

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038225.D
 Acq On : 11 Oct 2023 13:36
 Operator : JC/MD
 Sample : 04788-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Oct 12 04:58:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/12/2023
 Supervised By : Mahesh Dadoda 10/12/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	116782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82959	44.166	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.340%		
35) Dibromofluoromethane	5.391	113	65651	45.102	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.200%		
50) Toluene-d8	8.647	98	260973	46.919	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.840%		
62) 4-Bromofluorobenzene	11.079	95	105414	49.990	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.980%		
Target Compounds					Qvalue	
16) Acetone	2.373	43	10479	13.367	ug/l	95
25) 2-Butanone	4.568	43	7999	6.324	ug/l	95
31) Cyclohexane	5.477	56	204069	100.276	ug/l	95
39) Methylcyclohexane	7.385	83	250087	106.369	ug/l	94
52) Toluene	8.720	92	49052	13.413	ug/l	90
67) Ethyl Benzene	10.195	91	109938	14.235	ug/l	97
68) m/p-Xylenes	10.299	106	575211	192.614	ug/l	100
69) o-Xylene	10.640	106	312686	107.281	ug/l	99
73) Isopropylbenzene	10.963	105	105982	13.513	ug/l	99
78) n-propylbenzene	11.305	91	213402	22.252	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	246639	36.450	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	1004969	148.960	ug/l	97
85) sec-Butylbenzene	11.890	105	27752m	3.240	ug/l	
86) p-Isopropyltoluene	12.006	119	21969	3.109	ug/l	96
89) n-Butylbenzene	12.329	91	61477	8.736	ug/l #	34

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

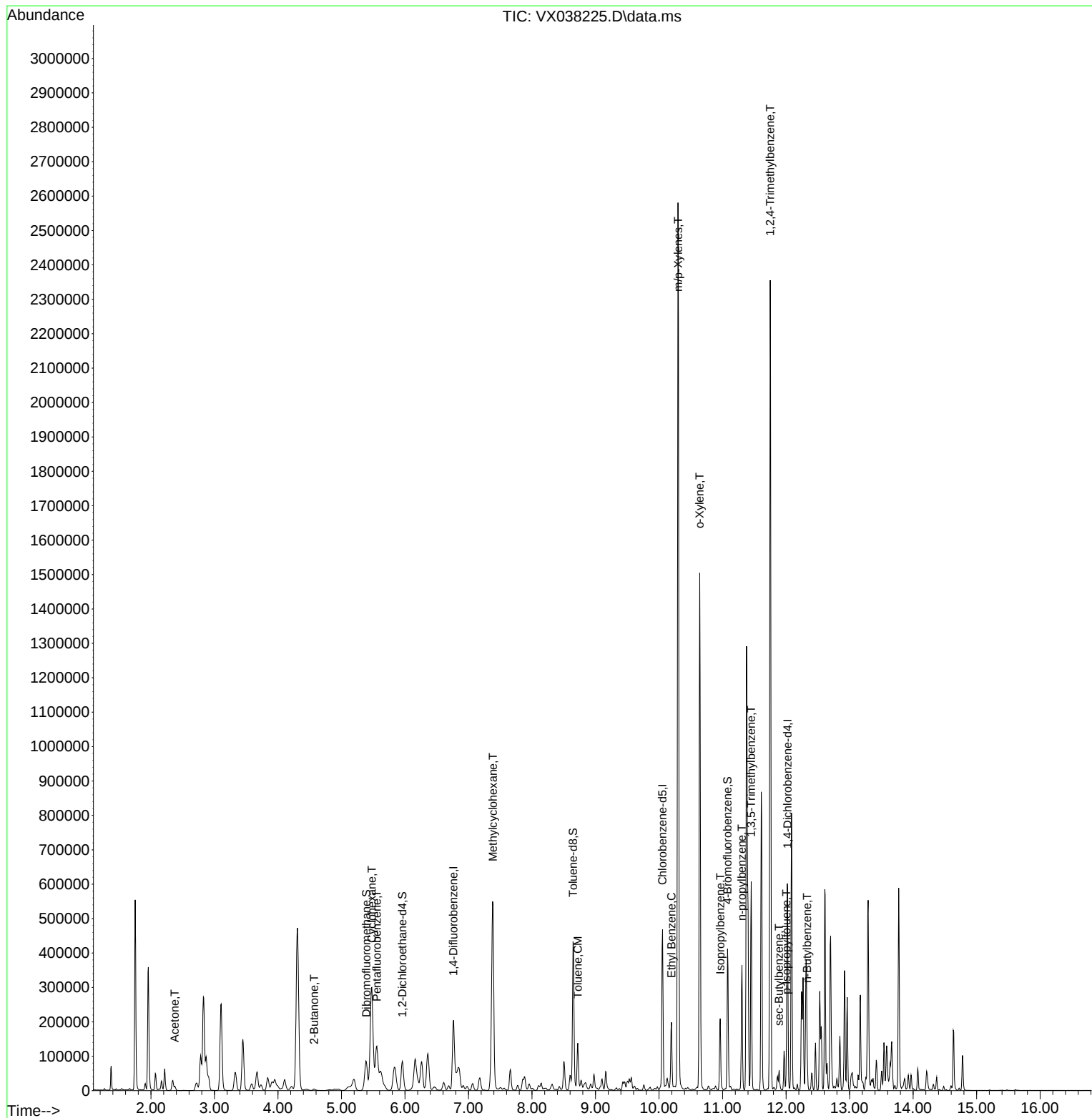
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
Data File : VX038225.D
Acq On : 11 Oct 2023 13:36
Operator : JC/MD
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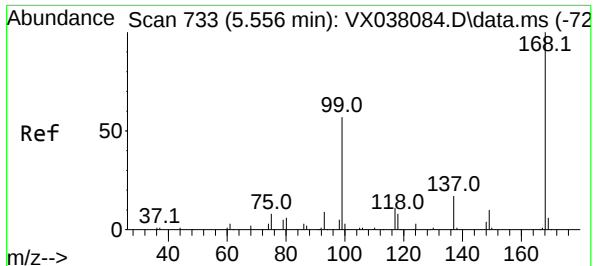
Instrument :
MSVOA_X
ClientSampleId :
MW-3

Quant Time: Oct 12 04:58:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

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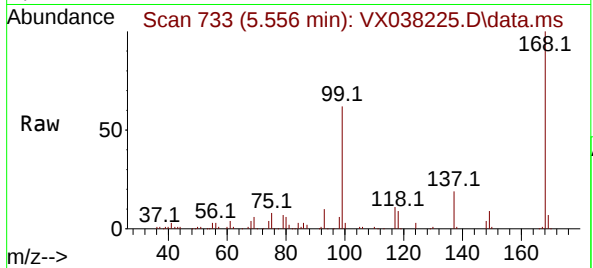
Reviewed By : John Carlone 10/12/2023
Supervised By : Mahesh Dadoda 10/12/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

