

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036254.D
 Acq On : 20 Jun 2023 19:35
 Operator : JC/MD
 Sample : 03339-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 21 09:04:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	141331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	265701	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	124275	48.117	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.240%		
35) Dibromofluoromethane	5.385	113	85196	47.285	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.560%		
50) Toluene-d8	8.647	98	320081	48.566	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.140%		
62) 4-Bromofluorobenzene	11.079	95	115207	43.304	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.600%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	4412m	4.112	ug/l	
29) Tetrahydrofuran	5.013	42	8133	8.524	ug/l	93
31) Cyclohexane	5.477	56	4537	1.637	ug/l	92
39) Methylcyclohexane	7.361	83	2534	0.886	ug/l #	1
52) Toluene	8.720	92	2624	0.562	ug/l	100
67) Ethyl Benzene	10.195	91	3011	0.344	ug/l	99
68) m/p-Xylenes	10.299	106	3112	0.941	ug/l	100
69) o-Xylene	10.647	106	857	0.263	ug/l	83
73) Isopropylbenzene	10.964	105	7506	0.964	ug/l	96
78) n-propylbenzene	11.305	91	1947	0.213	ug/l	98
83) tert-Butylbenzene	11.713	119	2056	0.326	ug/l	81
84) 1,2,4-Trimethylbenzene	11.750	105	2790	0.422	ug/l	86
85) sec-Butylbenzene	11.890	105	8190	1.044	ug/l #	57

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

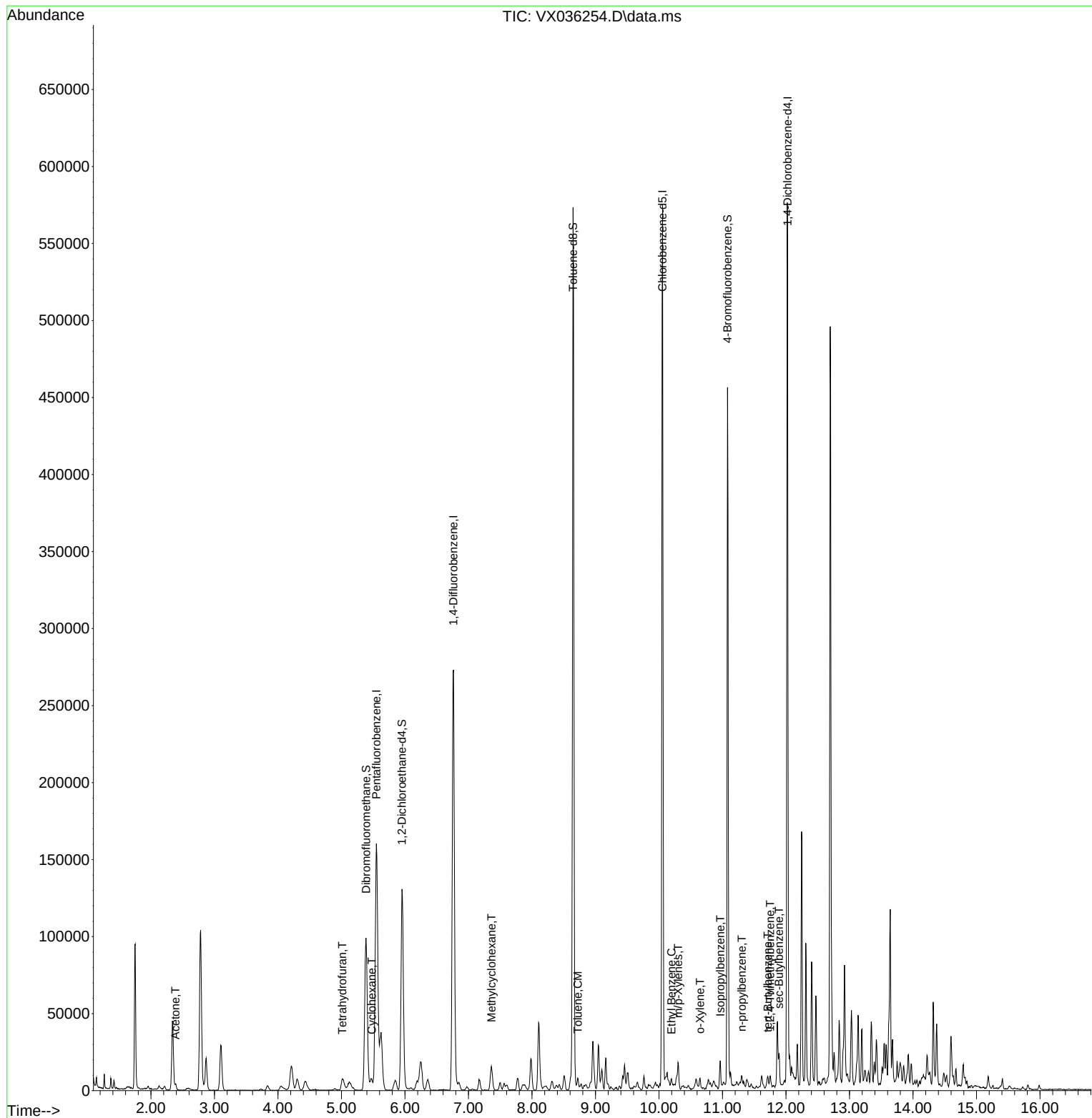
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
Data File : VX036254.D
Acq On : 20 Jun 2023 19:35
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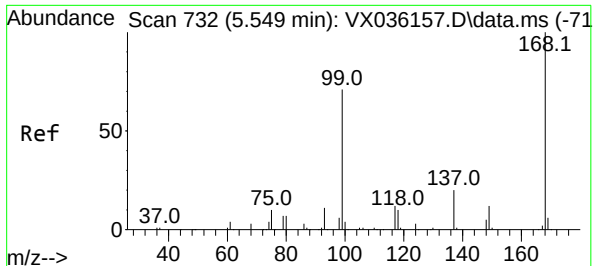
Instrument :
MSVOA_X
ClientSampleId :
MW-10

Quant Time: Jun 21 09:04:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration

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APPROVED

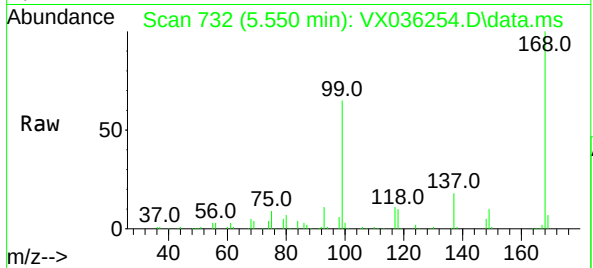
Reviewed By : John Carlone 06/22/2023
Supervised By : Mahesh Dadoda 06/22/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036254.D
Acq: 20 Jun 2023 19:35

