

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036240.D
 Acq On : 20 Jun 2023 14:07
 Operator : JC/MD
 Sample : 03291-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6A

Quant Time: Jun 21 08:37:40 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	167368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	299948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	154528	50.523	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.040%			
35) Dibromofluoromethane	5.385	113	96782	47.582	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.160%			
50) Toluene-d8	8.665	98	380054	51.081	ug/l	0.02
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.160%			
62) 4-Bromofluorobenzene	11.079	95	142750	47.531	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.060%			
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	40589	31.942	ug/l	99
25) 2-Butanone	4.574	43	17371	9.765	ug/l	95
31) Cyclohexane	5.477	56	460908	140.472	ug/l	97
39) Methylcyclohexane	7.385	83	154211	47.790	ug/l	95
40) Benzene	6.056	78	16964851	2013.480	ug/l #	88
52) Toluene	8.750	92	39135569m	7418.782	ug/l	
67) Ethyl Benzene	10.201	91	10029109	971.121	ug/l #	80
68) m/p-Xylenes	10.317	106	11227146	2881.439	ug/l #	66
69) o-Xylene	10.653	106	4913521	1278.164	ug/l	82
73) Isopropylbenzene	10.963	105	295154	30.169	ug/l	100
78) n-propylbenzene	11.305	91	951656	82.687	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	1375222	165.078	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	5069495	610.085	ug/l	92
86) p-Isopropyltoluene	12.012	119	14169m	1.708	ug/l	

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

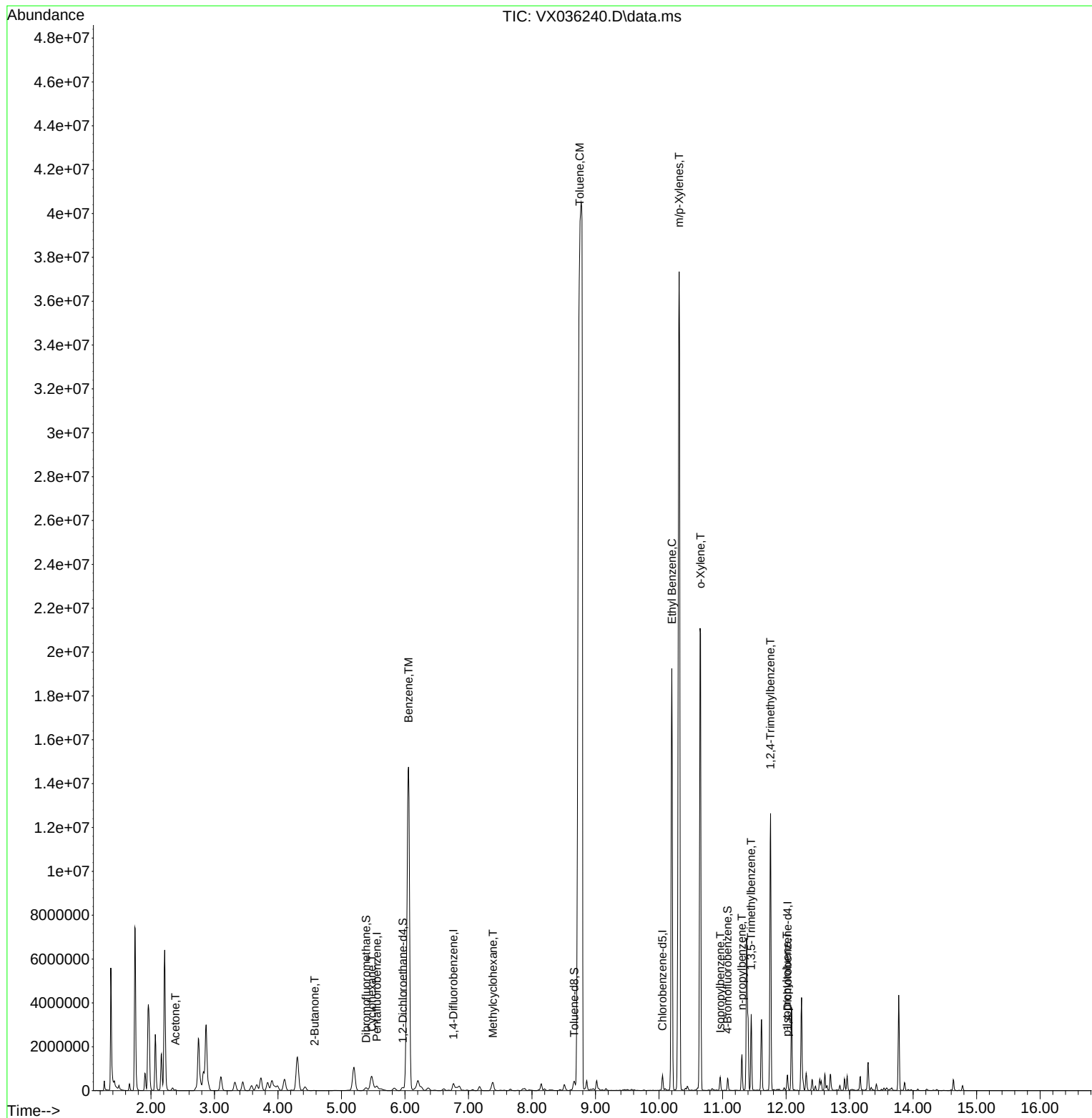
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
Data File : VX036240.D
Acq On : 20 Jun 2023 14:07
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ALS Vial : 14 Sample Multiplier: 1

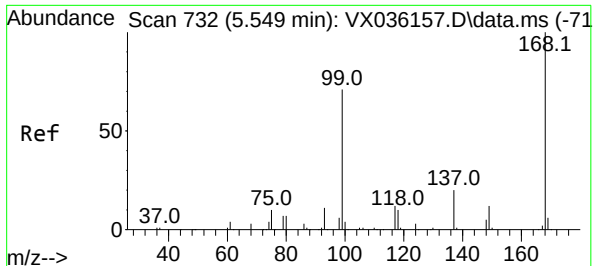
Instrument :
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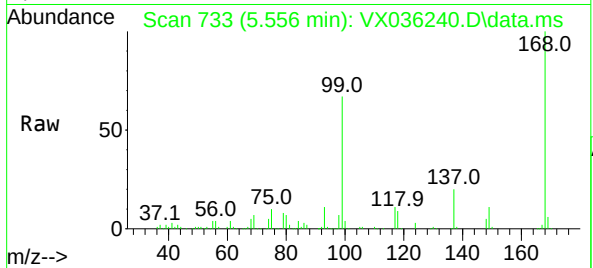
Quant Time: Jun 21 08:37:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07