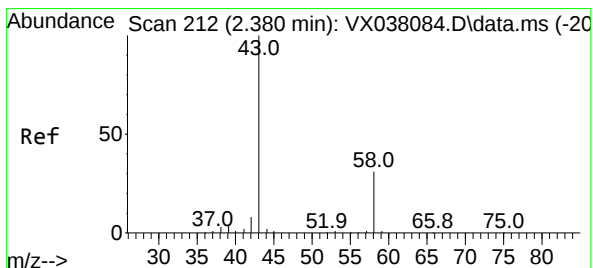
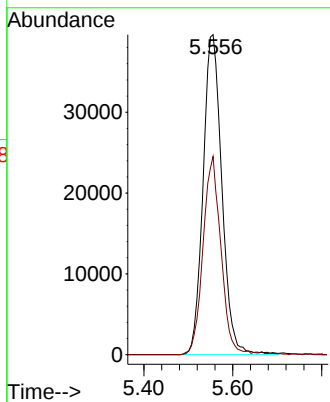
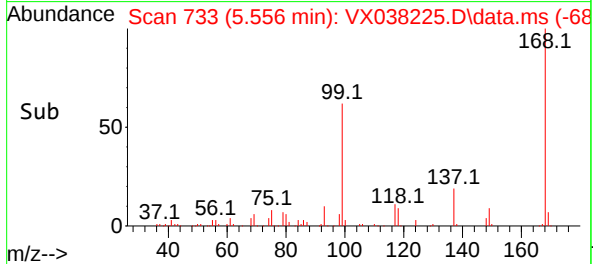
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion:168 Resp: 11678
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0

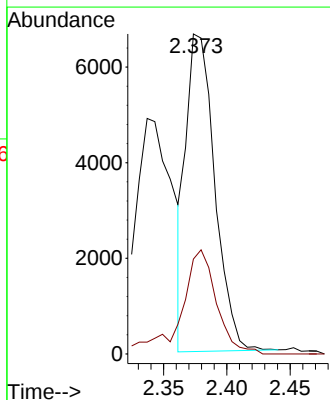
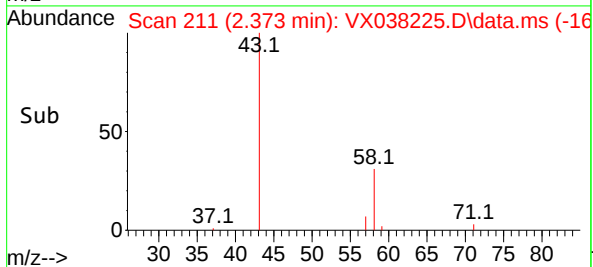
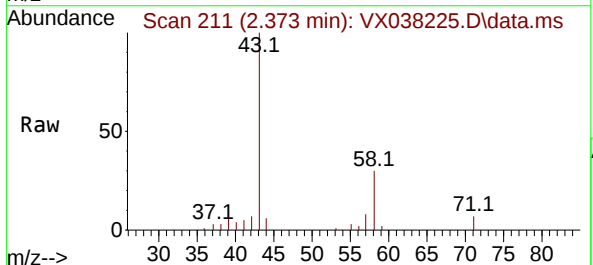
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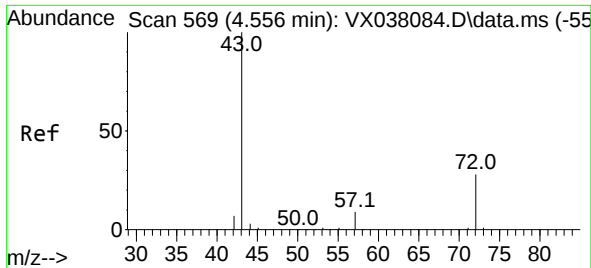
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#16
Acetone
Concen: 13.367 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

Tgt Ion: 43 Resp: 10479
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9





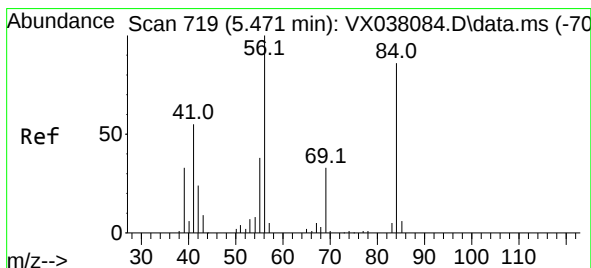
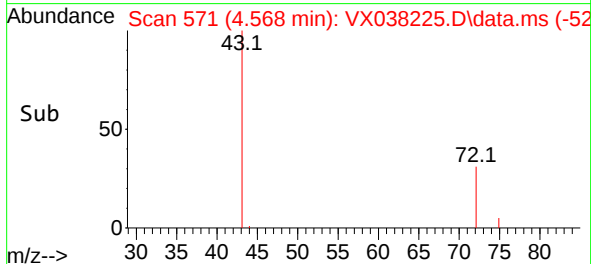
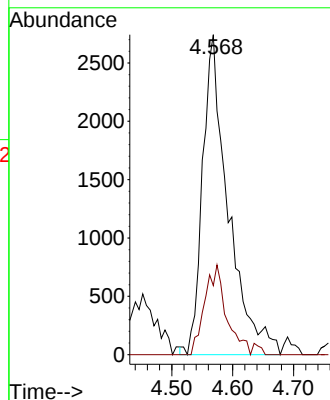
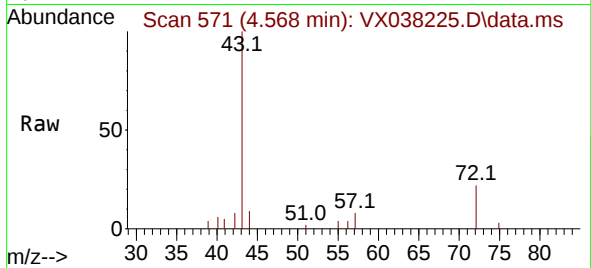
#25
2-Butanone
Concen: 6.324 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion: 43 Resp: 7999
Ion Ratio Lower Upper
43 100
72 21.6 19.4 29.2

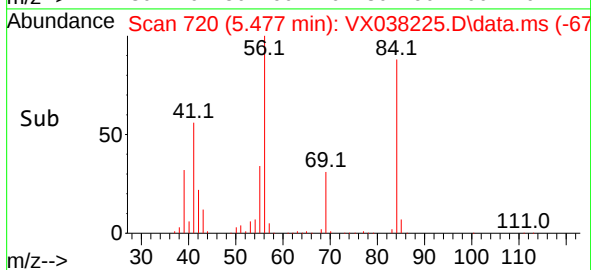
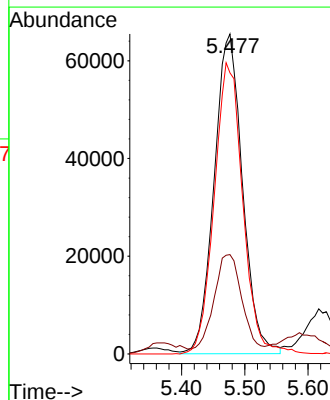
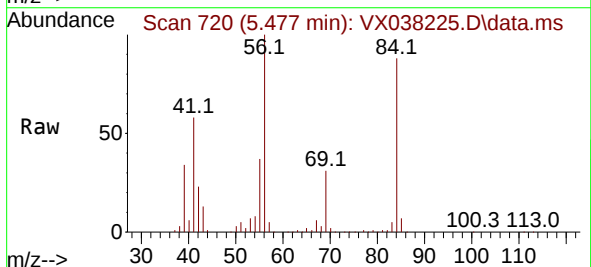
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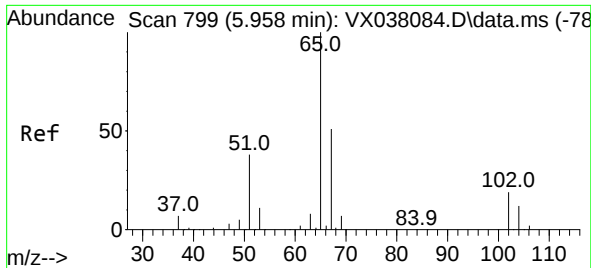
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#31
Cyclohexane
Concen: 100.276 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