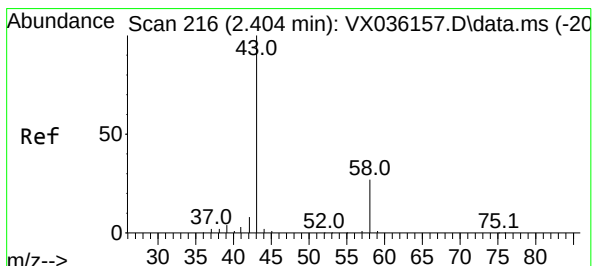
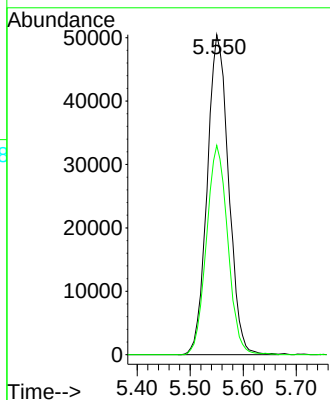
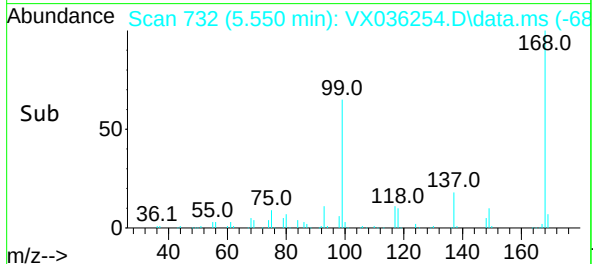
Instrument :
MSVOA_X
ClientSampleId :
MW-10



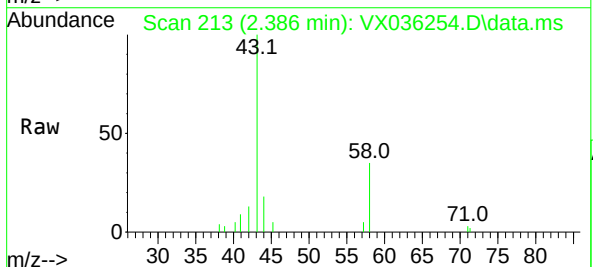
Tgt Ion:168 Resp: 14133
Ion Ratio Lower Upper
168 100
99 65.4 56.6 85.0

Manual Integrations
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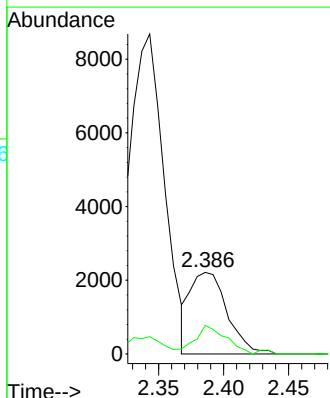
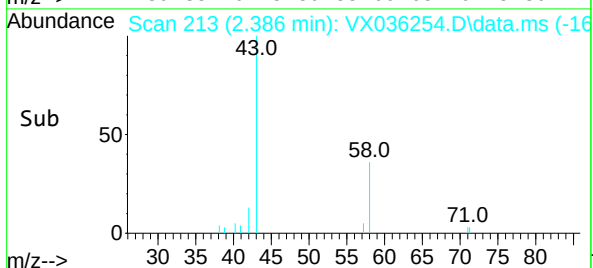
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

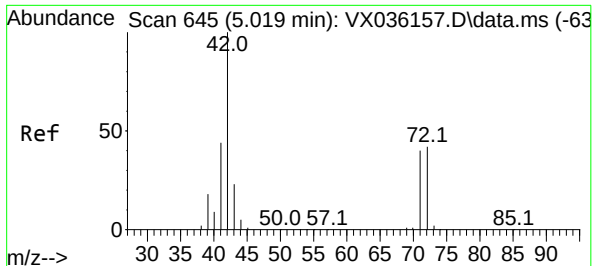


#16
Acetone
Concen: 4.112 ug/l m
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036254.D
Acq: 20 Jun 2023 19:35



Tgt Ion: 43 Resp: 4412
Ion Ratio Lower Upper
43 100
58 35.1 21.9 32.9#





#29

Tetrahydrofuran

Concen: 8.524 ug/l

RT: 5.013 min Scan# 645

Delta R.T. -0.006 min

Lab File: VX036254.D

Acq: 20 Jun 2023 19:35

Instrument :

MSVOA_X

ClientSampleId :

MW-10

Tgt Ion: 42 Resp: 813

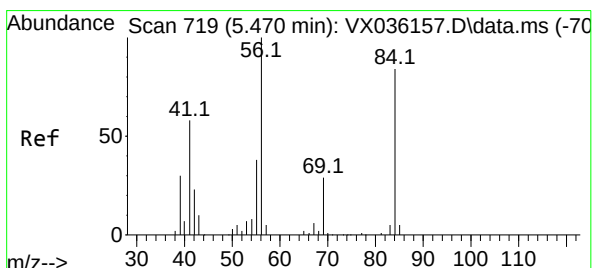
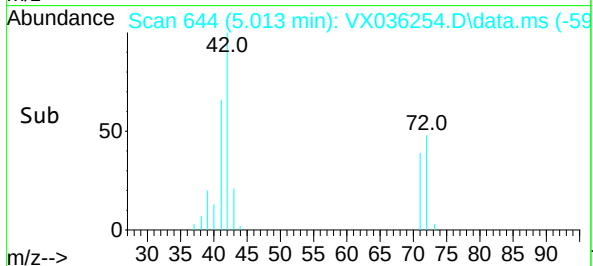
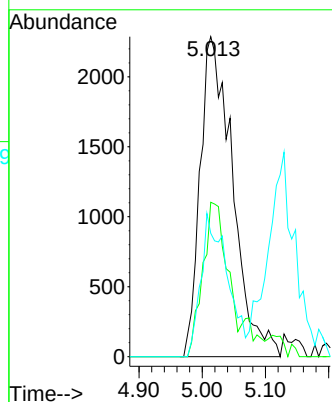
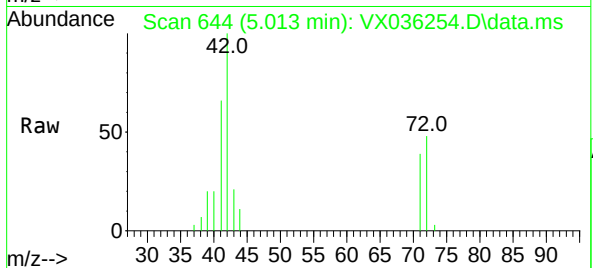
Ion	Ratio	Lower	Upper
42	100		
72	37.3	34.2	51.4
71	36.4	32.2	48.2

