

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039209.D
 Acq On : 14 Dec 2023 15:34
 Operator : JC/MD
 Sample : 05829-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9

Quant Time: Dec 15 03:01:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2023
 Supervised By : Mahesh Dadoda 12/15/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	106134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216000	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93676	48.180	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.360%		
35) Dibromofluoromethane	5.385	113	71741	48.076	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.160%		
50) Toluene-d8	8.647	98	275259	49.686	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.380%		
62) 4-Bromofluorobenzene	11.079	95	128334	56.145	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.280%		
Target Compounds						
30) Chloroform	5.093	83	3017m	1.061	ug/l	
44) Trichloroethene	7.129	130	410	0.244	ug/l	82
64) Tetrachloroethene	9.275	164	919	0.617	ug/l #	77
67) Ethyl Benzene	10.195	91	8532	0.922	ug/l	91
68) m/p-Xylenes	10.305	106	4636	1.397	ug/l	88
78) n-propylbenzene	11.305	91	3035	0.275	ug/l	93
80) 1,3,5-Trimethylbenzene	11.445	105	4667	0.612	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	17220	2.202	ug/l	96
85) sec-Butylbenzene	11.890	105	2737	0.296	ug/l #	75

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

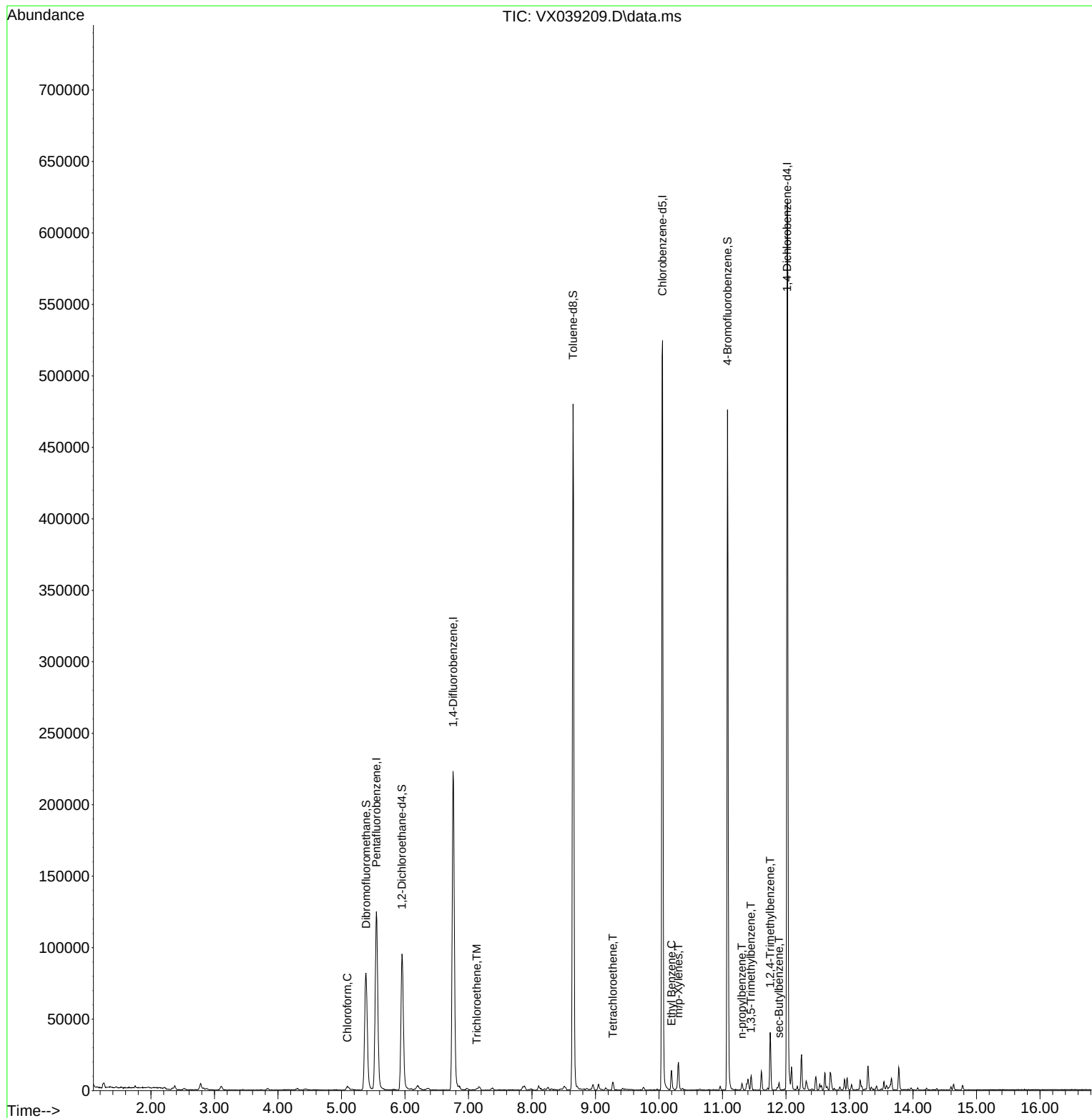
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
Data File : VX039209.D
Acq On : 14 Dec 2023 15:34
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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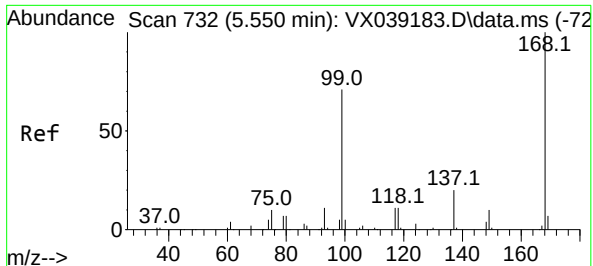
Instrument :
MSVOA_X
ClientSampleId :
MW-9