Tgt Ion: 56 Resp: 204069
Ion Ratio Lower Upper
56 100
69 28.6 23.4 35.2
84 88.4 65.9 98.9





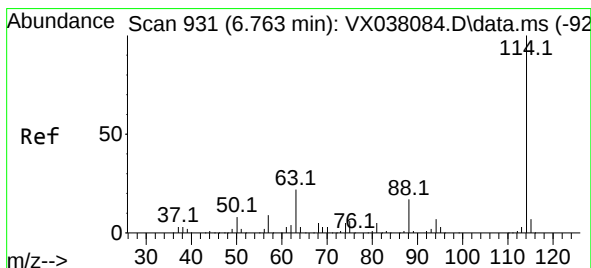
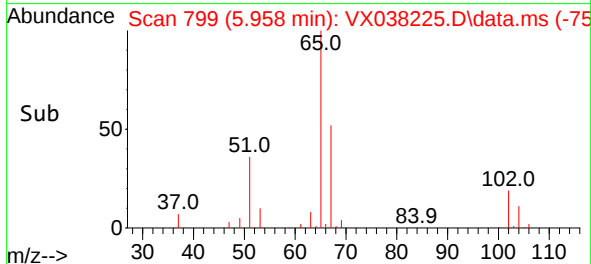
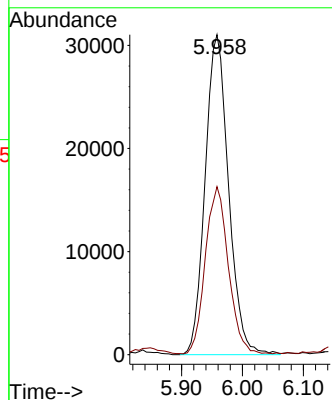
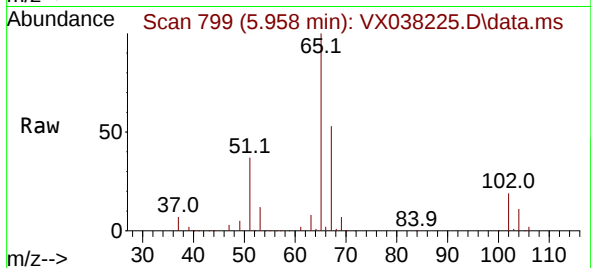
#33
 1,2-Dichloroethane-d4
 Concen: 44.166 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038225.D
 Acq: 11 Oct 2023 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Tgt Ion: 65 Resp: 82958
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.2

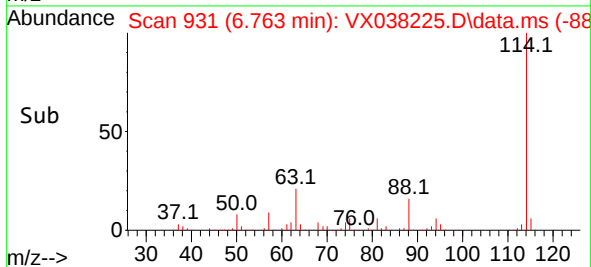
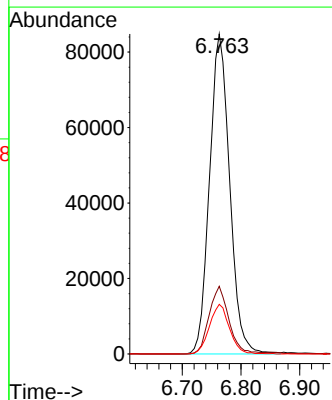
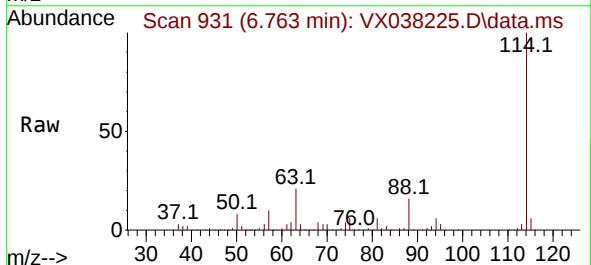
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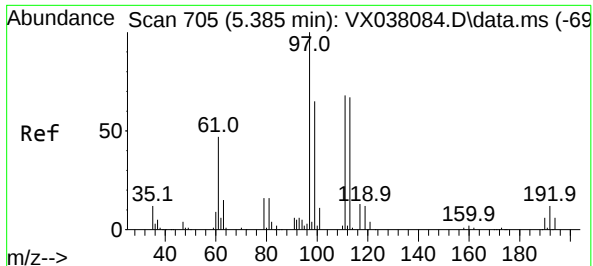
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038225.D
 Acq: 11 Oct 2023 13:36

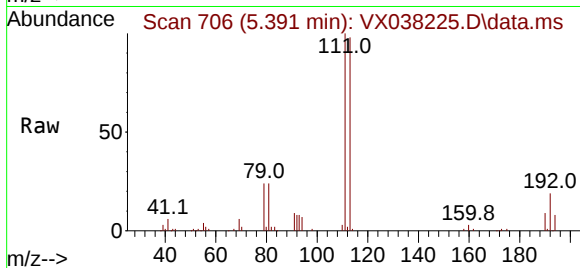
Tgt Ion:114 Resp: 202009
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 45.0
 88 15.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 45.102 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

