

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036867.D
 Acq On : 08 Aug 2023 16:27
 Operator : JC/MD
 Sample : 03903-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-07W

Quant Time: Aug 09 04:16:32 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 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	121448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86359	48.057	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.120%		
35) Dibromofluoromethane	5.391	113	71796	46.756	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.520%		
50) Toluene-d8	8.653	98	267559	49.135	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.280%		
62) 4-Bromofluorobenzene	11.079	95	100039	48.694	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.380%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	3187	4.274	ug/l #	88
39) Methylcyclohexane	7.385	83	1761	0.619	ug/l #	75
52) Toluene	8.720	92	11752	2.817	ug/l	95
64) Tetrachloroethene	9.275	164	4713	3.075	ug/l	96
67) Ethyl Benzene	10.195	91	265156	32.046	ug/l	100
68) m/p-Xylenes	10.299	106	363657	117.794	ug/l	98
69) o-Xylene	10.640	106	126369	41.008	ug/l	99
73) Isopropylbenzene	10.963	105	37493	4.972	ug/l	98
78) n-propylbenzene	11.305	91	115176	13.207	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	108999	17.278	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	343535	54.452	ug/l	96
85) sec-Butylbenzene	11.890	105	8715m	1.128	ug/l	
86) p-Isopropyltoluene	12.012	119	3351	0.527	ug/l	88
89) n-Butylbenzene	12.329	91	15514	2.725	ug/l #	33

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

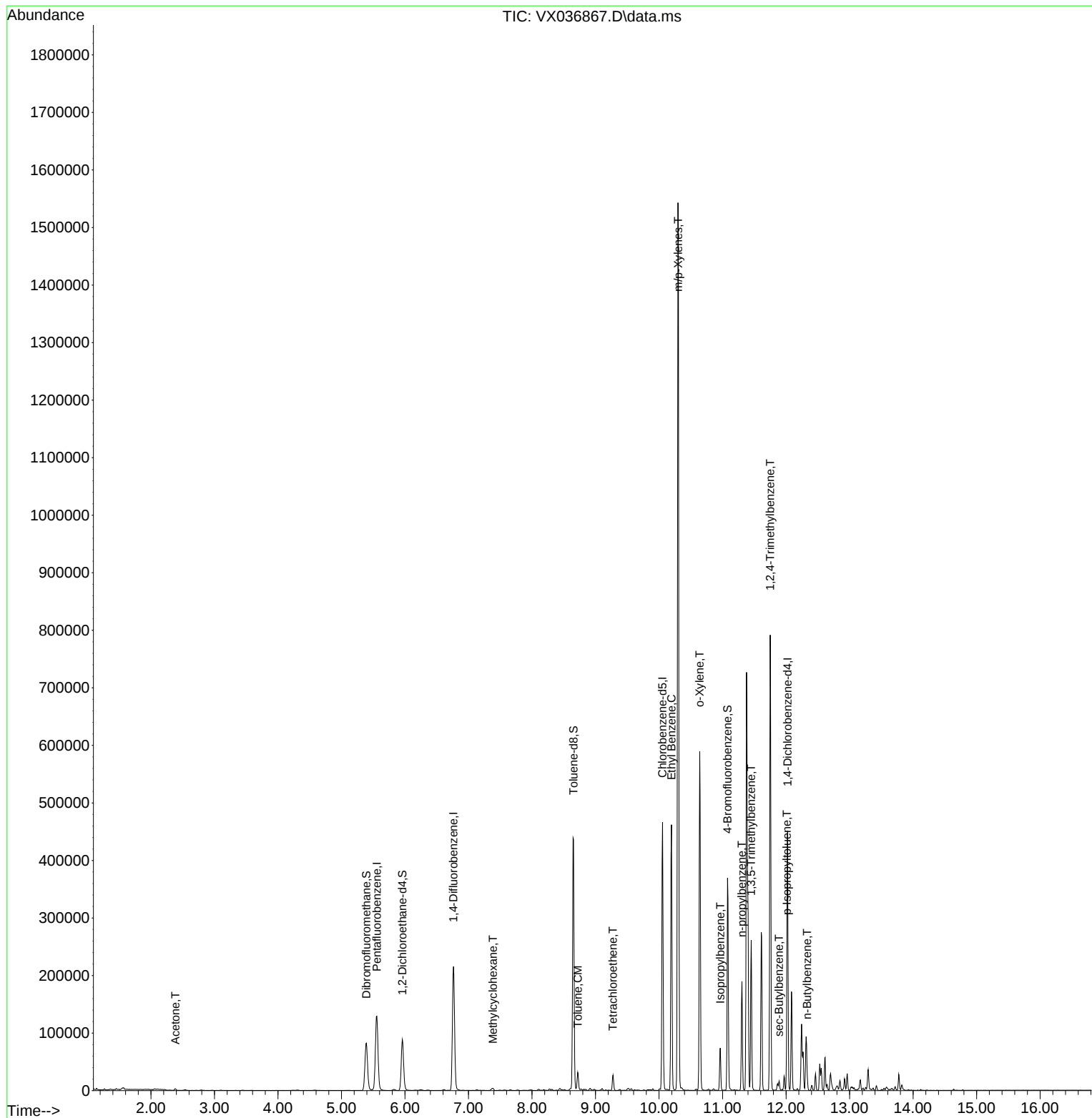
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
Data File : VX036867.D
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Quant Time: Aug 09 04:16:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