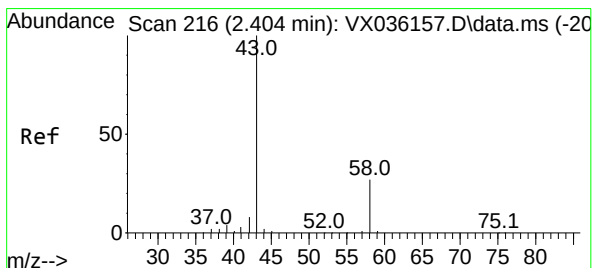
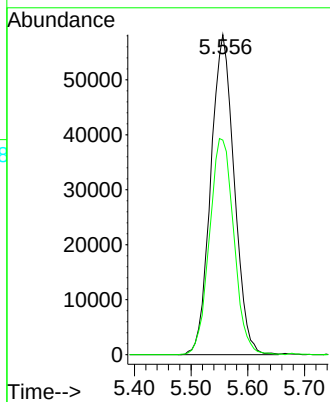
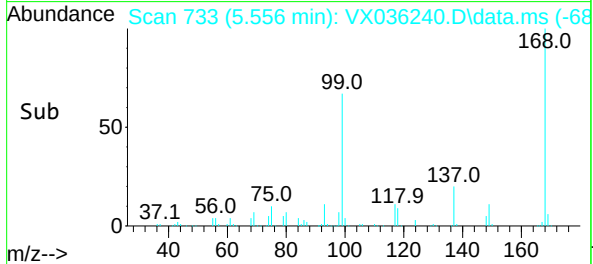
Instrument :
MSVOA_X
Client Sample Id :
MW-6A



Tgt Ion:168 Resp: 167368
Ion Ratio Lower Upper
168 100
99 67.1 56.6 85.0

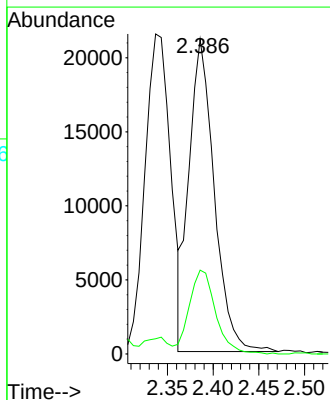
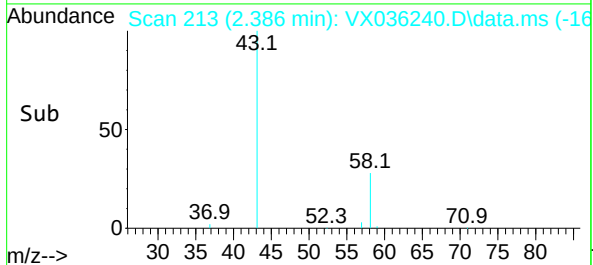
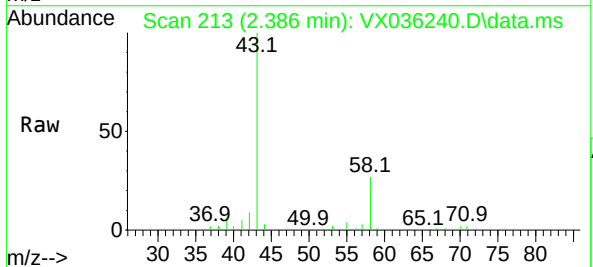
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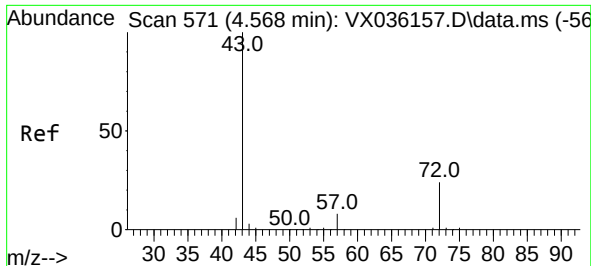
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#16
Acetone
Concen: 31.942 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07

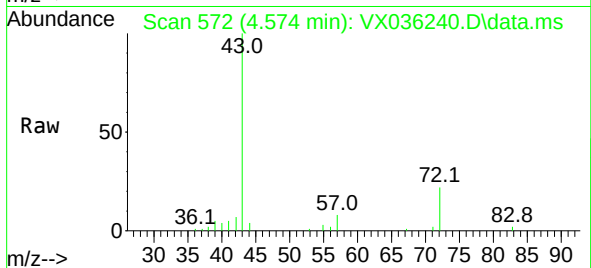
Tgt Ion: 43 Resp: 40589
Ion Ratio Lower Upper
43 100
58 26.9 21.9 32.9





#25
2-Butanone
Concen: 9.765 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07

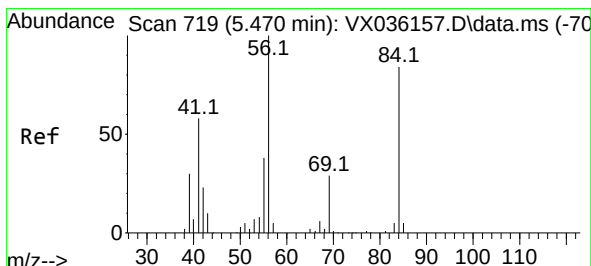
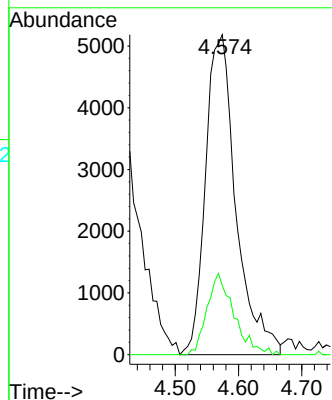
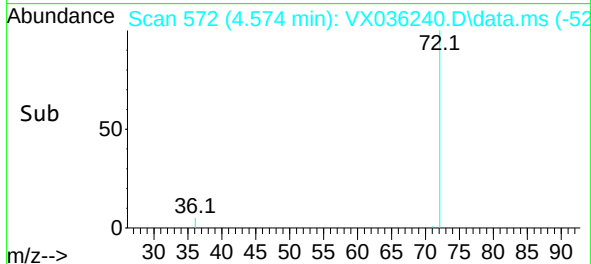
Instrument :
MSVOA_X
ClientSampleId :
MW-6A