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#31

Cyclohexane

Concen: 1.637 ug/l

RT: 5.477 min Scan# 720

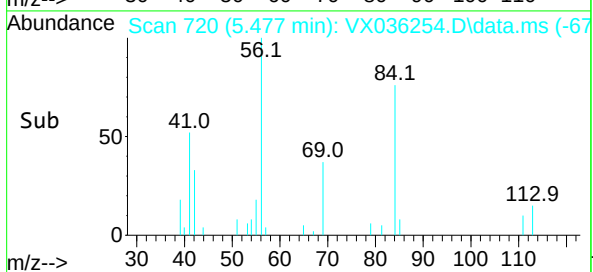
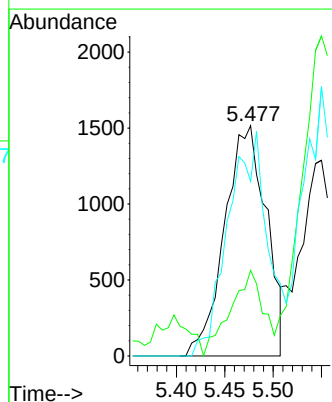
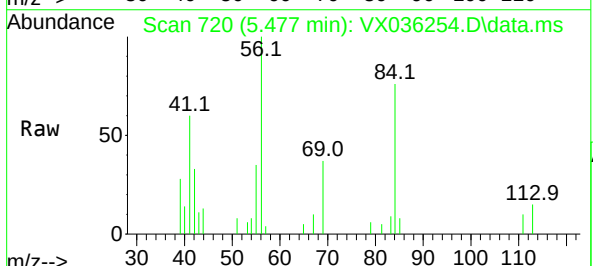
Delta R.T. 0.007 min

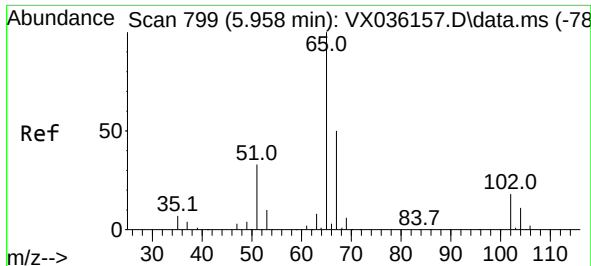
Lab File: VX036254.D

Acq: 20 Jun 2023 19:35

Tgt Ion: 56 Resp: 4537

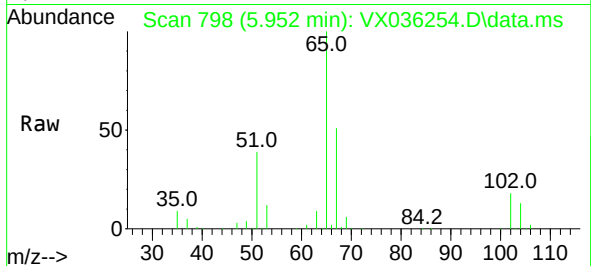
Ion	Ratio	Lower	Upper
56	100		
69	24.2	23.4	35.2
84	75.8	65.9	98.9





#33
1,2-Dichloroethane-d4
Concen: 48.117 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX036254.D
Acq: 20 Jun 2023 19:35

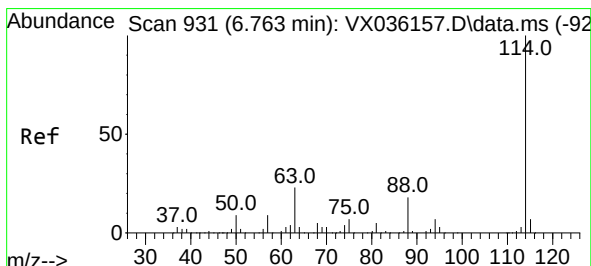
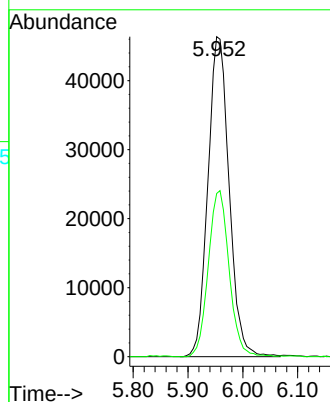
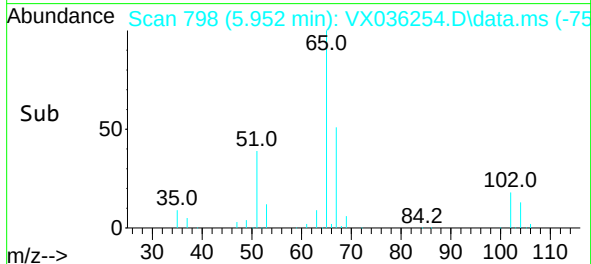
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion: 65 Resp: 124275
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

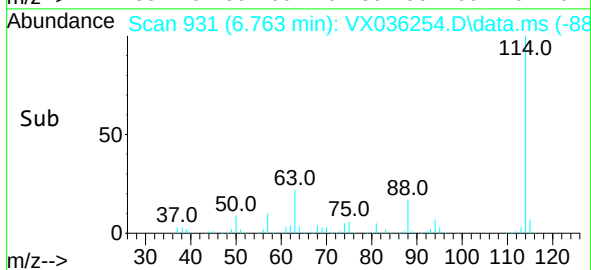
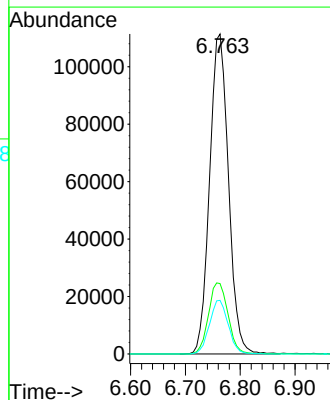
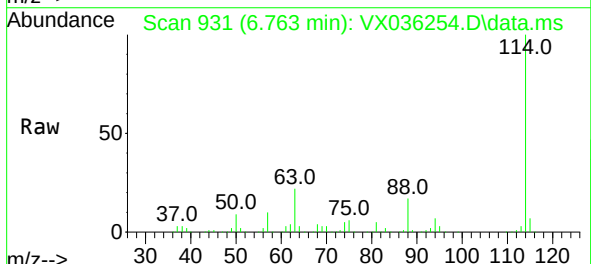
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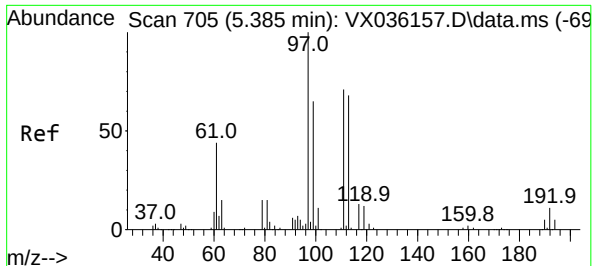
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX036254.D
Acq: 20 Jun 2023 19:35

