

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036885.D
 Acq On : 09 Aug 2023 12:12
 Operator : JC/MD
 Sample : 03903-19DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-09WDL

Quant Time: Aug 10 01:15:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2023
 Supervised By : Mahesh Dadoda 08/10/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	135063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245087	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92852	46.462	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.920%		
35) Dibromofluoromethane	5.385	113	78123	46.375	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.760%		
50) Toluene-d8	8.647	98	293360	49.107	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.220%		
62) 4-Bromofluorobenzene	11.079	95	111206	49.340	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.680%		
Target Compounds					Qvalue	
31) Cyclohexane	5.477	56	2647	0.957	ug/l	92
67) Ethyl Benzene	10.195	91	324618	35.612	ug/l	100
68) m/p-Xylenes	10.299	106	313452	92.163	ug/l	99
69) o-Xylene	10.640	106	14492	4.269	ug/l	100
73) Isopropylbenzene	10.963	105	28660	3.418	ug/l	97
78) n-propylbenzene	11.305	91	98533	10.161	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	160755	22.918	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	625562	89.174	ug/l	96
85) sec-Butylbenzene	11.890	105	4846m	0.564	ug/l	
89) n-Butylbenzene	12.323	91	12370	1.954	ug/l #	25

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

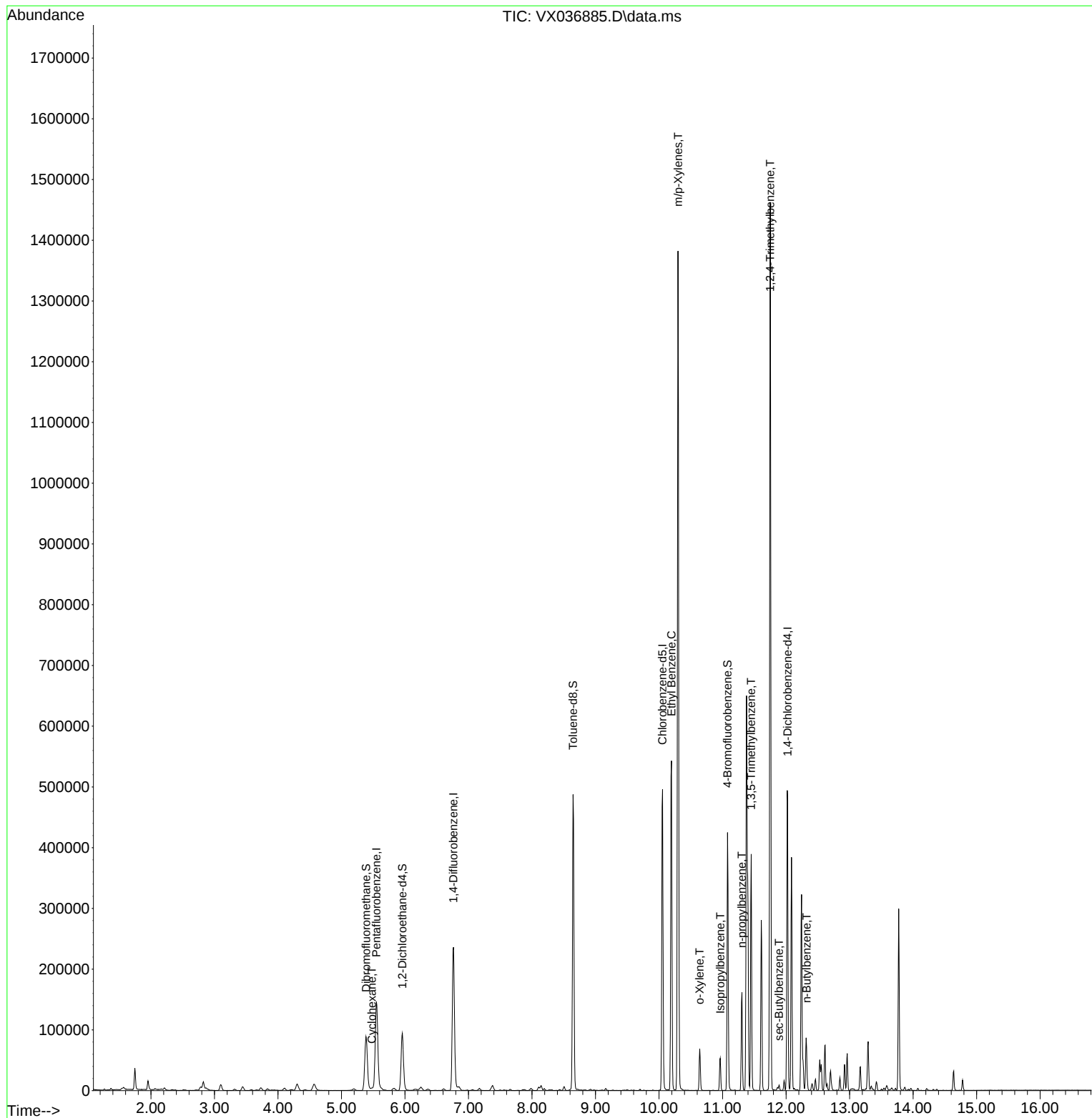
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Data File : VX036885.D
Acq On : 09 Aug 2023 12:12
Operator : JC/MD
Sample : 03903-19DL 100X
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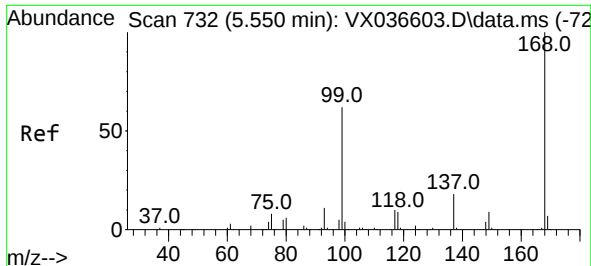
Instrument :
MSVOA_X
ClientSampleId :
MW-09WDL