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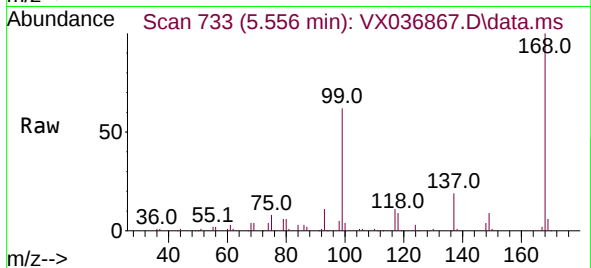
Reviewed By : John Carlone 08/09/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27

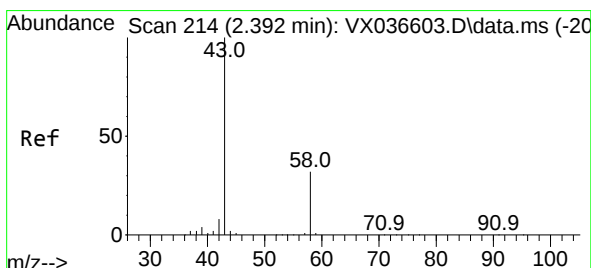
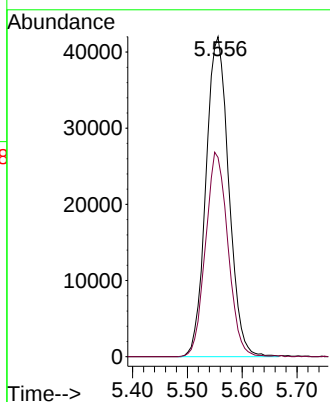
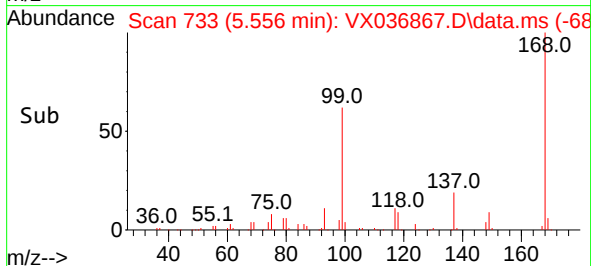
Instrument :
MSVOA_X
ClientSampleId :
MW-07W



Tgt Ion:168 Resp: 121448
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0

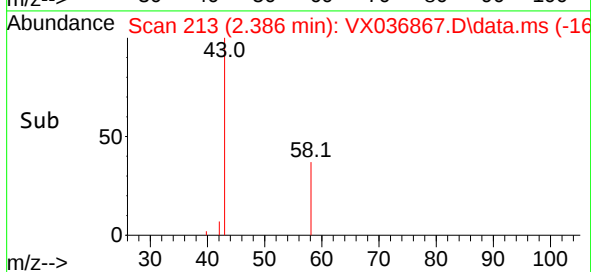
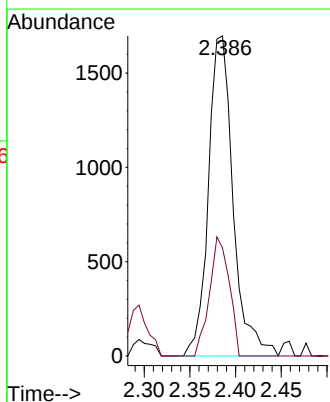
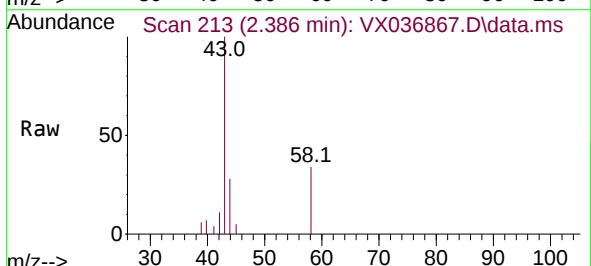
Manual Integrations
APPROVED