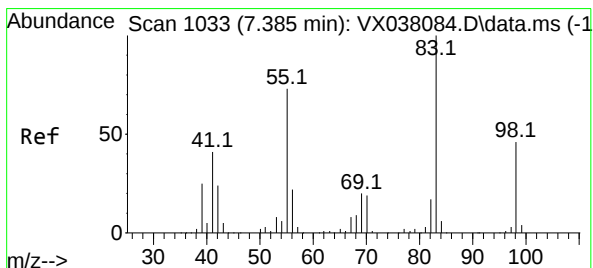
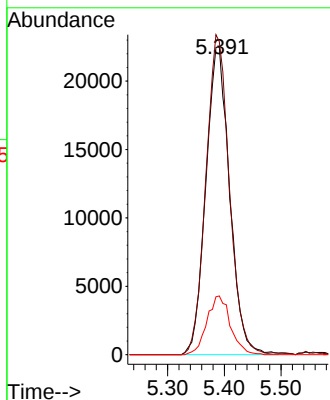
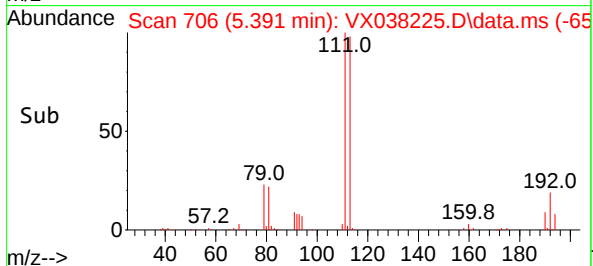
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion: 113 Resp: 6565
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.8 13.3 19.9

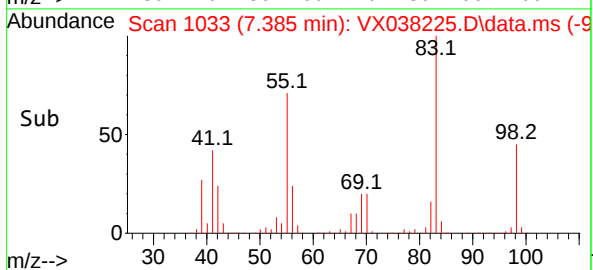
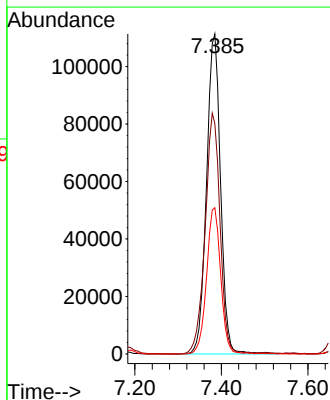
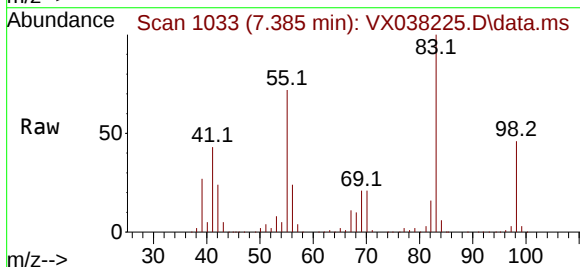
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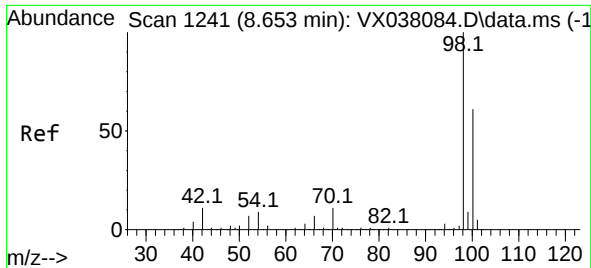
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#39
Methylcyclohexane
Concen: 106.369 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

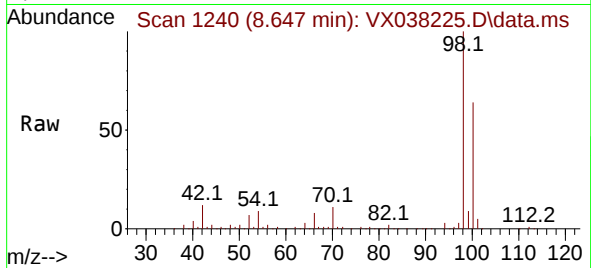
Tgt Ion: 83 Resp: 250087
Ion Ratio Lower Upper
83 100
55 72.0 64.6 97.0
98 45.7 36.7 55.1





#50
Toluene-d8
Concen: 46.919 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

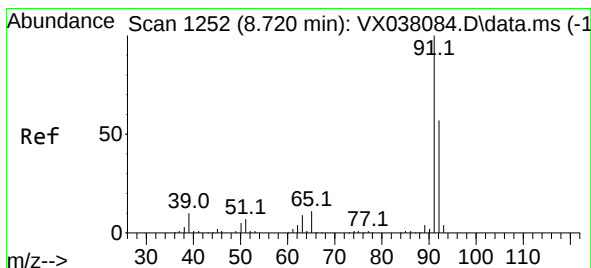
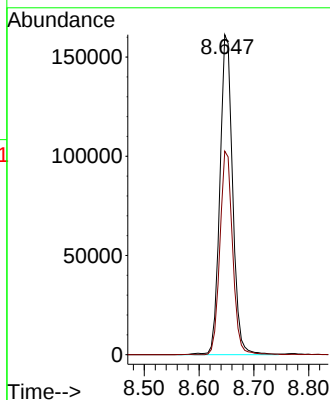
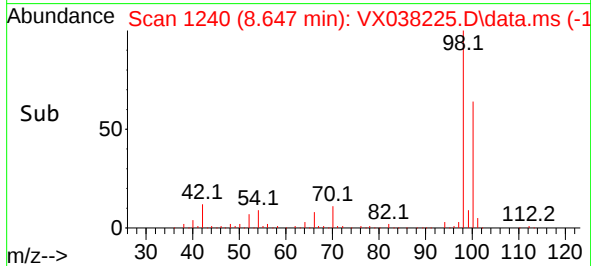
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion: 98 Resp: 26097
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

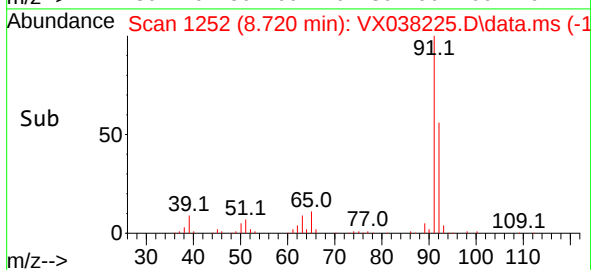
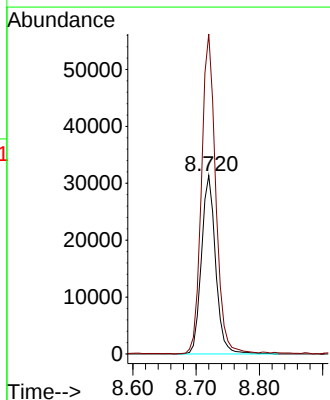
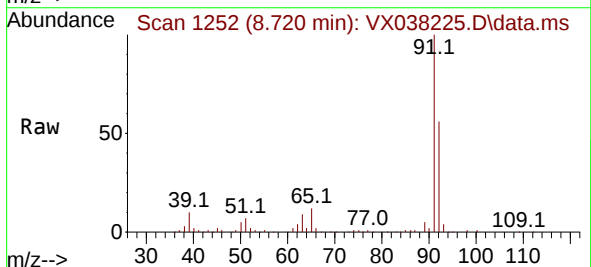
Manual Integrations
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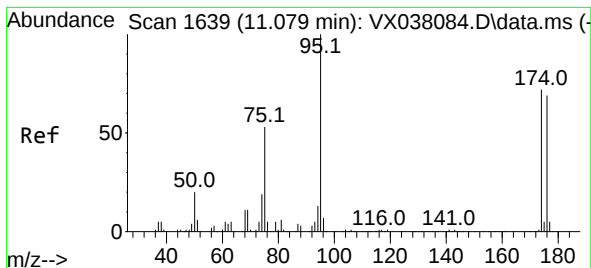
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#52
Toluene
Concen: 13.413 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

