

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041749.D
 Acq On : 05 Jun 2024 14:52
 Operator : JC/MD
 Sample : P2717-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5B

Quant Time: Jun 06 02:15:35 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 06/06/2024
 Supervised By : Mahesh Dadoda 06/06/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	148070	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	226819	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85310	46.976	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.960%		
35) Dibromofluoromethane	5.385	113	73802	47.061	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.120%		
50) Toluene-d8	8.647	98	281130	51.305	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.620%		
62) 4-Bromofluorobenzene	11.079	95	132976	65.752	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	131.500%#		
Target Compounds						
						Qvalue
25) 2-Butanone	4.580	43	6624	5.869	ug/l	100
31) Cyclohexane	5.476	56	443986	207.078	ug/l	92
39) Methylcyclohexane	7.379	83	275505	118.097	ug/l	95
40) Benzene	6.037	78	45491	7.664	ug/l	98
52) Toluene	8.720	92	1074350	285.222	ug/l	99
67) Ethyl Benzene	10.195	91	4446014	532.179	ug/l	91
68) m/p-Xylenes	10.305	106	3261807	981.425	ug/l	84
69) o-Xylene	10.640	106	1120779	338.984	ug/l	92
73) Isopropylbenzene	10.963	105	404433	42.004	ug/l	97
78) n-propylbenzene	11.305	91	1895591	179.289	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	245661	30.558	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	5878993	721.779	ug/l	84
85) sec-Butylbenzene	11.890	105	153489m	15.460	ug/l	
86) p-Isopropyltoluene	12.012	119	72716	8.351	ug/l #	72
89) n-Butylbenzene	12.329	91	69823m	10.130	ug/l	

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

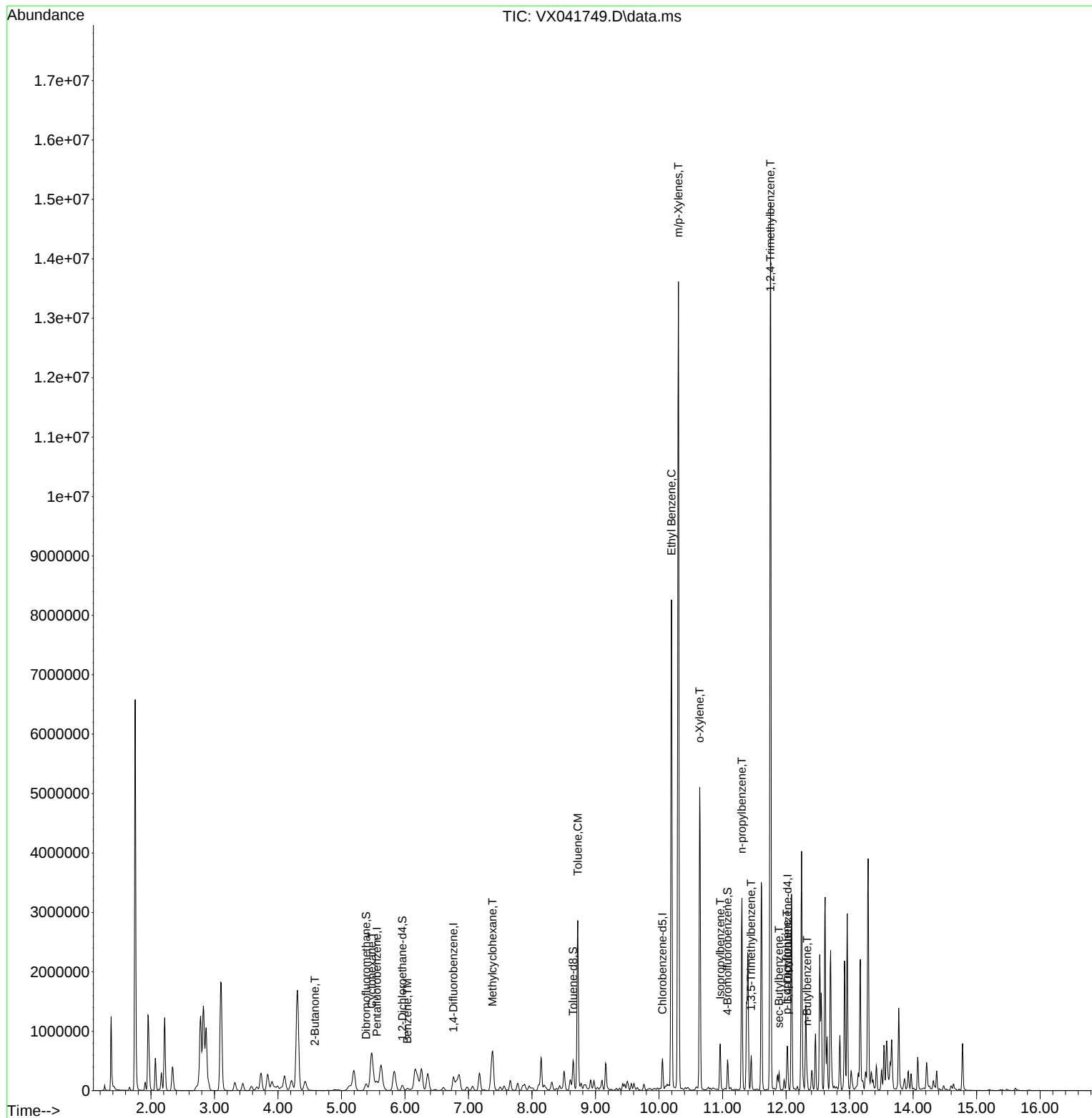
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
Data File : VX041749.D
Acq On : 05 Jun 2024 14:52
Operator : JC/MD
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MW-5B

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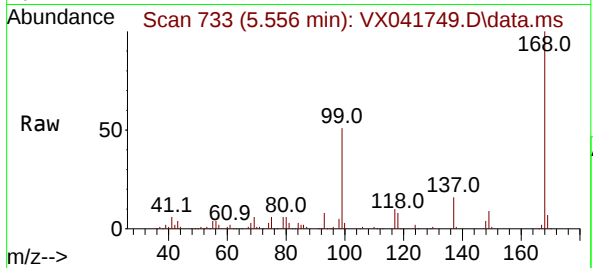
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041749.D
Acq: 05 Jun 2024 14:52

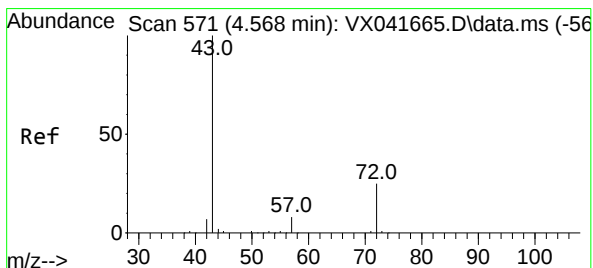
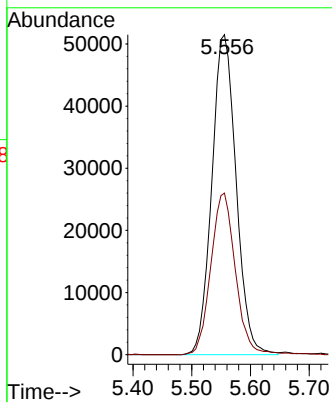
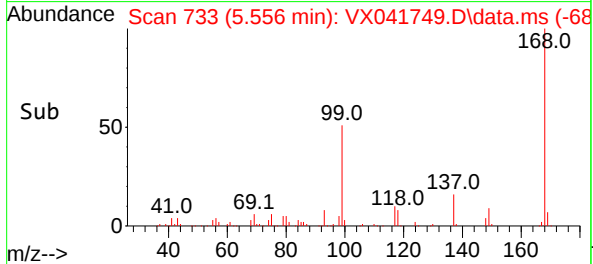
Instrument :
MSVOA_X
ClientSampleId :
MW-5B