Tgt Ion: 43 Resp: 1737
Ion Ratio Lower Upper
43 100
72 21.6 19.4 29.2

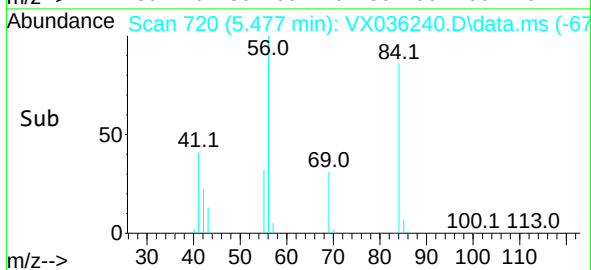
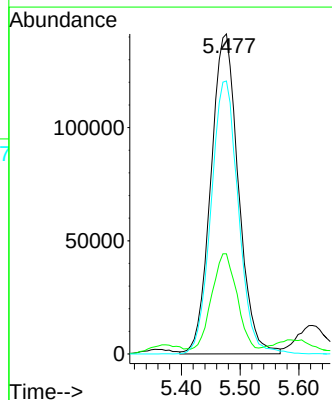
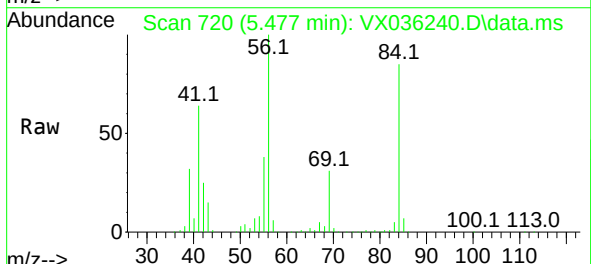
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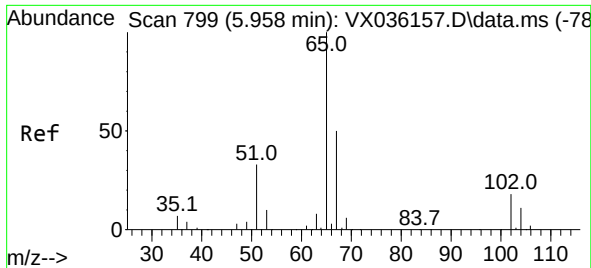
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#31
Cyclohexane
Concen: 140.472 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.007 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07

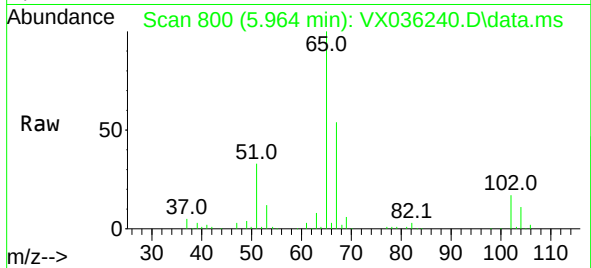
Tgt Ion: 56 Resp: 460908
Ion Ratio Lower Upper
56 100
69 29.3 23.4 35.2
84 85.8 65.9 98.9





#33
1,2-Dichloroethane-d4
Concen: 50.523 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07

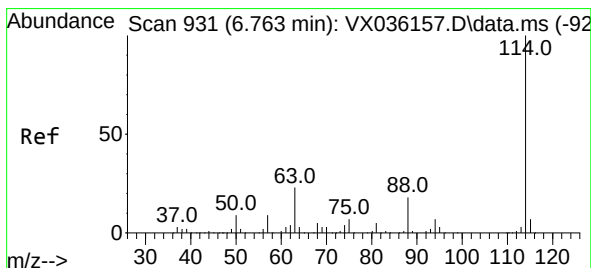
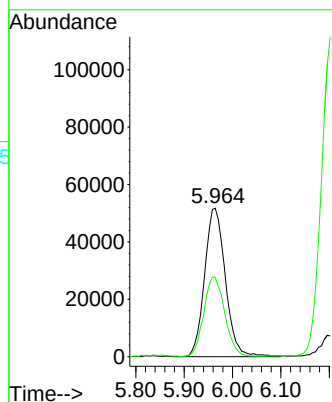
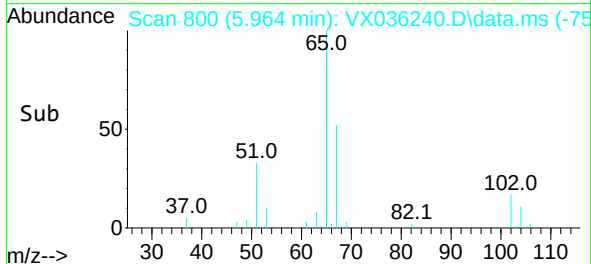
Instrument :
MSVOA_X
ClientSampleId :
MW-6A



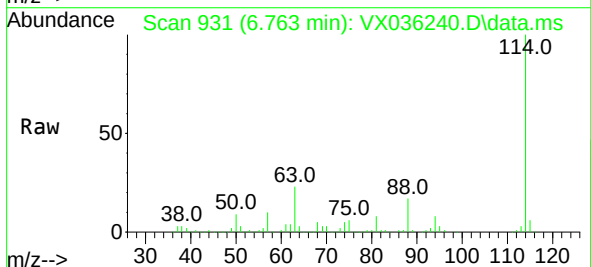
Tgt Ion: 65 Resp: 154528
Ion Ratio Lower Upper
65 100
67 53.9 0.0 100.2

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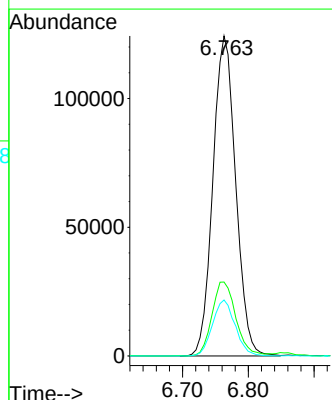
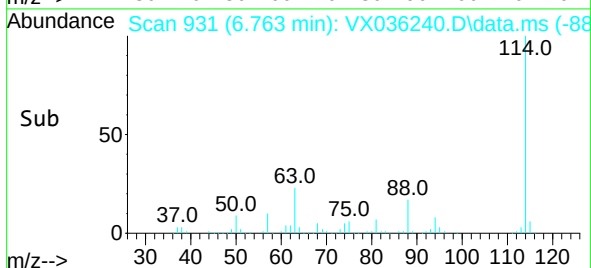
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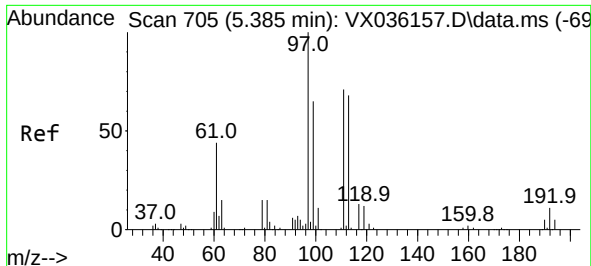


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07



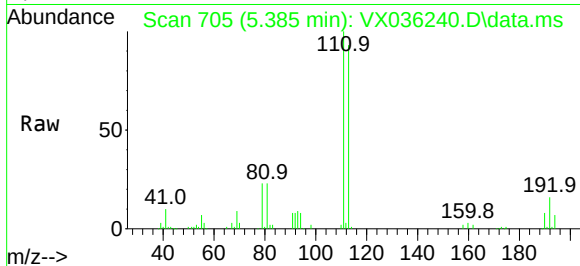
Tgt Ion:114 Resp: 299948
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 17.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.582 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07