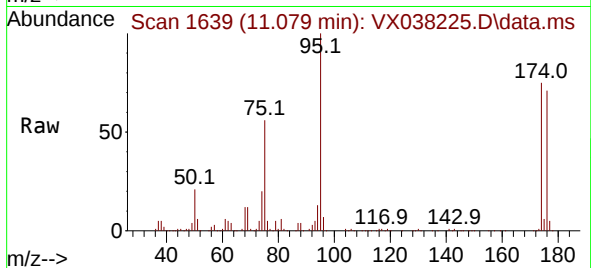
Tgt Ion: 92 Resp: 49052
Ion Ratio Lower Upper
92 100
91 180.7 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 49.990 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

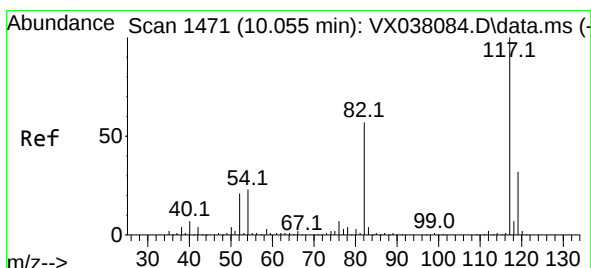
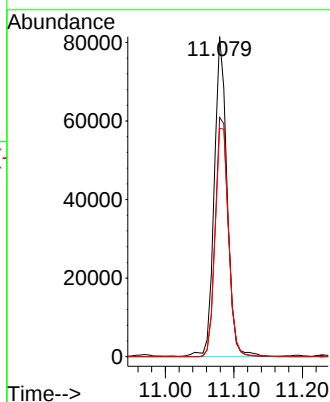
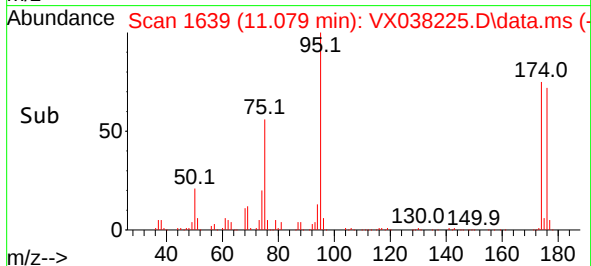
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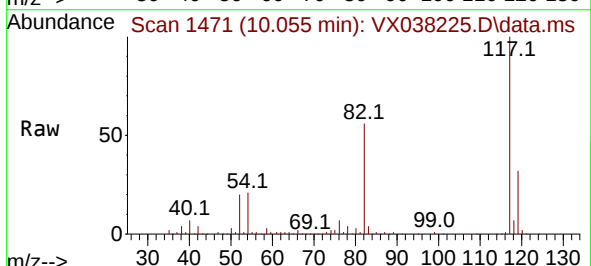
Tgt Ion: 95 Resp: 105414
Ion Ratio Lower Upper
95 100
174 76.9 0.0 135.6
176 74.8 0.0 131.0

Manual Integrations
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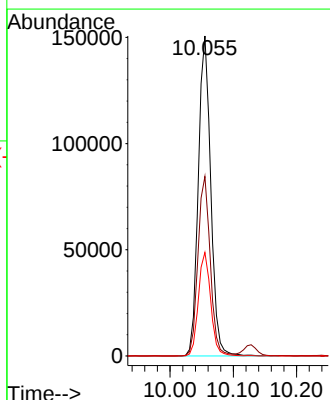
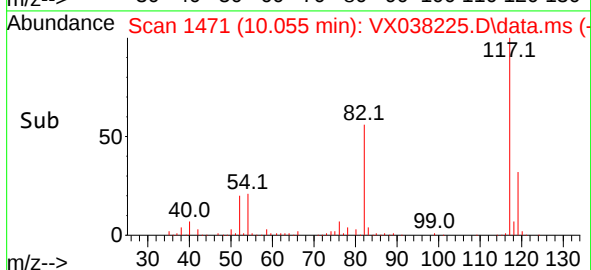
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

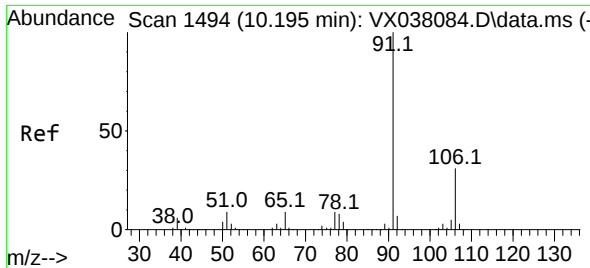


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36



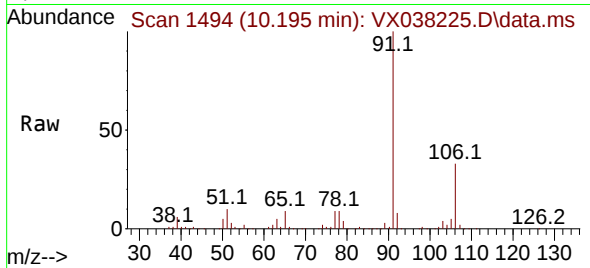
Tgt Ion:117 Resp: 206773
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.3 25.5 38.3





#67
Ethyl Benzene
Concen: 14.235 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

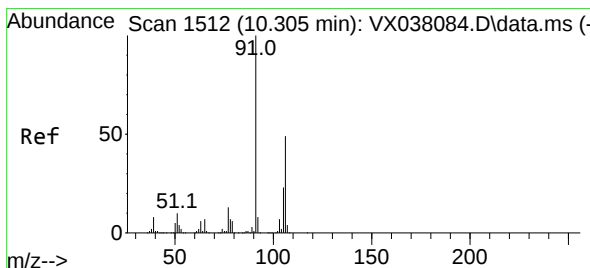
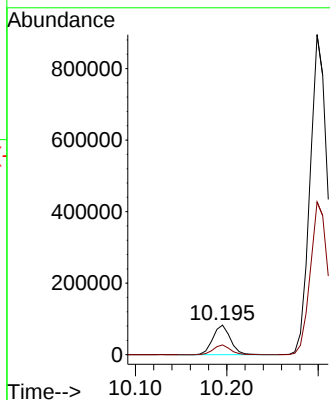
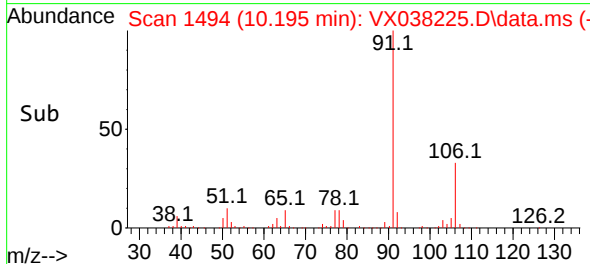
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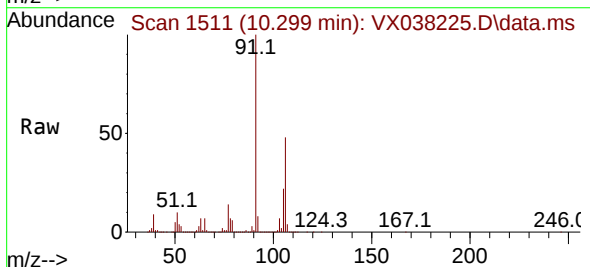
Tgt Ion: 91 Resp: 109938
Ion Ratio Lower Upper
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106 32.8 24.9 37.3