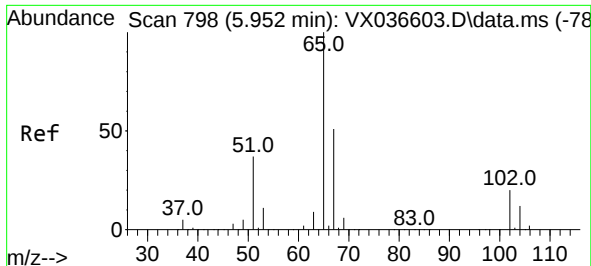
Reviewed By :John Carlone 08/09/2023
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#16
Acetone
Concen: 4.274 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27

Tgt Ion: 43 Resp: 3187
Ion Ratio Lower Upper
43 100
58 33.7 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 48.057 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036867.D

Acq: 08 Aug 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

MW-07W

Tgt Ion: 65 Resp: 8635

Ion Ratio Lower Upper

65 100

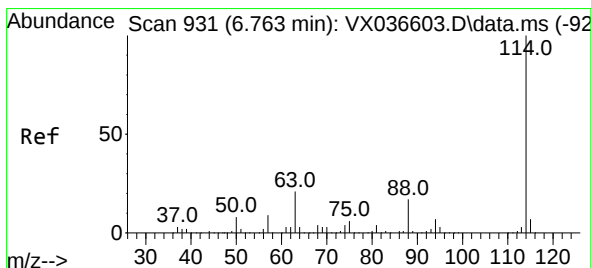
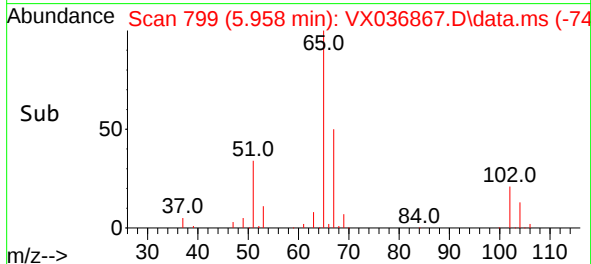
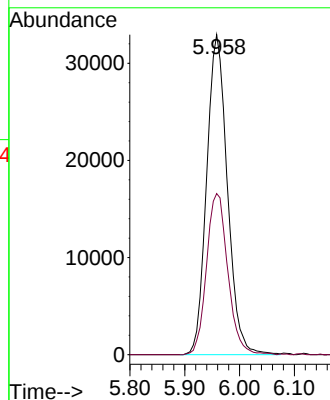
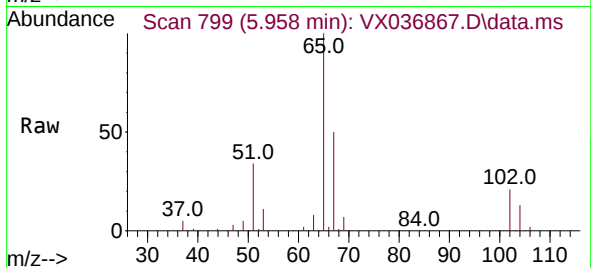
67 51.7 0.0 100.2

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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: VX036867.D