Tgt Ion:168 Resp: 148070
Ion Ratio Lower Upper
168 100
99 50.5 56.6 85.0

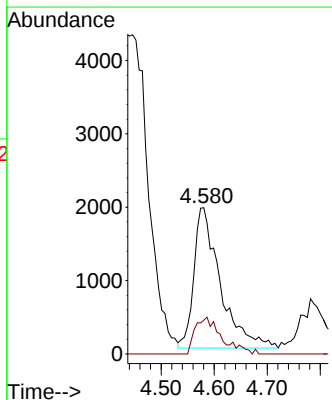
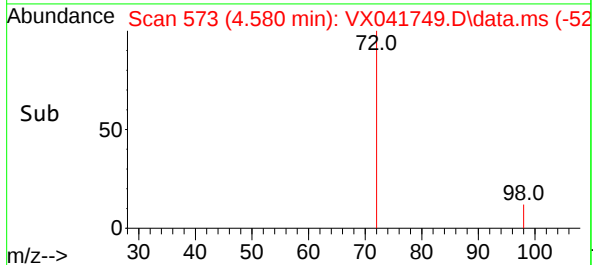
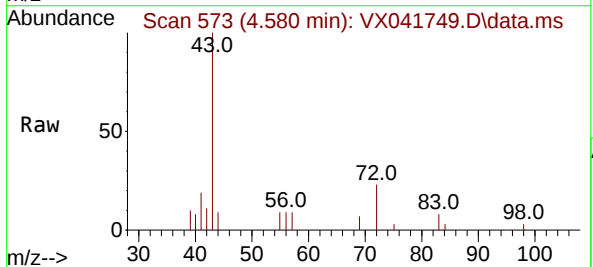
Manual Integrations
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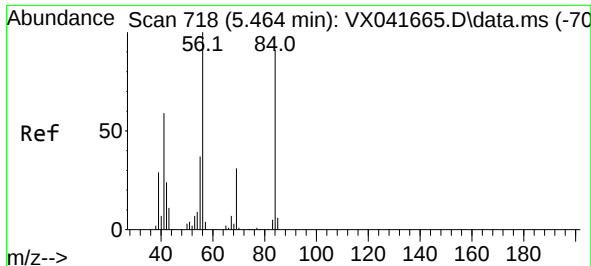
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#25
2-Butanone
Concen: 5.869 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX041749.D
Acq: 05 Jun 2024 14:52

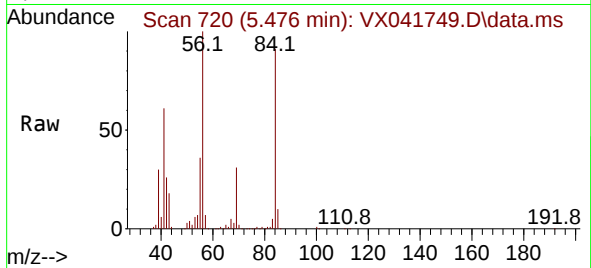
Tgt Ion: 43 Resp: 6624
Ion Ratio Lower Upper
43 100
72 24.1 19.4 29.2





#31
Cyclohexane
Concen: 207.078 ug/l
RT: 5.476 min Scan# 718
Delta R.T. 0.012 min
Lab File: VX041749.D
Acq: 05 Jun 2024 14:52

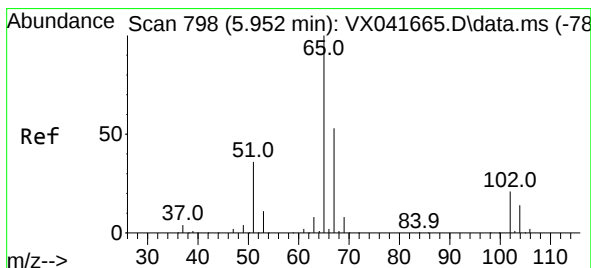
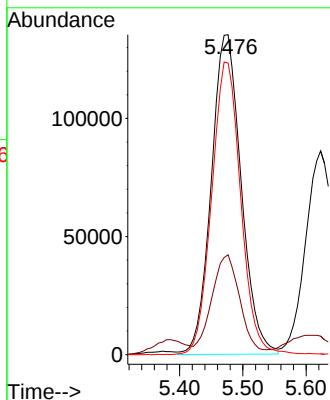
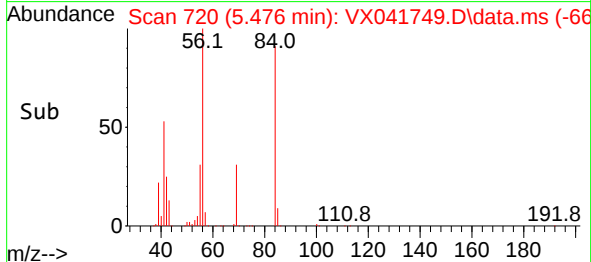
Instrument :
MSVOA_X
ClientSampleId :
MW-5B



Tgt Ion: 56 Resp: 443980
Ion Ratio Lower Upper
56 100
69 29.2 23.4 35.2
84 91.7 65.9 98.9

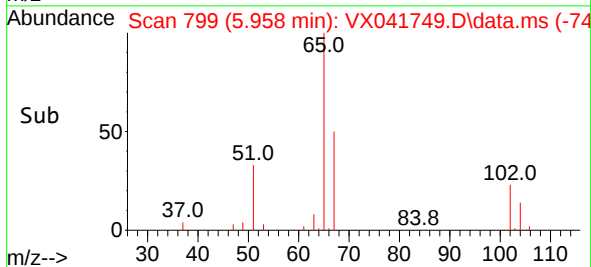
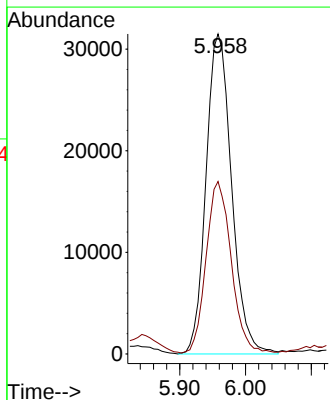
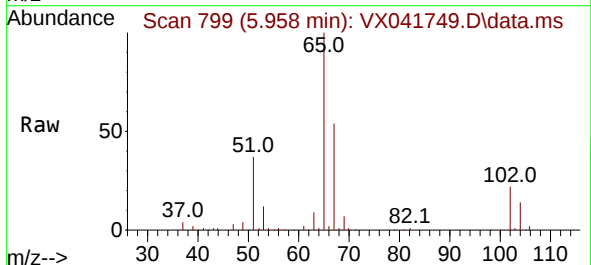
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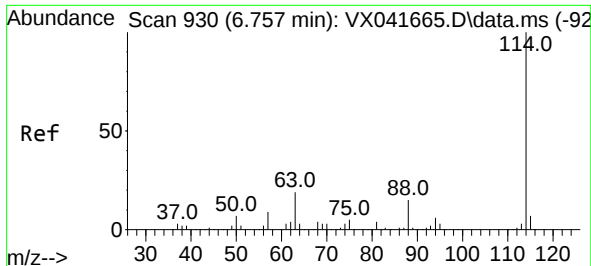
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#33
1,2-Dichloroethane-d4
Concen: 46.976 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041749.D
Acq: 05 Jun 2024 14:52

