

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038123.D
 Acq On : 06 Oct 2023 12:14
 Operator : JC/MD
 Sample : 04723-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5B

Quant Time: Oct 07 04:18:07 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 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	115264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84518	45.588	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.180%		
35) Dibromofluoromethane	5.385	113	64202	43.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.840%		
50) Toluene-d8	8.652	98	258766	45.801	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.600%#		
62) 4-Bromofluorobenzene	11.079	95	97590	45.562	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.120%		
Target Compounds					Qvalue	
31) Cyclohexane	5.476	56	17961	8.942	ug/l	89
39) Methylcyclohexane	7.384	83	13801	5.779	ug/l	93
52) Toluene	8.720	92	22930	6.173	ug/l	90
67) Ethyl Benzene	10.195	91	187080	25.060	ug/l	99
68) m/p-Xylenes	10.299	106	113504	39.322	ug/l	99
69) o-Xylene	10.640	106	35385	12.560	ug/l	99
73) Isopropylbenzene	10.963	105	16913	2.452	ug/l	98
78) n-propylbenzene	11.304	91	78795	9.342	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	9498	1.596	ug/l	95
84) 1,2,4-Trimethylbenzene	11.749	105	288710	48.656	ug/l	98
85) sec-Butylbenzene	11.890	105	6729m	0.893	ug/l	
86) p-Isopropyltoluene	12.012	119	3776	0.608	ug/l	87
89) n-Butylbenzene	12.335	91	3821m	0.617	ug/l	

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

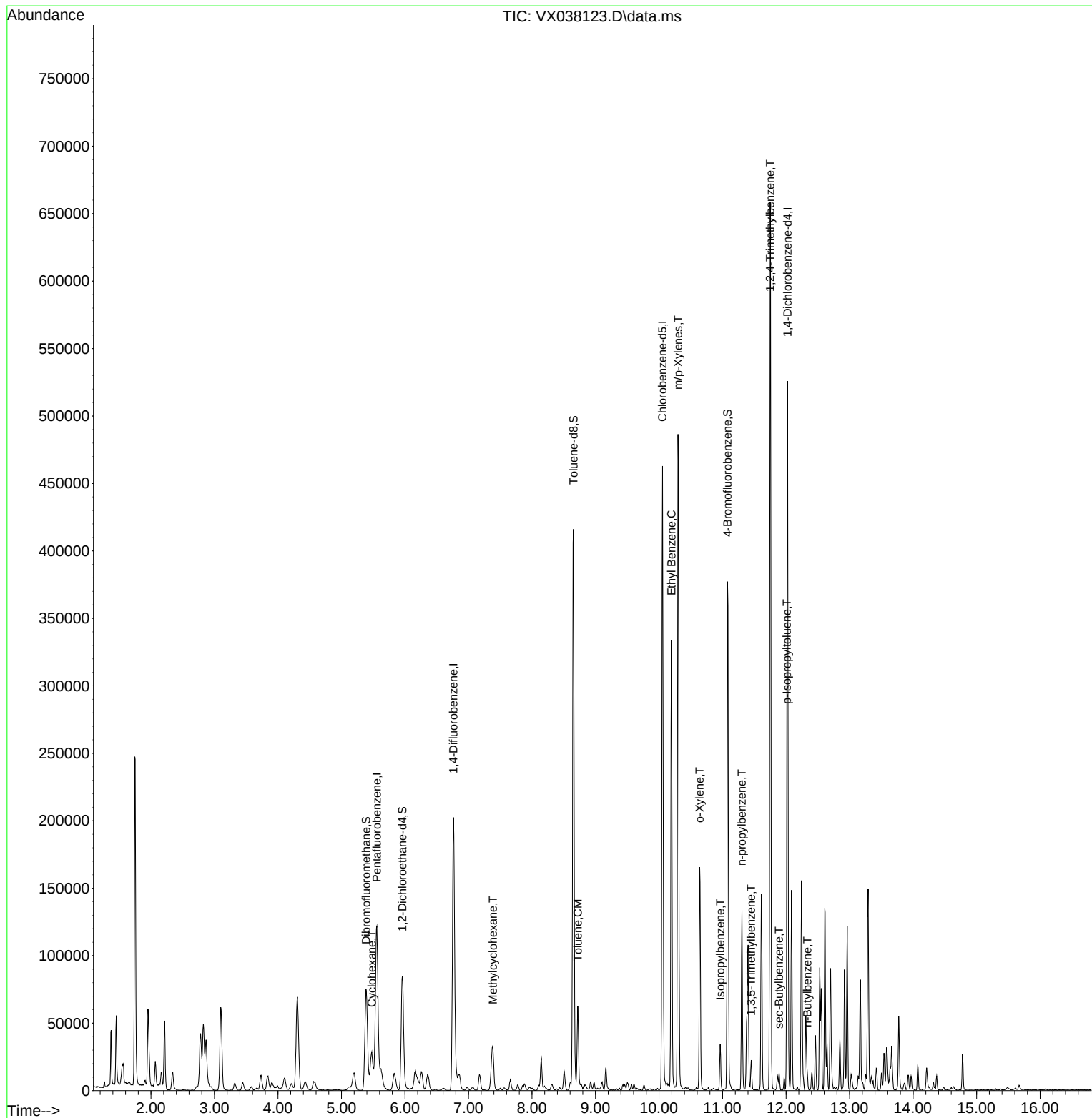
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
Data File : VX038123.D
Acq On : 06 Oct 2023 12:14
Operator : JC/MD
Sample : 04723-02 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

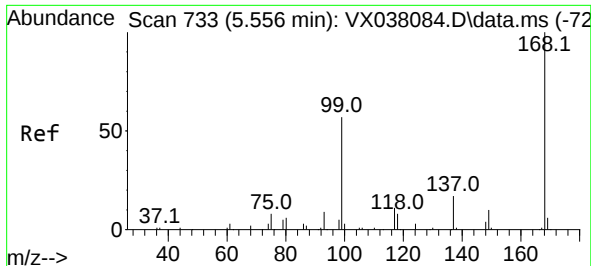
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

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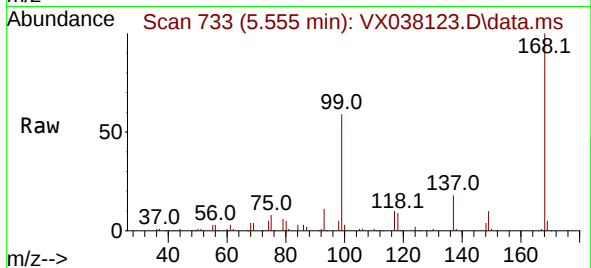
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