Manual Integrations
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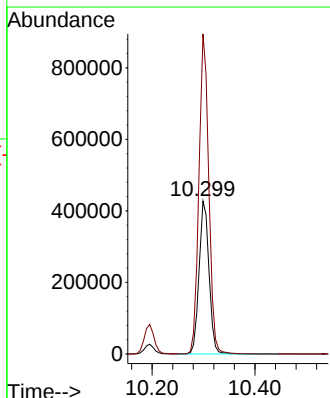
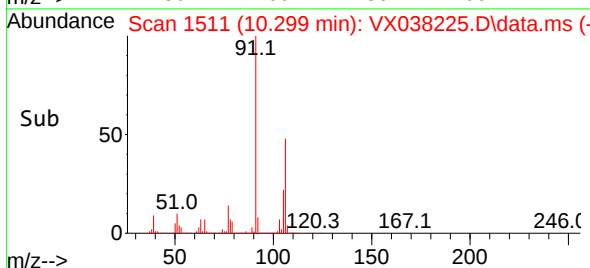
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

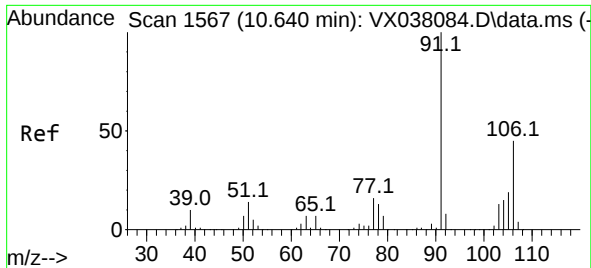


#68
m/p-Xylenes
Concen: 192.614 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36



Tgt Ion:106 Resp: 575211
Ion Ratio Lower Upper
106 100
91 206.5 165.5 248.3





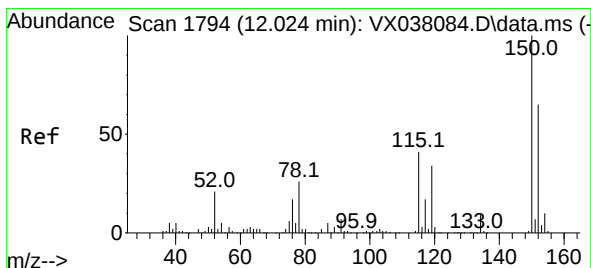
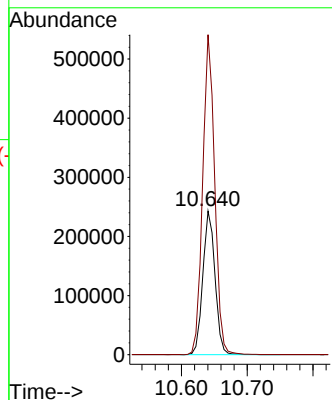
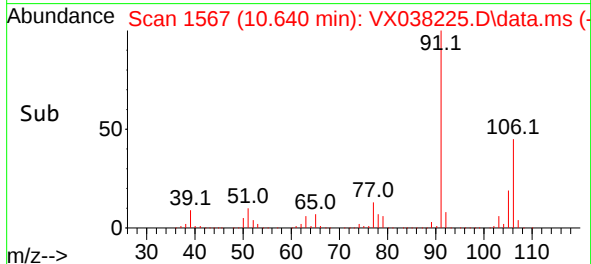
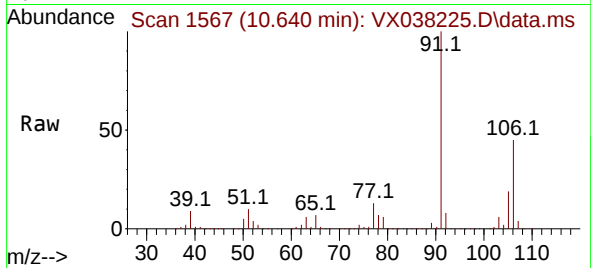
#69
o-Xylene
Concen: 107.281 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:106 Resp: 312680
Ion Ratio Lower Upper
106 100
91 219.4 108.9 326.8

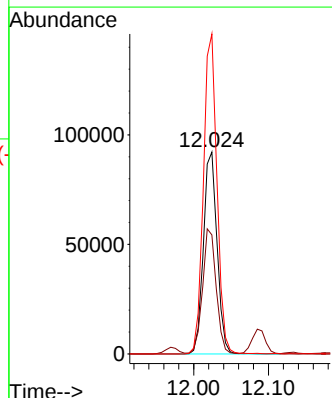
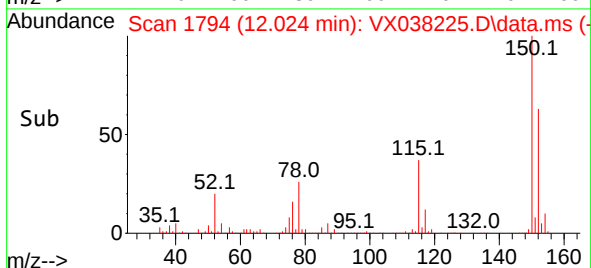
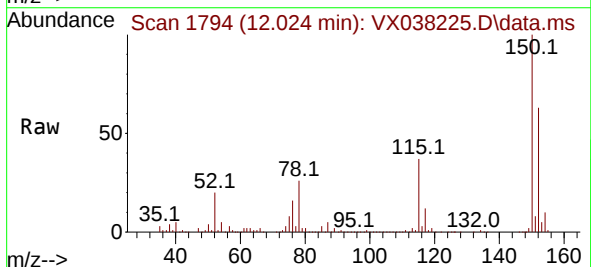
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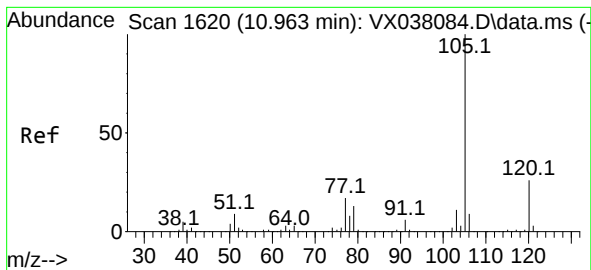
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038225.D
Acq: 11 Oct 2023 13:36