Acq: 08 Aug 2023 16:27

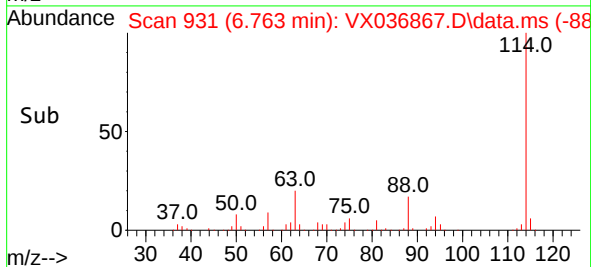
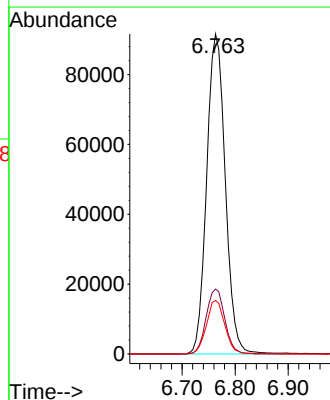
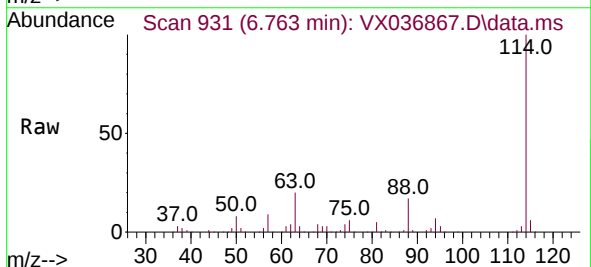
Tgt Ion:114 Resp: 223402

Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.756 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036867.D

Acq: 08 Aug 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

MW-07W

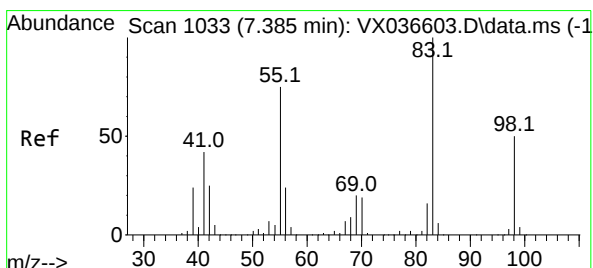
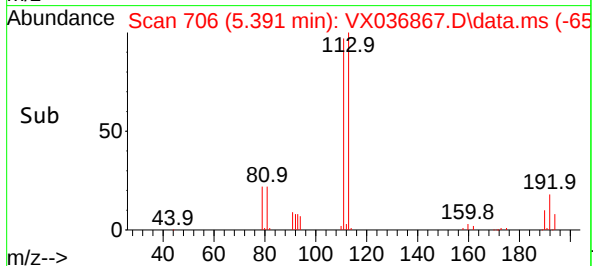
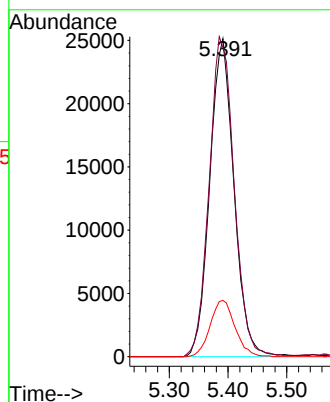
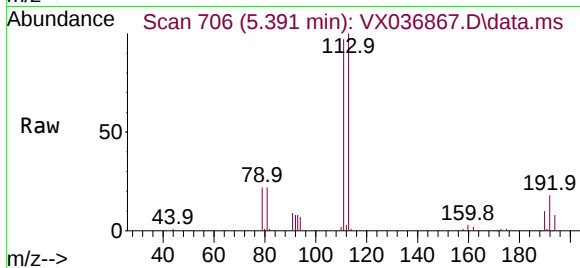
Tgt Ion:	113	Resp:	71790
Ion Ratio	Lower	Upper	
113	100		
111	104.2	82.9	124.3
192	18.3	13.3	19.9

Manual Integrations

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#39

Methylcyclohexane

Concen: 0.619 ug/l

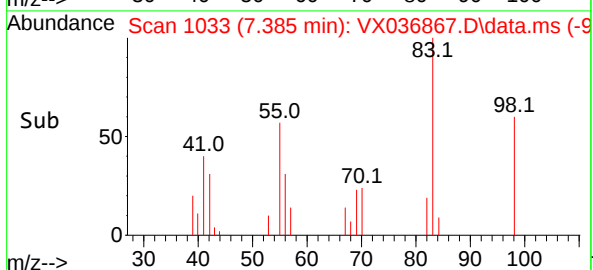
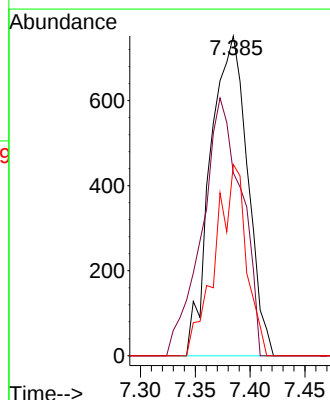
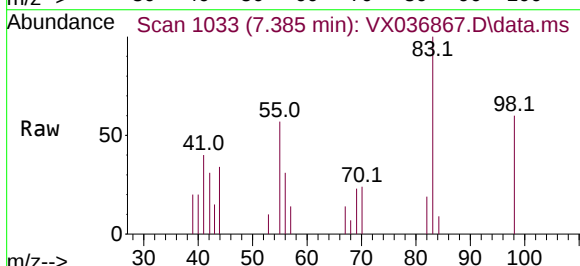
RT: 7.385 min Scan# 1033