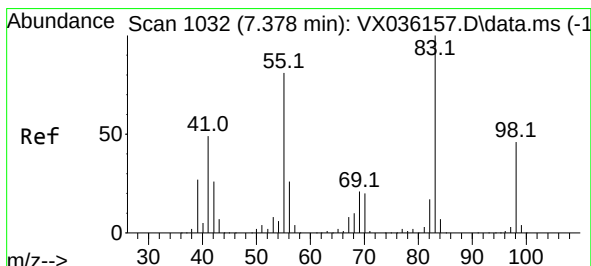
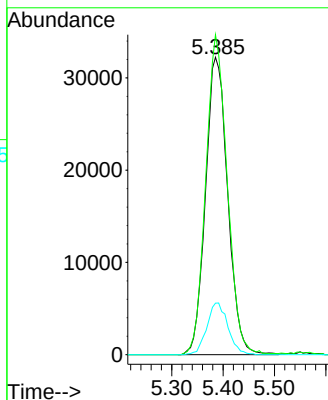
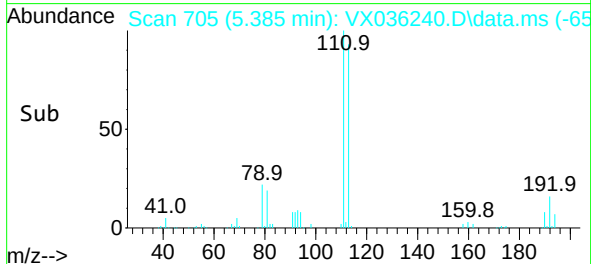
Instrument :
MSVOA_X
ClientSampleId :
MW-6A



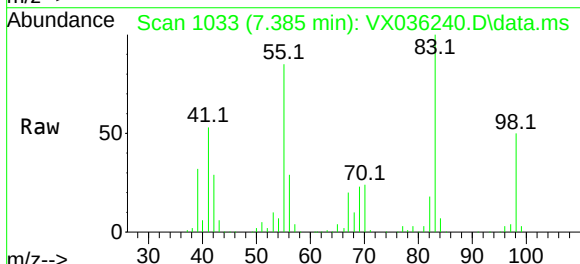
Tgt Ion: 113 Resp: 96782
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 16.5 13.3 19.9

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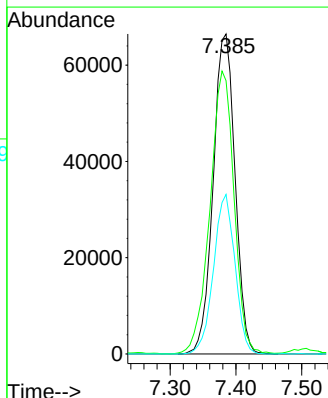
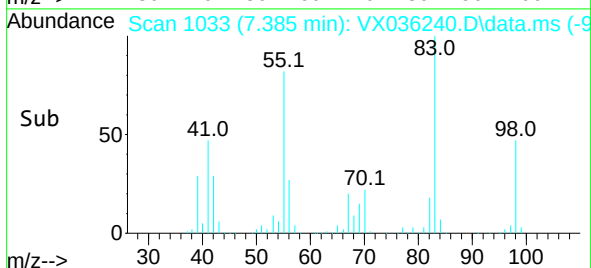
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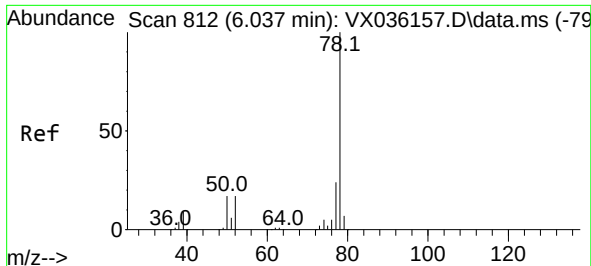


#39
Methylcyclohexane
Concen: 47.790 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07



Tgt Ion: 83 Resp: 154211
Ion Ratio Lower Upper
83 100
55 85.1 64.6 97.0
98 49.8 36.7 55.1





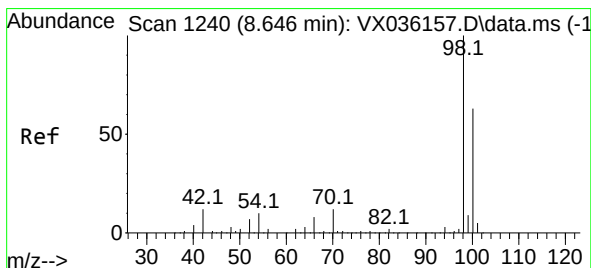
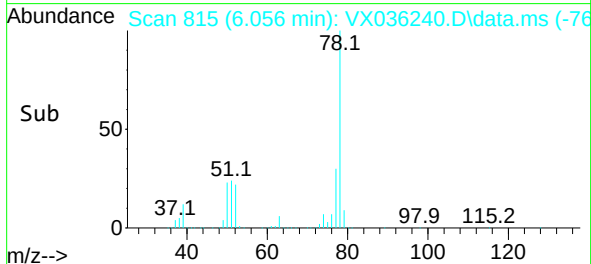
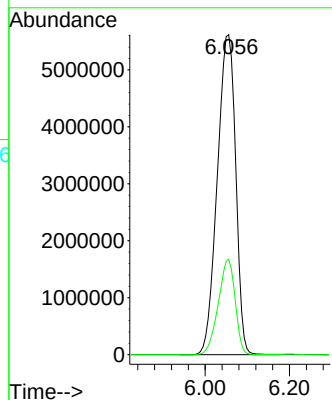
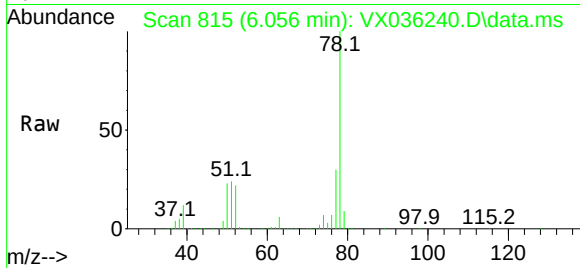
#40
Benzene
Concen: 2013.480 ug/l
RT: 6.056 min Scan# 812
Delta R.T. 0.019 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :
MW-6A