Tgt Ion:152 Resp: 116951
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 156.7 0.0 345.0





#73

Isopropylbenzene

Concen: 13.513 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tgt Ion:105 Resp: 10598

Ion Ratio Lower Upper

105 100

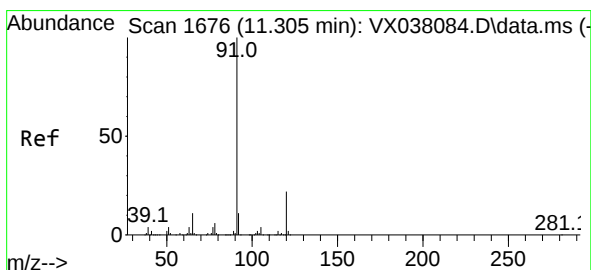
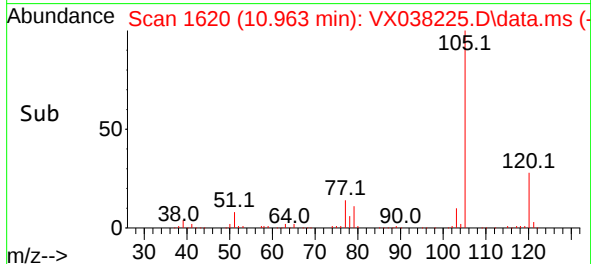
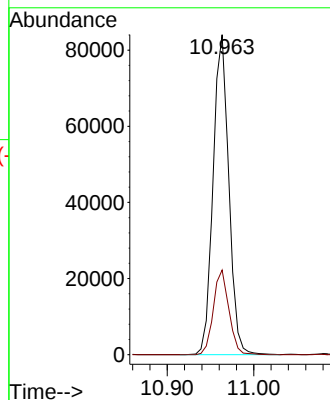
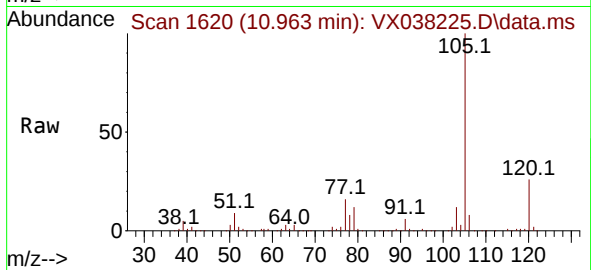
120 26.1 12.9 38.6

Manual Integrations

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Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#78

n-propylbenzene

Concen: 22.252 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038225.D

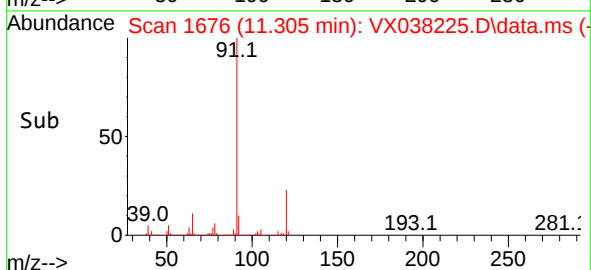
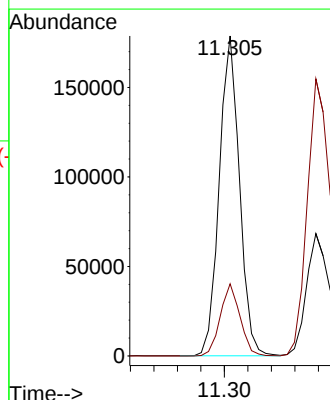
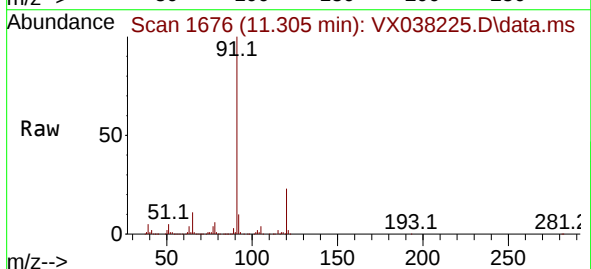
Acq: 11 Oct 2023 13:36

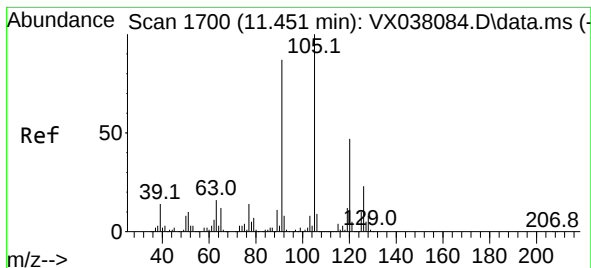
Tgt Ion: 91 Resp: 213402

Ion Ratio Lower Upper

91 100

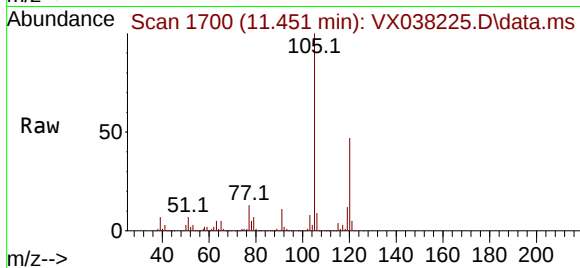
120 22.1 11.5 34.4





#80
 1,3,5-Trimethylbenzene
 Concen: 36.450 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX038225.D
 Acq: 11 Oct 2023 13:36

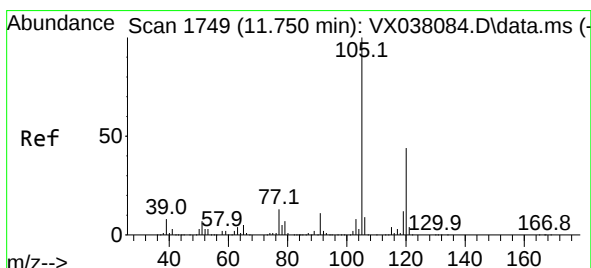
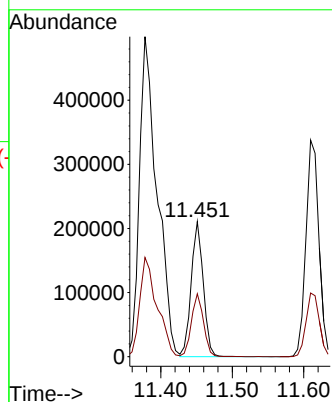
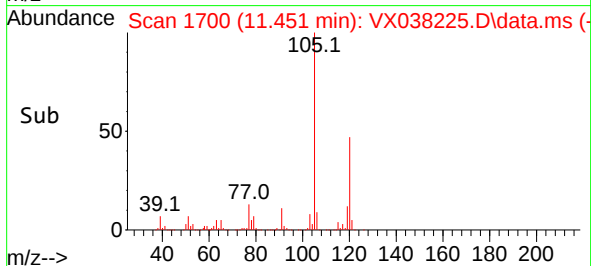
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3



Tgt Ion:105 Resp: 246639
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.1 72.3