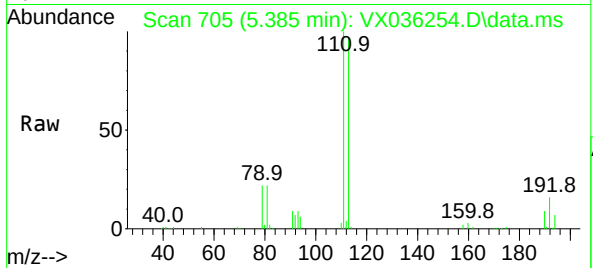
Tgt Ion:114 Resp: 265701
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 16.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.285 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036254.D
Acq: 20 Jun 2023 19:35

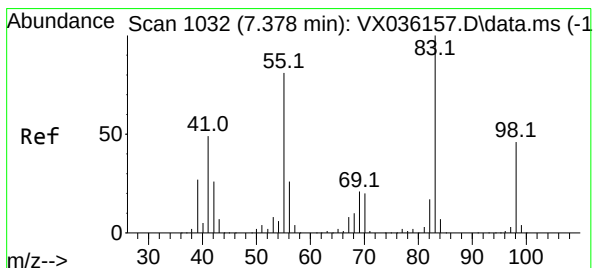
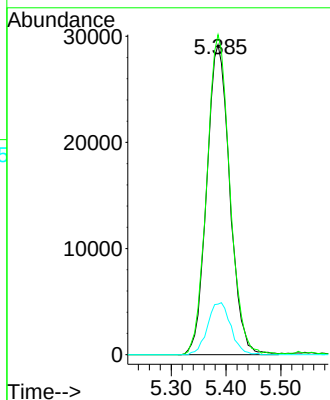
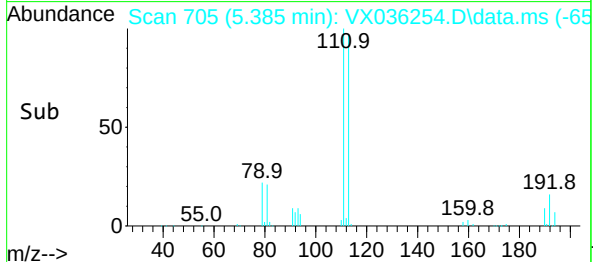
Instrument :
MSVOA_X
ClientSampleId :
MW-10



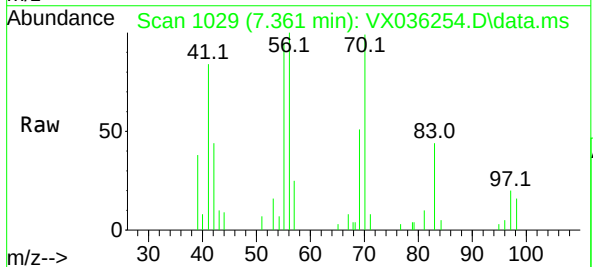
Tgt Ion: 113 Resp: 85190
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 16.9 13.3 19.9

Manual Integrations
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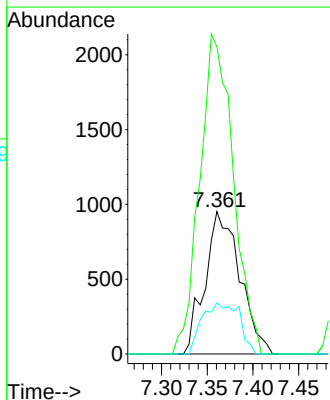
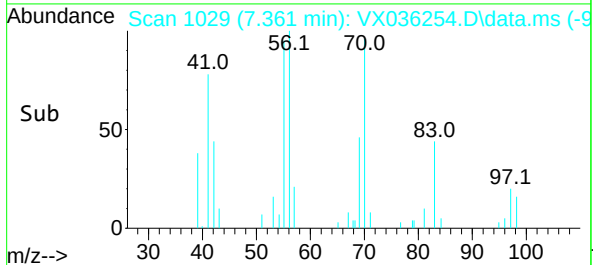
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

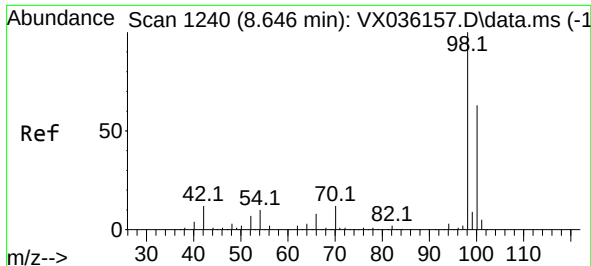


#39
Methylcyclohexane
Concen: 0.886 ug/l
RT: 7.361 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VX036254.D
Acq: 20 Jun 2023 19:35



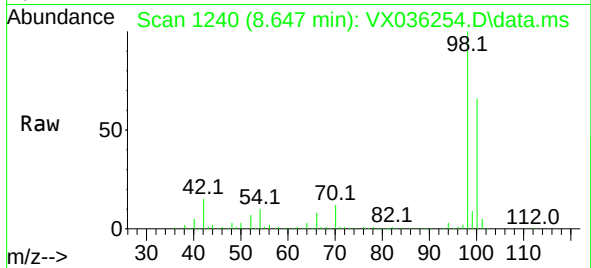
Tgt Ion: 83 Resp: 2534
Ion Ratio Lower Upper
83 100
55 215.7 64.6 97.0#
98 35.8 36.7 55.1#





#50
Toluene-d8
Concen: 48.566 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036254.D
Acq: 20 Jun 2023 19:35

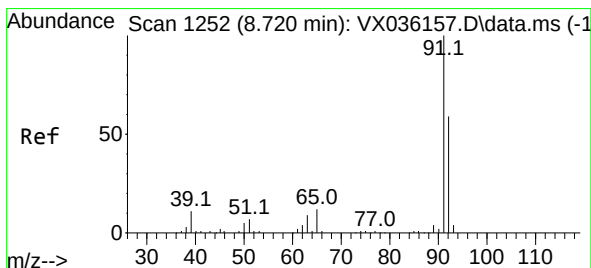
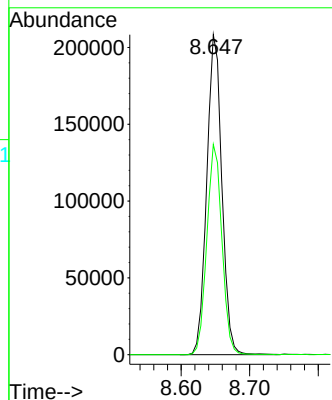
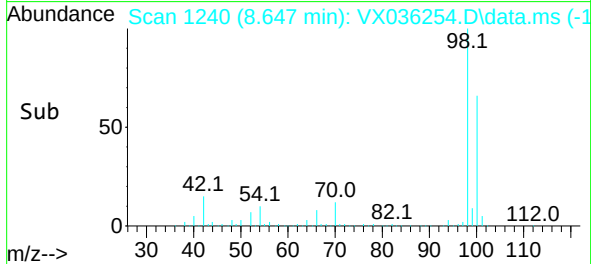
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion: 98 Resp: 3208
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