Quant Time: Aug 10 01:15:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

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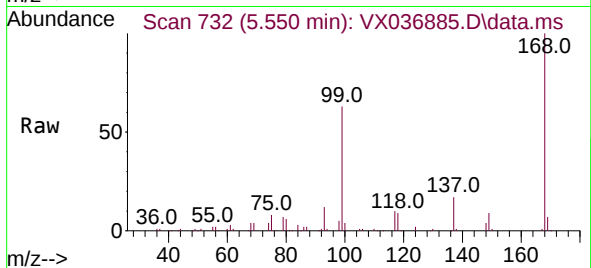
Reviewed By : John Carlone 08/10/2023
Supervised By : Mahesh Dadoda 08/10/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036885.D
Acq: 09 Aug 2023 12:12

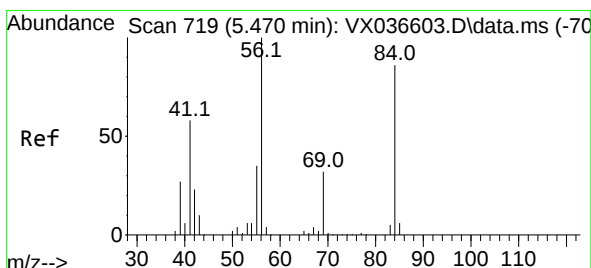
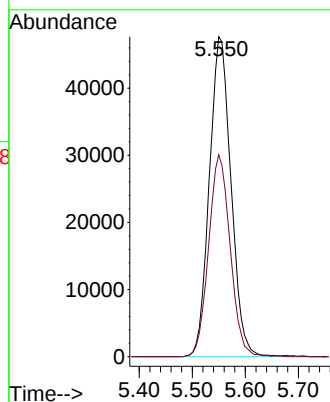
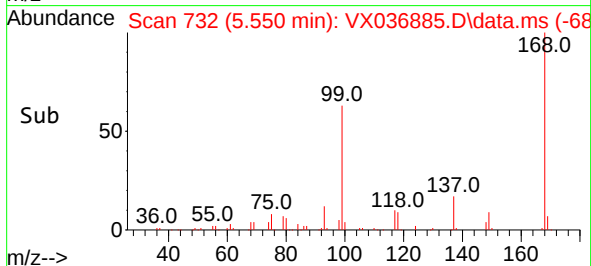
Instrument :
MSVOA_X
ClientSampleId :
MW-09WDL



Tgt Ion:168 Resp: 13506
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0

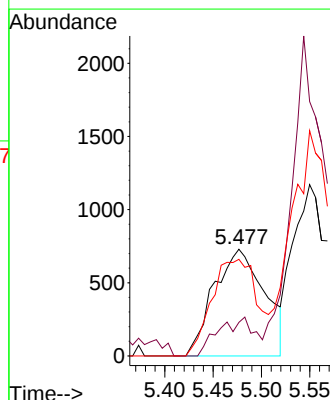
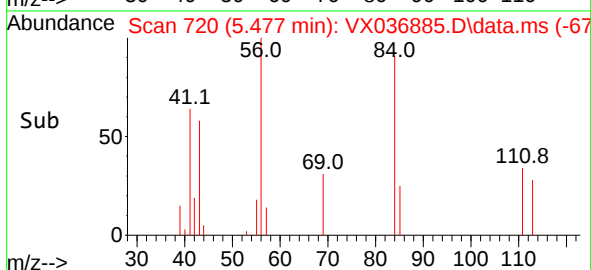
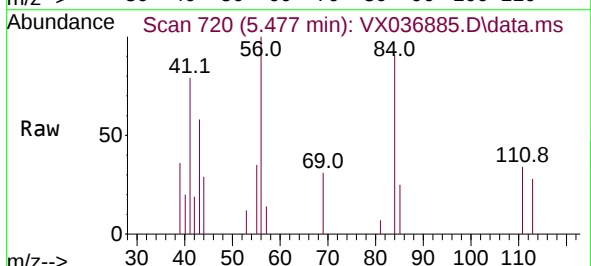
Manual Integrations
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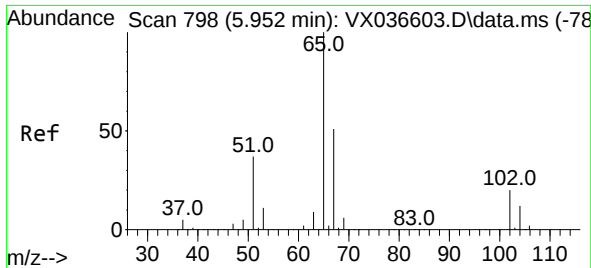
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#31
Cyclohexane
Concen: 0.957 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX036885.D
Acq: 09 Aug 2023 12:12

Tgt Ion: 56 Resp: 2647
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.2
84 90.5 65.9 98.9





#33
 1,2-Dichloroethane-d4
 Concen: 46.462 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036885.D
 Acq: 09 Aug 2023 12:12

Instrument :

MSVOA_X

Client SampleId :