Quant Time: Dec 15 03:01:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

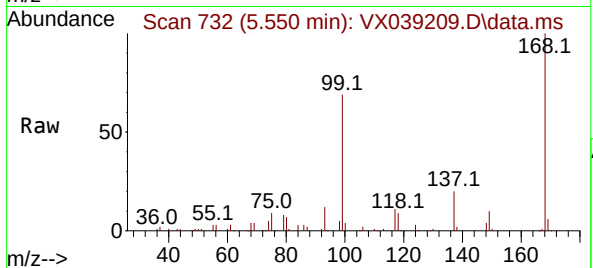
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039209.D
Acq: 14 Dec 2023 15:34

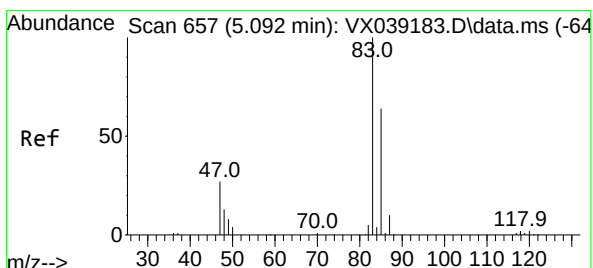
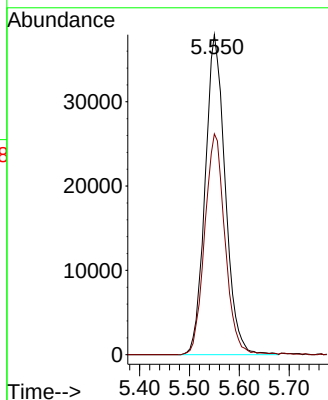
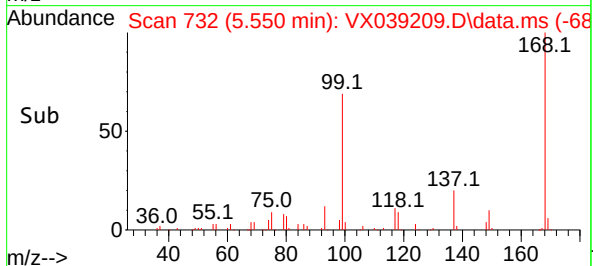
Instrument :
MSVOA_X
ClientSampleId :
MW-9



Tgt Ion:168 Resp: 106134
Ion Ratio Lower Upper
168 100
99 69.0 56.6 85.0

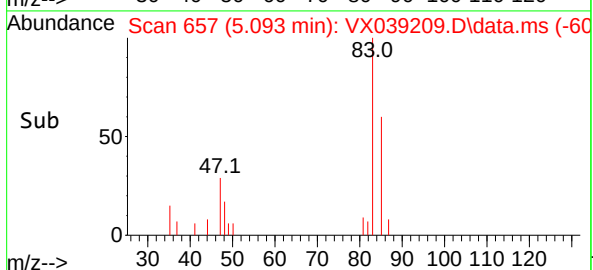
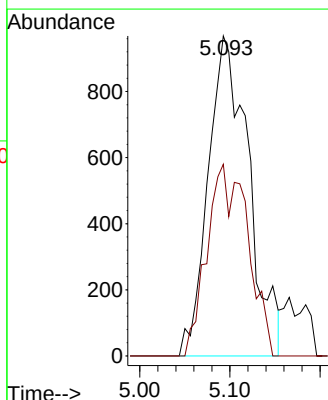
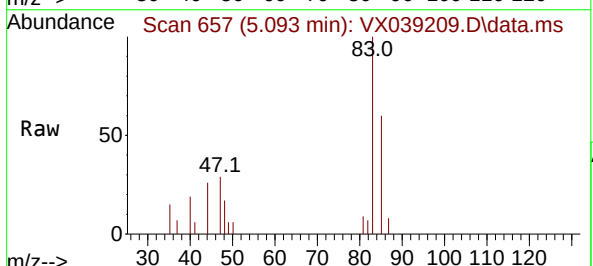
Manual Integrations
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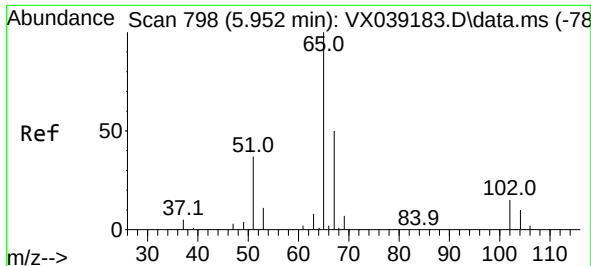
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#30
Chloroform
Concen: 1.061 ug/l m
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX039209.D
Acq: 14 Dec 2023 15:34

Tgt Ion: 83 Resp: 3017
Ion Ratio Lower Upper
83 100
85 59.9 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 48.180 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039209.D