Tgt Ion: 65 Resp: 85310
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2





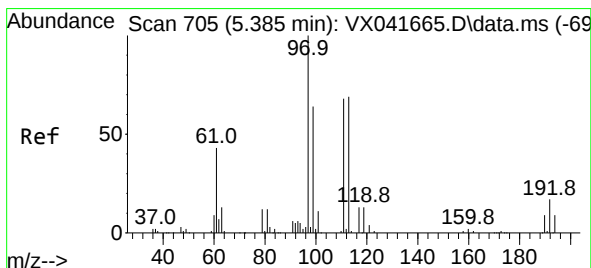
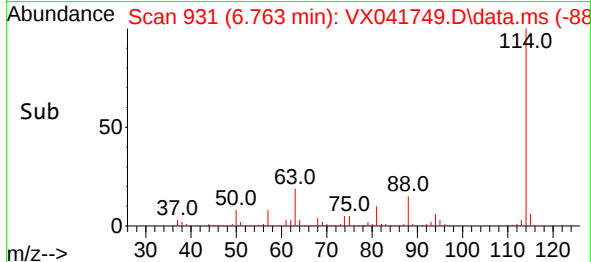
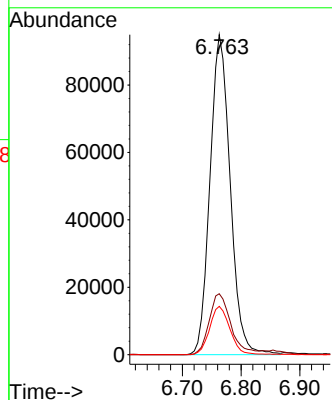
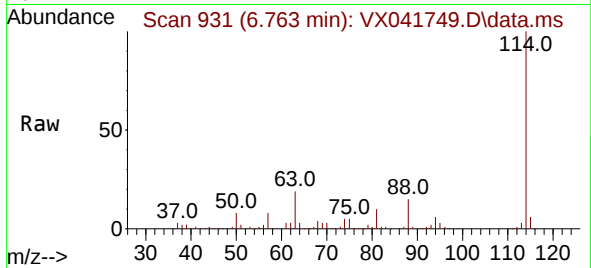
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX041749.D
Acq: 05 Jun 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

Tgt Ion:114 Resp: 226819
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 15.1 0.0 36.6

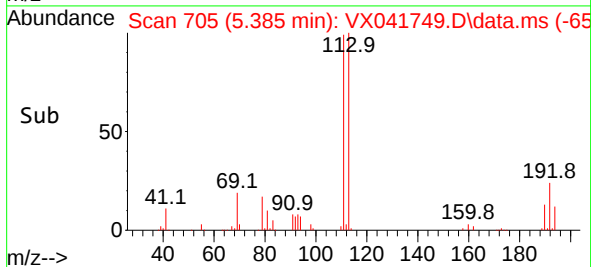
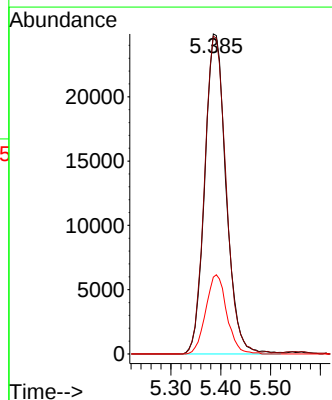
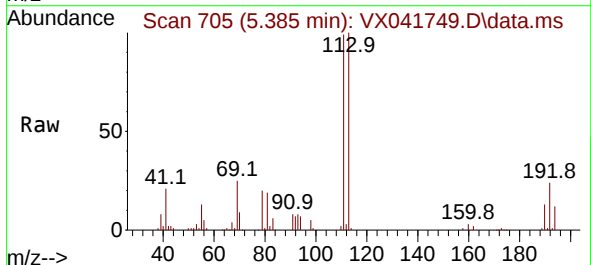
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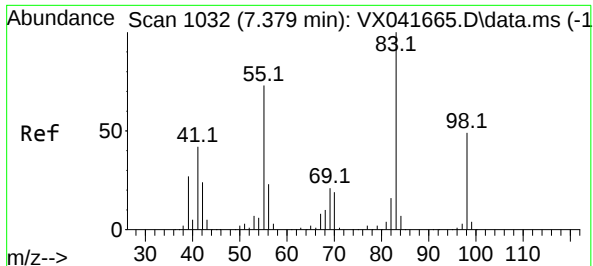
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#35
Dibromofluoromethane
Concen: 47.061 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041749.D
Acq: 05 Jun 2024 14:52

Tgt Ion:113 Resp: 73802
Ion Ratio Lower Upper
113 100
111 100.3 82.9 124.3
192 24.4 13.3 19.9#





#39

Methylcyclohexane

Concen: 118.097 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX041749.D

Acq: 05 Jun 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

Tgt Ion: 83 Resp: 27550

Ion Ratio Lower Upper

83 100

55 86.4 64.6 97.0

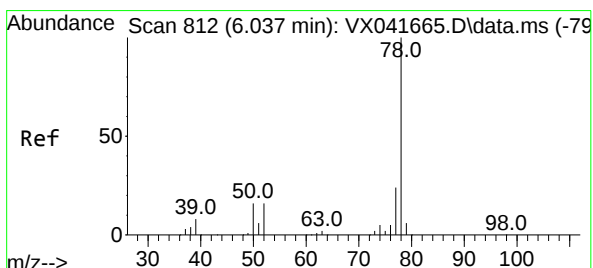
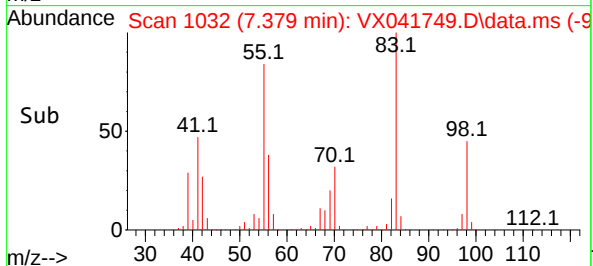
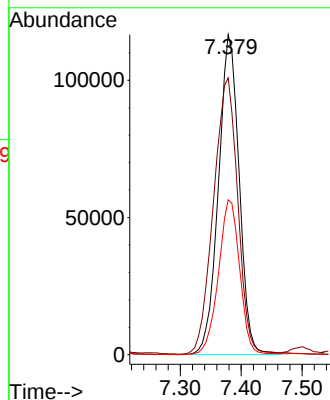
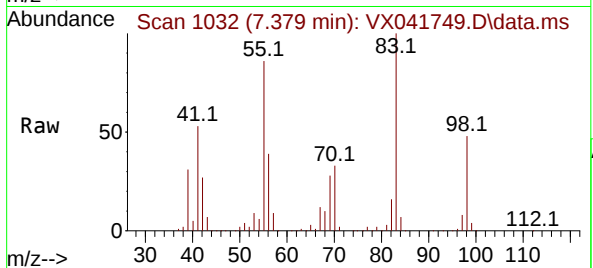
98 48.5 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#40