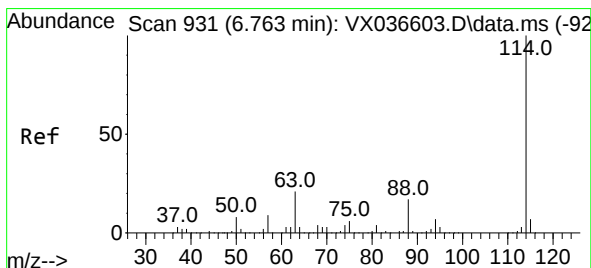
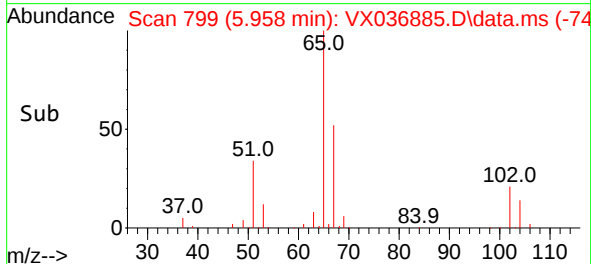
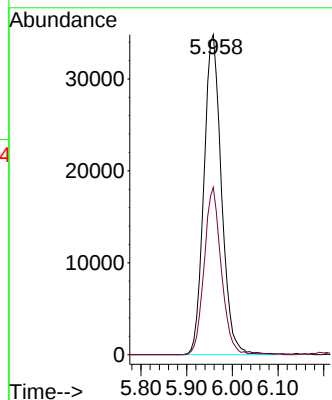
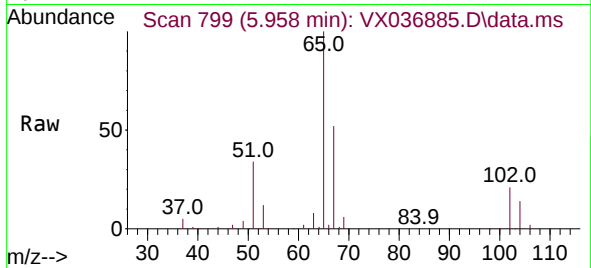
MW-09WDL

Tgt Ion: 65 Resp: 92852
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.2

Manual Integrations

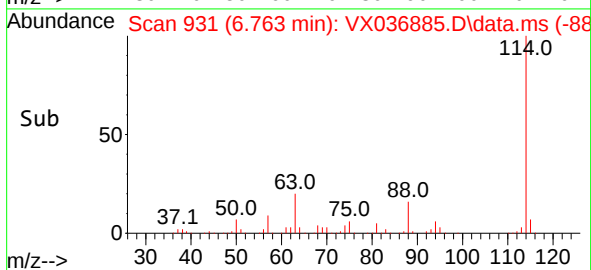
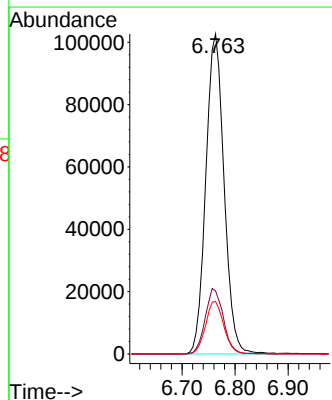
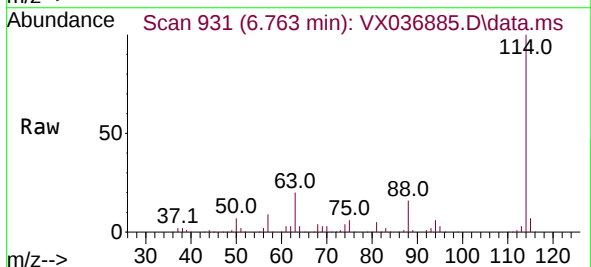
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Reviewed By :John Carlone 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036885.D
 Acq: 09 Aug 2023 12:12

Tgt Ion:114 Resp: 245087
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 45.0
 88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.375 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036885.D

Acq: 09 Aug 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

MW-09WDL

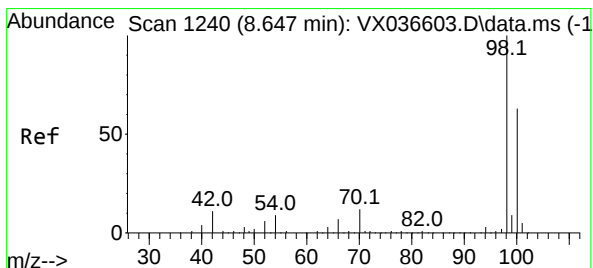
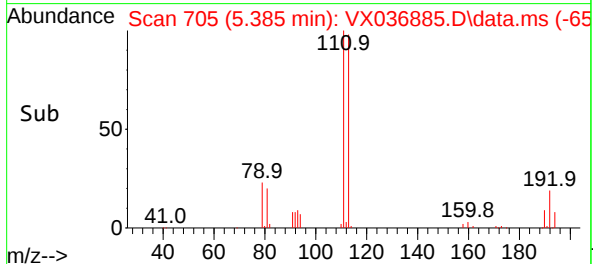
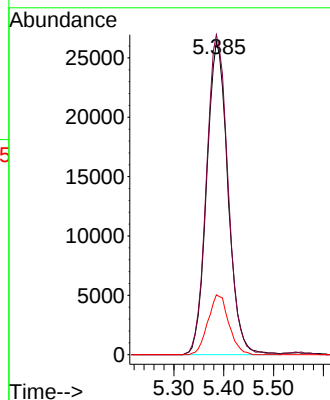
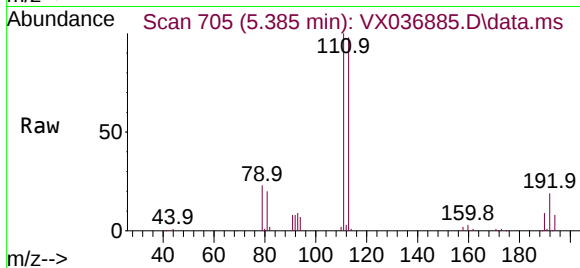
Tgt Ion:113	Resp:	7812
Ion Ratio	Lower	Upper
113	100	
111	103.2	82.9 124.3
192	18.7	13.3 19.9

