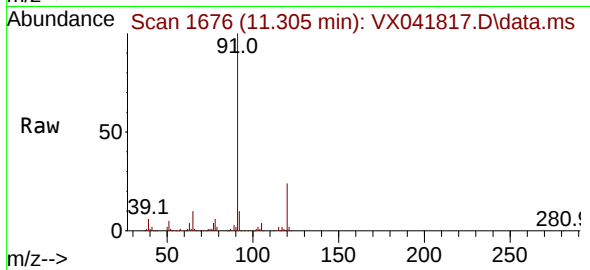
#78
n-propylbenzene
Concen: 8.177 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041817.D
Acq: 10 Jun 2024 17:51

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion: 91 Resp: 6236
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4

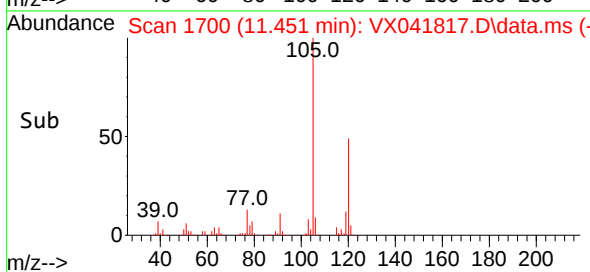
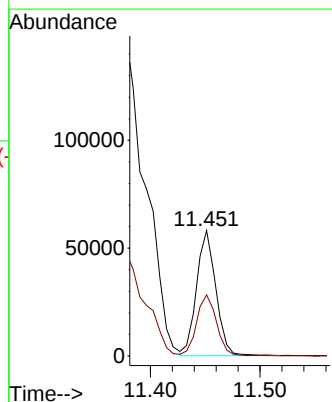
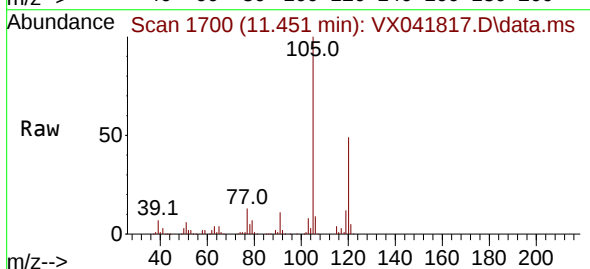
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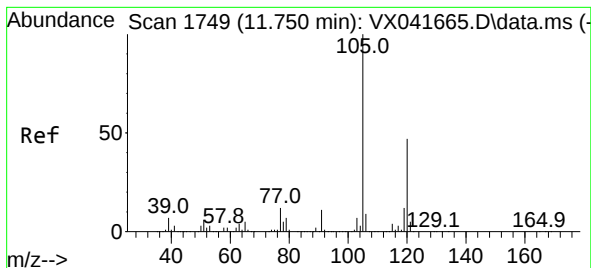
Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024



#80
1,3,5-Trimethylbenzene
Concen: 12.221 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041817.D
Acq: 10 Jun 2024 17:51

Tgt Ion:105 Resp: 70880
Ion Ratio Lower Upper
105 100
120 50.5 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 59.261 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041817.D

Acq: 10 Jun 2024 17:51

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

Tgt Ion:105 Resp: 34822

Ion Ratio Lower Upper

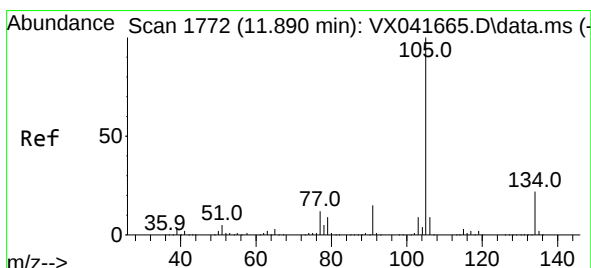
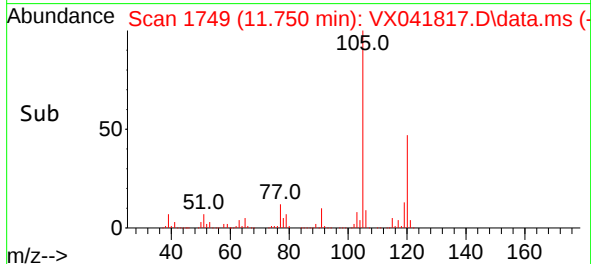
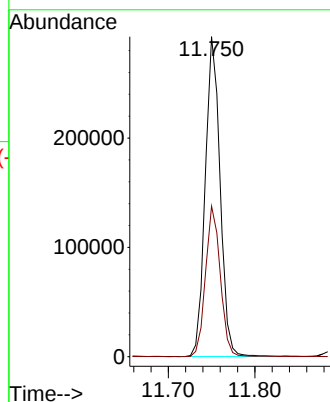
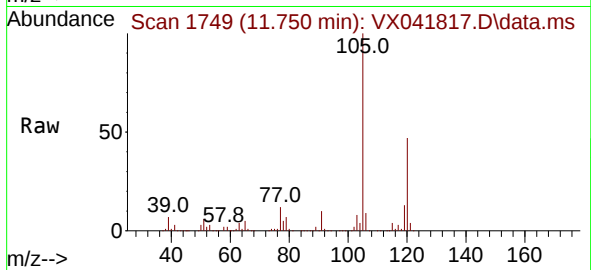
105 100