Benzene

Concen: 7.664 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX041749.D

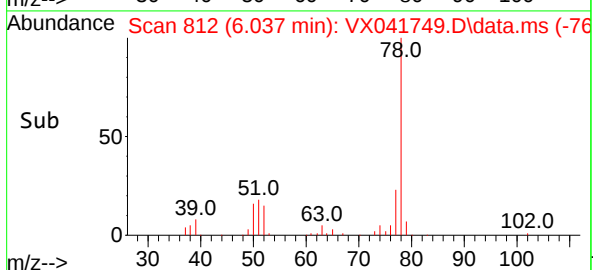
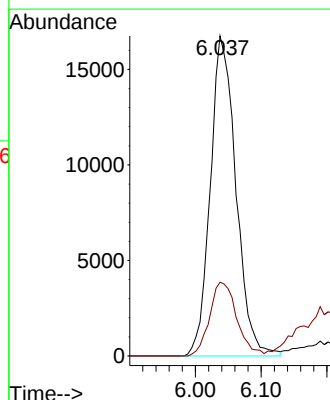
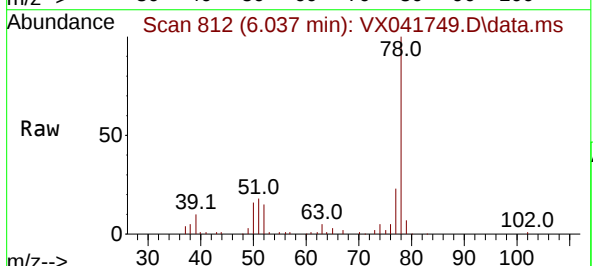
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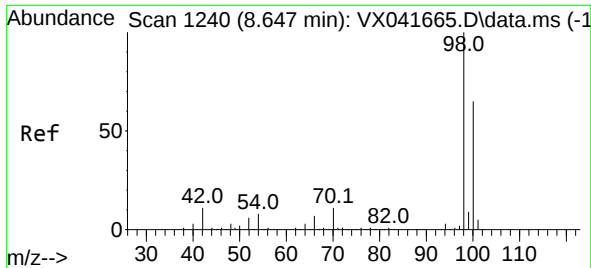
Tgt Ion: 78 Resp: 45491

Ion Ratio Lower Upper

78 100

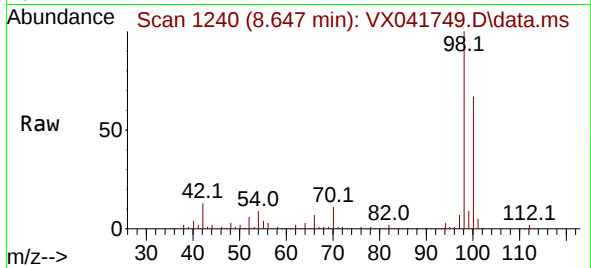
77 23.0 19.3 28.9





#50
Toluene-d8
Concen: 51.305 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041749.D
Acq: 05 Jun 2024 14:52

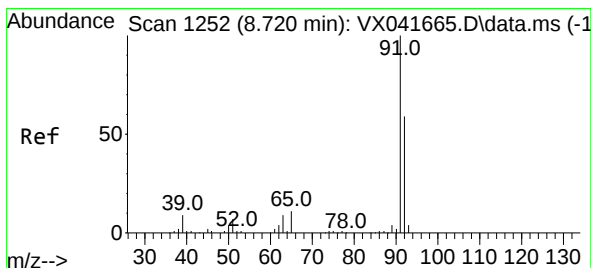
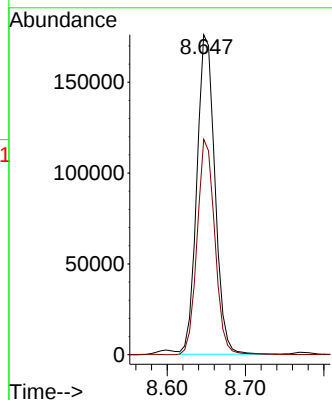
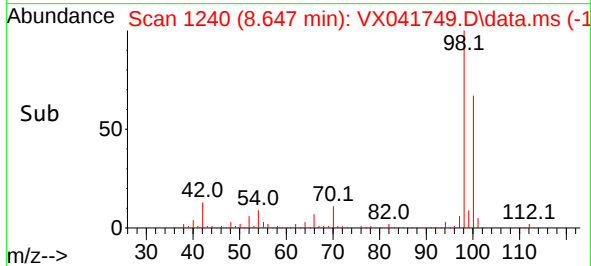
Instrument :
MSVOA_X
ClientSampleId :
MW-5B



Tgt Ion: 98 Resp: 281130
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

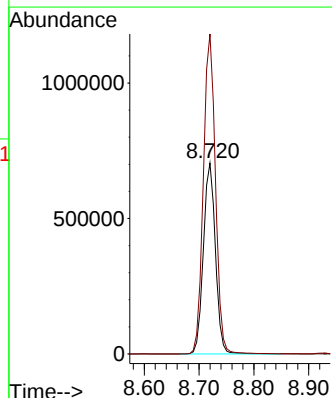
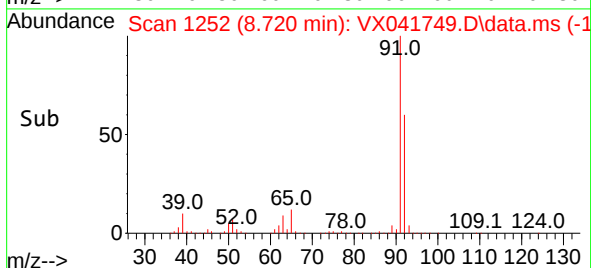
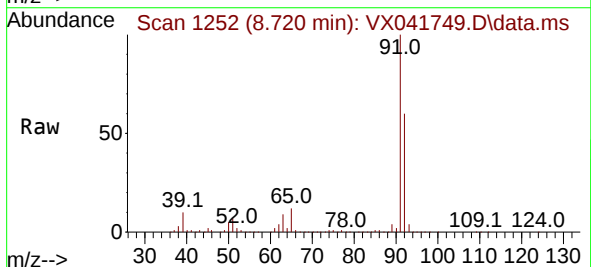
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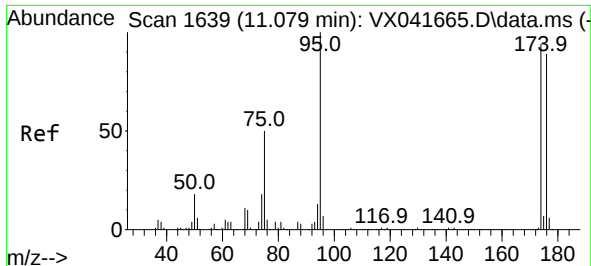
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#52
Toluene
Concen: 285.222 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041749.D
Acq: 05 Jun 2024 14:52