Manual Integrations

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#50

Toluene-d8

Concen: 49.107 ug/l

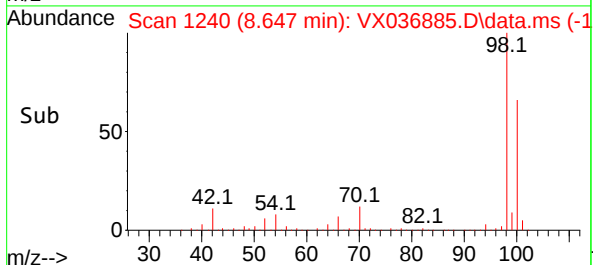
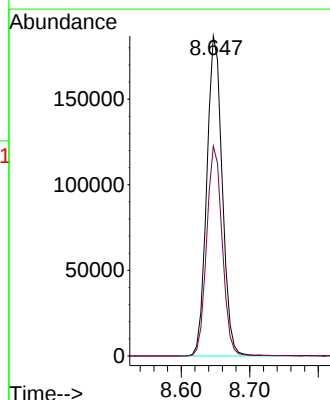
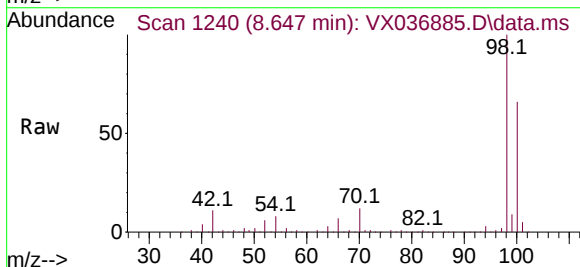
RT: 8.647 min Scan# 1240

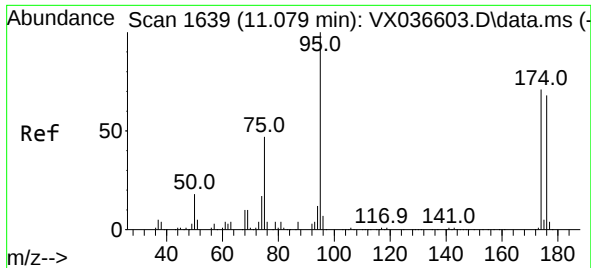
Delta R.T. 0.000 min

Lab File: VX036885.D

Acq: 09 Aug 2023 12:12

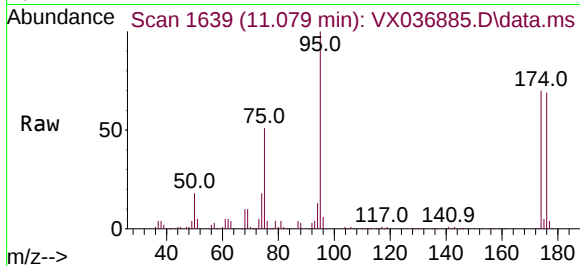
Tgt Ion: 98	Resp:	293360
Ion Ratio	Lower	Upper
98	100	
100	65.8	53.1 79.7





#62
4-Bromofluorobenzene
Concen: 49.340 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036885.D
Acq: 09 Aug 2023 12:12

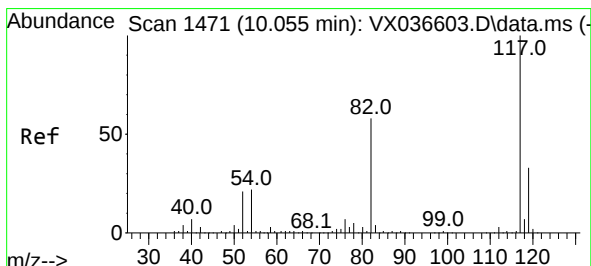
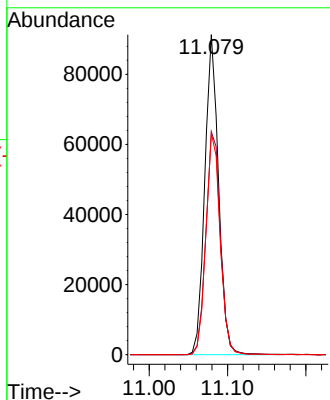
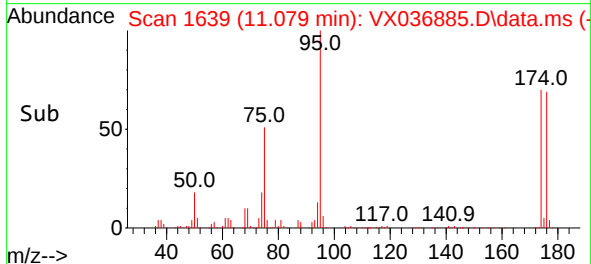
Instrument :
MSVOA_X
ClientSampleId :
MW-09WDL



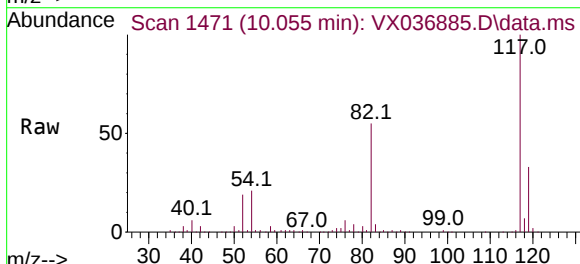
Tgt Ion: 95 Resp: 111200
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 71.5 0.0 131.0

Manual Integrations
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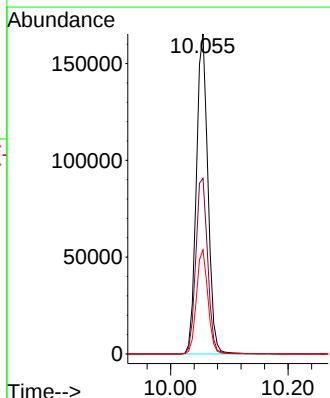
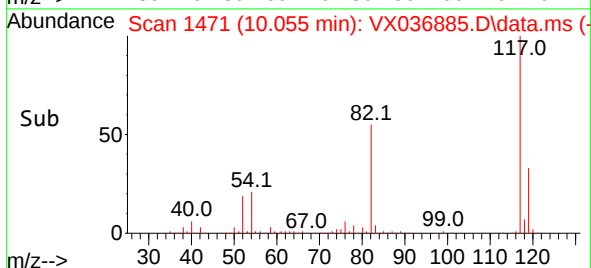
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