Tgt Ion: 78 Resp:1696485
Ion Ratio Lower Upper
78 100
77 29.9 19.3 28.9

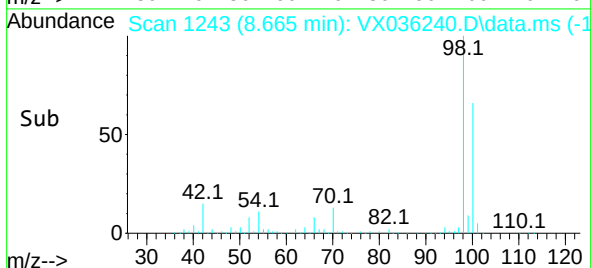
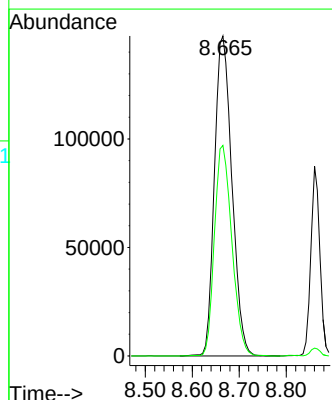
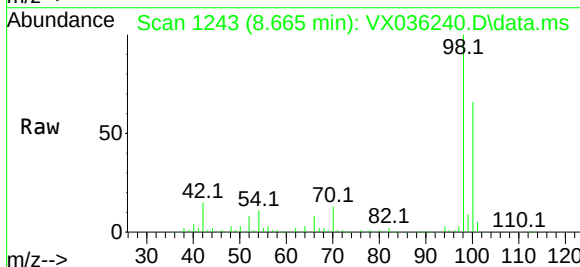
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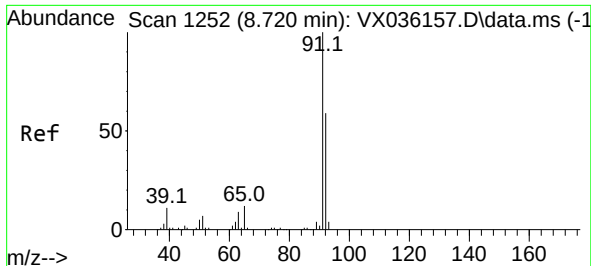
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#50
Toluene-d8
Concen: 51.081 ug/l
RT: 8.665 min Scan# 1243
Delta R.T. 0.019 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07

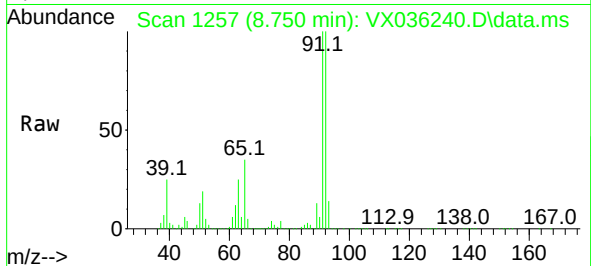
Tgt Ion: 98 Resp: 380054
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7





#52
Toluene
Concen: 7418.782 ug/l m
RT: 8.750 min Scan# 1252
Delta R.T. 0.030 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07

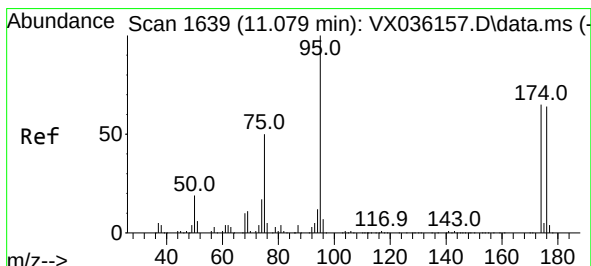
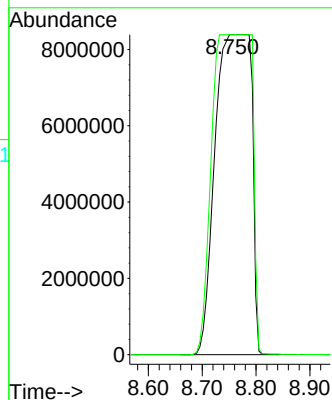
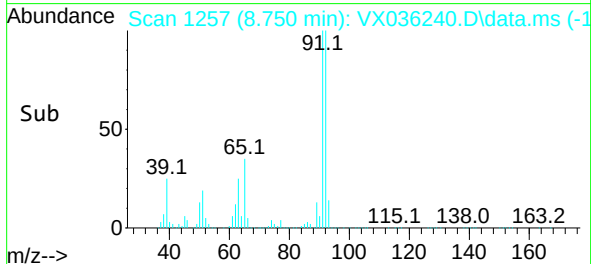
Instrument :
MSVOA_X
ClientSampleId :
MW-6A



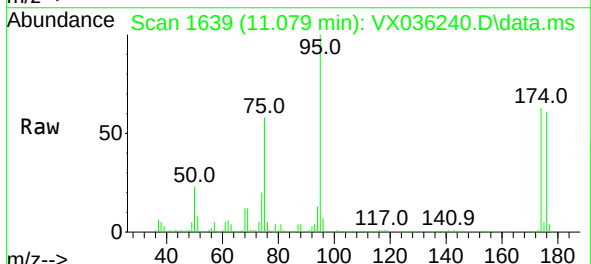
Tgt Ion: 92 Resp: 3913556
Ion Ratio Lower Upper
92 100
91 0.0 134.2 201.2

Manual Integrations
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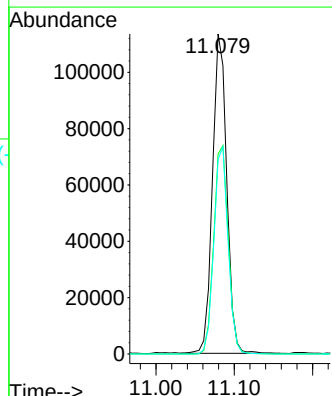
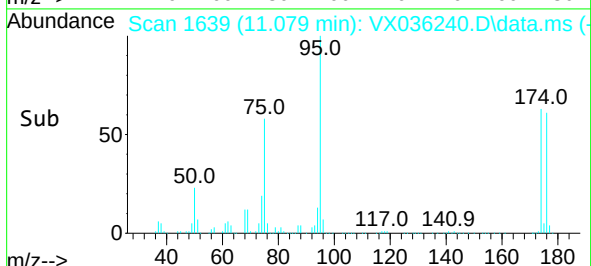
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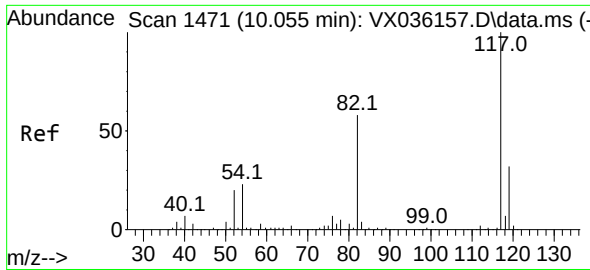


#62
4-Bromofluorobenzene
Concen: 47.531 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07



Tgt Ion: 95 Resp: 142750
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.6
176 64.7 0.0 131.0