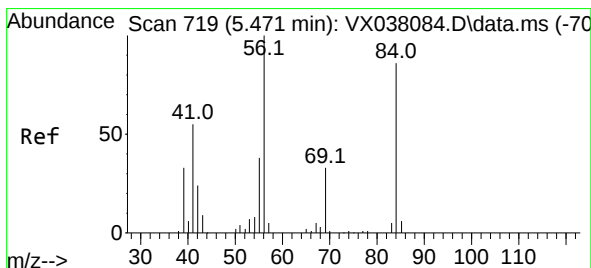
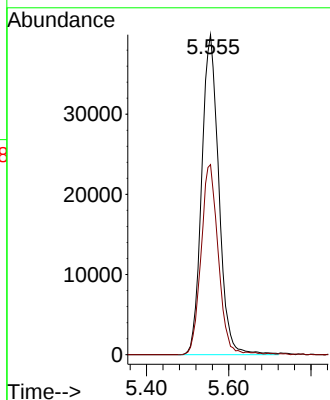
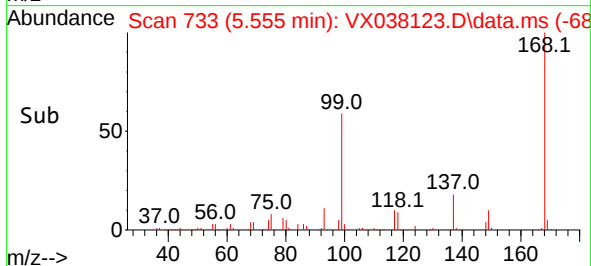
Instrument :
MSVOA_X
ClientSampleId :
MW-5B



Tgt Ion:168 Resp: 115264
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0

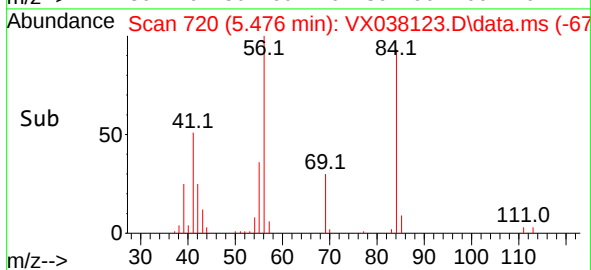
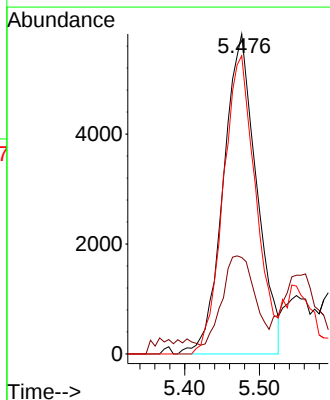
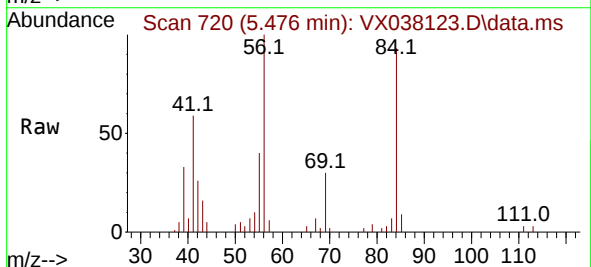
Manual Integrations
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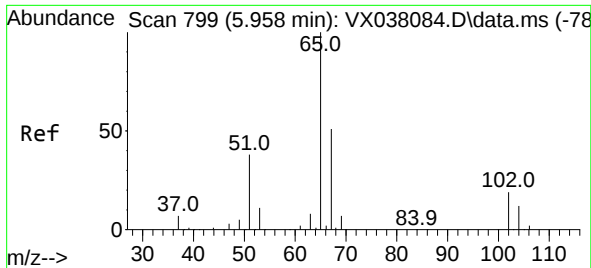
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#31
Cyclohexane
Concen: 8.942 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.005 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Tgt Ion: 56 Resp: 17961
Ion Ratio Lower Upper
56 100
69 25.7 23.4 35.2
84 93.2 65.9 98.9





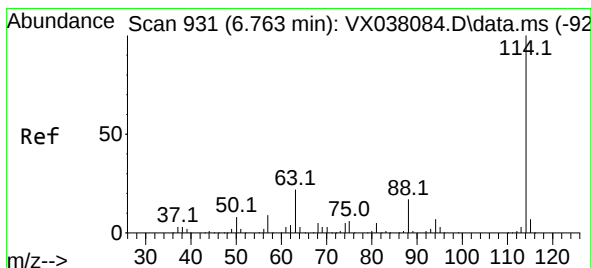
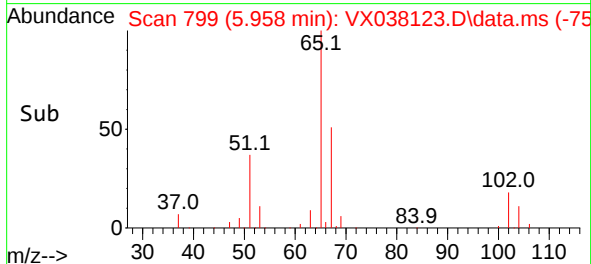
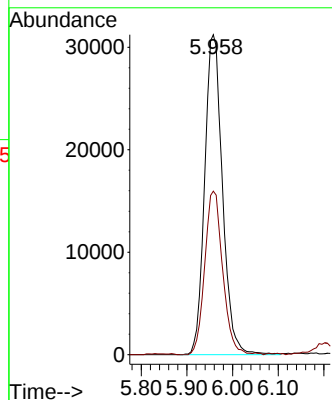
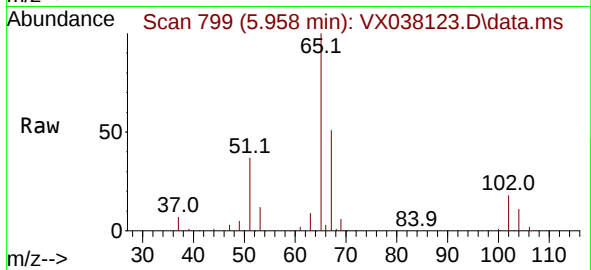
#33
1,2-Dichloroethane-d4
Concen: 45.588 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

