

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036243.D
 Acq On : 20 Jun 2023 15:17
 Operator : JC/MD
 Sample : 03339-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 08:31:13 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	129735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241823	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111313	46.951	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.900%		
35) Dibromofluoromethane	5.385	113	74718	45.564	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.120%		
50) Toluene-d8	8.647	98	285471	47.591	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.180%		
62) 4-Bromofluorobenzene	11.079	95	107088	44.227	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.460%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	2341	2.377	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	8170	1.490	ug/l #	1
31) Cyclohexane	5.471	56	7229	2.842	ug/l #	84
39) Methylcyclohexane	7.379	83	7356m	2.828	ug/l	
40) Benzene	6.037	78	52078	7.667	ug/l	97
52) Toluene	8.720	92	17154	4.033	ug/l	97
67) Ethyl Benzene	10.195	91	6629	0.821	ug/l	96
68) m/p-Xylenes	10.299	106	7173	2.355	ug/l	89
69) o-Xylene	10.646	106	2210	0.735	ug/l	88
73) Isopropylbenzene	10.963	105	183817	24.305	ug/l	99
78) n-propylbenzene	11.305	91	418242	47.010	ug/l	98
83) tert-Butylbenzene	11.713	119	3095	0.506	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	3837	0.597	ug/l	98
85) sec-Butylbenzene	11.890	105	31134	4.084	ug/l	96
89) n-Butylbenzene	12.329	91	9278m	1.621	ug/l	
95) Naphthalene	13.774	128	300122	46.281	ug/l	100

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

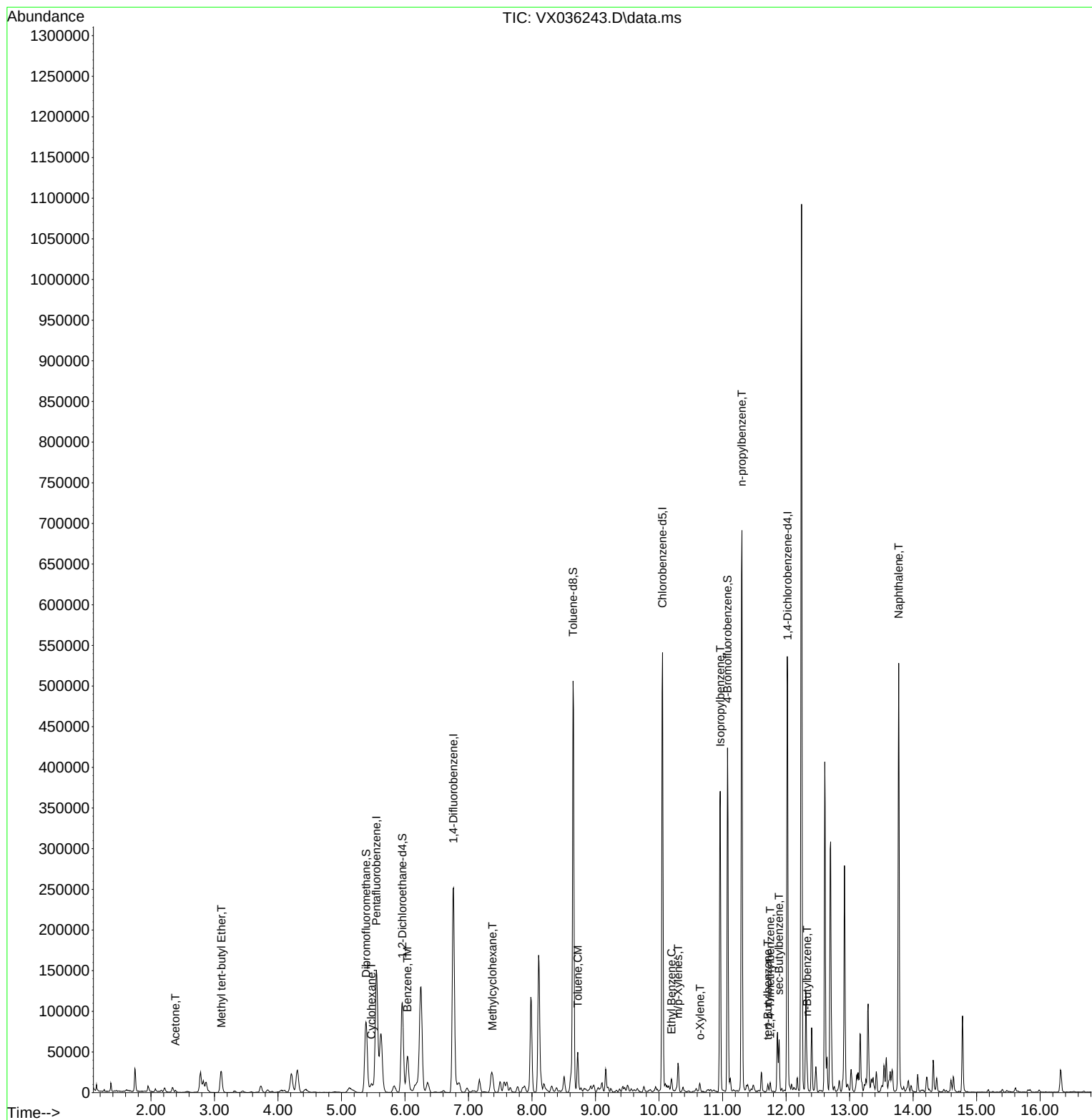
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
Data File : VX036243.D
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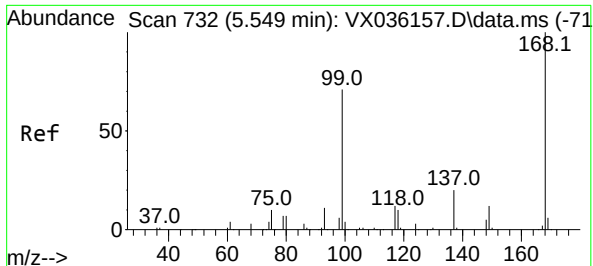
Instrument :
MSVOA_X
ClientSampleId :
MW-06

Quant Time: Jun 21 08:31:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
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APPROVED

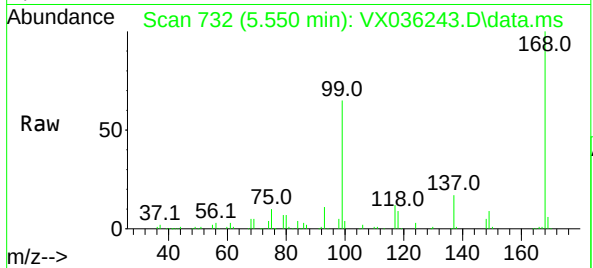
Reviewed By : John Carlone 06/22/2023
Supervised By : Mahesh Dadoda 06/22/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17