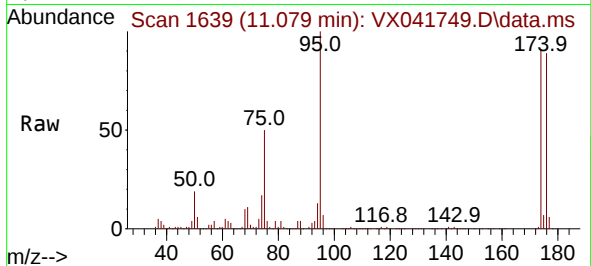
Tgt Ion: 92 Resp: 1074350
Ion Ratio Lower Upper
92 100
91 168.5 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 65.752 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041749.D
Acq: 05 Jun 2024 14:52

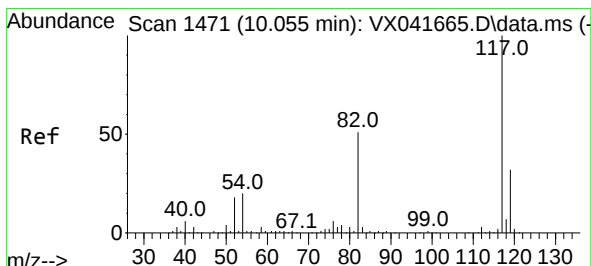
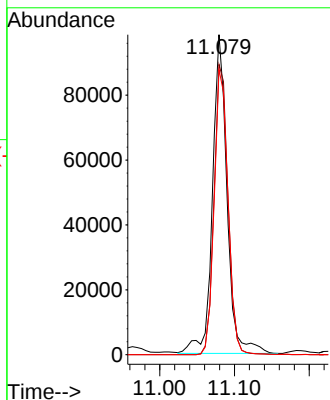
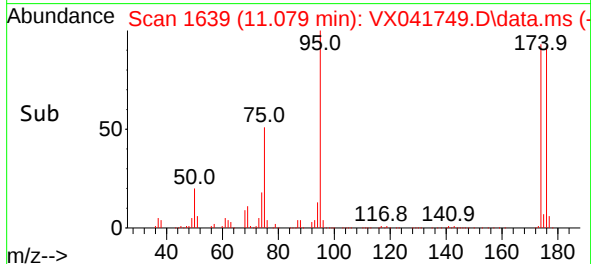
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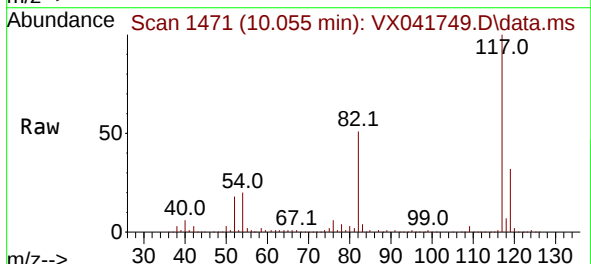
Tgt Ion: 95 Resp: 132970
Ion Ratio Lower Upper
95 100
174 87.3 0.0 135.6
176 84.9 0.0 131.0

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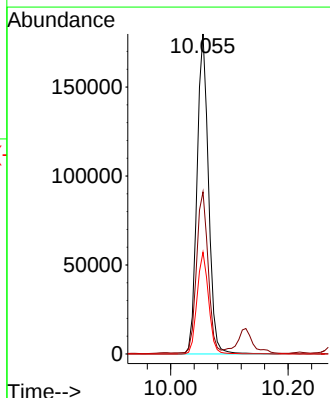
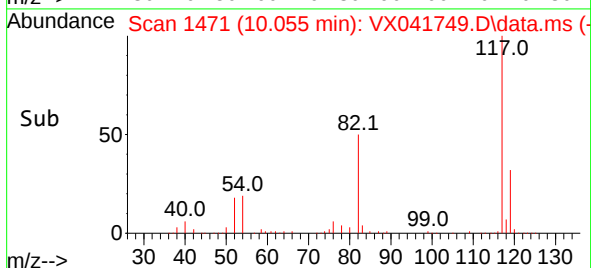
Reviewed By :John Carlone 06/06/2024
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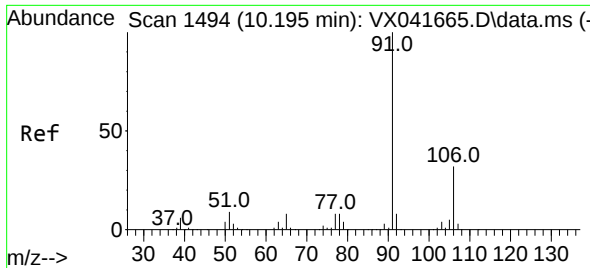


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041749.D
Acq: 05 Jun 2024 14:52



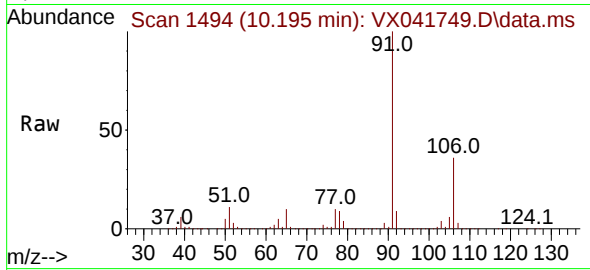
Tgt Ion:117 Resp: 244265
Ion Ratio Lower Upper
117 100
82 50.4 46.2 69.4
119 31.8 25.5 38.3





#67
Ethyl Benzene
Concen: 532.179 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041749.D
Acq: 05 Jun 2024 14:52

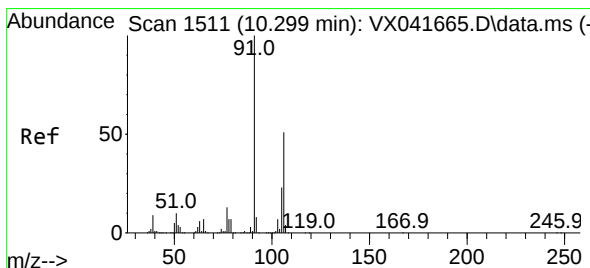
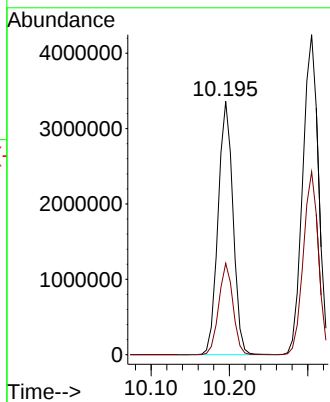
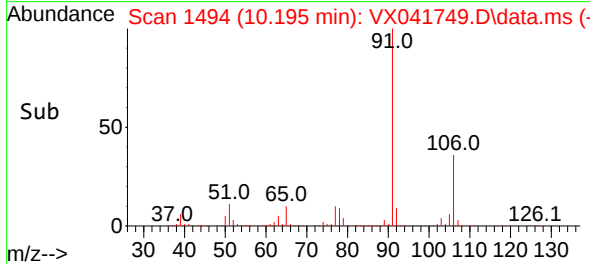
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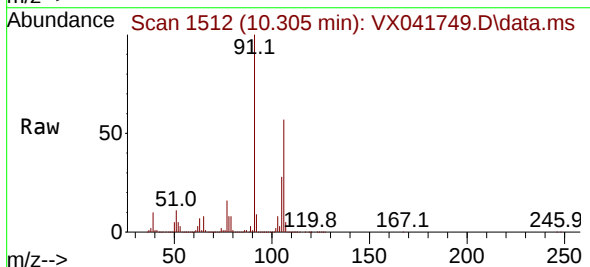
Tgt Ion: 91 Resp: 4446014
Ion Ratio Lower Upper
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106 36.1 24.9 37.3