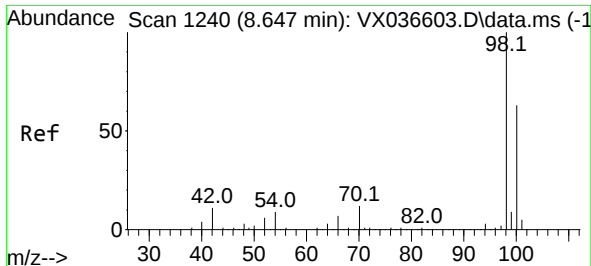
Delta R.T. -0.000 min

Lab File: VX036867.D

Acq: 08 Aug 2023 16:27

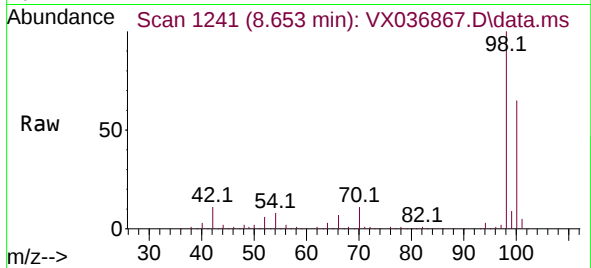
Tgt Ion:	83	Resp:	1761
Ion Ratio	Lower	Upper	
83	100		
55	57.2	64.6	97.0#
98	59.8	36.7	55.1#





#50
Toluene-d8
Concen: 49.135 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27

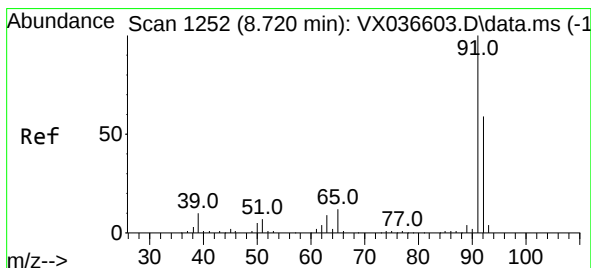
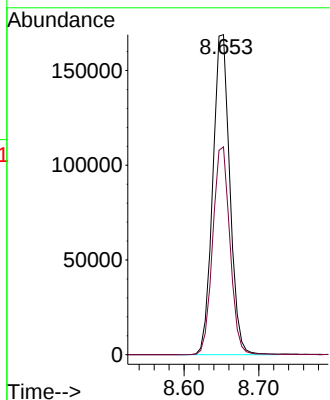
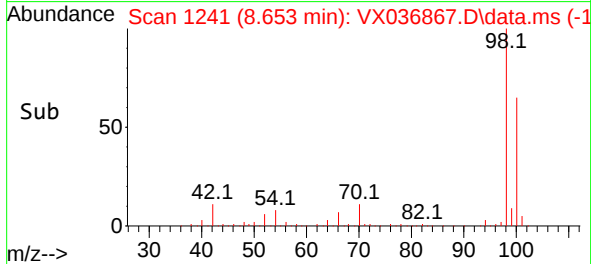
Instrument :
MSVOA_X
ClientSampleId :
MW-07W