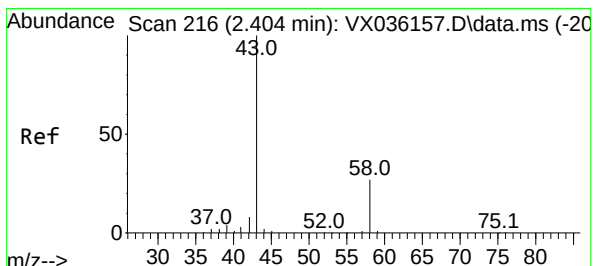
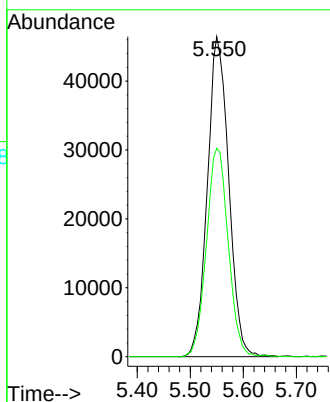
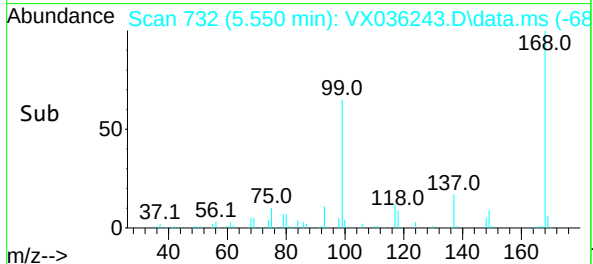
Instrument :
MSVOA_X
ClientSampleId :
MW-06



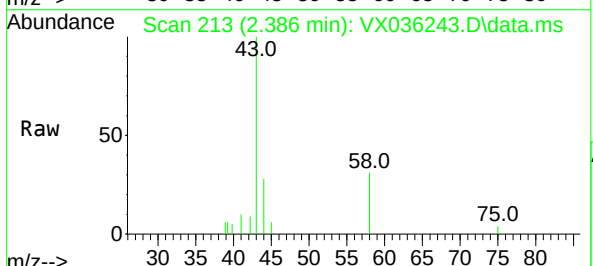
Tgt Ion:168 Resp: 12973
Ion Ratio Lower Upper
168 100
99 65.1 56.6 85.0

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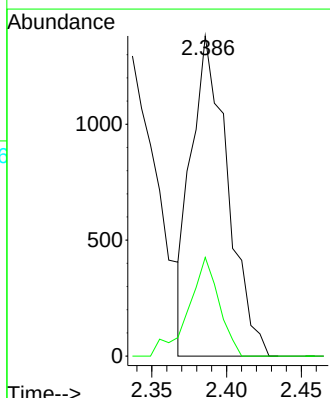
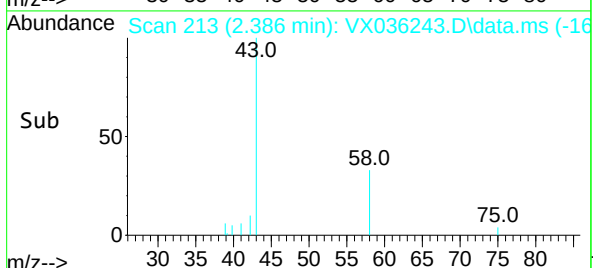
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

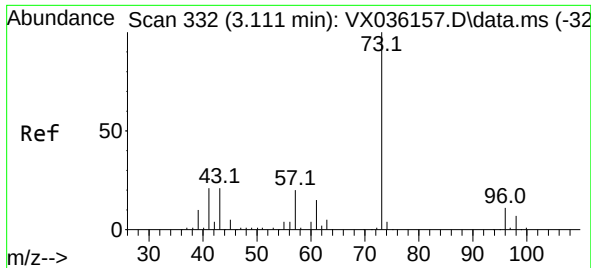


#16
Acetone
Concen: 2.377 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17



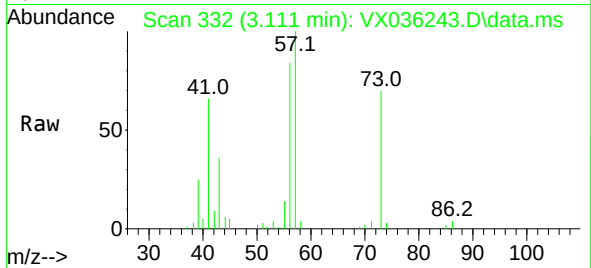
Tgt Ion: 43 Resp: 2341
Ion Ratio Lower Upper
43 100
58 30.8 21.9 32.9





#19
Methyl tert-butyl Ether
Concen: 1.490 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17

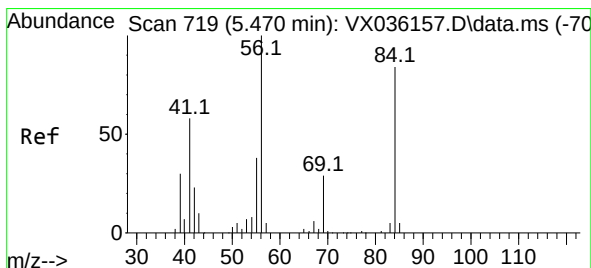
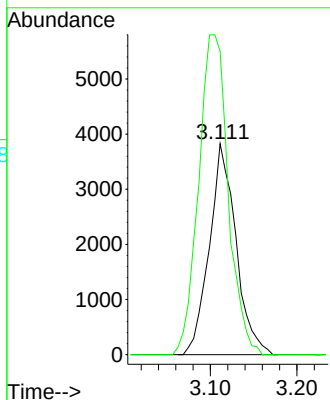
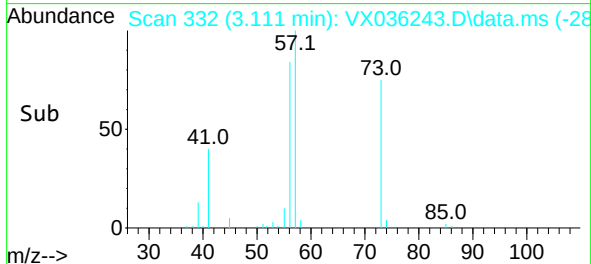
Instrument :
MSVOA_X
ClientSampleId :
MW-06



Tgt Ion: 73 Resp: 8170
Ion Ratio Lower Upper
73 100
57 143.7 17.3 25.9

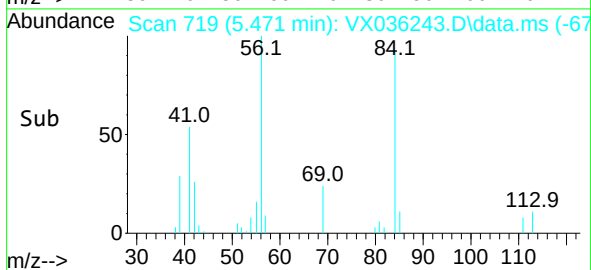
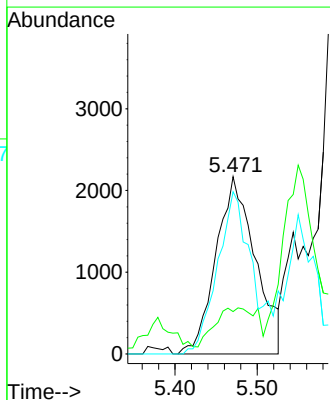
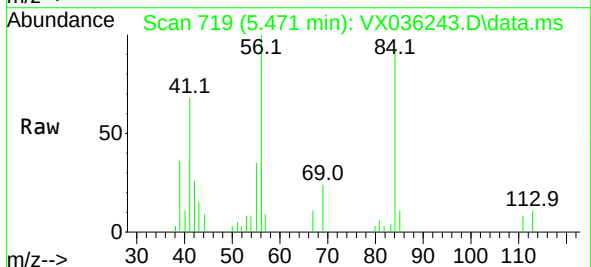
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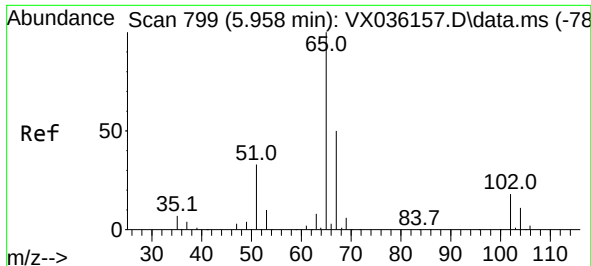
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#31
Cyclohexane
Concen: 2.842 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17