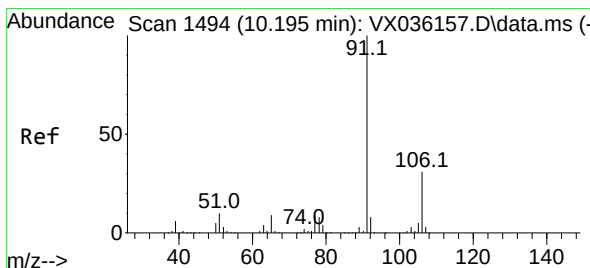
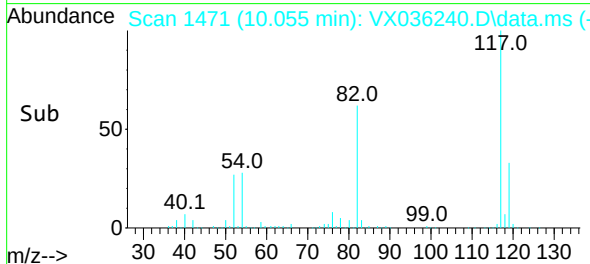
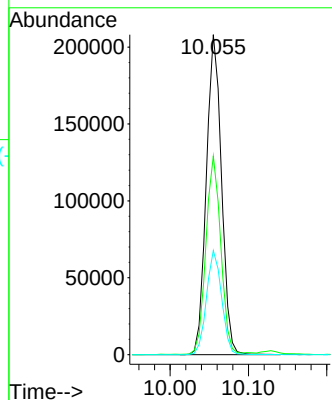
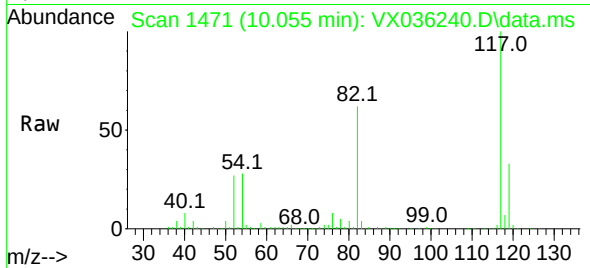
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :
MW-6A

Tgt Ion:117 Resp: 279063
Ion Ratio Lower Upper
117 100
82 61.9 46.2 69.4
119 32.5 25.5 38.3

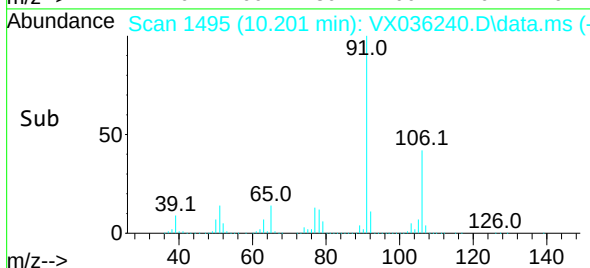
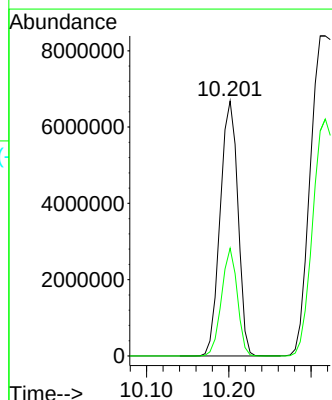
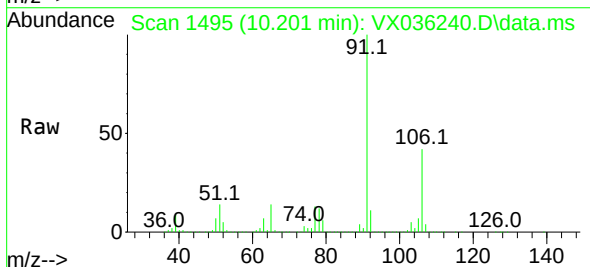
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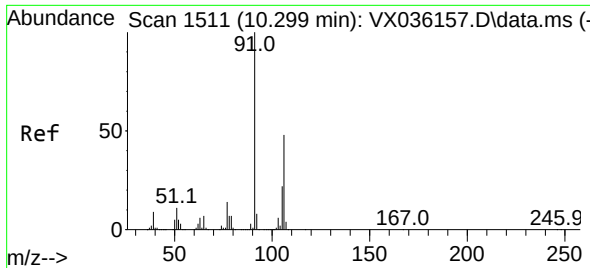
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#67
Ethyl Benzene
Concen: 971.121 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07

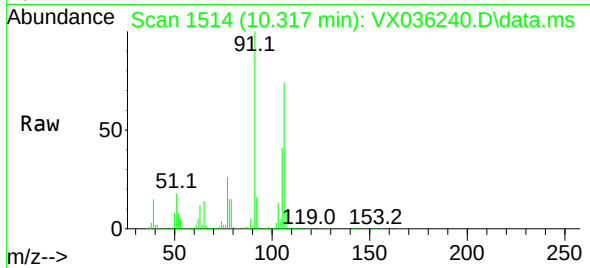
Tgt Ion: 91 Resp:10029109
Ion Ratio Lower Upper
91 100
106 42.2 24.9 37.3#





#68
m/p-Xylenes
Concen: 2881.439 ug/l
RT: 10.317 min Scan# 1511
Delta R.T. 0.018 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07

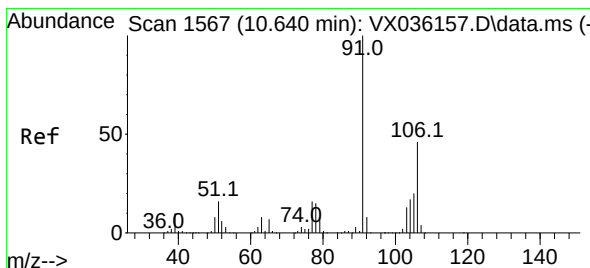
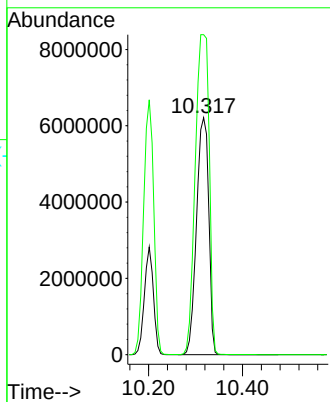
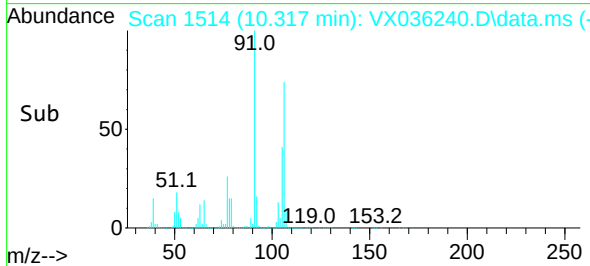
Instrument :
MSVOA_X
ClientSampleId :
MW-6A