Acq: 14 Dec 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

MW-9

Tgt Ion: 65 Resp: 93670

Ion Ratio Lower Upper

65 100

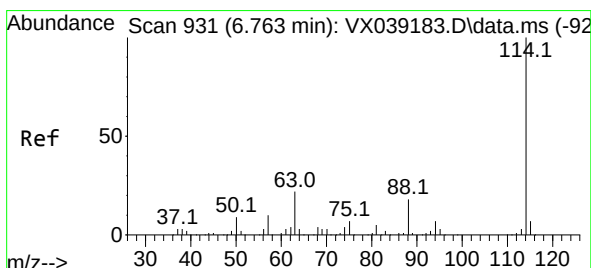
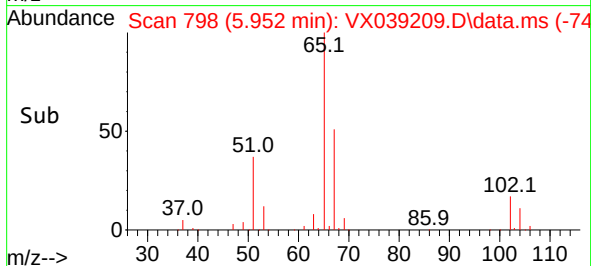
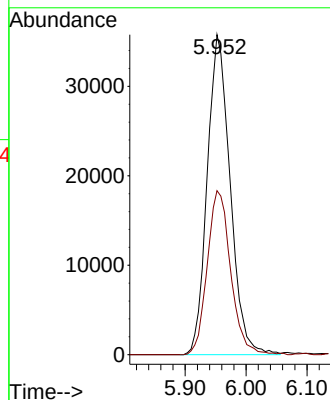
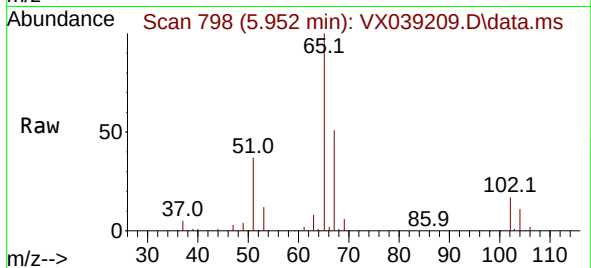
67 52.3 0.0 100.2

Manual Integrations

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Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039209.D

Acq: 14 Dec 2023 15:34

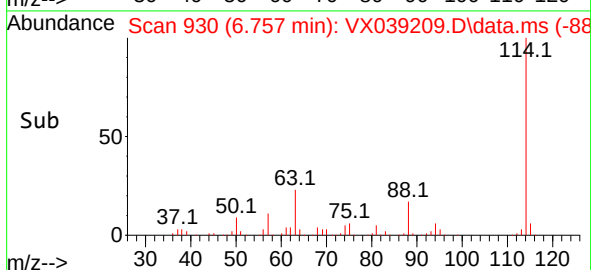
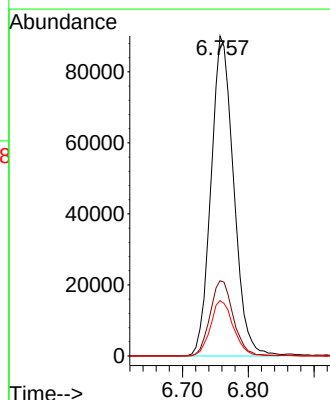
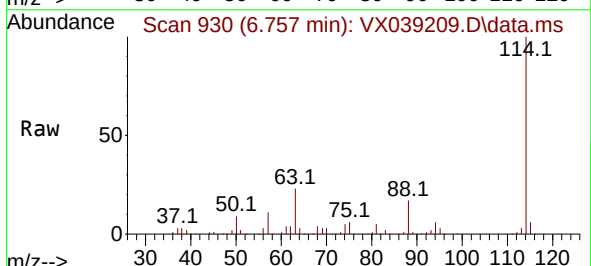
Tgt Ion:114 Resp: 216000

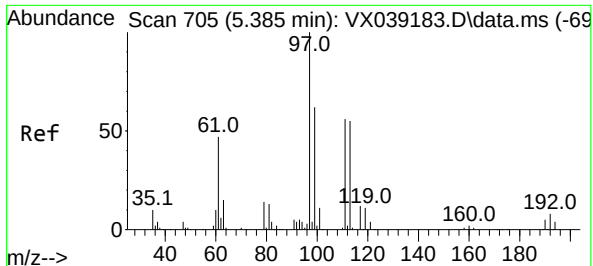
Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.0

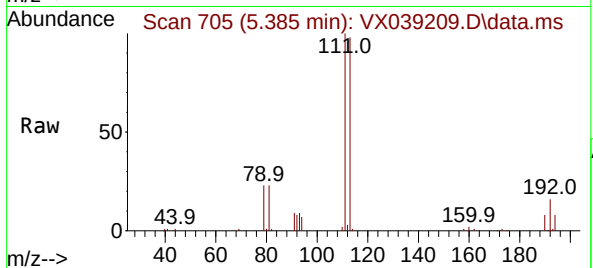
88 17.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.076 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039209.D
Acq: 14 Dec 2023 15:34

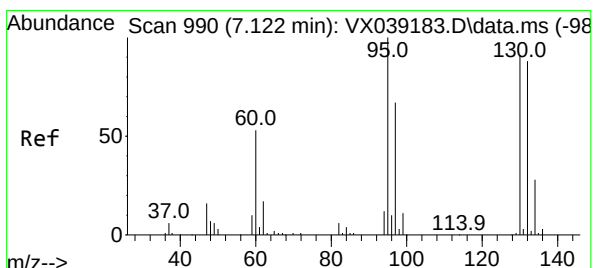
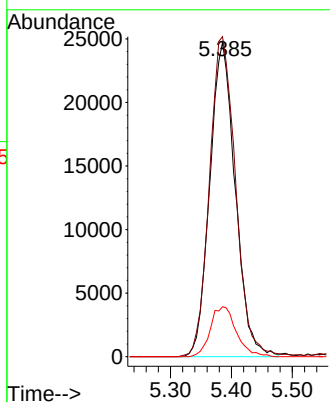
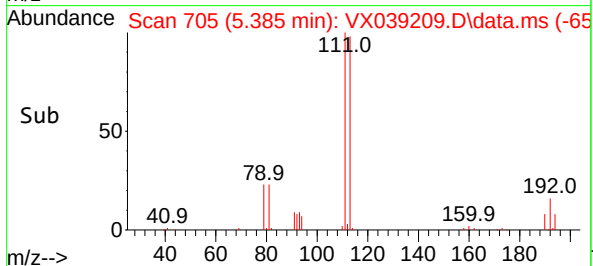
Instrument :
MSVOA_X
ClientSampleId :
MW-9