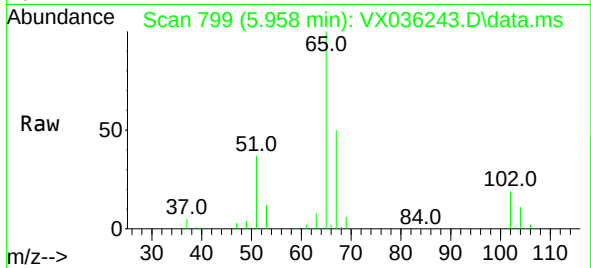
Tgt Ion: 56 Resp: 7229
Ion Ratio Lower Upper
56 100
69 12.0 23.4 35.2#
84 91.5 65.9 98.9





#33
1,2-Dichloroethane-d4
Concen: 46.951 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17

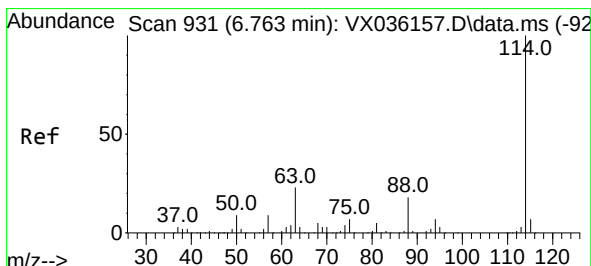
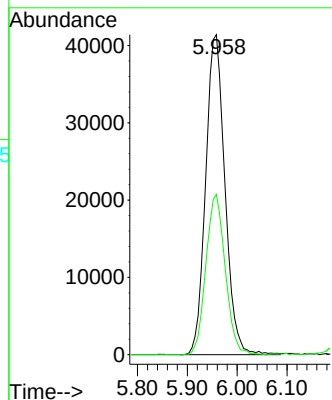
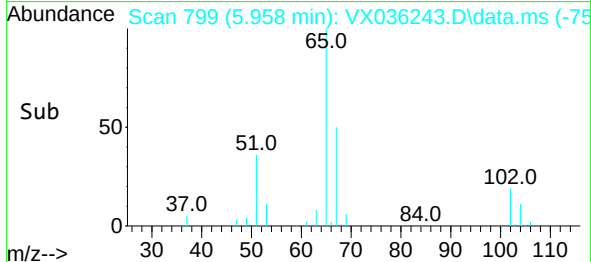
Instrument :
MSVOA_X
Client SampleId :
MW-06



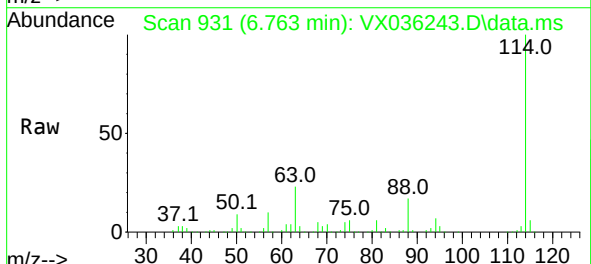
Tgt Ion: 65 Resp: 11131
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2

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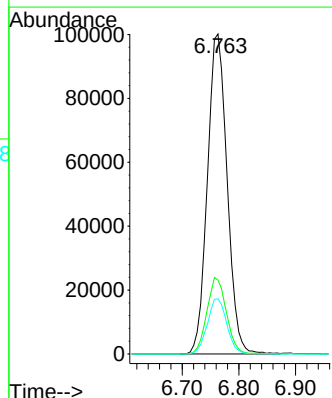
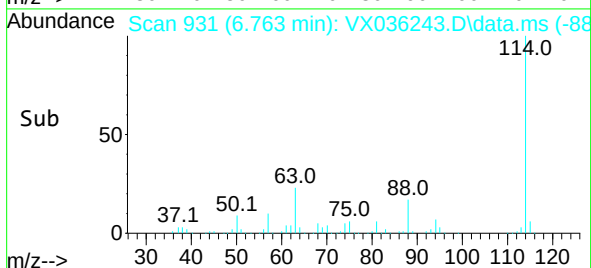
Reviewed By :John Carlone 06/22/2023
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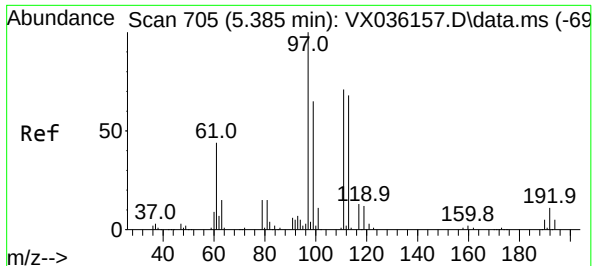


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17



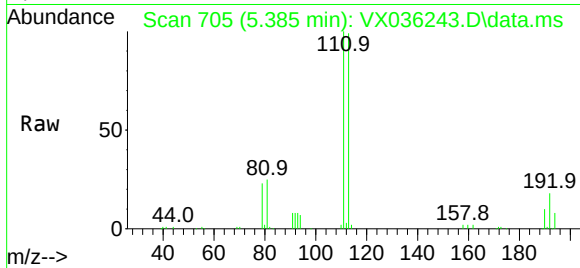
Tgt Ion:114 Resp: 241823
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.0
88 17.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 45.564 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17

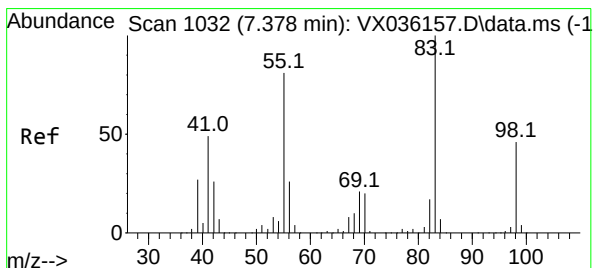
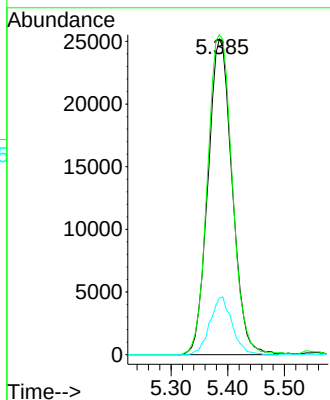
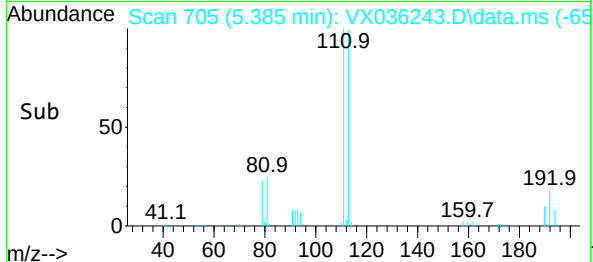
Instrument :
MSVOA_X
ClientSampleId :
MW-06