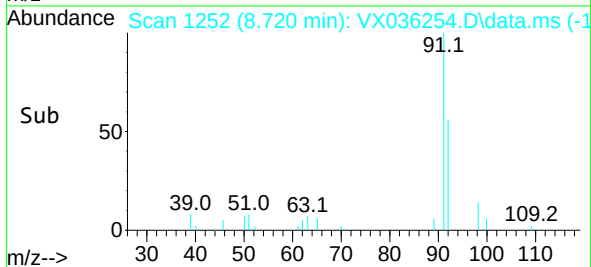
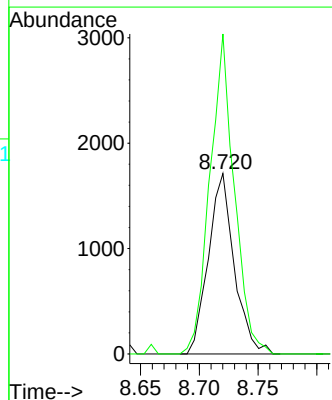
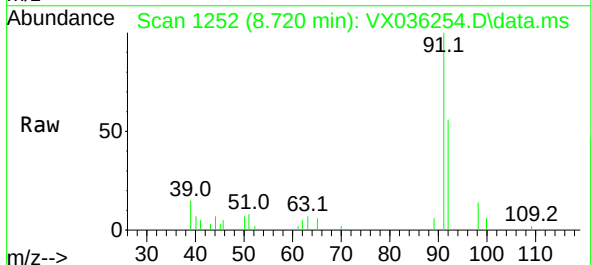
Manual Integrations
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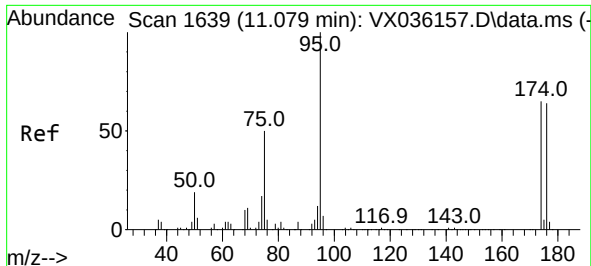
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#52
Toluene
Concen: 0.562 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036254.D
Acq: 20 Jun 2023 19:35

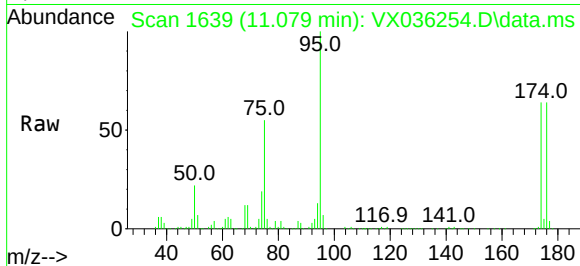
Tgt Ion: 92 Resp: 2624
Ion Ratio Lower Upper
92 100
91 167.6 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 43.304 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036254.D
Acq: 20 Jun 2023 19:35

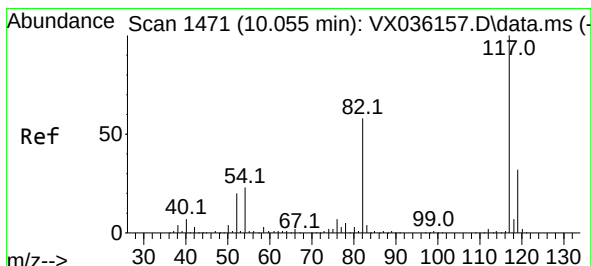
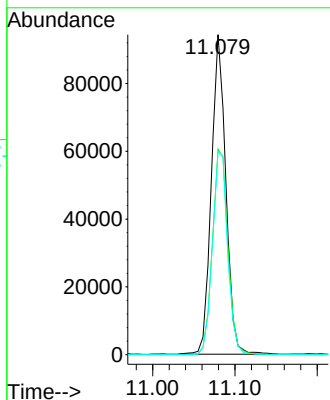
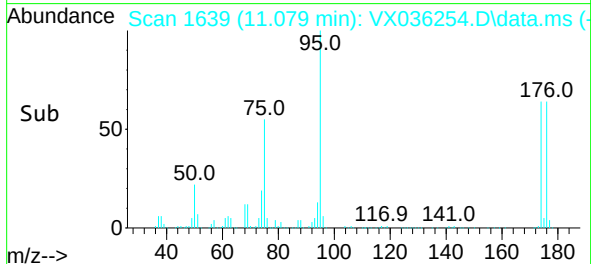
Instrument :
MSVOA_X
ClientSampleId :
MW-10



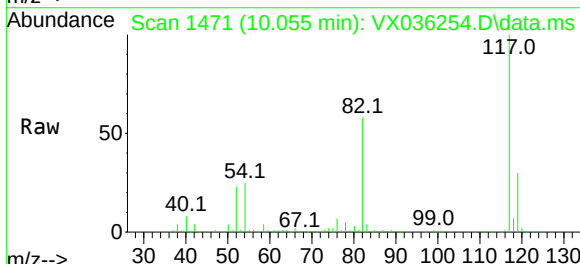
Tgt Ion: 95 Resp: 11520
Ion Ratio Lower Upper
95 100
174 68.9 0.0 135.6
176 66.6 0.0 131.0

Manual Integrations
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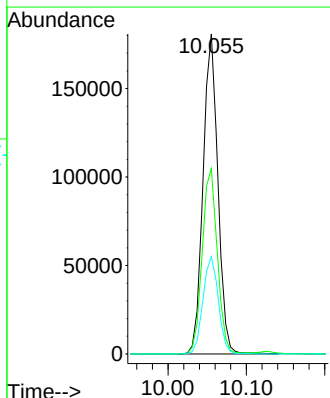
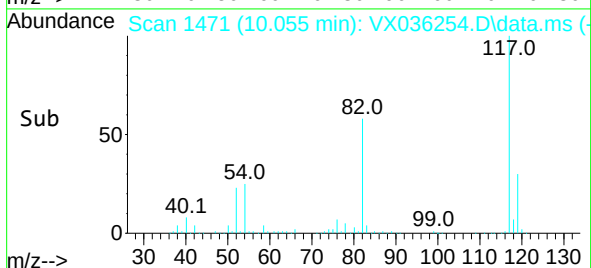
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