Tgt Ion:113 Resp: 7174
Ion Ratio Lower Upper
113 100
111 104.6 82.9 124.3
192 16.2 13.3 19.9

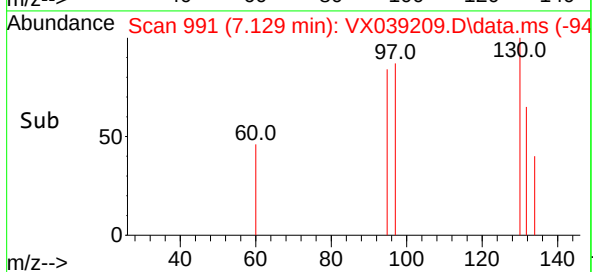
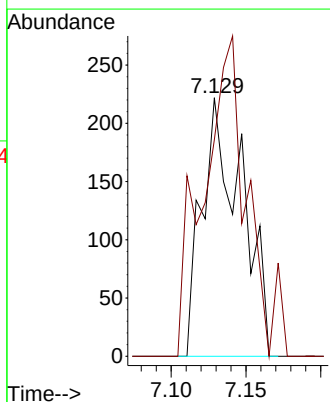
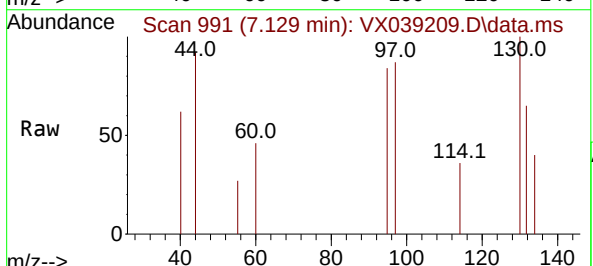
Manual Integrations
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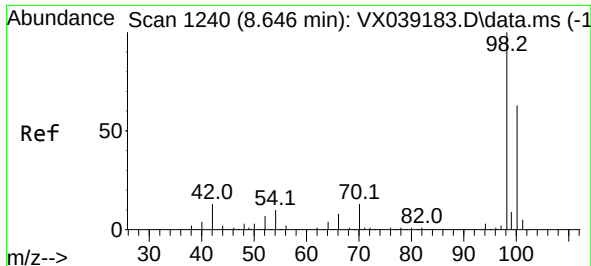
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#44
Trichloroethene
Concen: 0.244 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039209.D
Acq: 14 Dec 2023 15:34

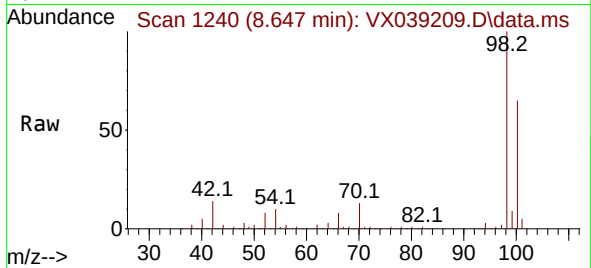
Tgt Ion:130 Resp: 410
Ion Ratio Lower Upper
130 100
95 83.8 0.0 204.4





#50
Toluene-d8
Concen: 49.686 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039209.D
Acq: 14 Dec 2023 15:34

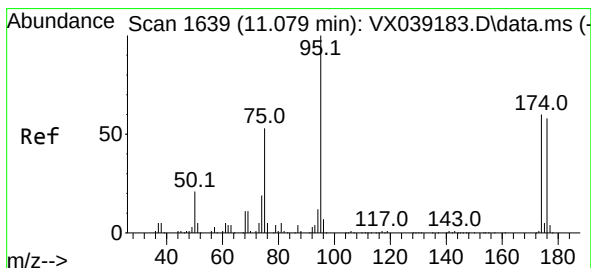
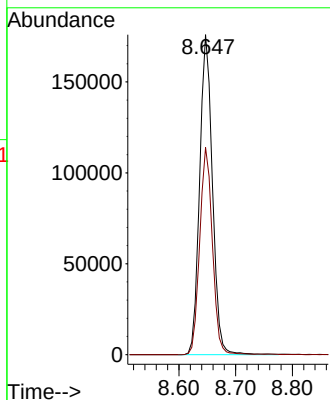
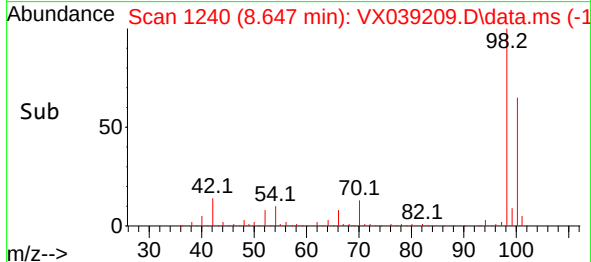
Instrument :
MSVOA_X
ClientSampleId :
MW-9