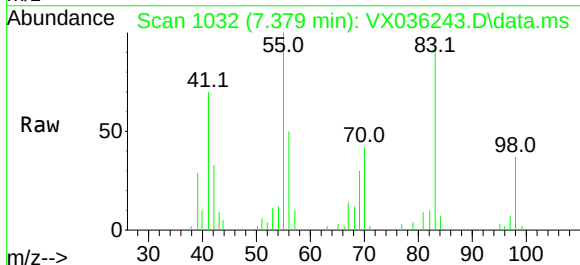
Tgt Ion: 113 Resp: 74718
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 16.8 13.3 19.9

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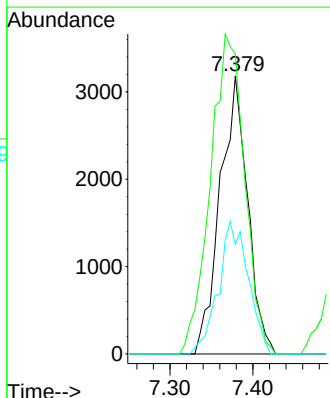
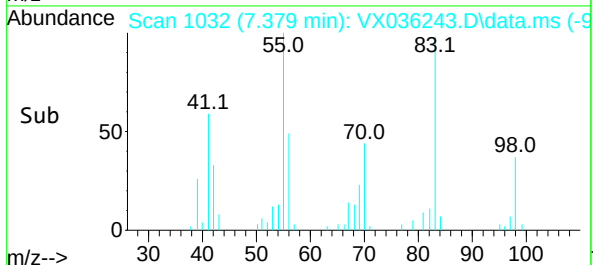
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

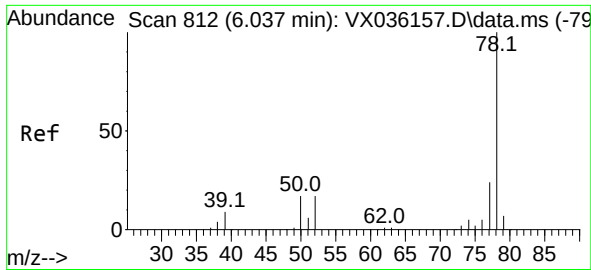


#39
Methylcyclohexane
Concen: 2.828 ug/l m
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17



Tgt Ion: 83 Resp: 7356
Ion Ratio Lower Upper
83 100
55 108.0 64.6 97.0#
98 39.5 36.7 55.1





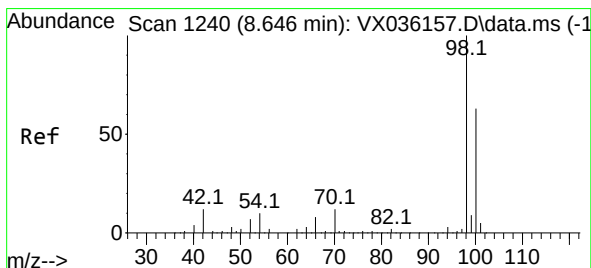
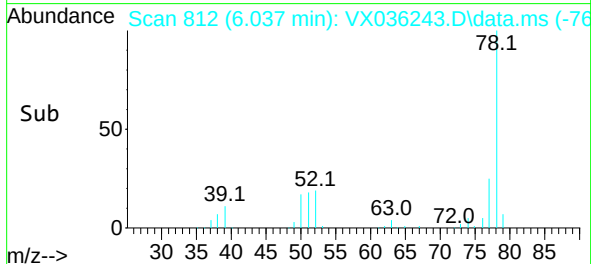
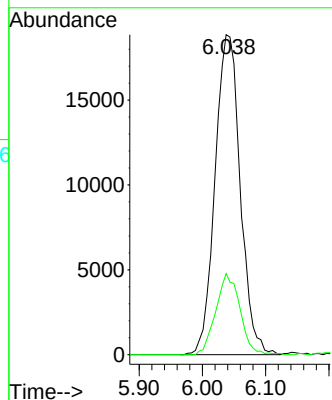
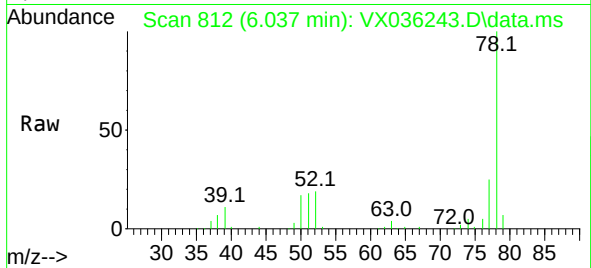
#40
Benzene
Concen: 7.667 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17

Instrument :
MSVOA_X
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Tgt Ion: 78 Resp: 52078
Ion Ratio Lower Upper
78 100
77 25.4 19.3 28.9

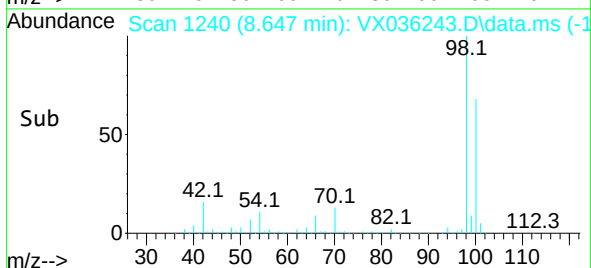
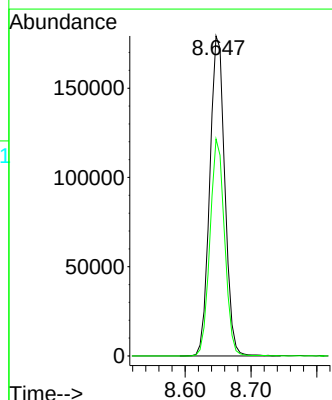
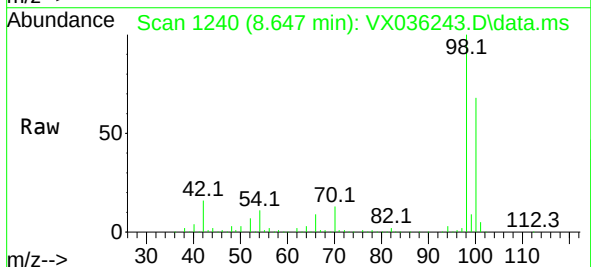
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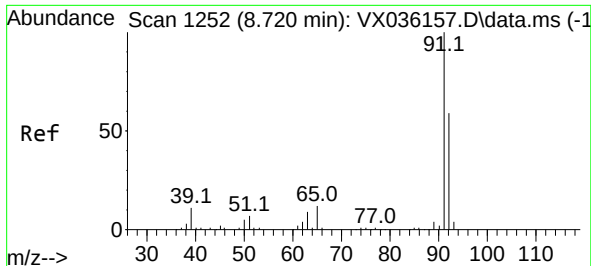
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#50
Toluene-d8
Concen: 47.591 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17

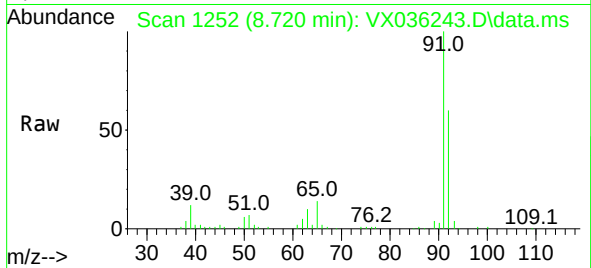
Tgt Ion: 98 Resp: 285471
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7