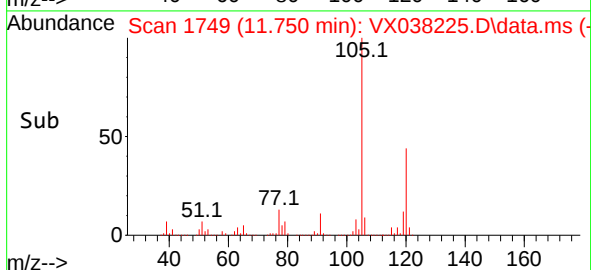
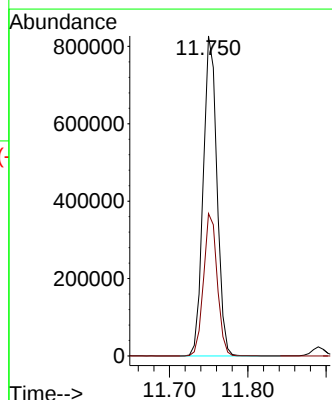
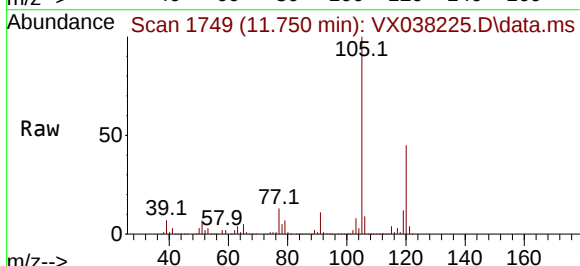
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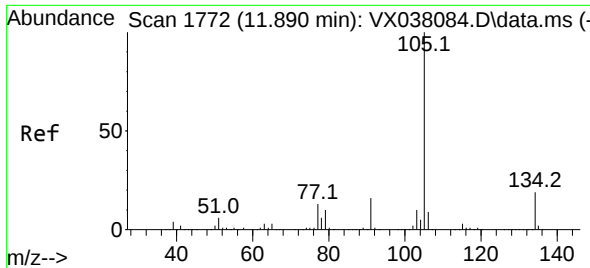
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023



#84
 1,2,4-Trimethylbenzene
 Concen: 148.960 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX038225.D
 Acq: 11 Oct 2023 13:36

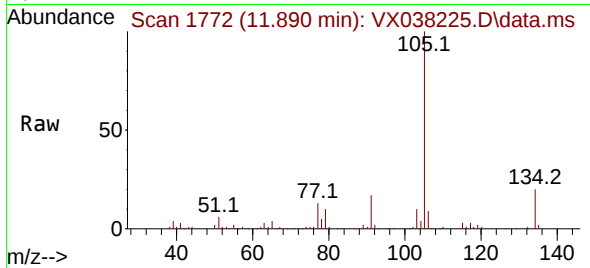
Tgt Ion:105 Resp: 1004969
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 3.240 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038225.D
 Acq: 11 Oct 2023 13:36

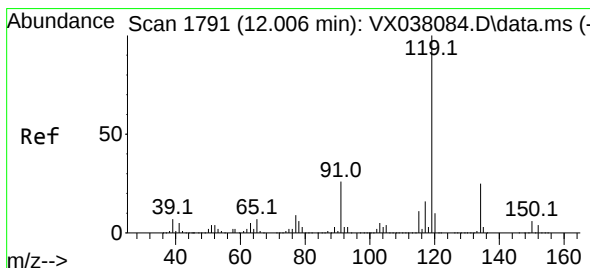
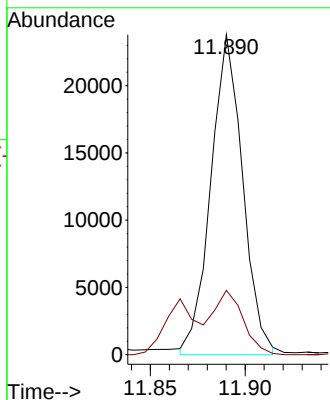
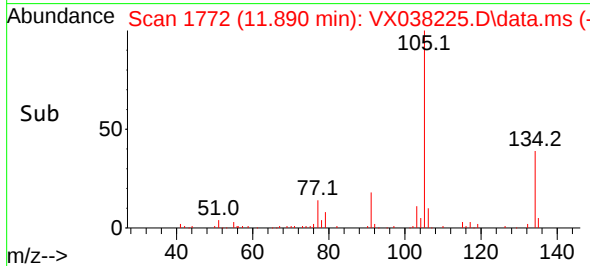
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3



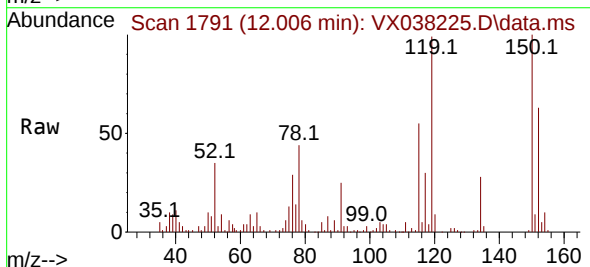
Tgt Ion:105 Resp: 2775
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4

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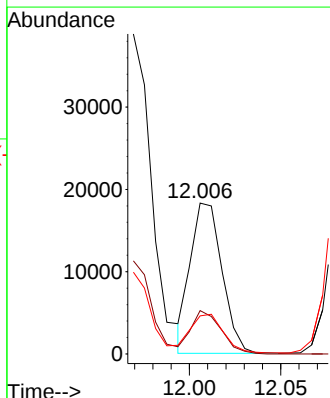
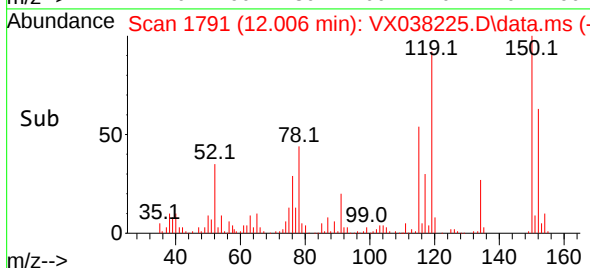
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023

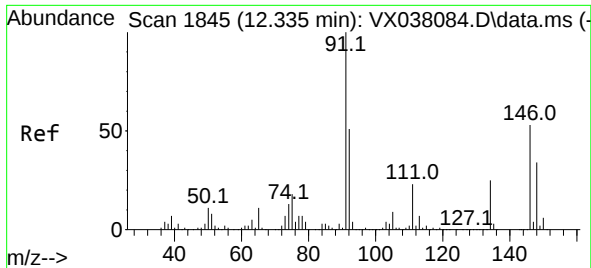


#86
 p-Isopropyltoluene
 Concen: 3.109 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038225.D
 Acq: 11 Oct 2023 13:36



Tgt Ion:119 Resp: 21969
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.8 38.3
 91 27.9 13.1 39.3





#89

n-Butylbenzene

Concen: 8.736 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038225.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tgt Ion: 91 Resp: 6147

Ion Ratio Lower Upper

91 100

92 34.1 27.4 82.0

134 100.0 12.6 37.8

Manual Integrations

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Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023