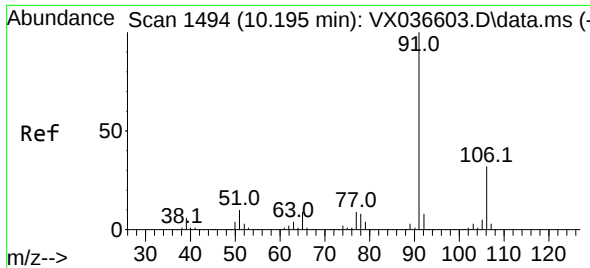


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036885.D
Acq: 09 Aug 2023 12:12



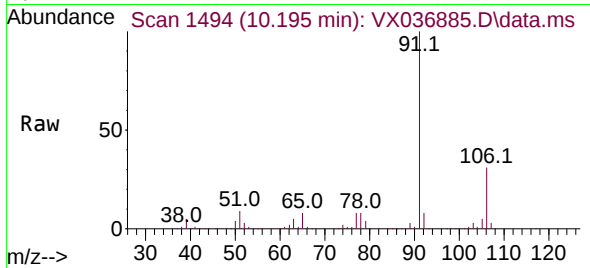
Tgt Ion:117 Resp: 226368
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 32.6 25.5 38.3





#67
Ethyl Benzene
Concen: 35.612 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036885.D
Acq: 09 Aug 2023 12:12

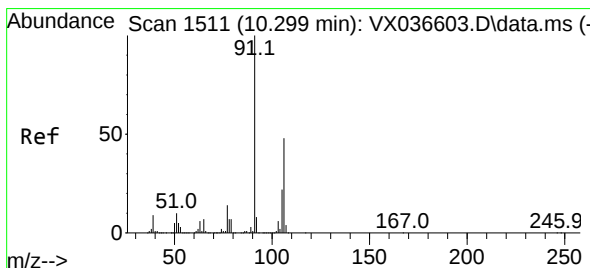
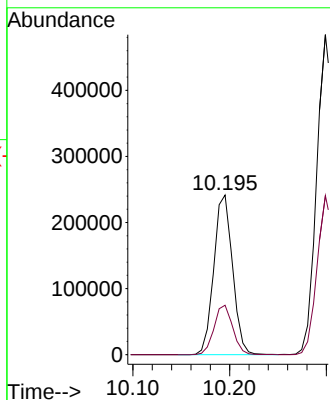
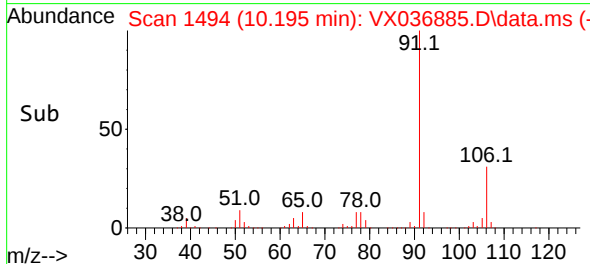
Instrument :
MSVOA_X
ClientSampleId :
MW-09WDL



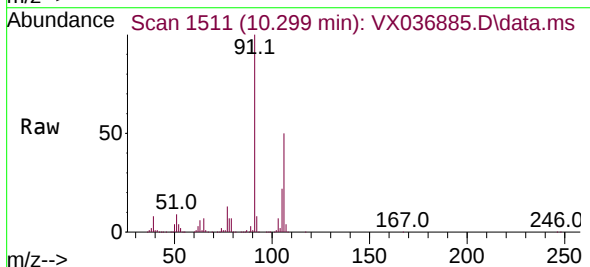
Tgt Ion: 91 Resp: 324618
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

Manual Integrations
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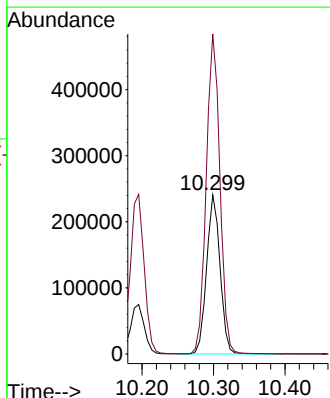
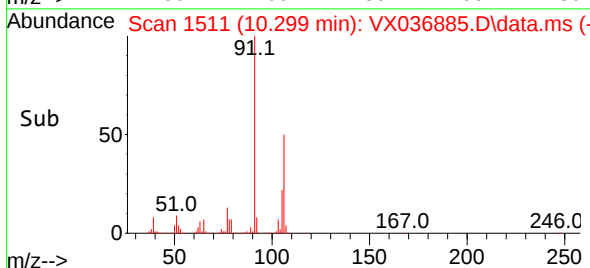
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

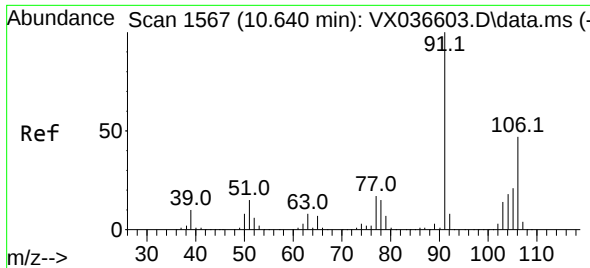


#68
m/p-Xylenes
Concen: 92.163 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036885.D
Acq: 09 Aug 2023 12:12