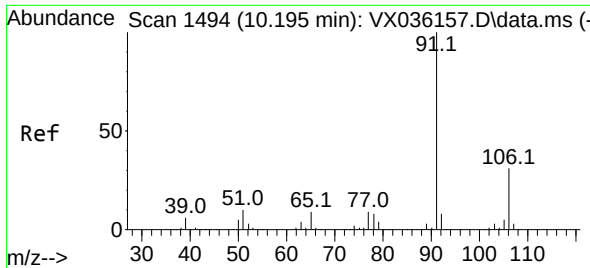


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036254.D
Acq: 20 Jun 2023 19:35



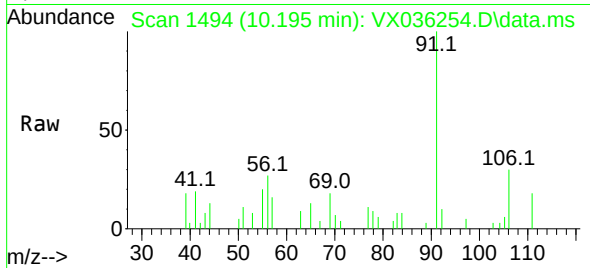
Tgt Ion:117 Resp: 236798
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 30.4 25.5 38.3





#67
Ethyl Benzene
Concen: 0.344 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036254.D
Acq: 20 Jun 2023 19:35

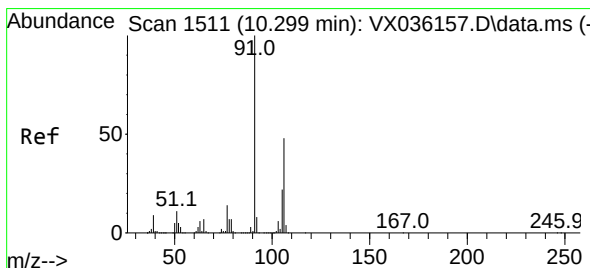
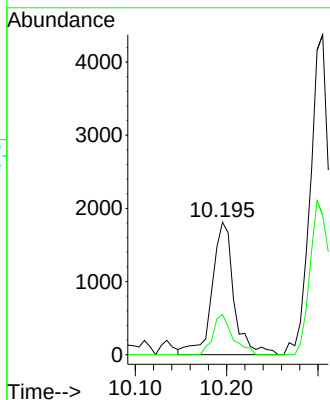
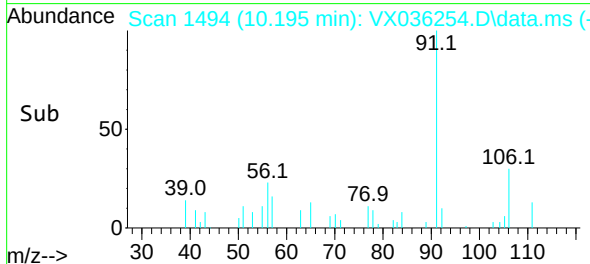
Instrument :
MSVOA_X
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MW-10



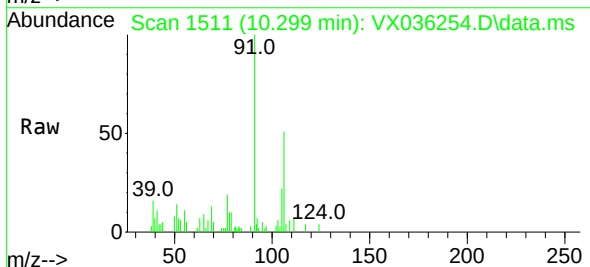
Tgt Ion: 91 Resp: 301
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

Manual Integrations
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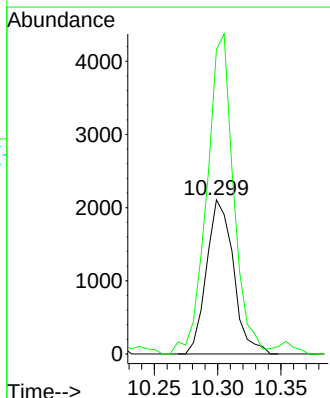
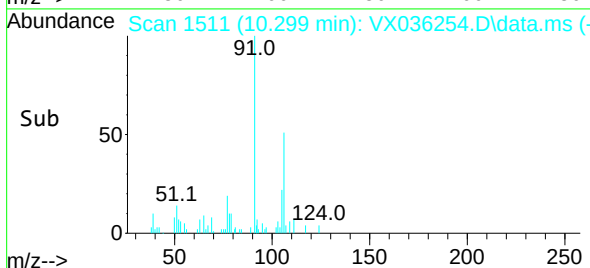
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

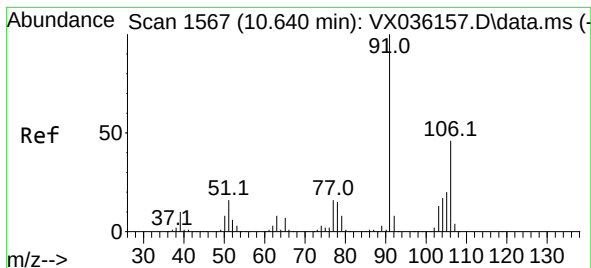


#68
m/p-Xylenes
Concen: 0.941 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036254.D
Acq: 20 Jun 2023 19:35



Tgt Ion:106 Resp: 3112
Ion Ratio Lower Upper
106 100
91 207.0 165.5 248.3





#69

o-Xylene

Concen: 0.263 ug/l

RT: 10.647 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX036254.D

Acq: 20 Jun 2023 19:35

Instrument :

MSVOA_X

ClientSampleId :

MW-10

Tgt Ion:106 Resp: 85

Ion Ratio Lower Upper

106 100

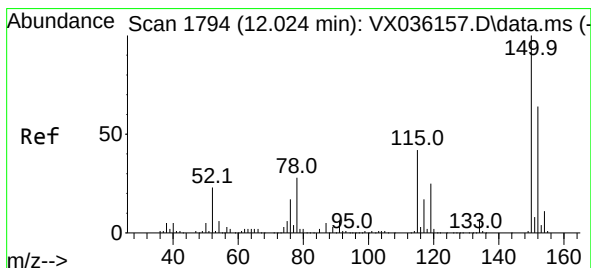
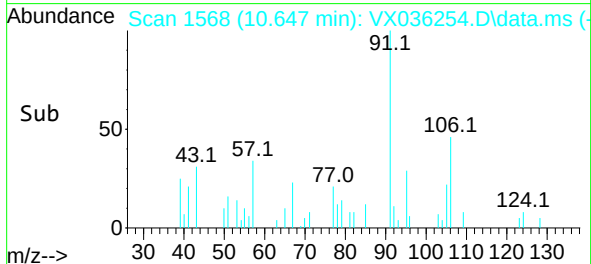
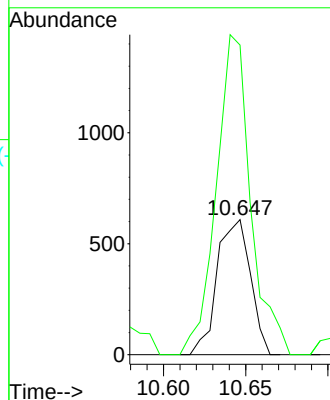
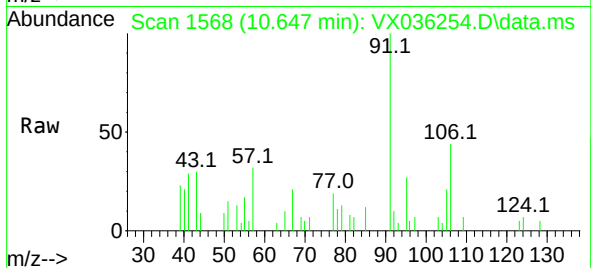
91 245.2 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036254.D