#52
Toluene
Concen: 4.033 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17

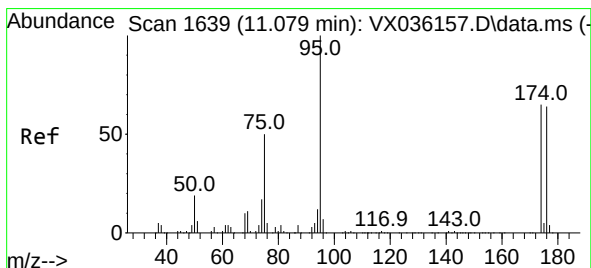
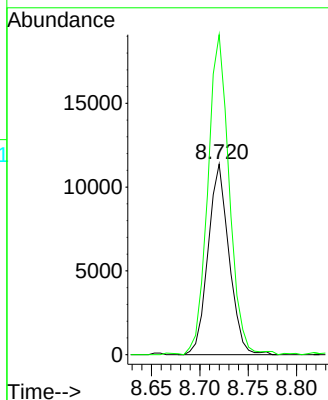
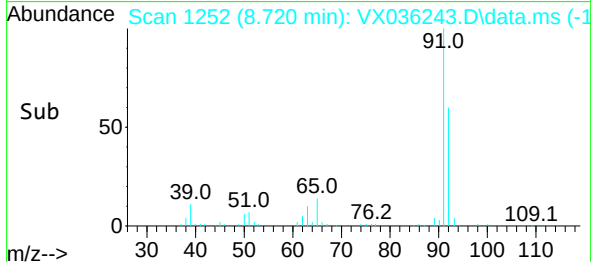
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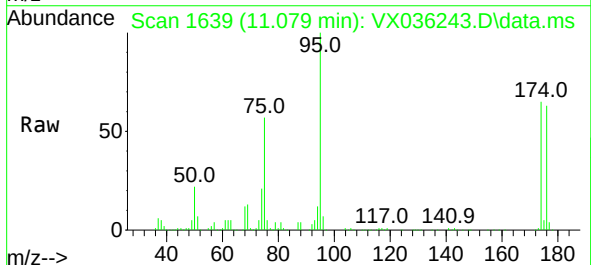
Tgt Ion: 92 Resp: 17154
Ion Ratio Lower Upper
92 100
91 172.2 134.2 201.2

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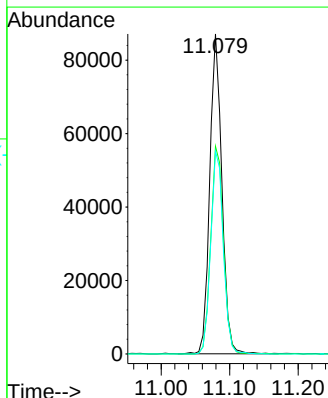
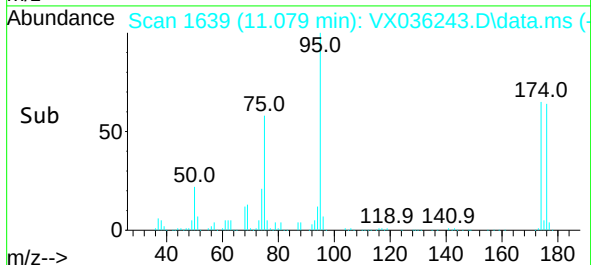
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

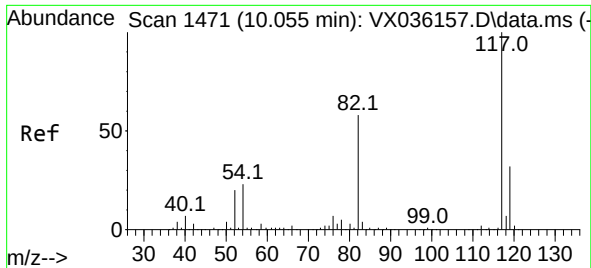


#62
4-Bromofluorobenzene
Concen: 44.227 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17



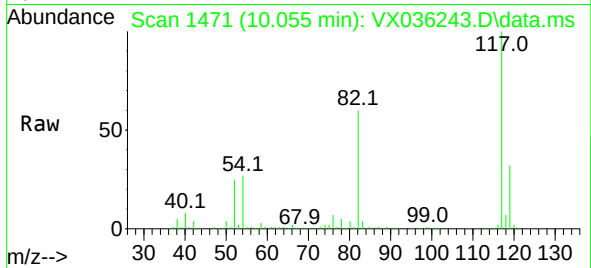
Tgt Ion: 95 Resp: 107088
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.6
176 65.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17

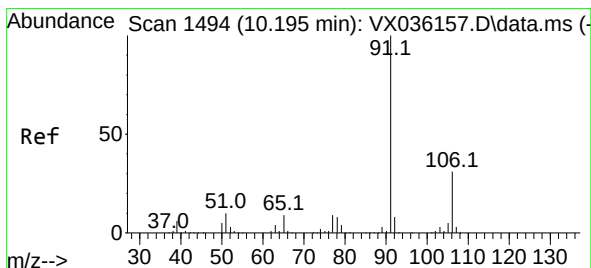
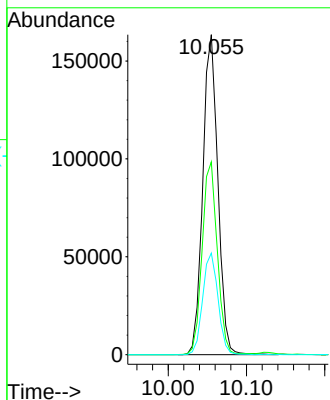
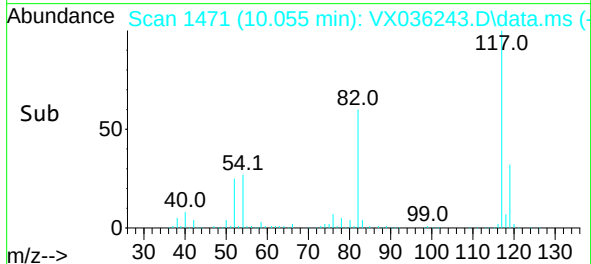
Instrument :
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ClientSampleId :
MW-06



Tgt Ion:117 Resp: 21818
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.4
119 31.8 25.5 38.3

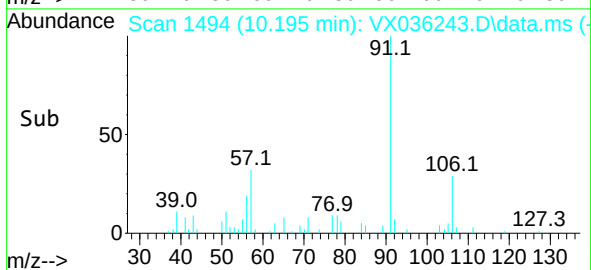
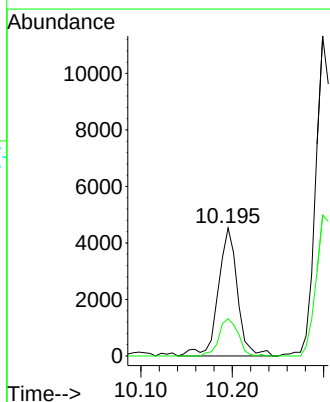
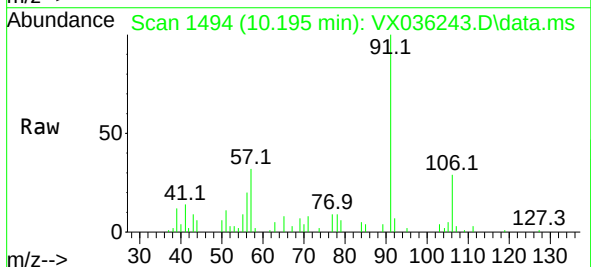
Manual Integrations
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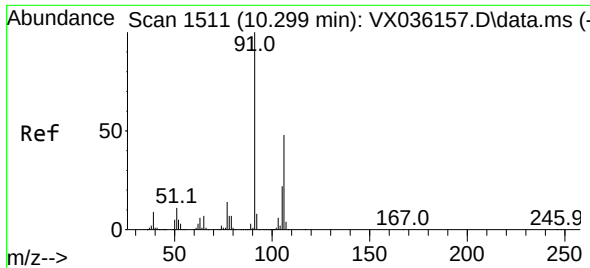
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#67
Ethyl Benzene
Concen: 0.821 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17