Tgt Ion:106 Resp: 313452
Ion Ratio Lower Upper
106 100
91 204.6 165.5 248.3





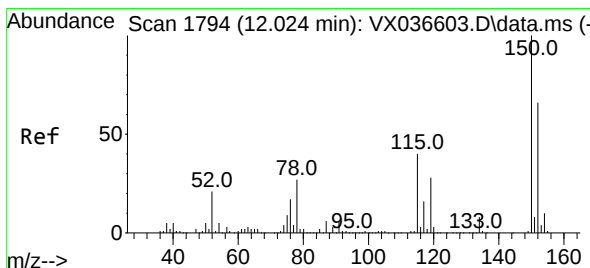
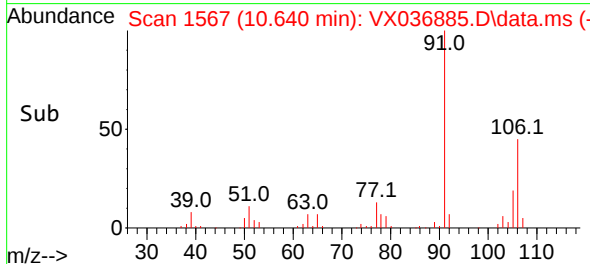
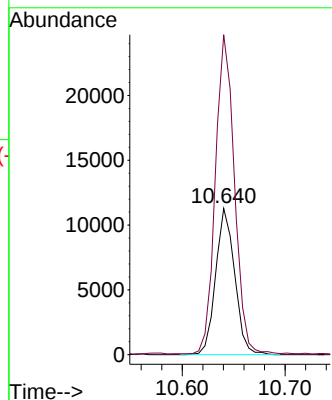
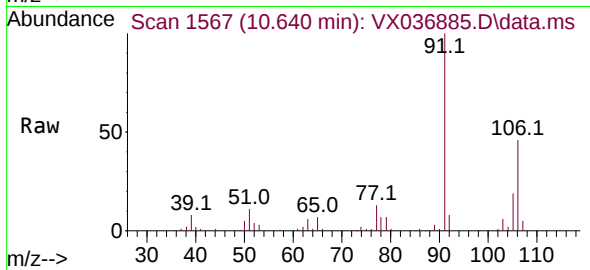
#69
o-Xylene
Concen: 4.269 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036885.D
Acq: 09 Aug 2023 12:12

Instrument :
MSVOA_X
ClientSampleId :
MW-09WDL

Tgt Ion:106 Resp: 1449
Ion Ratio Lower Upper
106 100
91 218.4 108.9 326.8

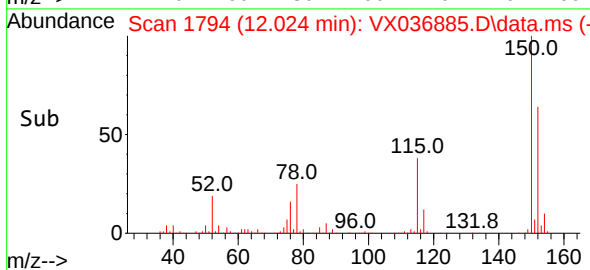
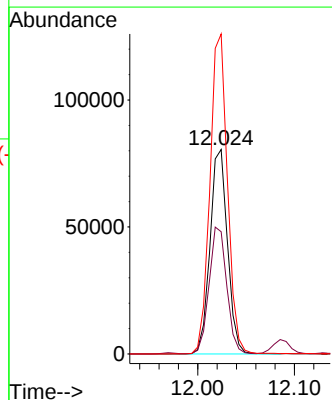
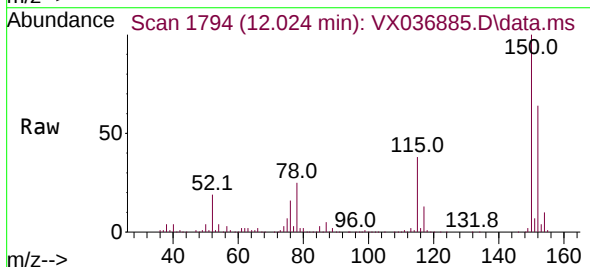
Manual Integrations
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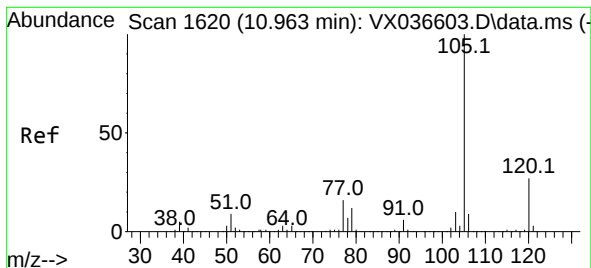
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036885.D
Acq: 09 Aug 2023 12:12

Tgt Ion:152 Resp: 101316
Ion Ratio Lower Upper
152 100
115 62.4 43.3 129.9
150 156.9 0.0 345.0