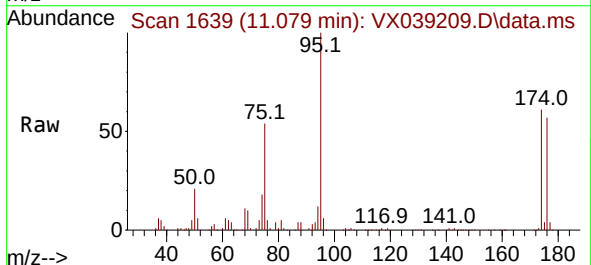
Tgt Ion: 98 Resp: 275259
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

Manual Integrations
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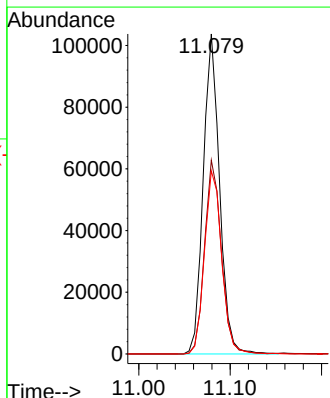
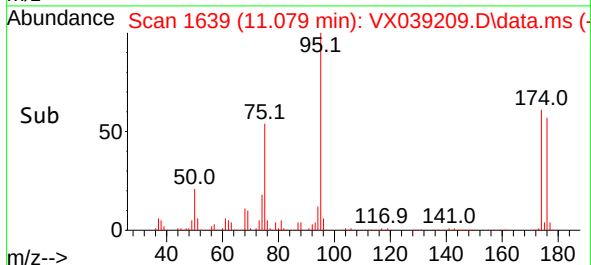
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

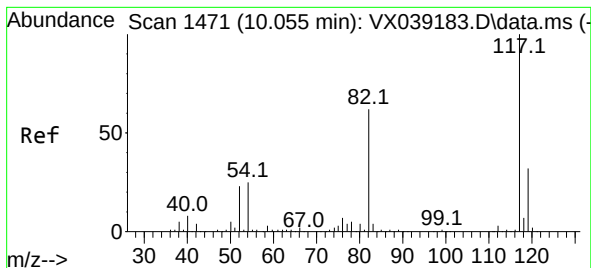


#62
4-Bromofluorobenzene
Concen: 56.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039209.D
Acq: 14 Dec 2023 15:34



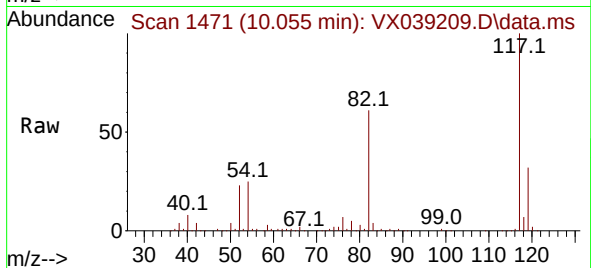
Tgt Ion: 95 Resp: 128334
Ion Ratio Lower Upper
95 100
174 62.4 0.0 135.6
176 60.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039209.D
Acq: 14 Dec 2023 15:34

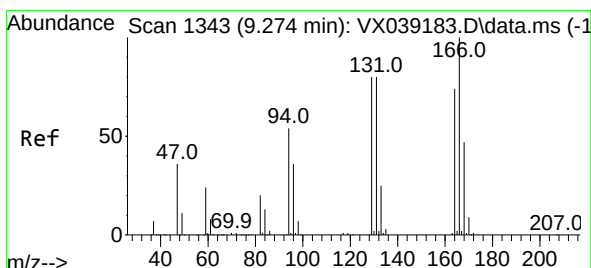
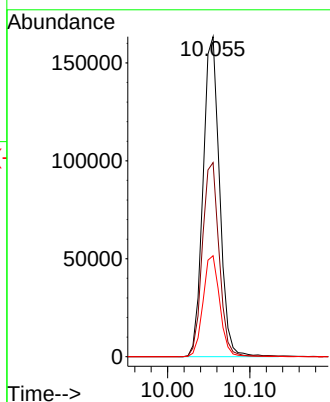
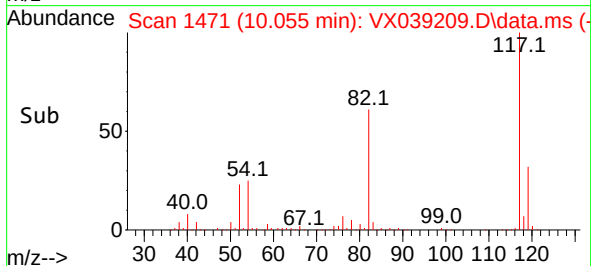
Instrument :
MSVOA_X
ClientSampleId :
MW-9



Tgt Ion:117 Resp: 227870
Ion Ratio Lower Upper
117 100
82 60.6 46.2 69.4
119 31.6 25.5 38.3