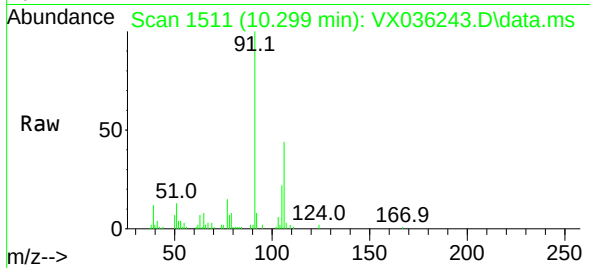
Tgt Ion: 91 Resp: 6629
Ion Ratio Lower Upper
91 100
106 29.1 24.9 37.3





#68
m/p-Xylenes
Concen: 2.355 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17

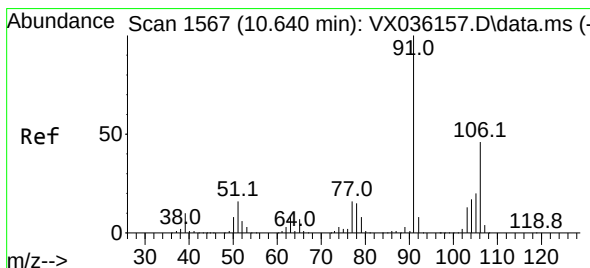
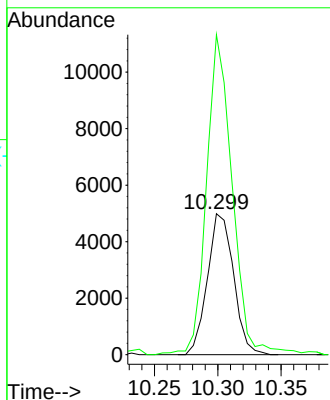
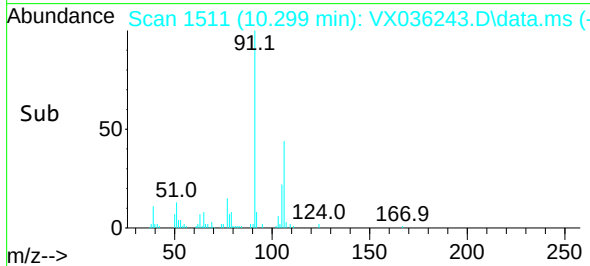
Instrument :
MSVOA_X
ClientSampleId :
MW-06



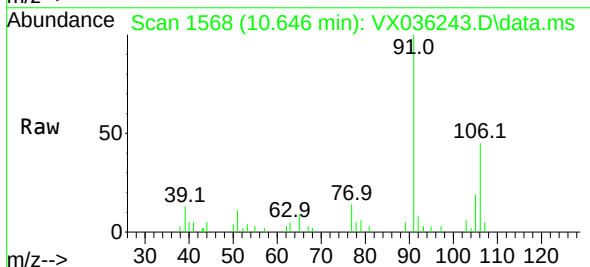
Tgt Ion:106 Resp: 717
Ion Ratio Lower Upper
106 100
91 223.9 165.5 248.3

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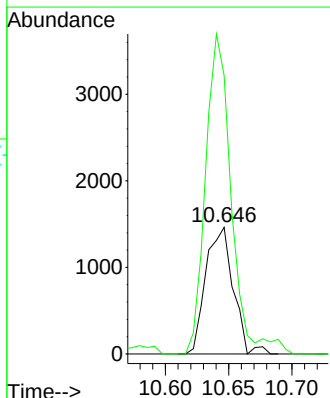
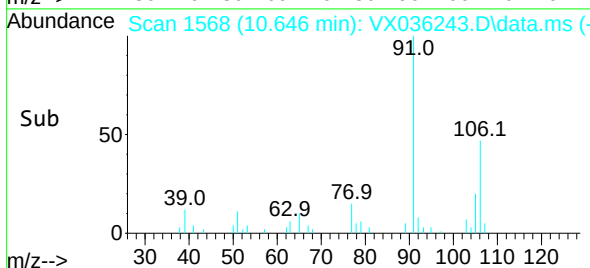
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

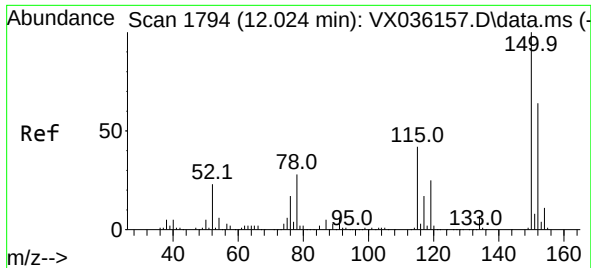


#69
o-Xylene
Concen: 0.735 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17



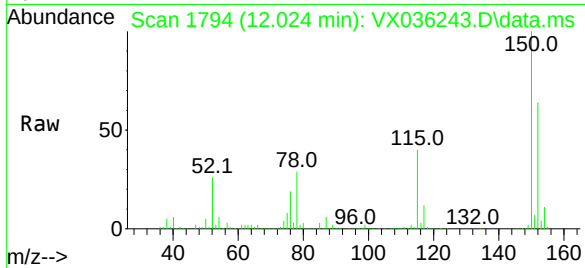
Tgt Ion:106 Resp: 2210
Ion Ratio Lower Upper
106 100
91 236.8 108.9 326.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX036243.D
 Acq: 20 Jun 2023 15:17

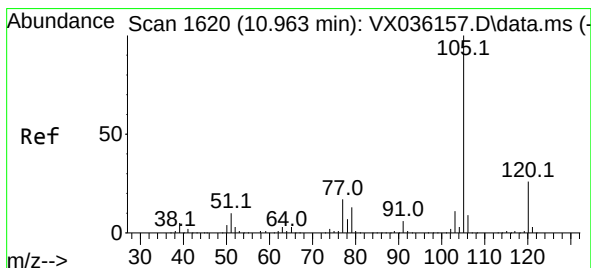
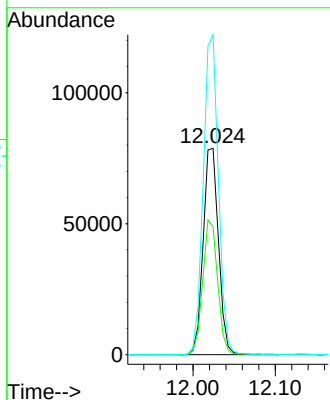
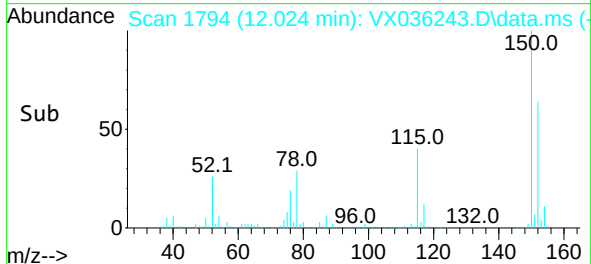
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06