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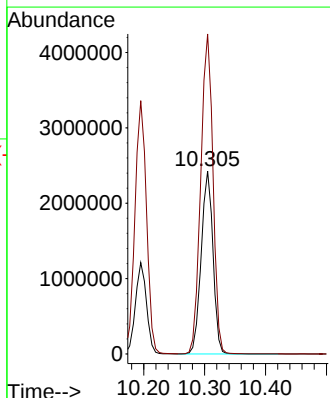
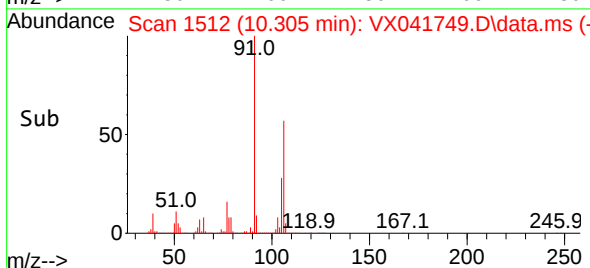
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

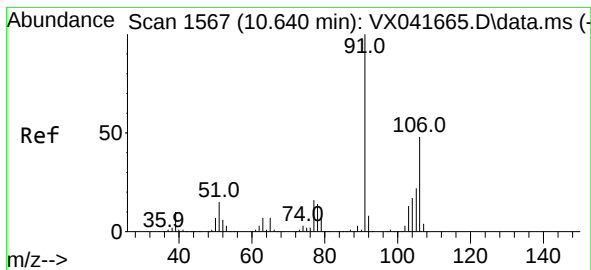


#68
m/p-Xylenes
Concen: 981.425 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041749.D
Acq: 05 Jun 2024 14:52



Tgt Ion:106 Resp: 3261807
Ion Ratio Lower Upper
106 100
91 181.7 165.5 248.3





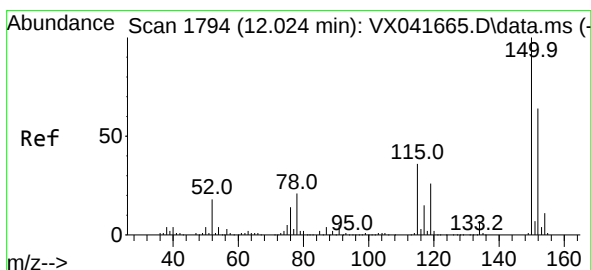
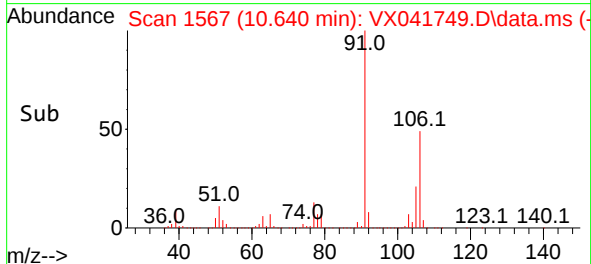
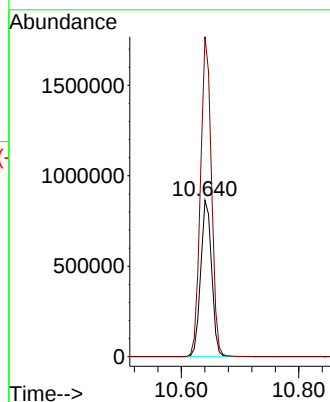
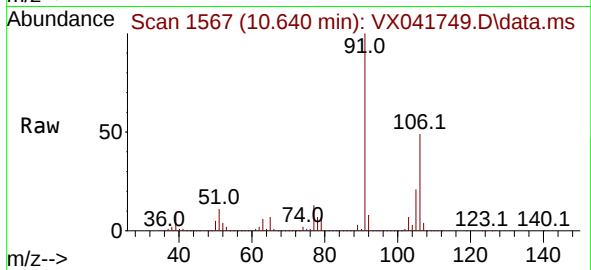
#69
o-Xylene
Concen: 338.984 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041749.D
Acq: 05 Jun 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

Tgt Ion:106 Resp: 1120779
Ion Ratio Lower Upper
106 100
91 204.5 108.9 326.8

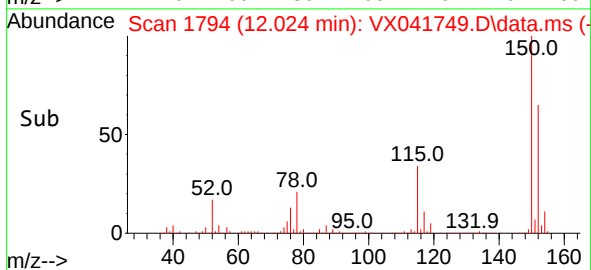
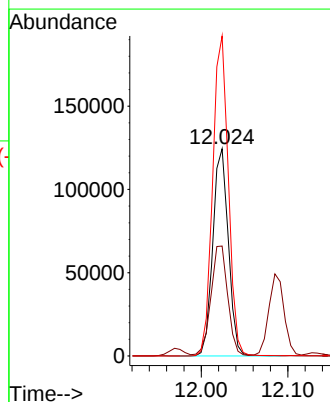
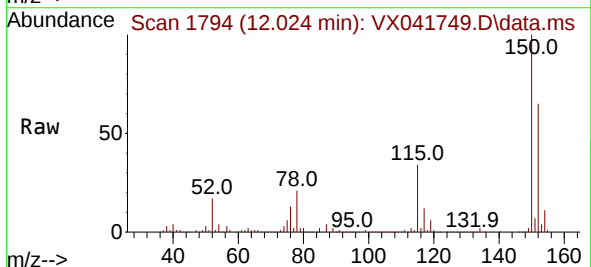
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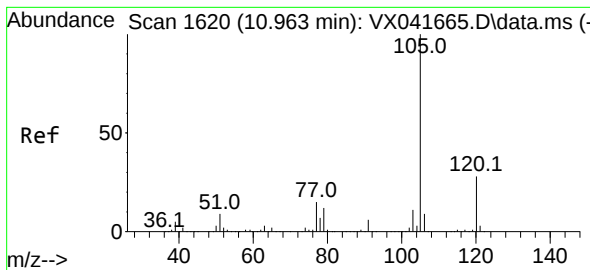
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041749.D
Acq: 05 Jun 2024 14:52

Tgt Ion:152 Resp: 155223
Ion Ratio Lower Upper
152 100
115 56.8 43.3 129.9
150 155.6 0.0 345.0