Tgt Ion: 65 Resp: 84518
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

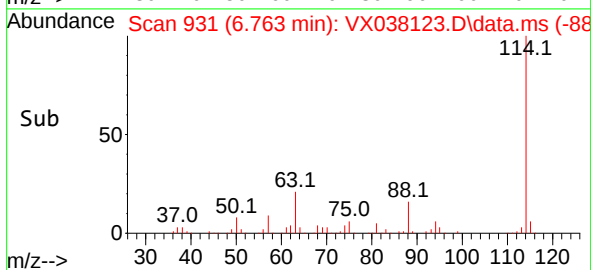
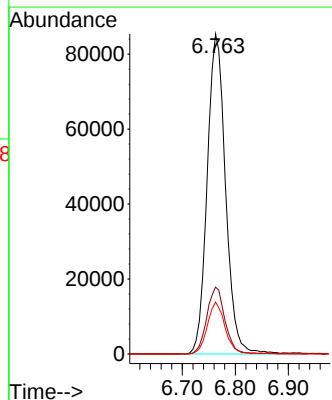
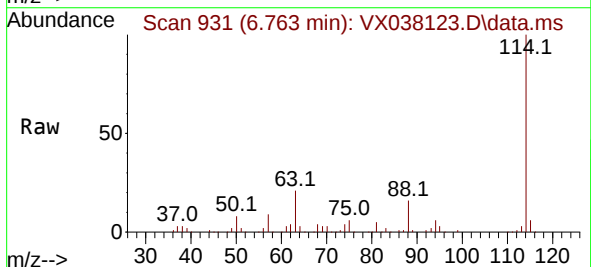
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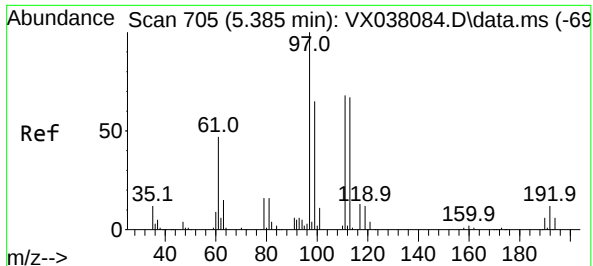
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

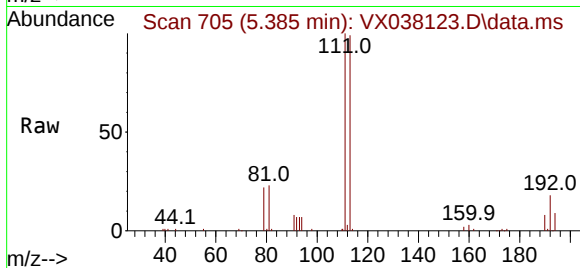
Tgt Ion:114 Resp: 205191
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 16.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 43.423 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

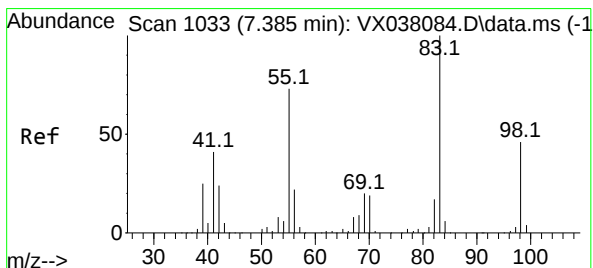
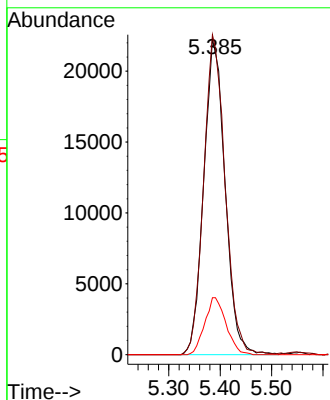
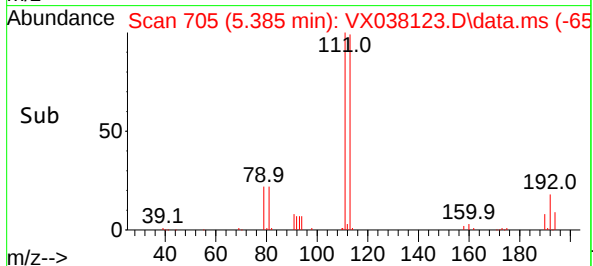
Instrument :
MSVOA_X
ClientSampleId :
MW-5B



Tgt Ion: 113 Resp: 6420
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.0 13.3 19.9

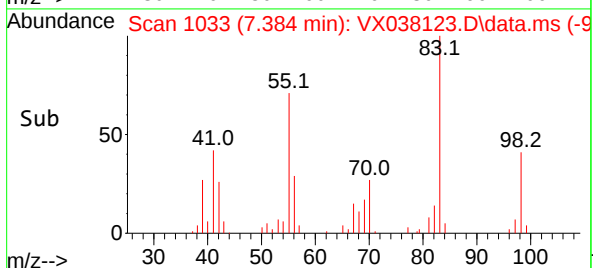
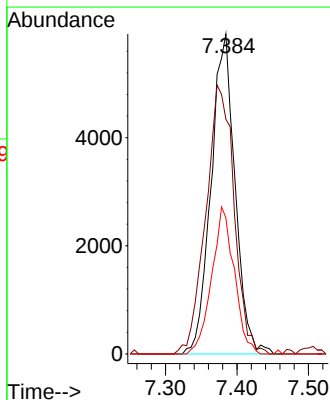
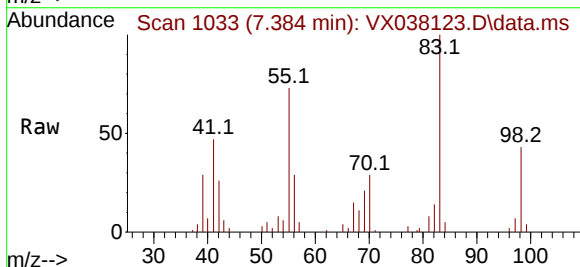
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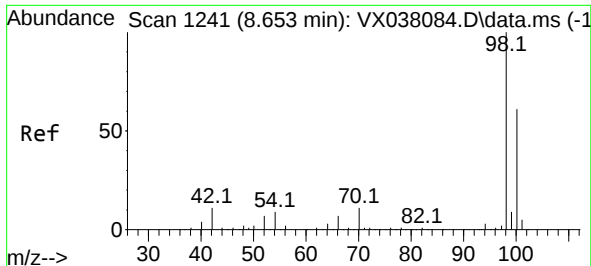
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#39
Methylcyclohexane
Concen: 5.779 ug/l
RT: 7.384 min Scan# 1033
Delta R.T. -0.001 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