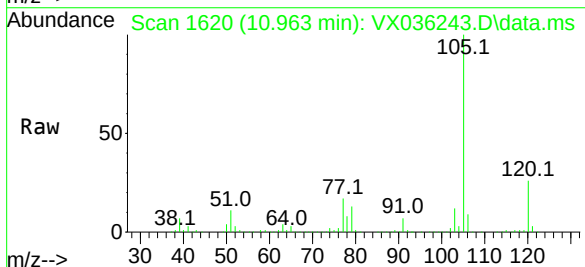
Tgt Ion:152 Resp: 101923
 Ion Ratio Lower Upper
 152 100
 115 63.8 43.3 129.9
 150 153.8 0.0 345.0

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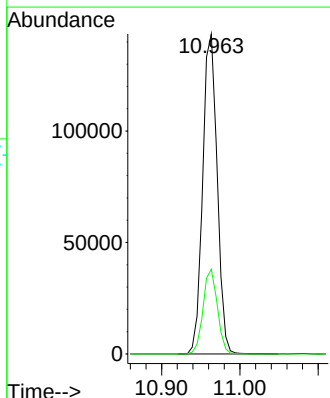
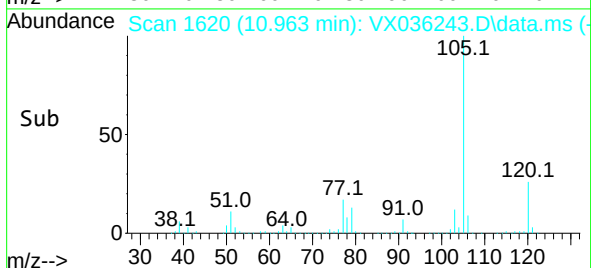
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

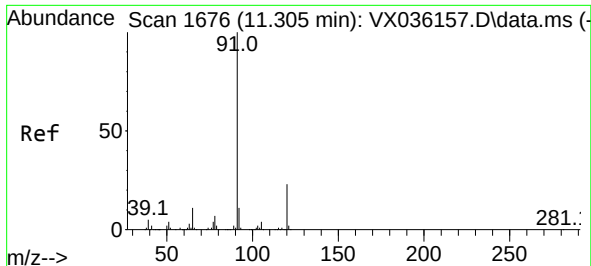


#73
 Isopropylbenzene
 Concen: 24.305 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX036243.D
 Acq: 20 Jun 2023 15:17



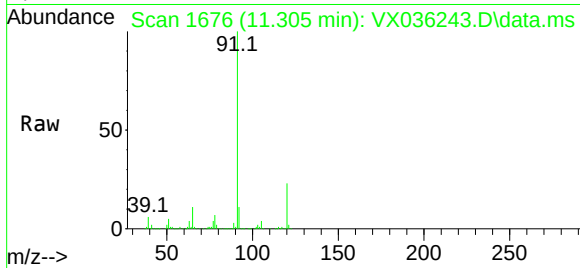
Tgt Ion:105 Resp: 183817
 Ion Ratio Lower Upper
 105 100
 120 26.1 12.9 38.6





#78
n-propylbenzene
Concen: 47.010 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17

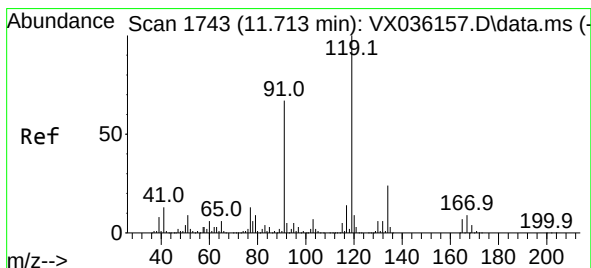
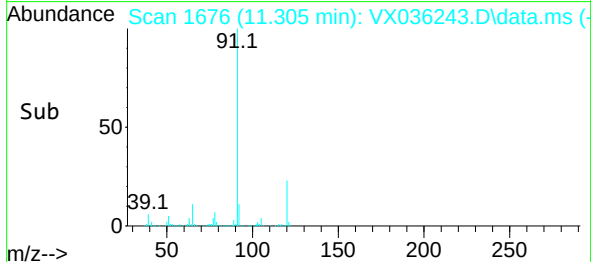
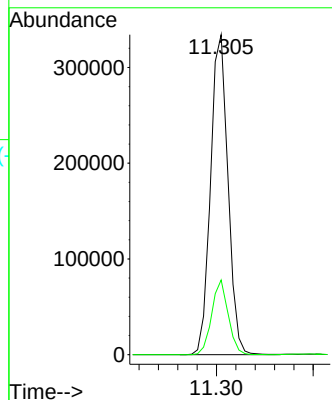
Instrument :
MSVOA_X
ClientSampleId :
MW-06



Tgt Ion: 91 Resp: 41824
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4

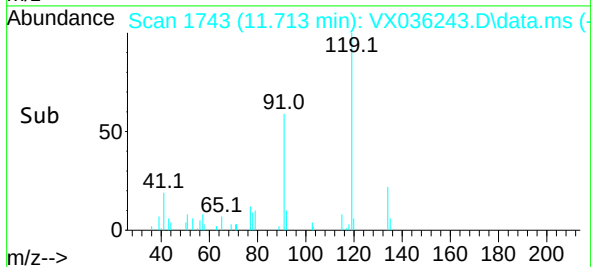
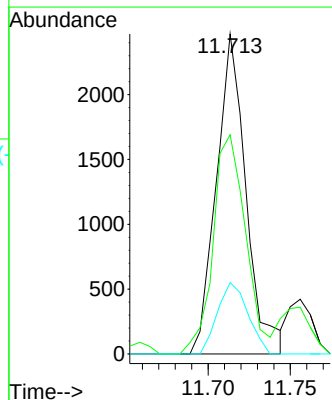
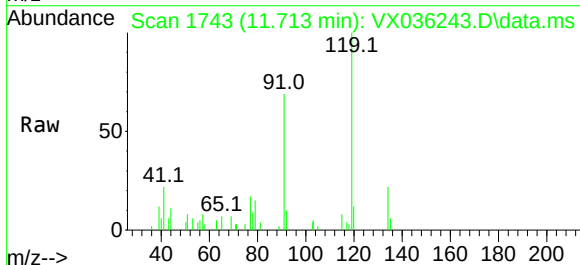
Manual Integrations
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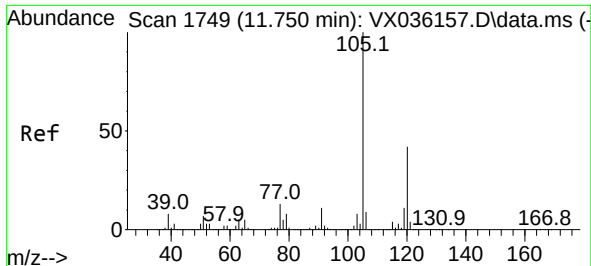
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#83
tert-Butylbenzene
Concen: 0.506 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17