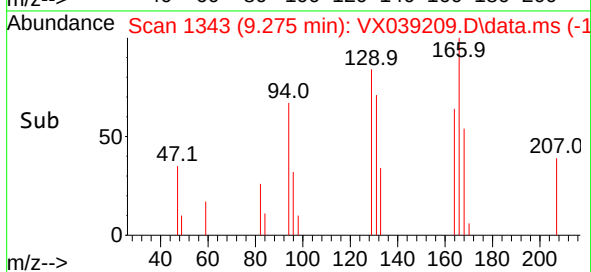
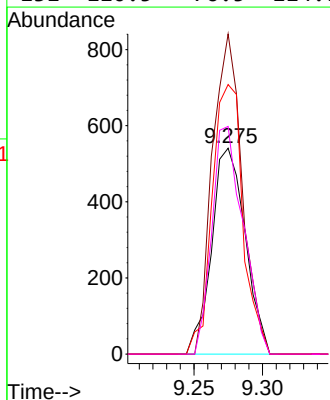
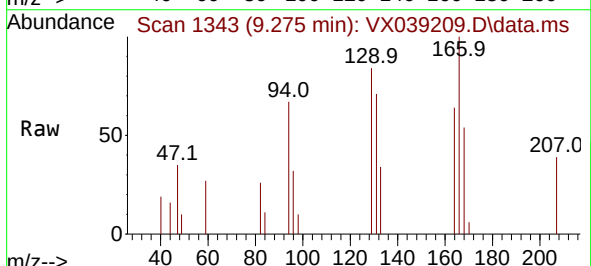
Manual Integrations
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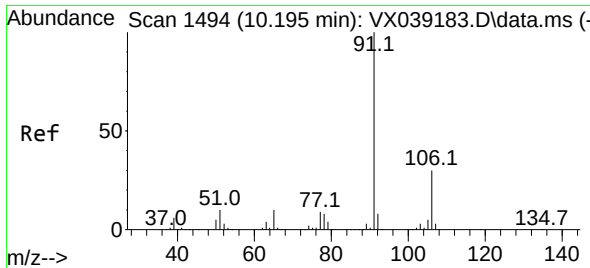
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#64
Tetrachloroethene
Concen: 0.617 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039209.D
Acq: 14 Dec 2023 15:34

Tgt Ion:164 Resp: 919
Ion Ratio Lower Upper
164 100
166 155.5 102.7 154.1#
129 130.9 80.4 120.6#
131 110.5 76.5 114.7





#67

Ethyl Benzene

Concen: 0.922 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX039209.D

Acq: 14 Dec 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

MW-9

Tgt Ion: 91 Resp: 853

Ion Ratio Lower Upper

91 100

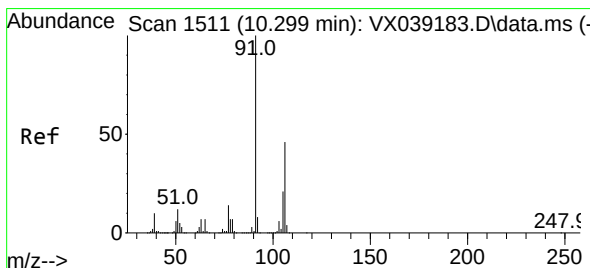
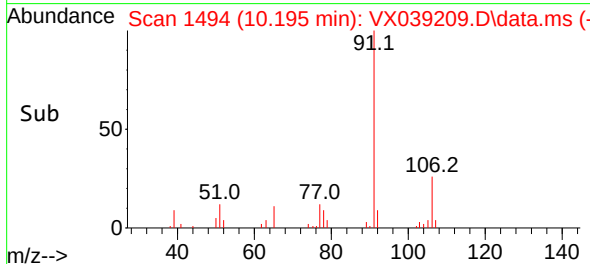
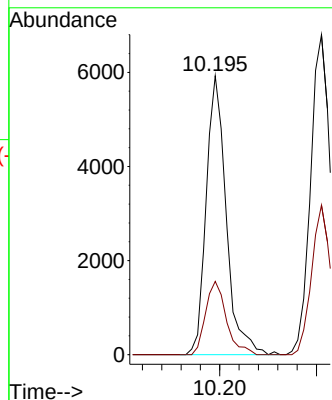
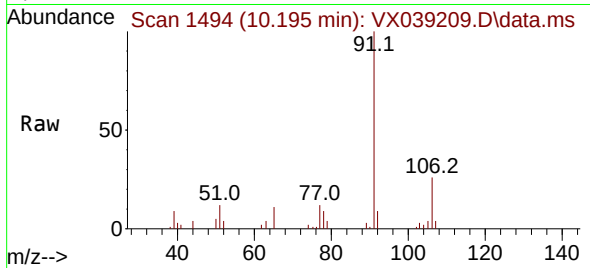
106 26.3 24.9 37.3

Manual Integrations

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Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#68

m/p-Xylenes

Concen: 1.397 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX039209.D

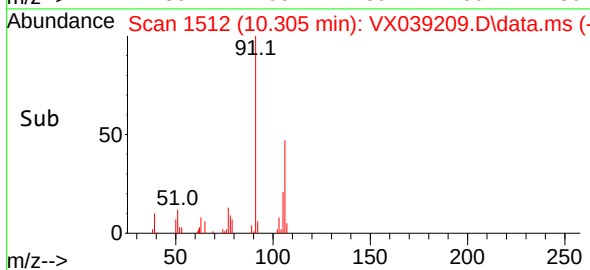
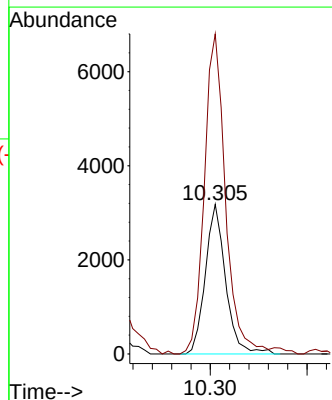
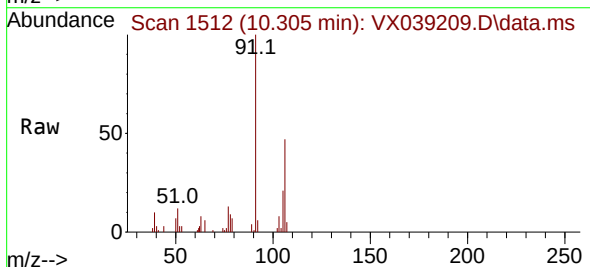
Acq: 14 Dec 2023 15:34