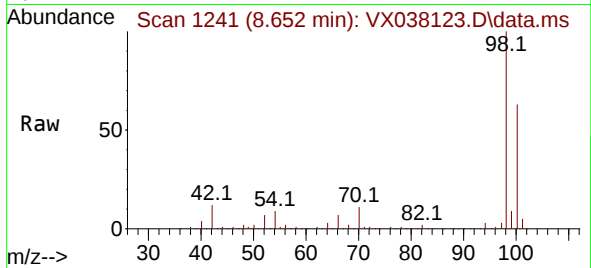
Tgt Ion: 83 Resp: 13801
Ion Ratio Lower Upper
83 100
55 73.4 64.6 97.0
98 42.6 36.7 55.1





#50
Toluene-d8
Concen: 45.801 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

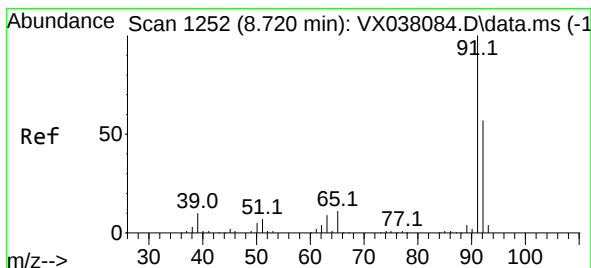
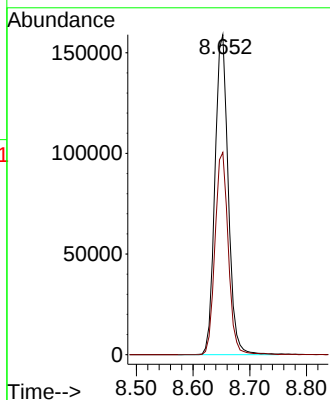
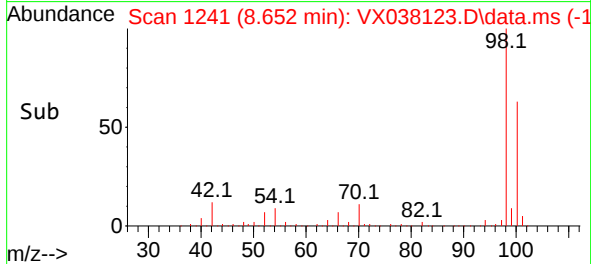
Instrument :
MSVOA_X
ClientSampleId :
MW-5B



Tgt Ion: 98 Resp: 258760
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

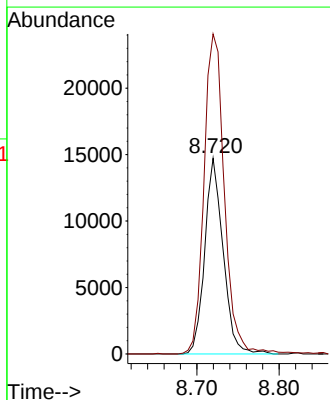
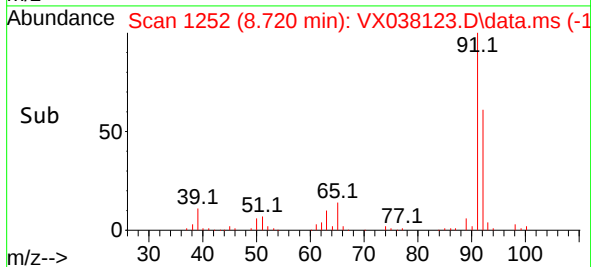
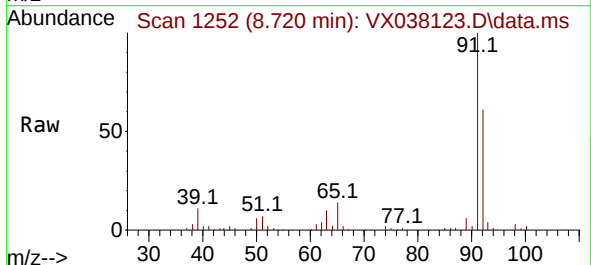
Manual Integrations
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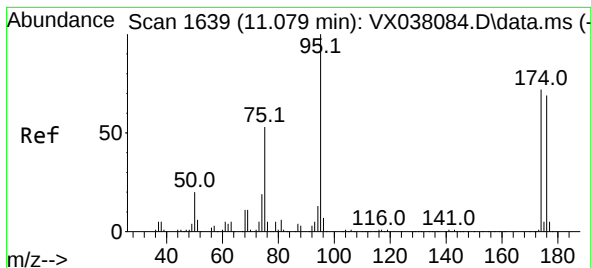
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#52
Toluene
Concen: 6.173 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

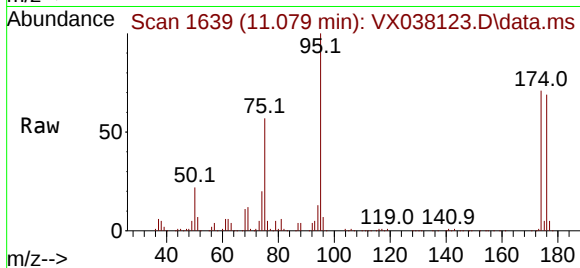
Tgt Ion: 92 Resp: 22930
Ion Ratio Lower Upper
92 100
91 181.7 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 45.562 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

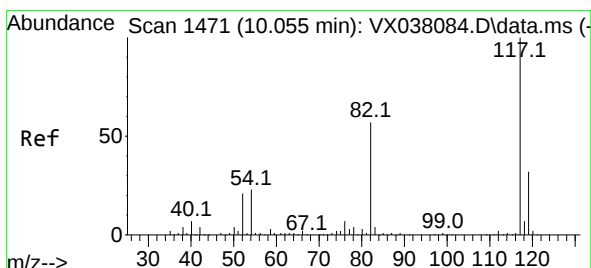
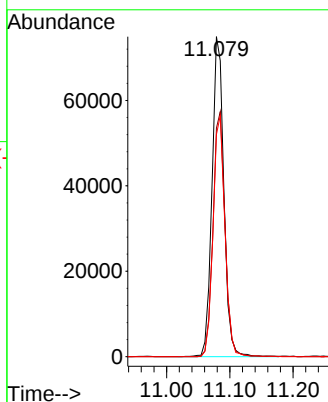
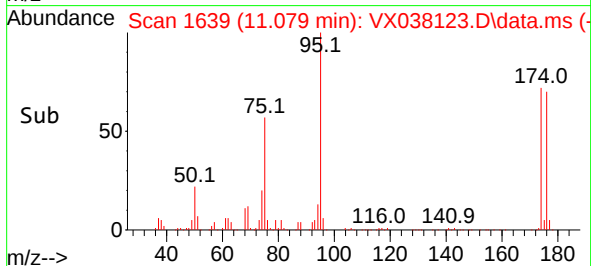
Instrument :
MSVOA_X
ClientSampleId :
MW-5B