#73

Isopropylbenzene

Concen: 42.004 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX041749.D

Acq: 05 Jun 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

Tgt Ion:105 Resp: 40443

Ion Ratio Lower Upper

105 100

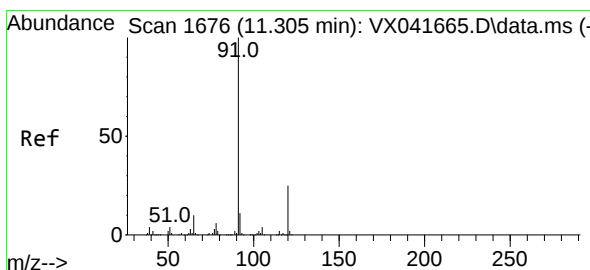
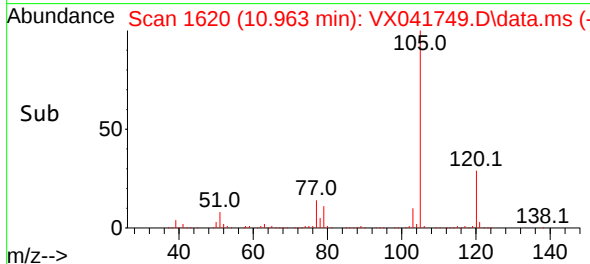
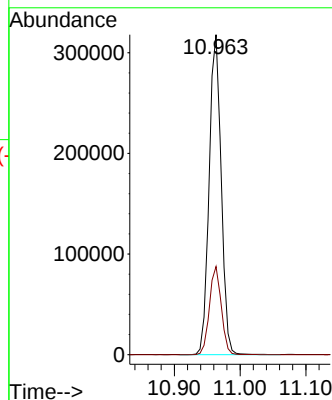
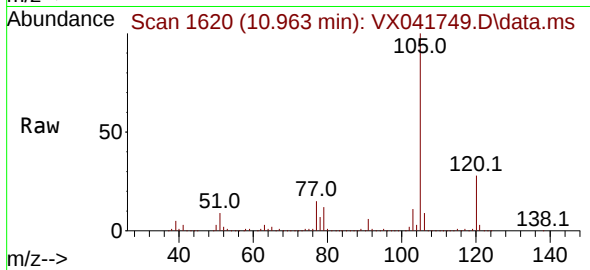
120 27.1 12.9 38.6

Manual Integrations

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Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#78

n-propylbenzene

Concen: 179.289 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX041749.D

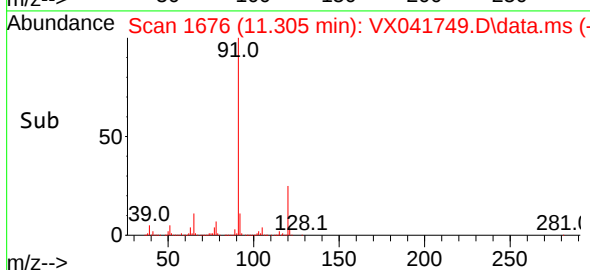
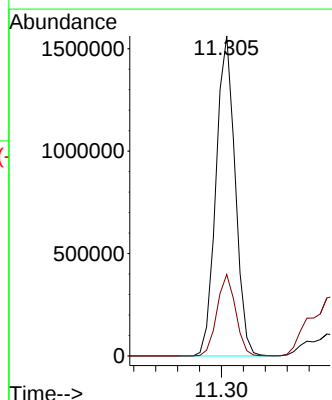
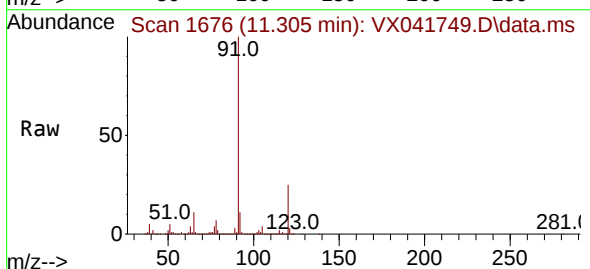
Acq: 05 Jun 2024 14:52

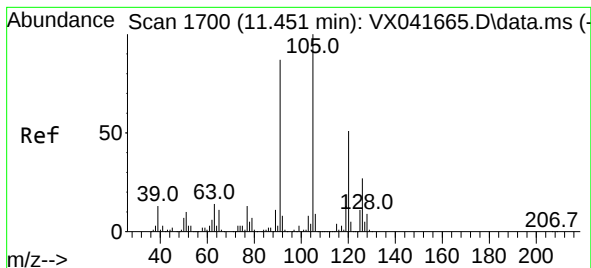
Tgt Ion: 91 Resp: 1895591

Ion Ratio Lower Upper

91 100

120 24.8 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 30.558 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041749.D

Acq: 05 Jun 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

Tgt Ion:105 Resp: 24566

Ion Ratio Lower Upper

105 100

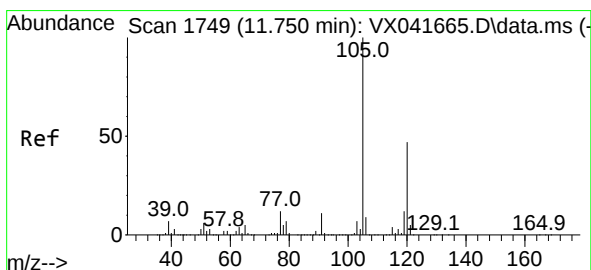
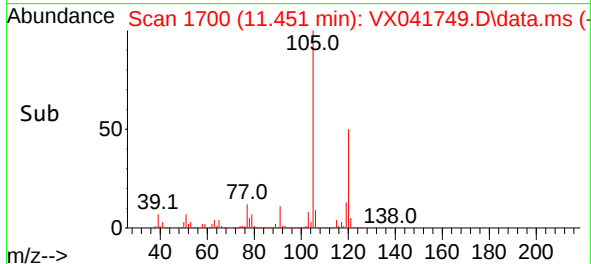
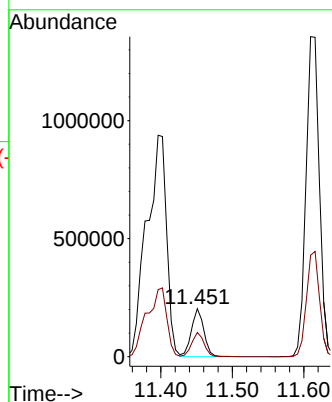
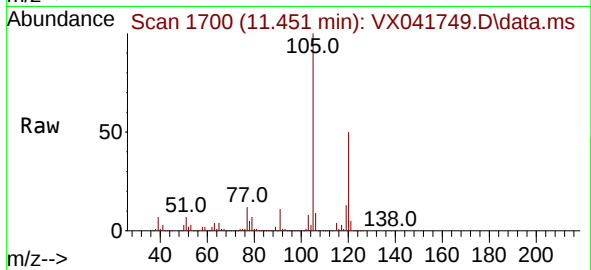
120 49.9 24.1 72.3

Manual Integrations

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Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#84