Tgt Ion:106 Resp:11227140
Ion Ratio Lower Upper
106 100
91 154.7 165.5 248.3

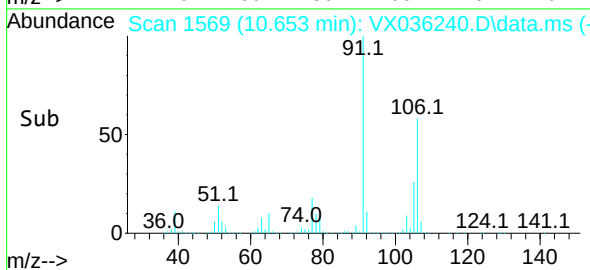
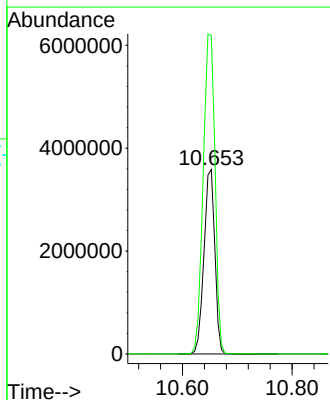
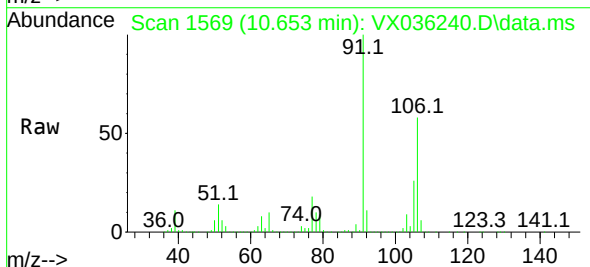
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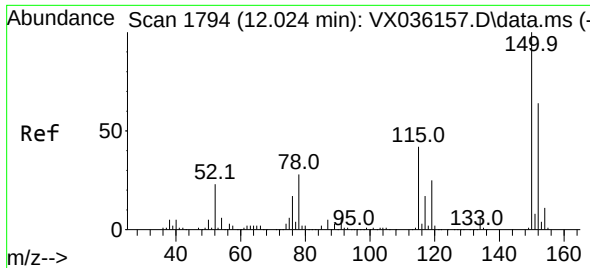
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#69
o-Xylene
Concen: 1278.164 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.013 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07

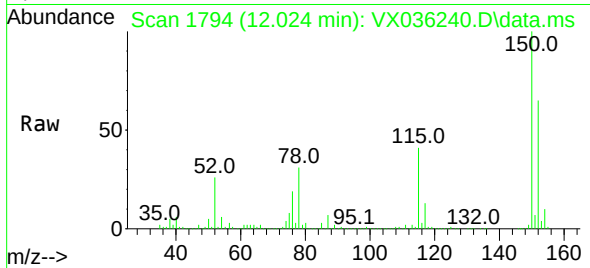
Tgt Ion:106 Resp: 4913521
Ion Ratio Lower Upper
106 100
91 189.1 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07

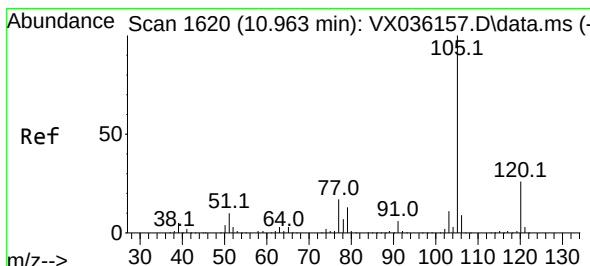
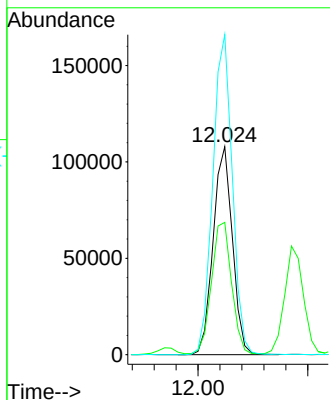
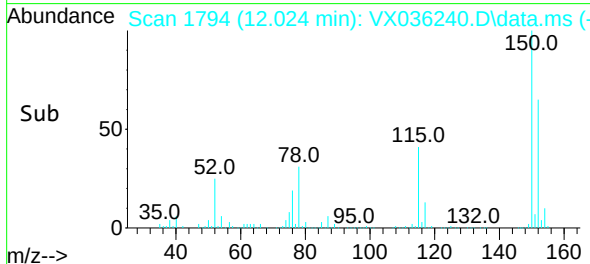
Instrument :
MSVOA_X
ClientSampleId :
MW-6A



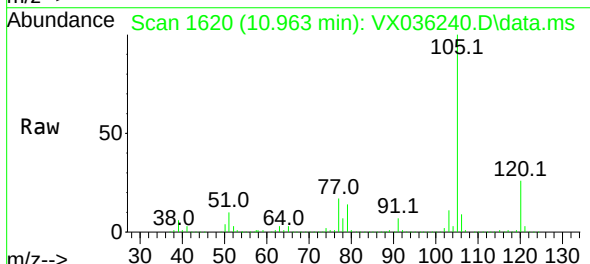
Tgt Ion:152 Resp: 131849
Ion Ratio Lower Upper
152 100
115 65.4 43.3 129.9
150 155.3 0.0 345.0

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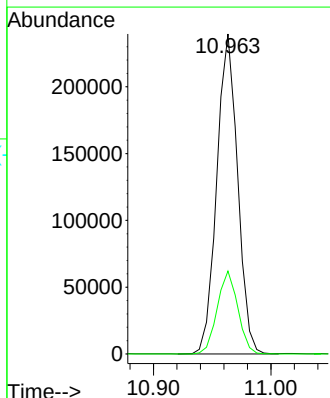
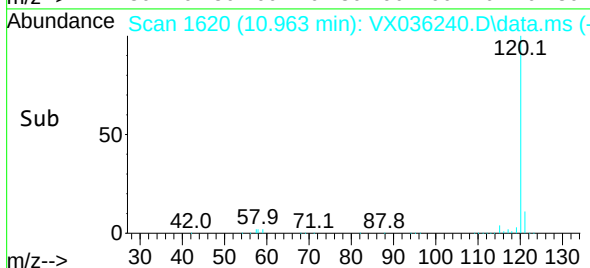
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

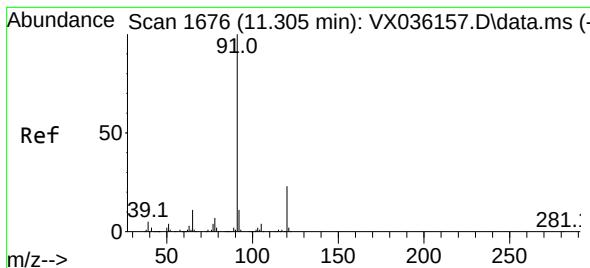


#73
Isopropylbenzene
Concen: 30.169 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07



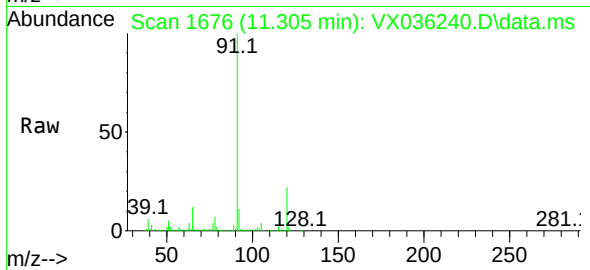
Tgt Ion:105 Resp: 295154
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6





#78
n-propylbenzene
Concen: 82.687 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07