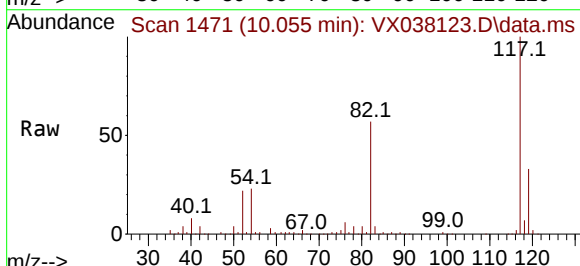
Tgt Ion: 95 Resp: 97590
Ion Ratio Lower Upper
95 100
174 77.3 0.0 135.6
176 75.6 0.0 131.0

Manual Integrations
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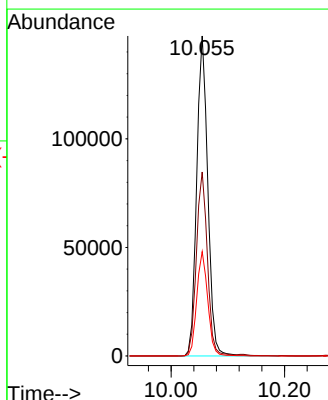
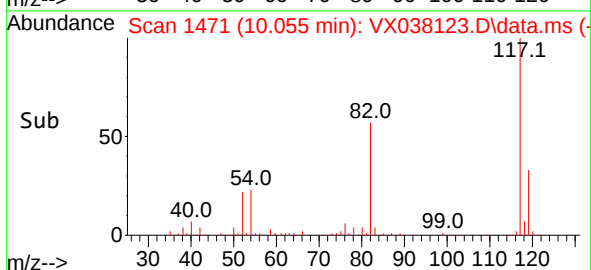
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

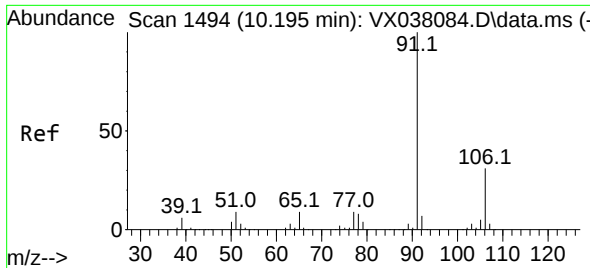


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14



Tgt Ion:117 Resp: 199861
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 32.6 25.5 38.3





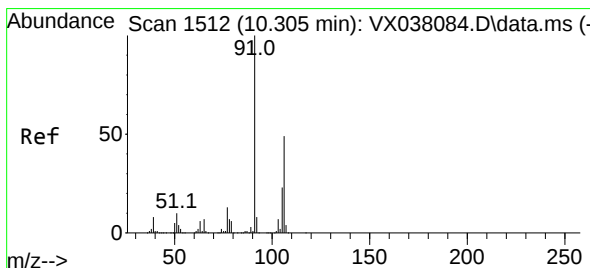
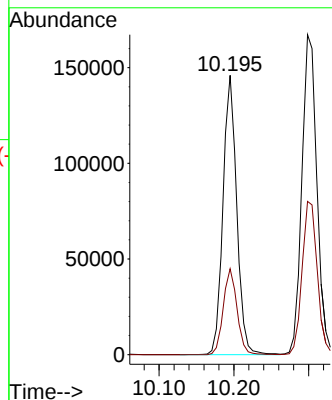
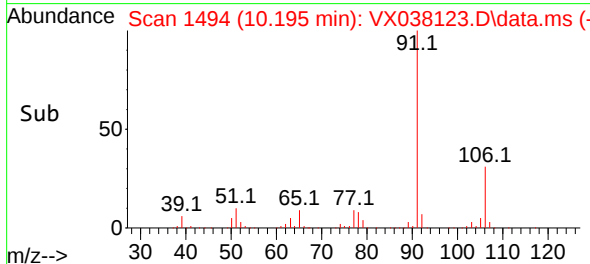
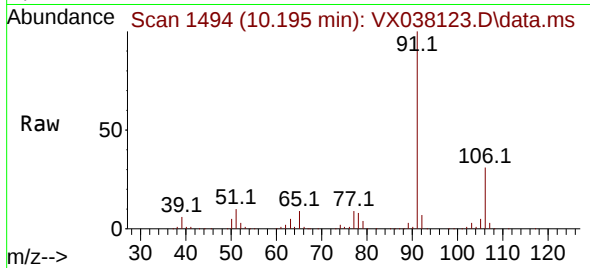
#67
Ethyl Benzene
Concen: 25.060 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

Tgt Ion: 91 Resp: 187080
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

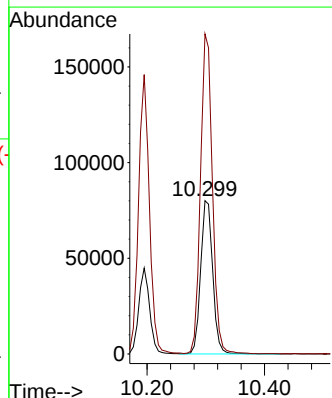
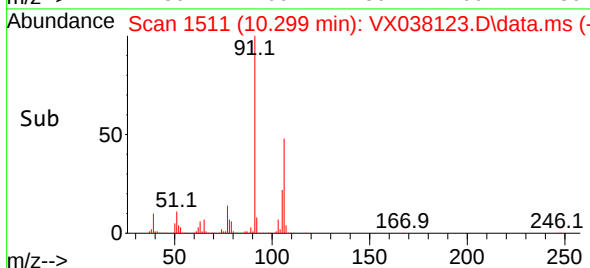
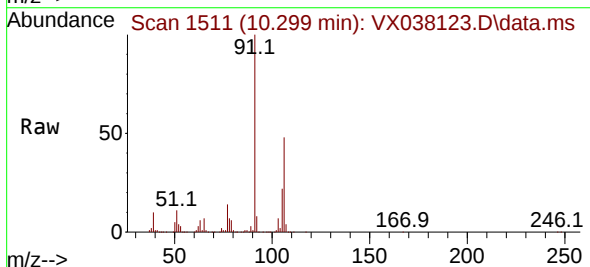
Manual Integrations
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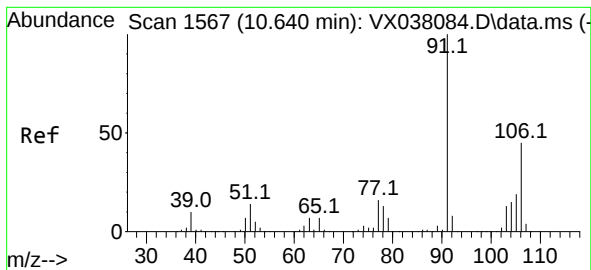
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#68
m/p-Xylenes
Concen: 39.322 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Tgt Ion:106 Resp: 113504
Ion Ratio Lower Upper
106 100
91 206.1 165.5 248.3