1,2,4-Trimethylbenzene

Concen: 721.779 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX041749.D

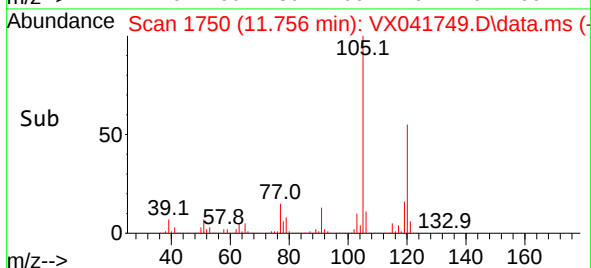
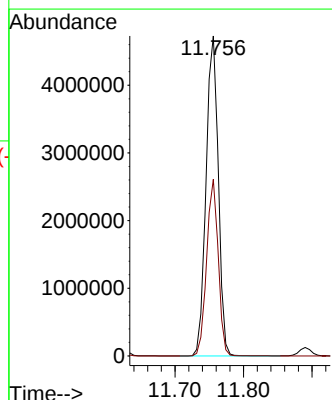
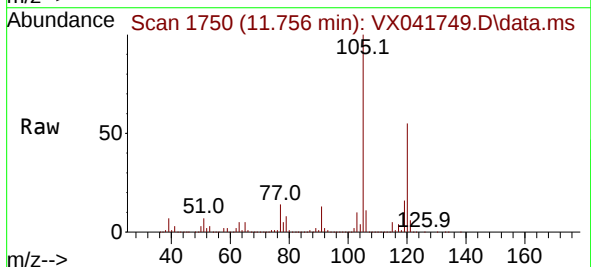
Acq: 05 Jun 2024 14:52

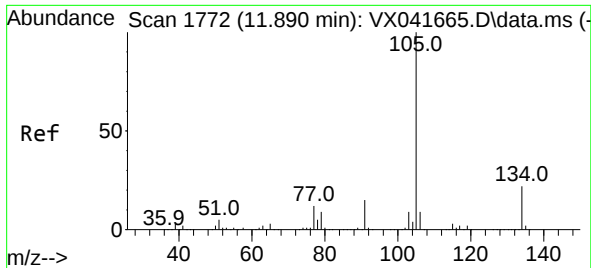
Tgt Ion:105 Resp: 5878993

Ion Ratio Lower Upper

105 100

120 52.3 21.2 63.6





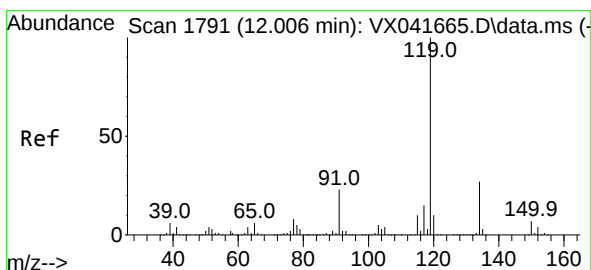
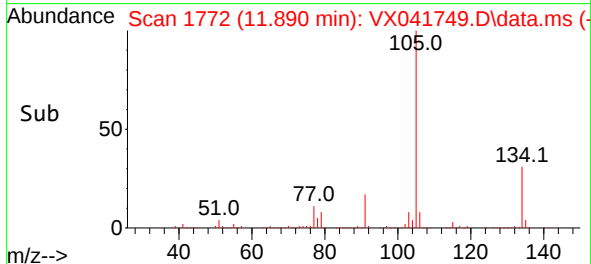
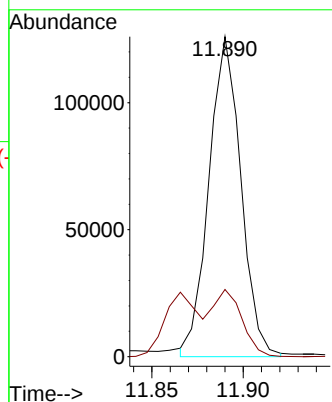
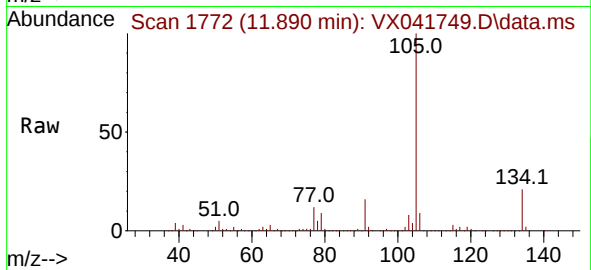
#85
 sec-Butylbenzene
 Concen: 15.460 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX041749.D
 Acq: 05 Jun 2024 14:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5B

Tgt Ion:105 Resp: 153489
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4

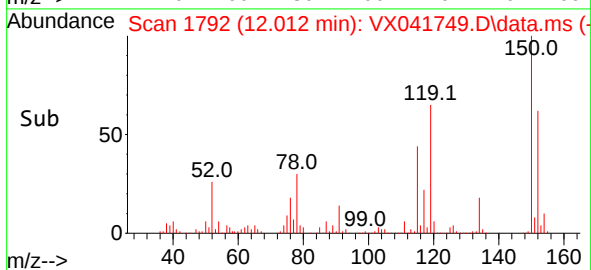
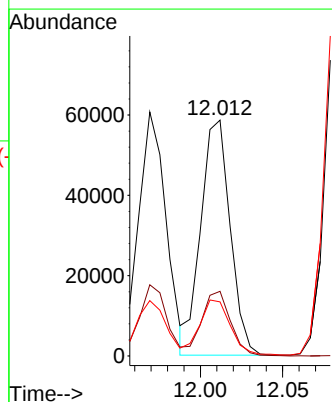
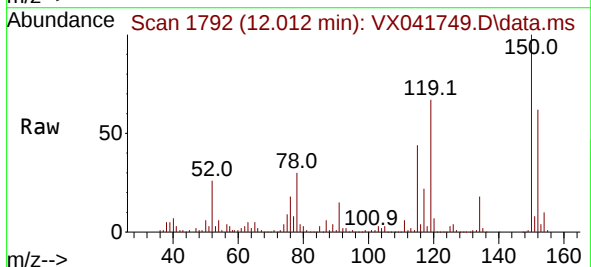
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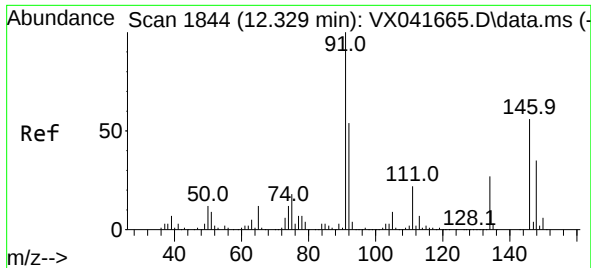
Reviewed By :John Carbone 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024



#86
 p-Isopropyltoluene
 Concen: 8.351 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX041749.D
 Acq: 05 Jun 2024 14:52

Tgt Ion:119 Resp: 72716
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.8 38.3
 91 0.0 13.1 39.3





#89

n-Butylbenzene

Concen: 10.130 ug/l m

RT: 12.329 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041749.D

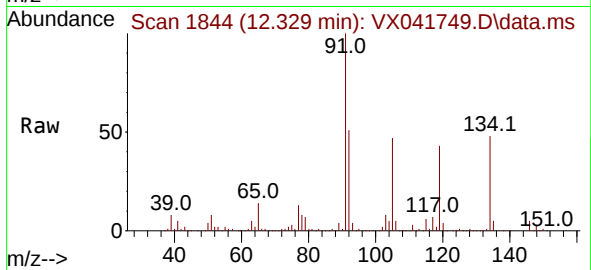
Acq: 05 Jun 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

MW-5B



Tgt Ion: 91 Resp: 6982

Ion Ratio Lower Upper

91 100

92 83.1 27.4 82.0

134 298.4 12.6 37.8

Manual Integrations

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Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024