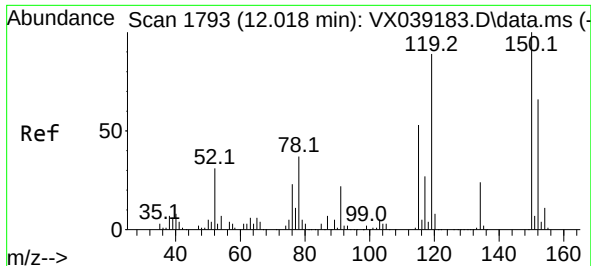
Tgt Ion:106 Resp: 4636

Ion Ratio Lower Upper

106 100

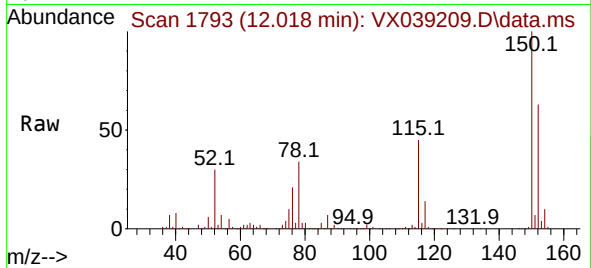
91 226.2 165.5 248.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039209.D
Acq: 14 Dec 2023 15:34

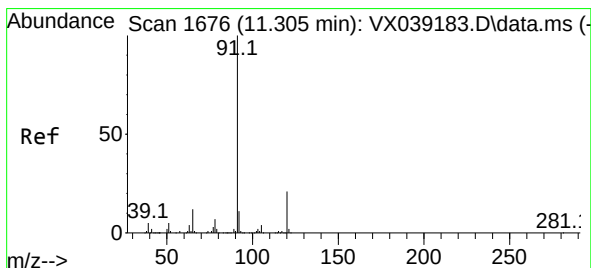
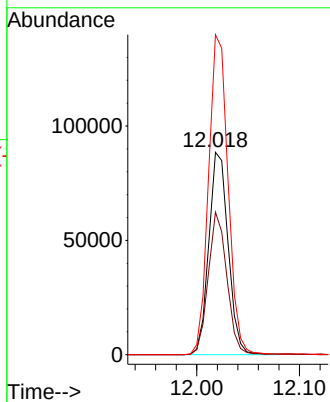
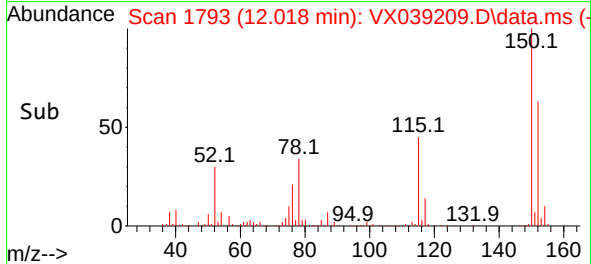
Instrument :
MSVOA_X
ClientSampleId :
MW-9



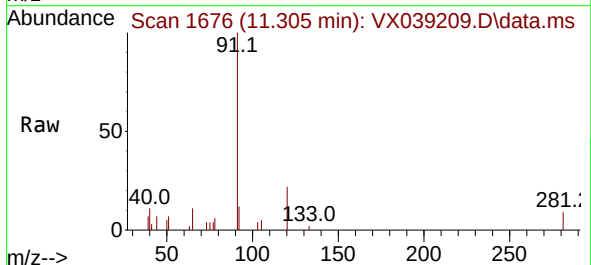
Tgt Ion:152 Resp: 116032
Ion Ratio Lower Upper
152 100
115 67.7 43.3 129.9
150 159.7 0.0 345.0

Manual Integrations
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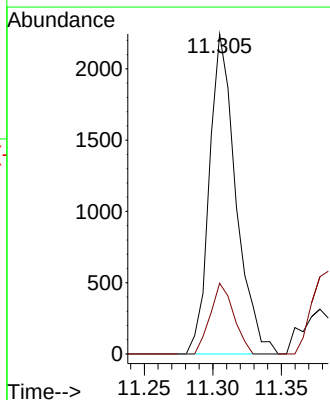
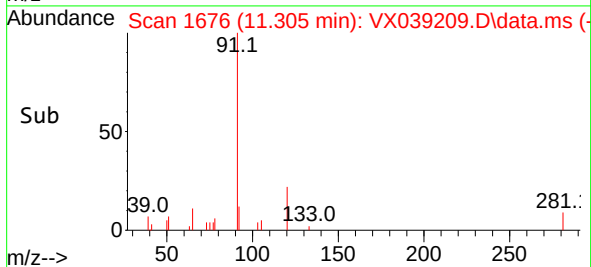
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

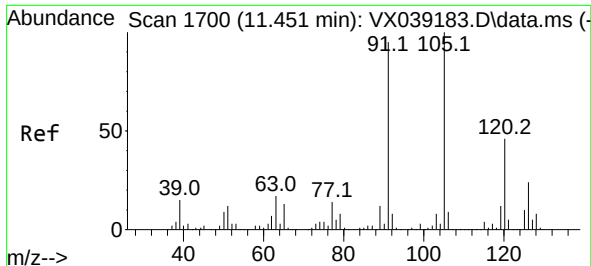


#78
n-propylbenzene
Concen: 0.275 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX039209.D
Acq: 14 Dec 2023 15:34