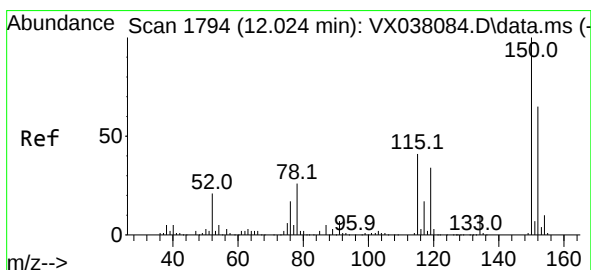
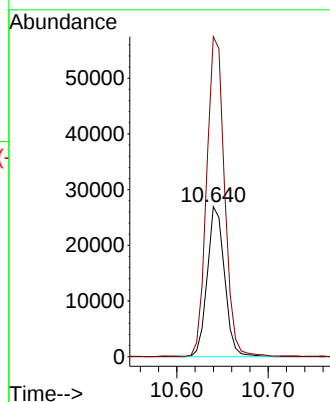
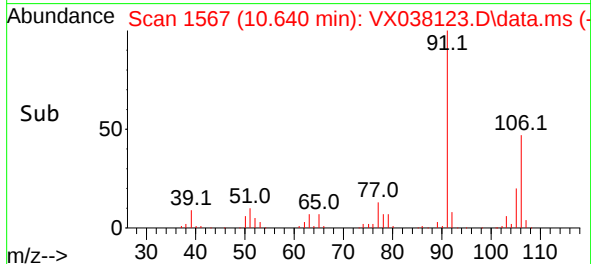
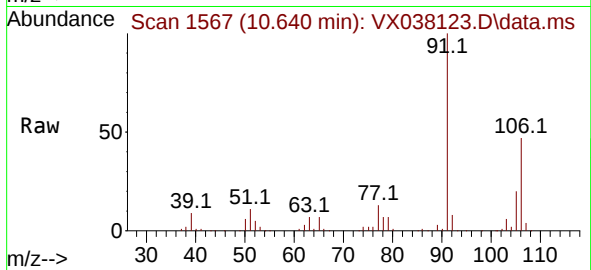
#69
o-Xylene
Concen: 12.560 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

Tgt Ion:106 Resp: 3538
Ion Ratio Lower Upper
106 100
91 219.0 108.9 326.8

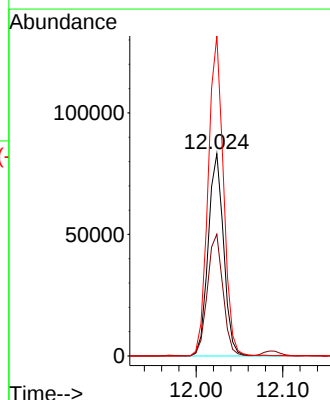
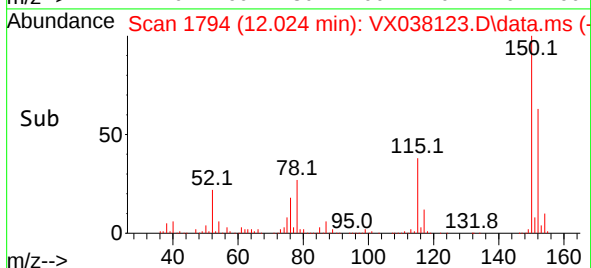
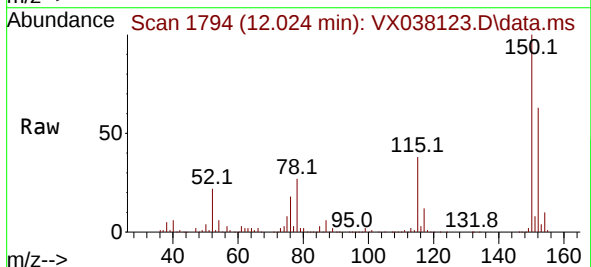
Manual Integrations
APPROVED

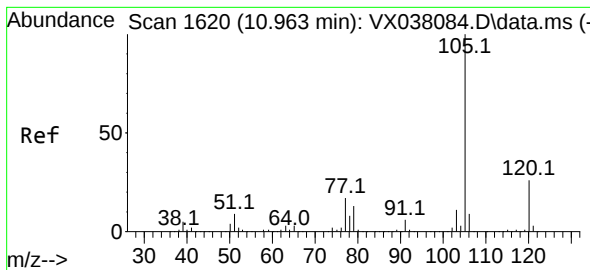
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Tgt Ion:152 Resp: 102860
Ion Ratio Lower Upper
152 100
115 60.9 43.3 129.9
150 157.4 0.0 345.0