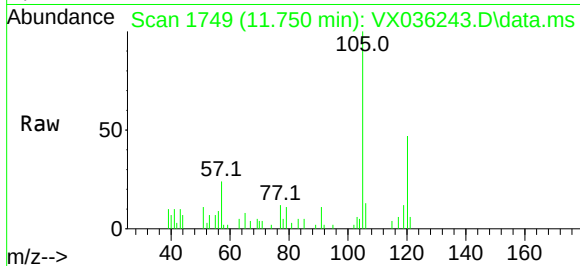
Tgt Ion:119 Resp: 3095
Ion Ratio Lower Upper
119 100
91 75.0 31.2 93.6
134 22.9 11.7 35.0





#84
1,2,4-Trimethylbenzene
Concen: 0.597 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17

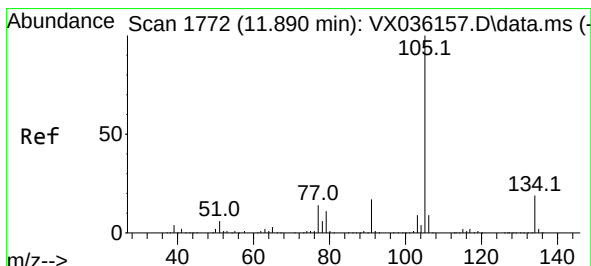
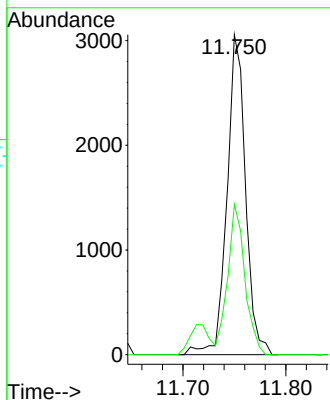
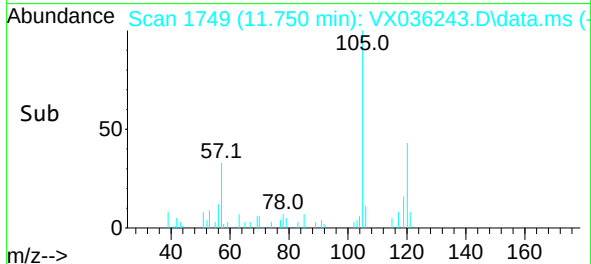
Instrument :
MSVOA_X
ClientSampleId :
MW-06



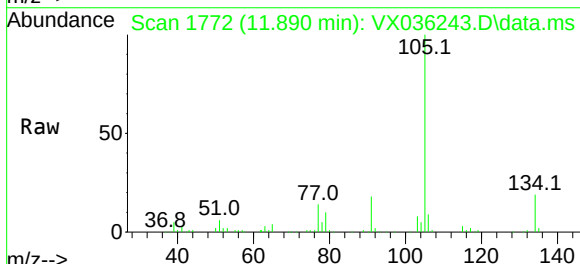
Tgt Ion:105 Resp: 383
Ion Ratio Lower Upper
105 100
120 43.5 21.2 63.6

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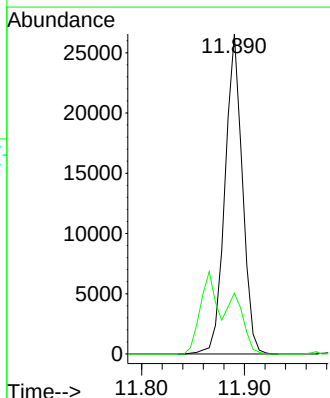
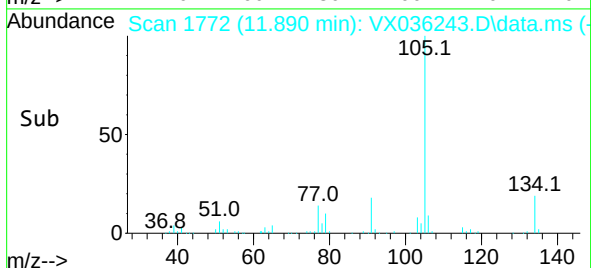
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

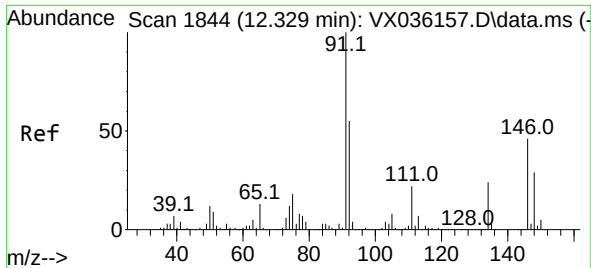


#85
sec-Butylbenzene
Concen: 4.084 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17



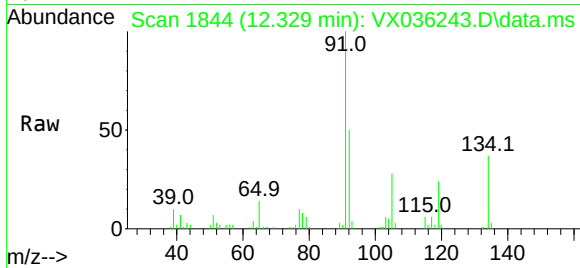
Tgt Ion:105 Resp: 31134
Ion Ratio Lower Upper
105 100
134 17.7 9.8 29.4





#89
n-Butylbenzene
Concen: 1.621 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17

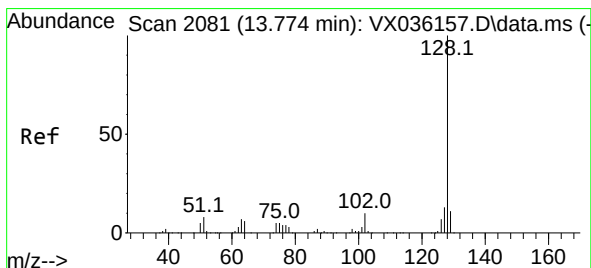
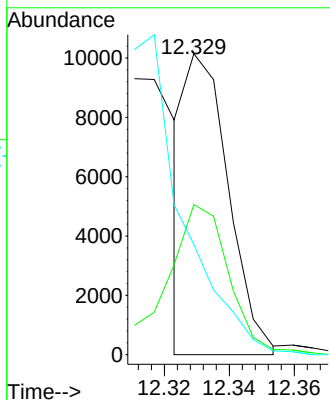
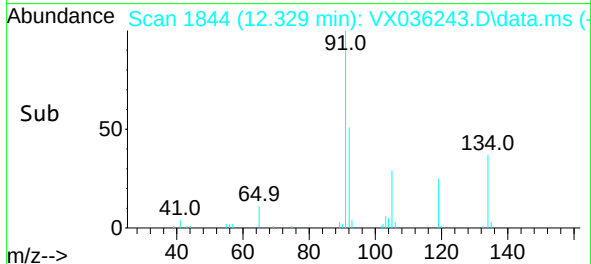
Instrument :
MSVOA_X
ClientSampleId :
MW-06



Tgt Ion: 91 Resp: 9278
Ion Ratio Lower Upper
91 100
92 75.1 27.4 82.0
134 168.9 12.6 37.8

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



#95
Naphthalene
Concen: 46.281 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036243.D
Acq: 20 Jun 2023 15:17

Tgt Ion:128 Resp: 300122
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