#73

Isopropylbenzene

Concen: 3.418 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036885.D

Acq: 09 Aug 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

MW-09WDL

Tgt Ion:105 Resp: 28660

Ion Ratio Lower Upper

105 100

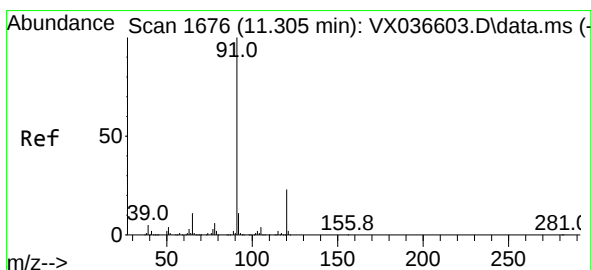
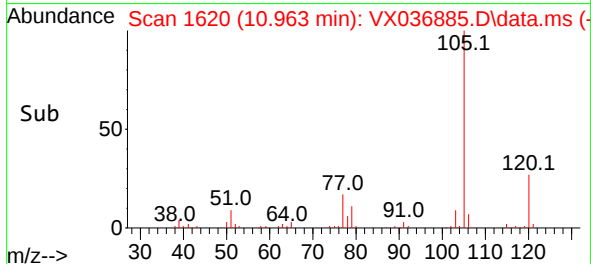
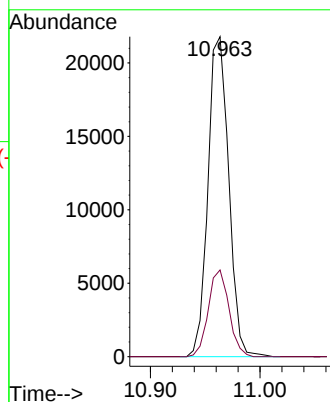
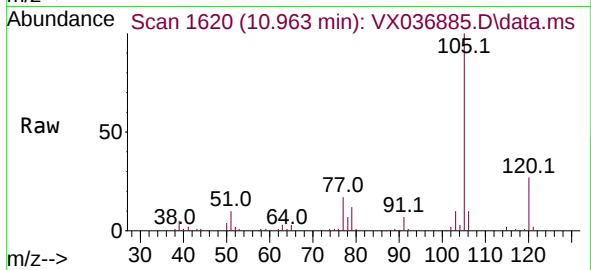
120 27.0 12.9 38.6

Manual Integrations

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Reviewed By :John Carlone 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#78

n-propylbenzene

Concen: 10.161 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036885.D

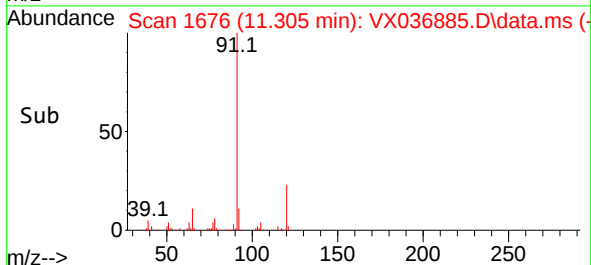
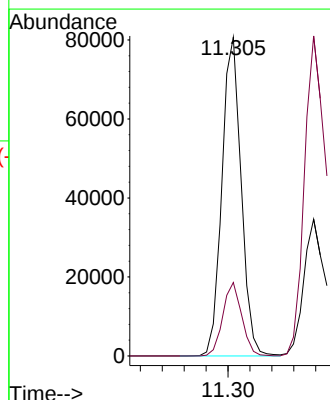
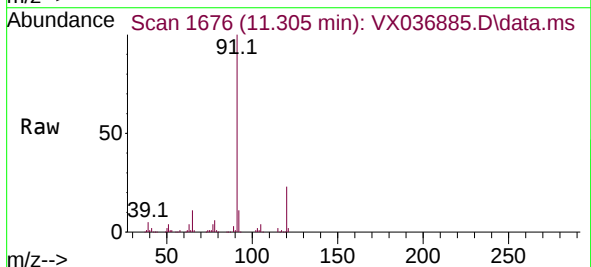
Acq: 09 Aug 2023 12:12

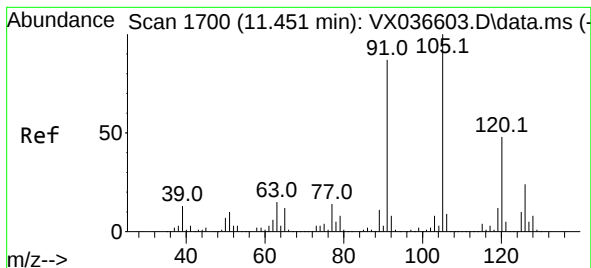
Tgt Ion: 91 Resp: 98533

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 22.918 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036885.D

Acq: 09 Aug 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

MW-09WDL

Tgt Ion:105 Resp: 16075

Ion Ratio Lower Upper

105 100

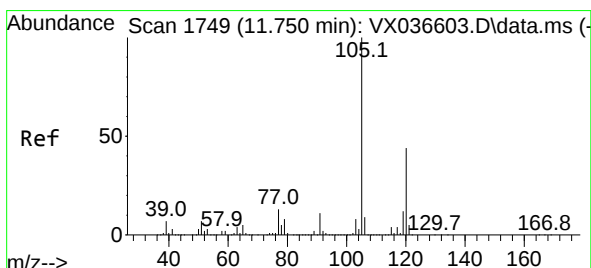
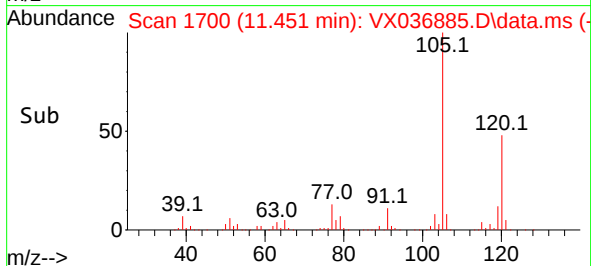
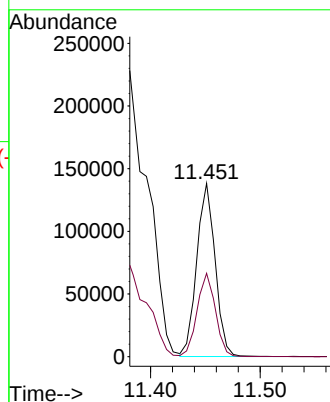
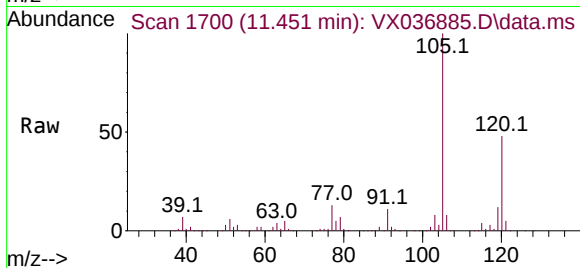
120 48.1 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#84