#73

Isopropylbenzene

Concen: 2.452 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038123.D

Acq: 06 Oct 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

Tgt Ion:105 Resp: 1691

Ion Ratio Lower Upper

105 100

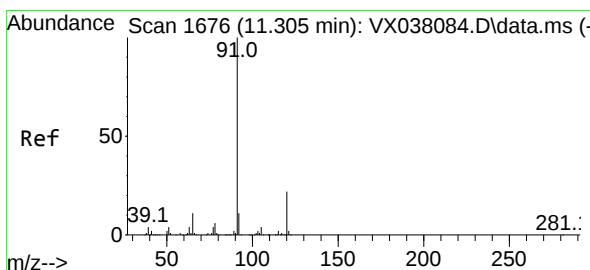
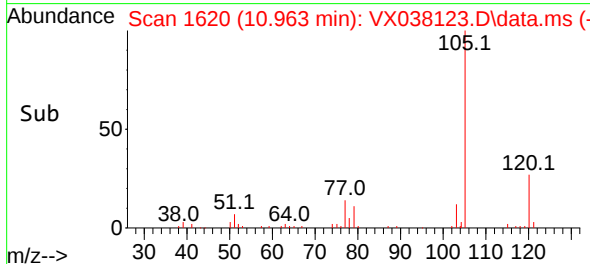
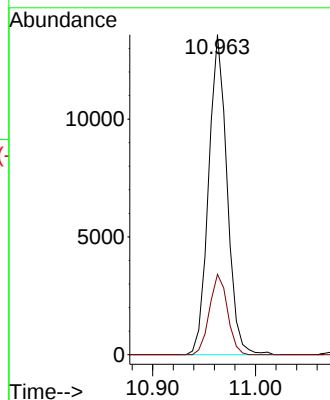
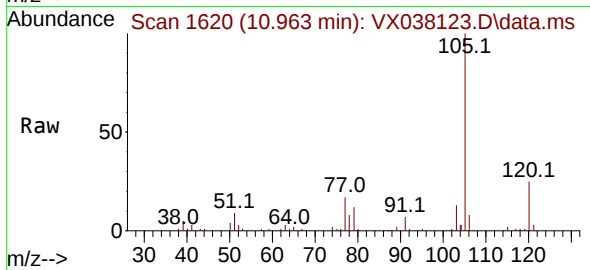
120 24.5 12.9 38.6

Manual Integrations

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Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#78

n-propylbenzene

Concen: 9.342 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. -0.001 min

Lab File: VX038123.D

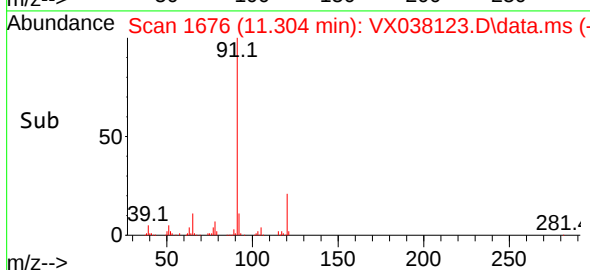
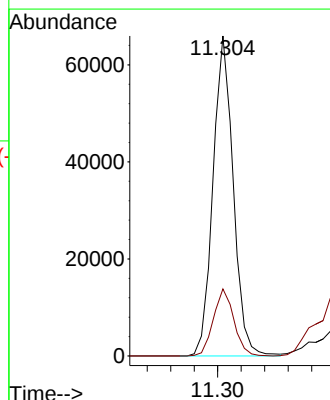
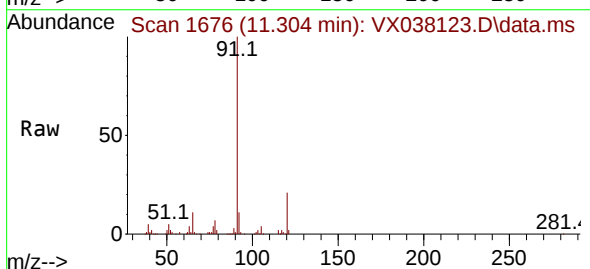
Acq: 06 Oct 2023 12:14

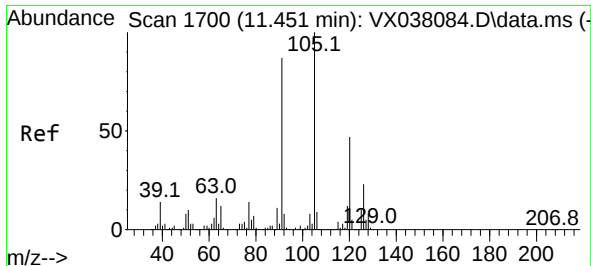
Tgt Ion: 91 Resp: 78795

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4





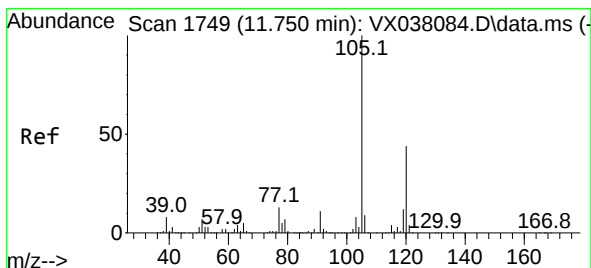
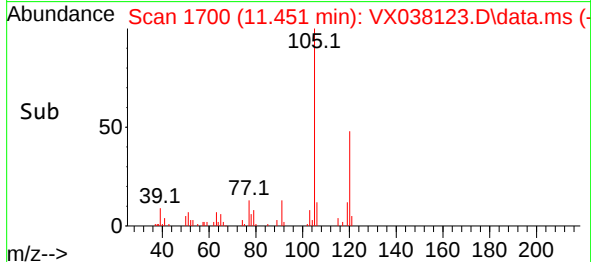
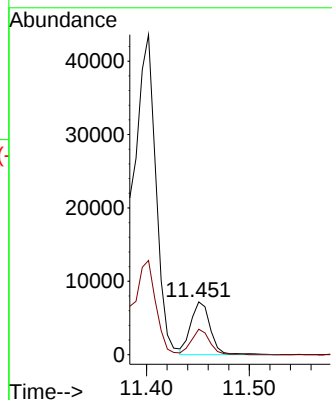
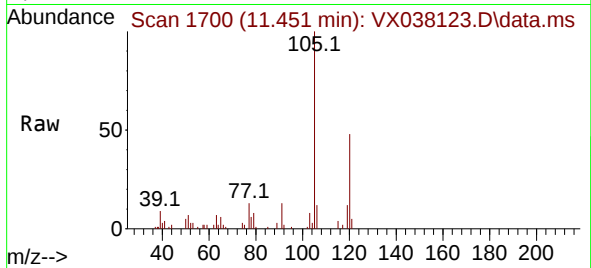
#80
1,3,5-Trimethylbenzene
Concen: 1.596 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