Tgt Ion: 91 Resp: 3035
Ion Ratio Lower Upper
91 100
120 19.6 11.5 34.4





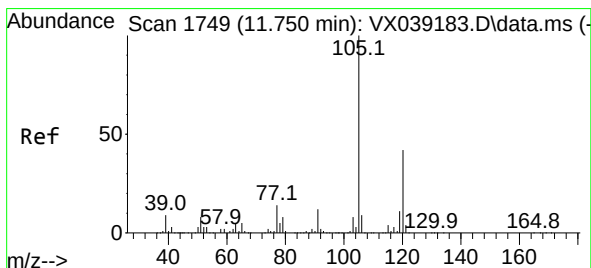
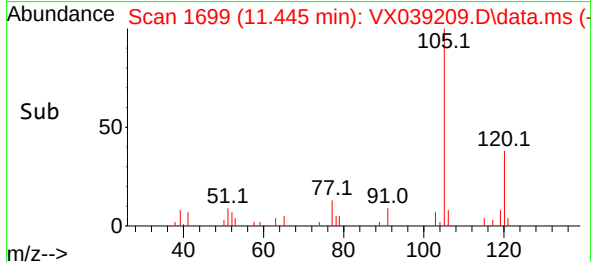
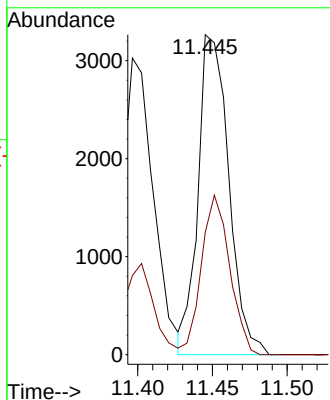
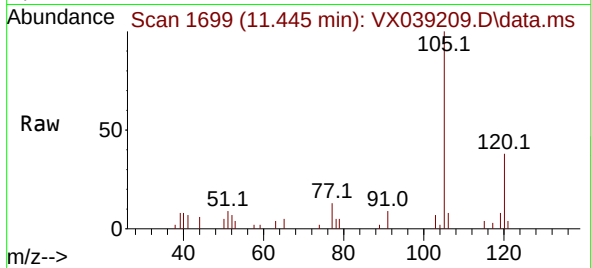
#80
1,3,5-Trimethylbenzene
Concen: 0.612 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX039209.D
Acq: 14 Dec 2023 15:34

Instrument :
MSVOA_X
ClientSampleId :
MW-9

Tgt Ion:105 Resp: 466
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3

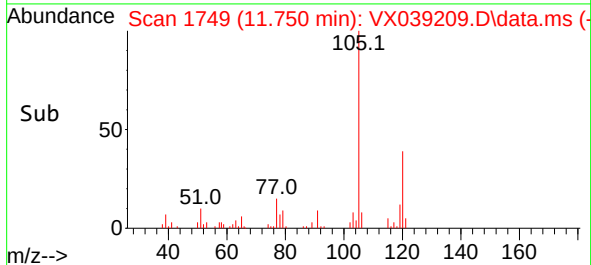
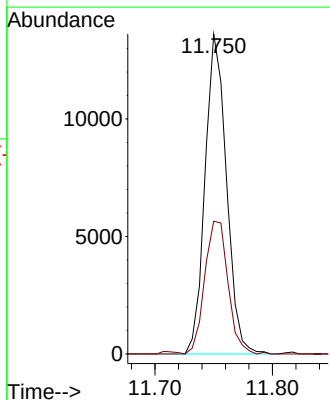
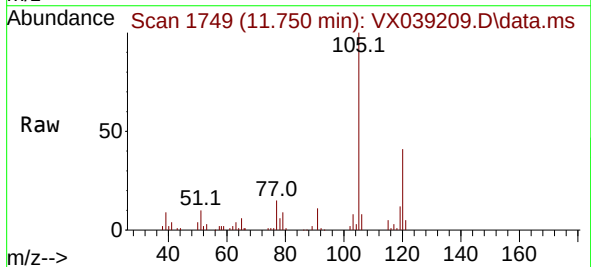
Manual Integrations
APPROVED

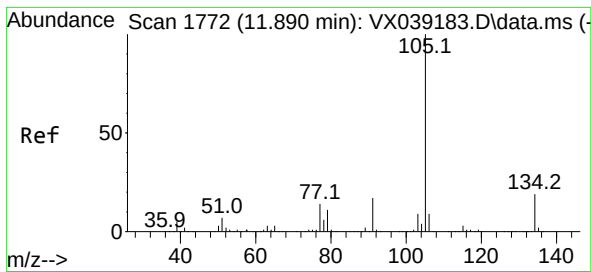
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#84
1,2,4-Trimethylbenzene
Concen: 2.202 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039209.D
Acq: 14 Dec 2023 15:34

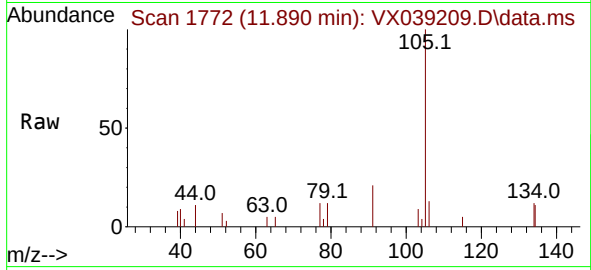
Tgt Ion:105 Resp: 17220
Ion Ratio Lower Upper
105 100
120 45.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 0.296 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039209.D
 Acq: 14 Dec 2023 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9



Tgt Ion:105 Resp: 273
 Ion Ratio Lower Upper
 105 100
 134 30.8 9.8 29.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023