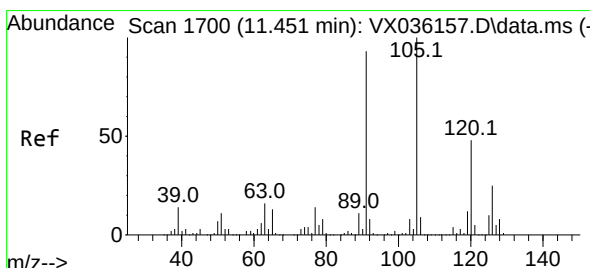
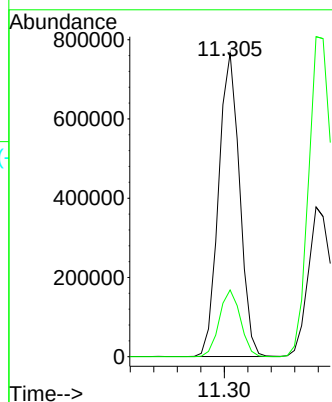
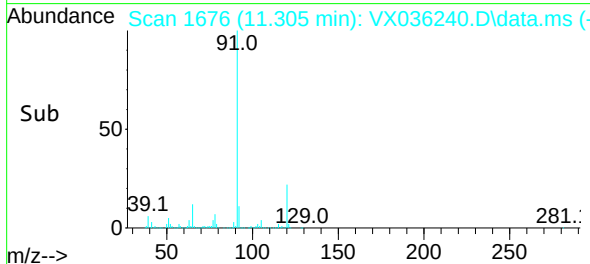
Instrument :
MSVOA_X
ClientSampleId :
MW-6A



Tgt Ion: 91 Resp: 951650
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4

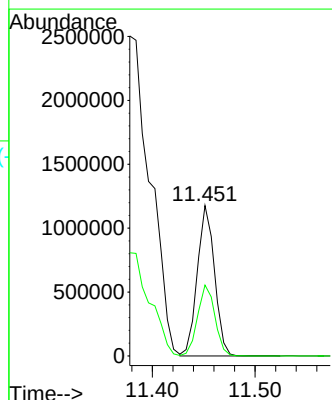
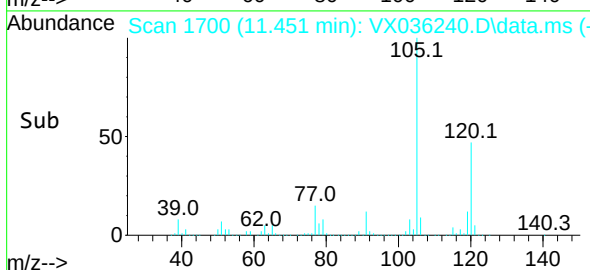
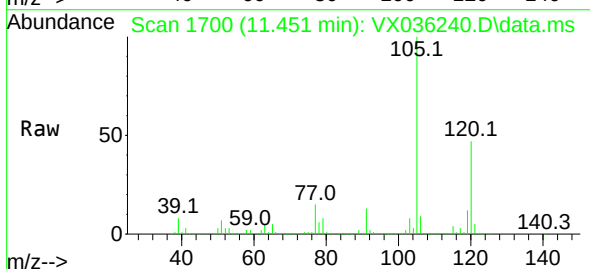
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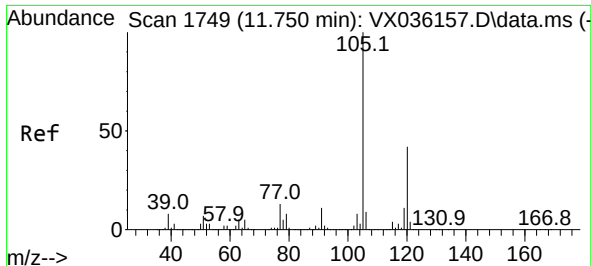
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 165.078 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07

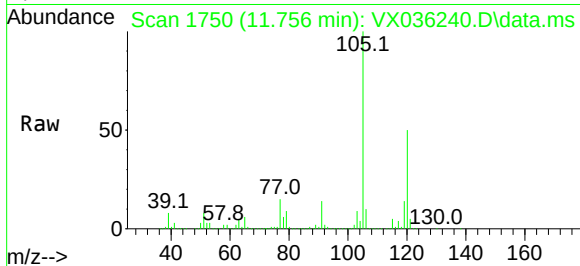
Tgt Ion:105 Resp: 1375222
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 610.085 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07

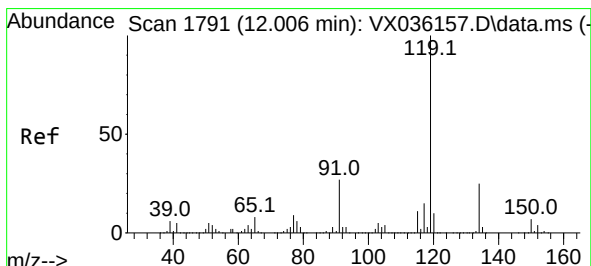
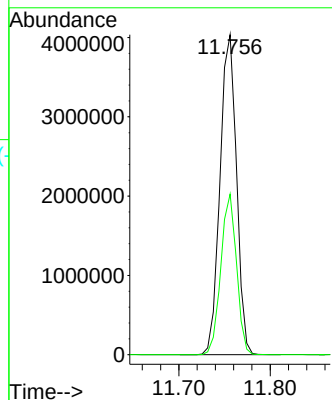
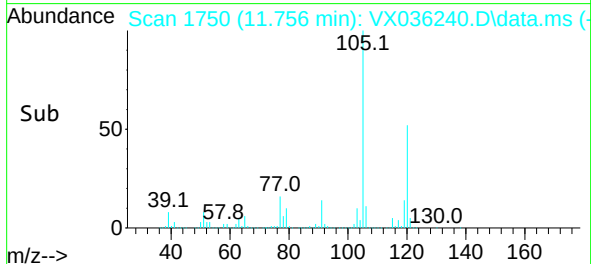
Instrument :
MSVOA_X
ClientSampleId :
MW-6A



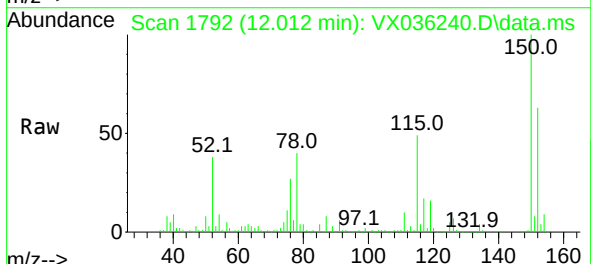
Tgt Ion:105 Resp: 506949
Ion Ratio Lower Upper
105 100
120 47.7 21.2 63.6

Manual Integrations
APPROVED

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



#86
p-Isopropyltoluene
Concen: 1.708 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX036240.D
Acq: 20 Jun 2023 14:07



Tgt Ion:119 Resp: 14169
Ion Ratio Lower Upper
119 100
134 95.1 12.8 38.3#
91 0.0 13.1 39.3#