120 46.9 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024



#85

sec-Butylbenzene

Concen: 1.148 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041817.D

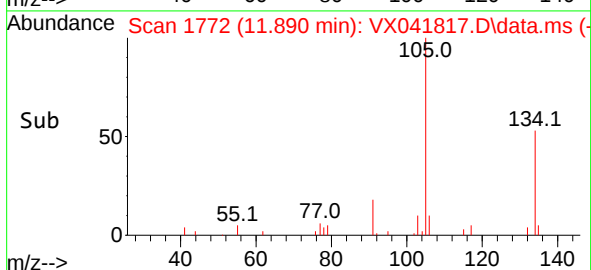
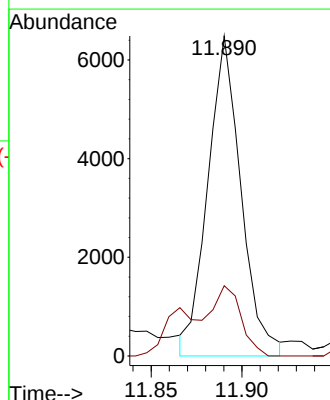
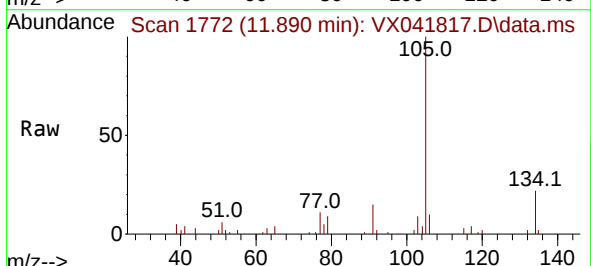
Acq: 10 Jun 2024 17:51

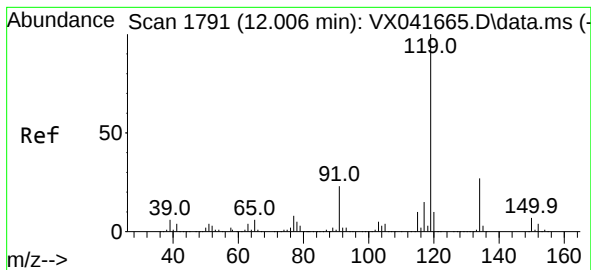
Tgt Ion:105 Resp: 8219

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#





#86

p-Isopropyltoluene

Concen: 0.879 ug/l

RT: 12.012 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VX041817.D

Acq: 10 Jun 2024 17:51

Instrument :

MSVOA_X

ClientSampleId :

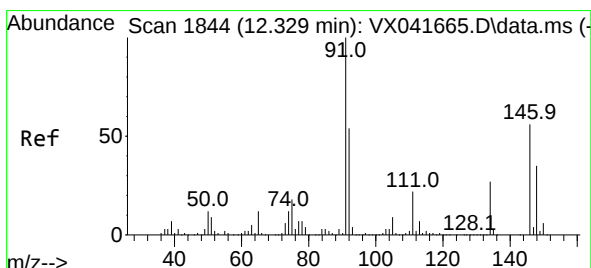
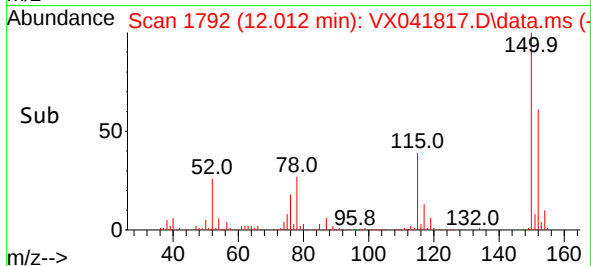
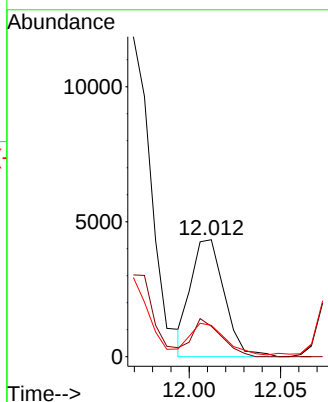
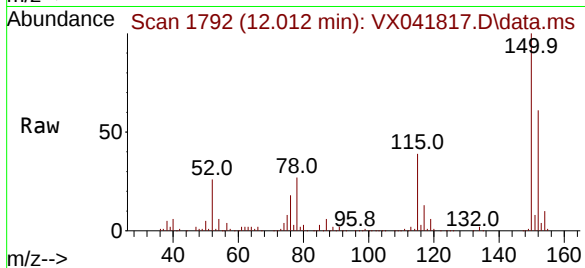
MW-3DL

Tgt Ion:	119	Resp:	5520
Ion Ratio	Lower	Upper	
119	100		
134	28.0	12.8	38.3
91	29.2	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024



#89

n-Butylbenzene

Concen: 2.598 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041817.D

Acq: 10 Jun 2024 17:51

Tgt Ion:	91	Resp:	12919
Ion Ratio	Lower	Upper	
91	100		
92	33.6	27.4	82.0
134	113.4	12.6	37.8#