Tgt Ion:105 Resp: 9498
Ion Ratio Lower Upper
105 100
120 45.1 24.1 72.3

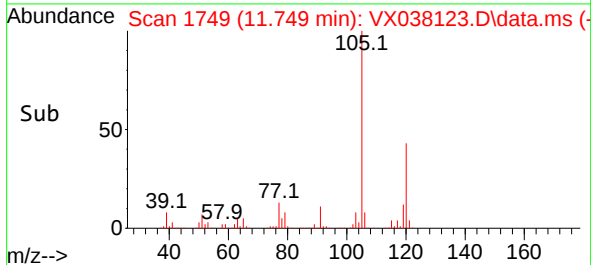
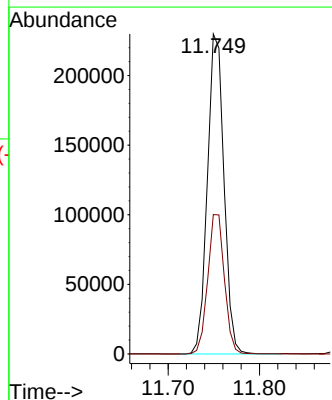
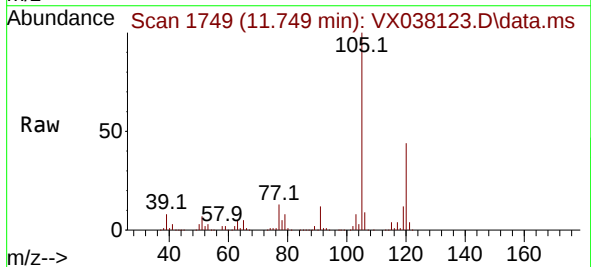
Manual Integrations
APPROVED

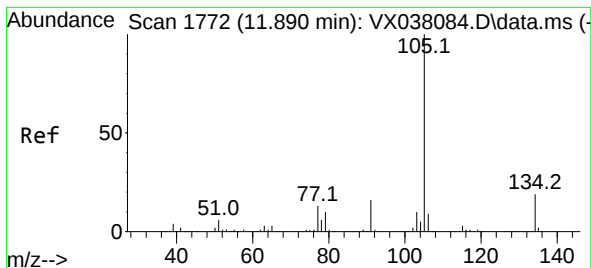
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.656 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

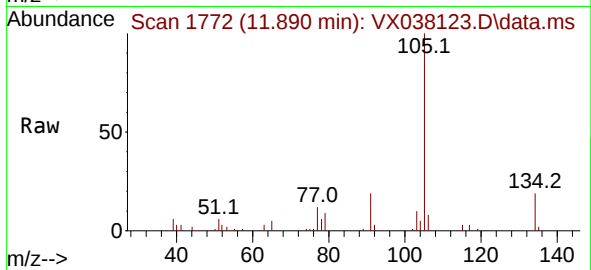
Tgt Ion:105 Resp: 288710
Ion Ratio Lower Upper
105 100
120 43.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 0.893 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038123.D
 Acq: 06 Oct 2023 12:14

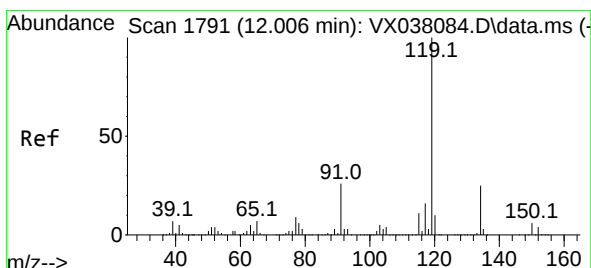
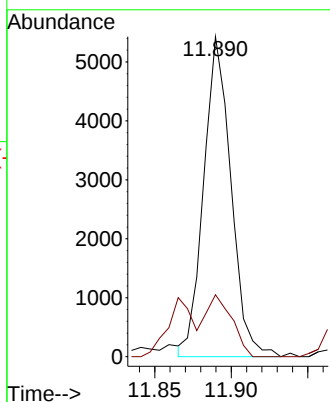
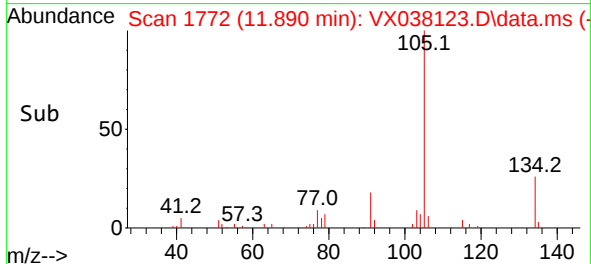
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5B



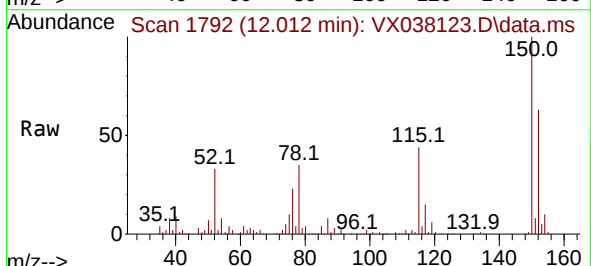
Tgt Ion:105 Resp: 6729
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4

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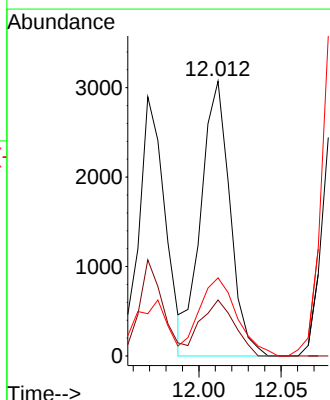
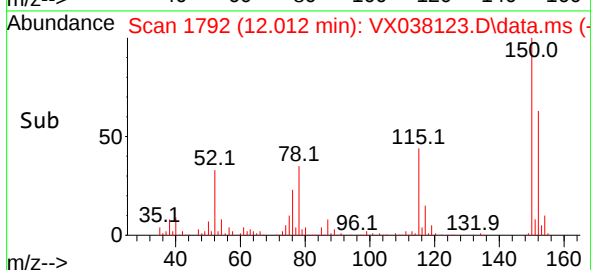
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023

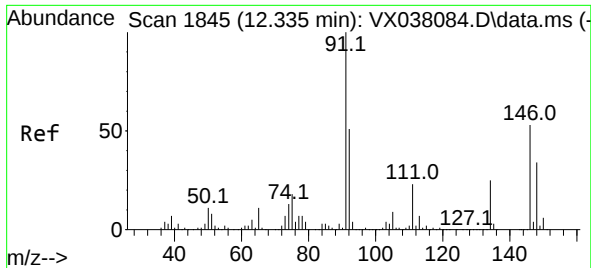


#86
 p-Isopropyltoluene
 Concen: 0.608 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038123.D
 Acq: 06 Oct 2023 12:14



Tgt Ion:119 Resp: 3776
 Ion Ratio Lower Upper
 119 100
 134 23.1 12.8 38.3
 91 37.2 13.1 39.3





#89

n-Butylbenzene

Concen: 0.617 ug/l m

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX038123.D

Acq: 06 Oct 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

Tgt Ion: 91 Resp: 382

Ion Ratio Lower Upper

91 100

92 73.4 27.4 82.0

134 0.0 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023