1,2,4-Trimethylbenzene

Concen: 89.174 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036885.D

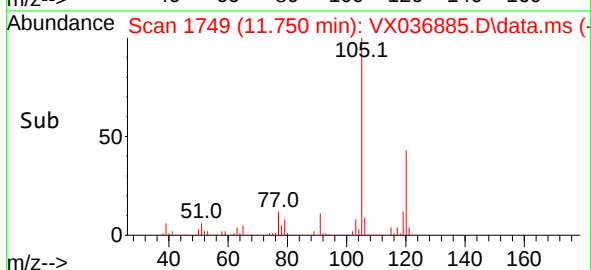
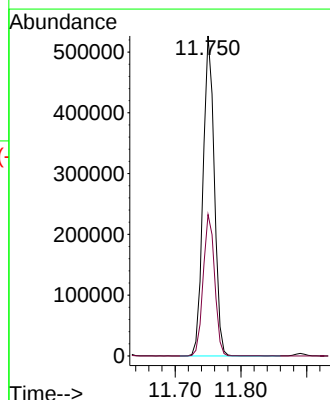
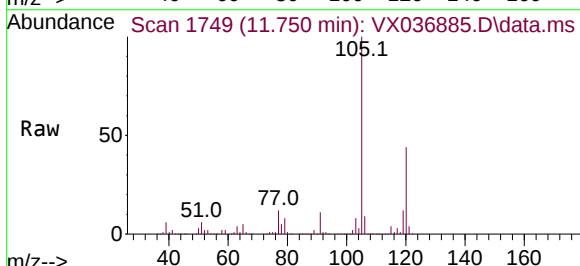
Acq: 09 Aug 2023 12:12

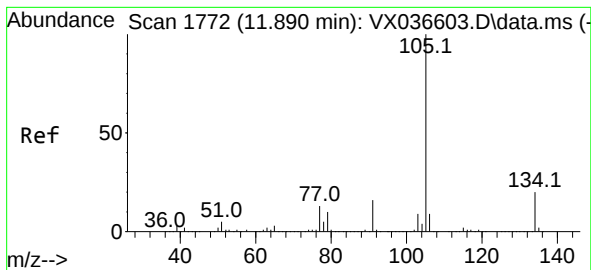
Tgt Ion:105 Resp: 625562

Ion Ratio Lower Upper

105 100

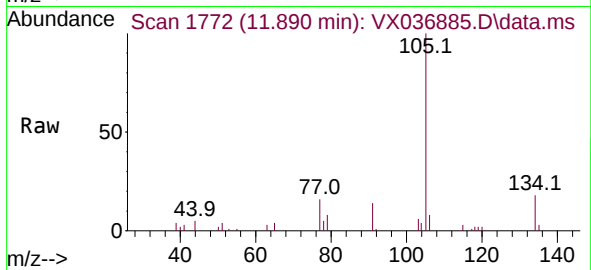
120 45.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 0.564 ug/l m
 RT: 11.890 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX036885.D
 Acq: 09 Aug 2023 12:12

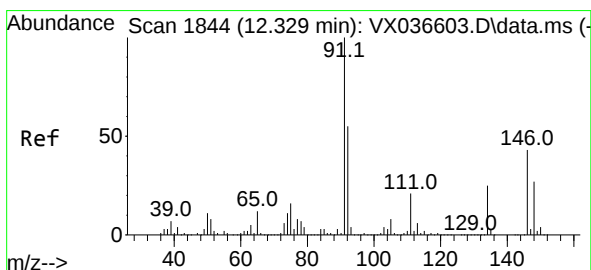
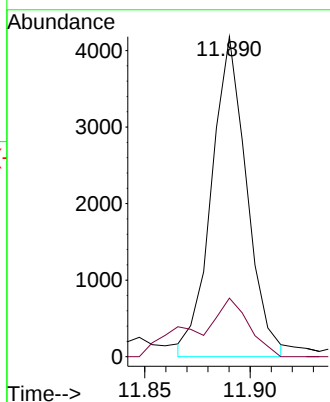
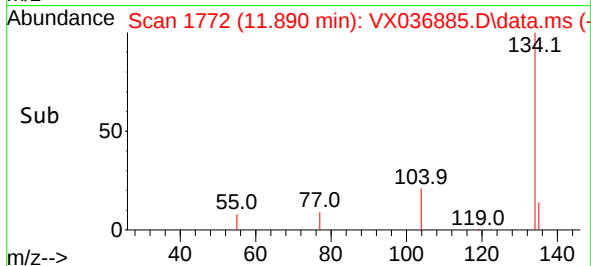
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-09WDL



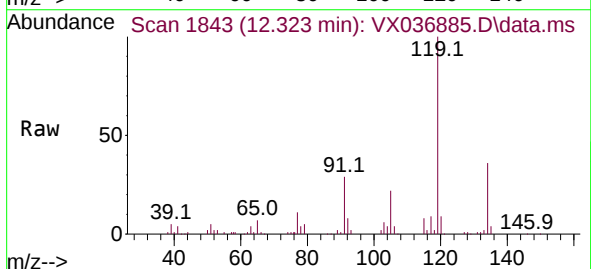
Tgt Ion:105 Resp: 4840
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4

Manual Integrations
 APPROVED

Reviewed By :John Carbone 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023



#89
 n-Butylbenzene
 Concen: 1.954 ug/l
 RT: 12.323 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: VX036885.D
 Acq: 09 Aug 2023 12:12



Tgt Ion: 91 Resp: 12370
 Ion Ratio Lower Upper
 91 100
 92 31.3 27.4 82.0
 134 109.3 12.6 37.8