Acq: 20 Jun 2023 19:35

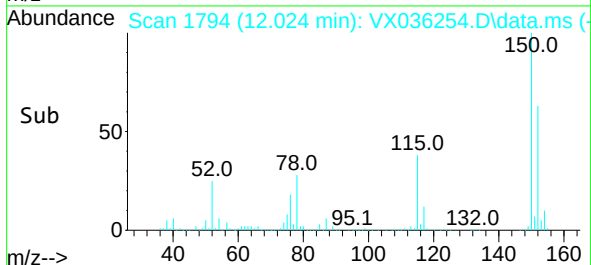
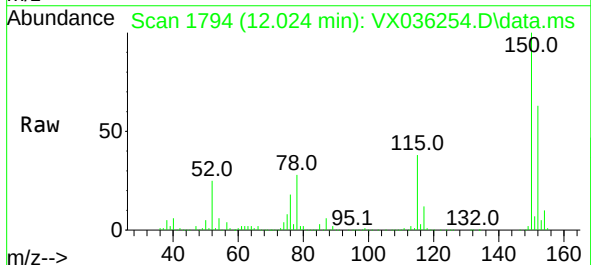
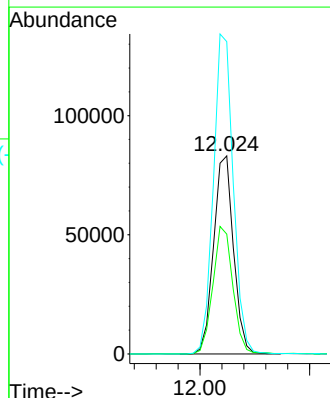
Tgt Ion:152 Resp: 104884

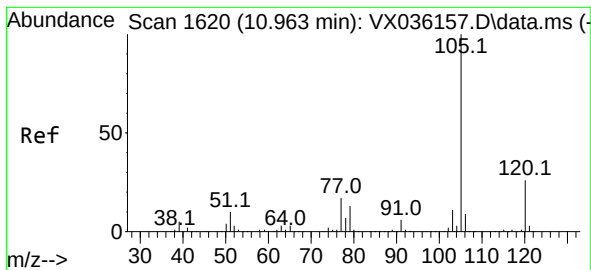
Ion Ratio Lower Upper

152 100

115 65.1 43.3 129.9

150 161.6 0.0 345.0





#73

Isopropylbenzene

Concen: 0.964 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX036254.D

Acq: 20 Jun 2023 19:35

Instrument :

MSVOA_X

ClientSampleId :

MW-10

Tgt Ion:105 Resp: 7500

Ion Ratio Lower Upper

105 100

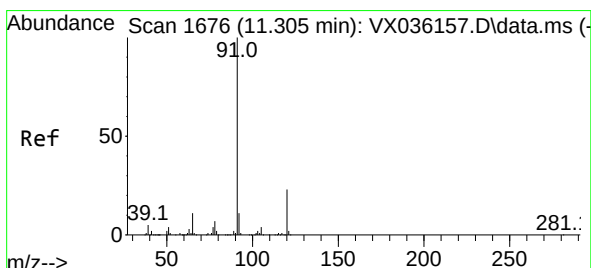
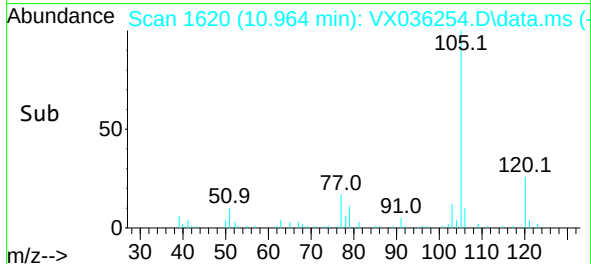
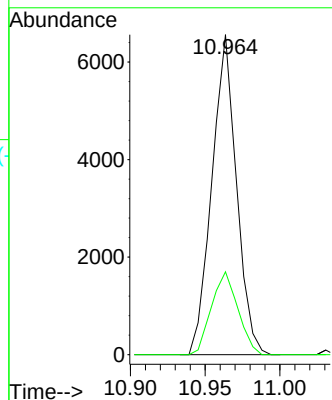
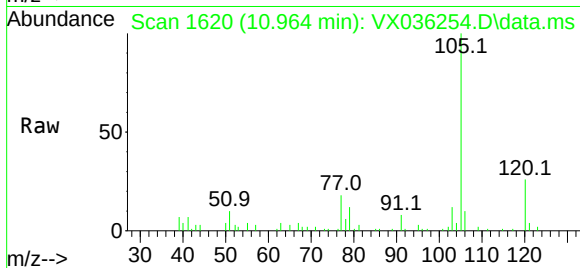
120 27.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#78

n-propylbenzene

Concen: 0.213 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036254.D

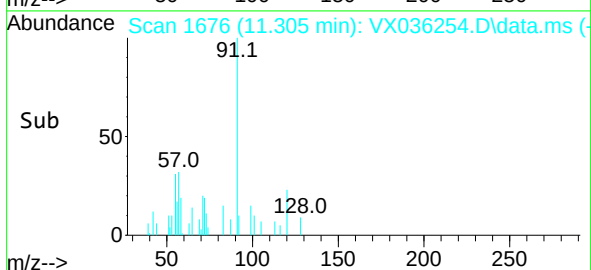
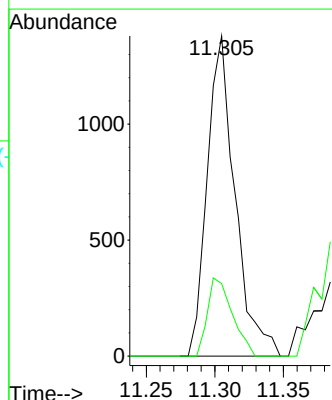
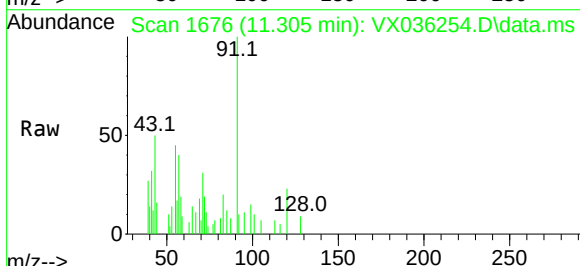
Acq: 20 Jun 2023 19:35

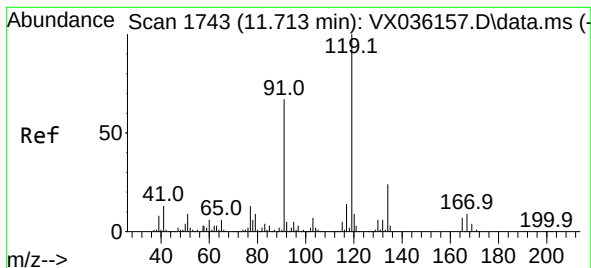
Tgt Ion: 91 Resp: 1947

Ion Ratio Lower Upper

91 100

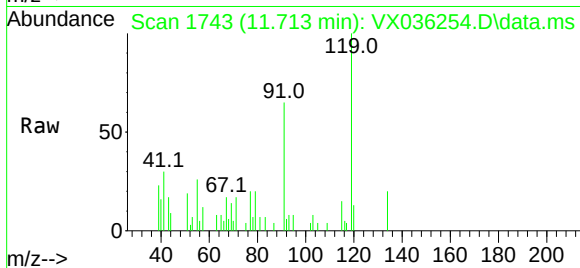
120 21.8 11.5 34.4





#83
tert-Butylbenzene
Concen: 0.326 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036254.D
Acq: 20 Jun 2023 19:35

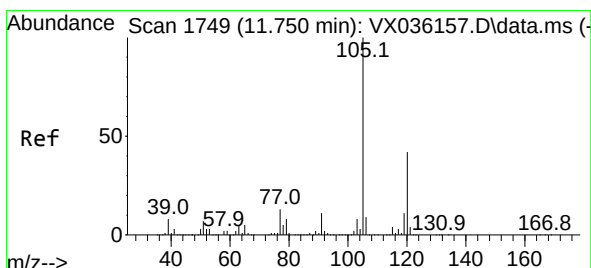
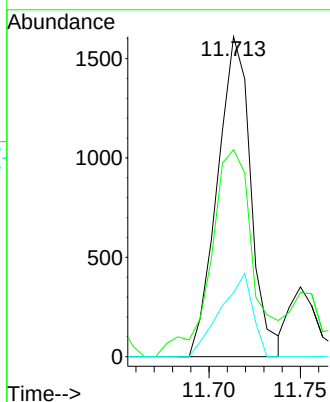
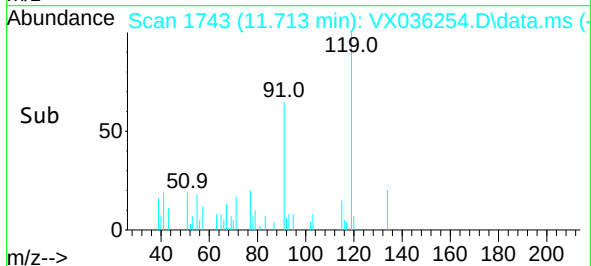
Instrument :
MSVOA_X
ClientSampleId :
MW-10



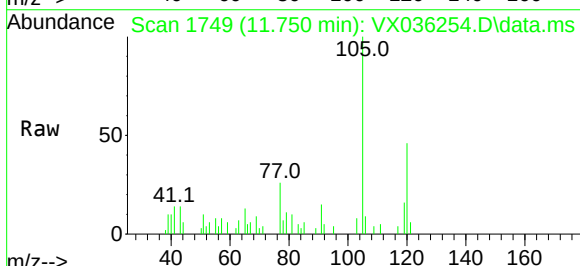
Tgt Ion:119 Resp: 2050
Ion Ratio Lower Upper
119 100
91 81.3 31.2 93.6
134 25.0 11.7 35.0

Manual Integrations
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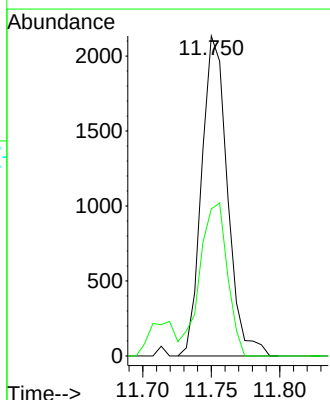
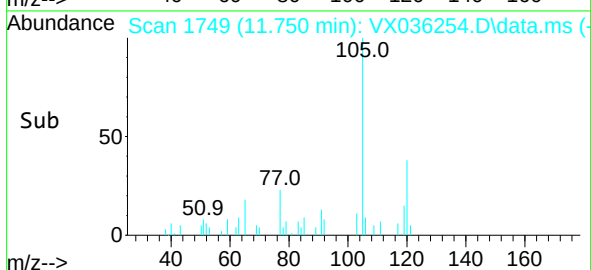
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

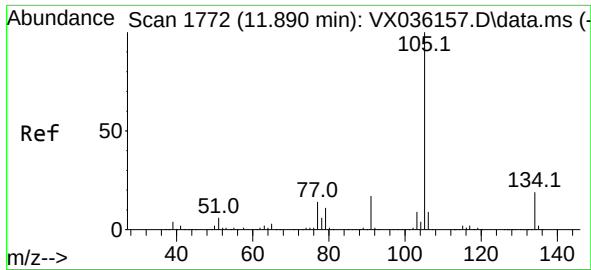


#84
1,2,4-Trimethylbenzene
Concen: 0.422 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036254.D
Acq: 20 Jun 2023 19:35



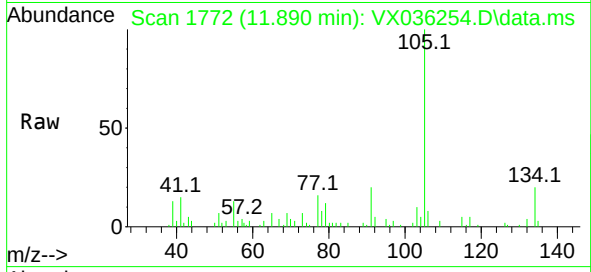
Tgt Ion:105 Resp: 2790
Ion Ratio Lower Upper
105 100
120 51.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 1.044 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036254.D
 Acq: 20 Jun 2023 19:35

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10



Tgt Ion:105 Resp: 8190
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