Tgt Ion: 98 Resp: 26755
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

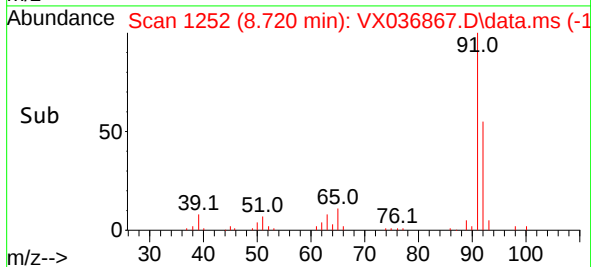
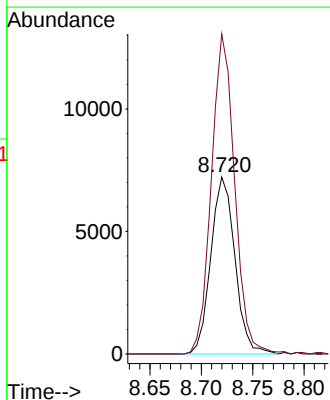
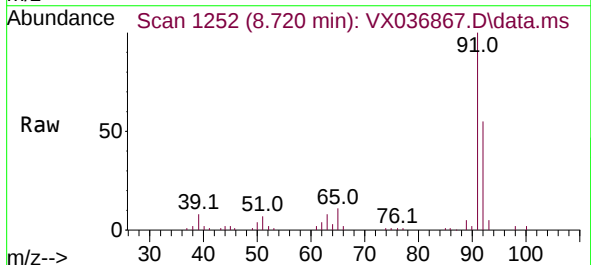
Manual Integrations
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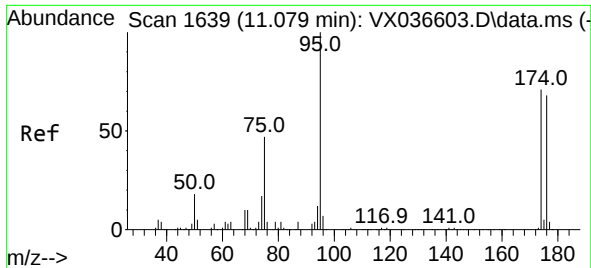
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#52
Toluene
Concen: 2.817 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27

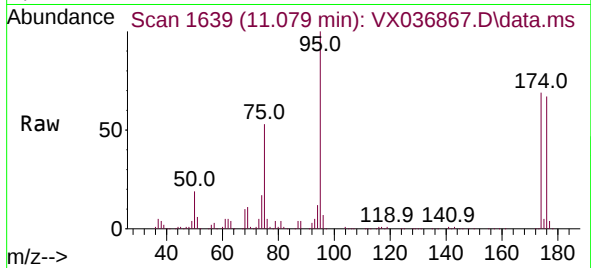
Tgt Ion: 92 Resp: 11752
Ion Ratio Lower Upper
92 100
91 174.8 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 48.694 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27

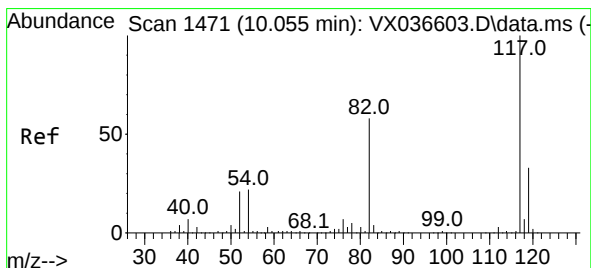
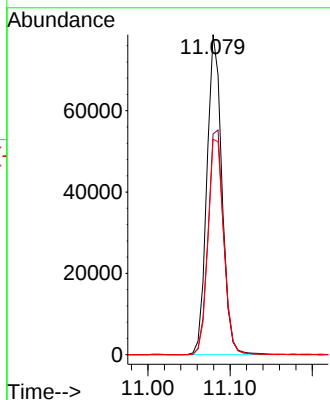
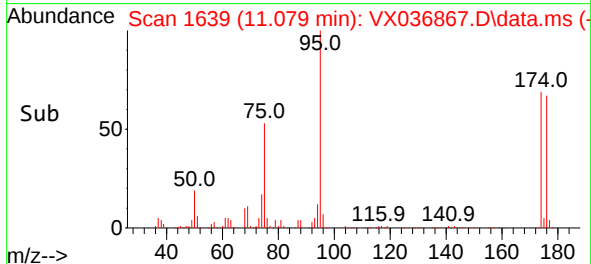
Instrument :
MSVOA_X
ClientSampleId :
MW-07W



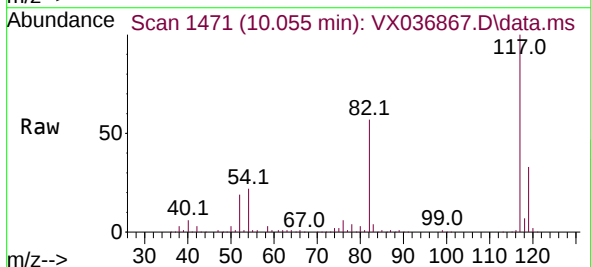
Tgt Ion: 95 Resp: 100039
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.6
176 70.7 0.0 131.0

Manual Integrations
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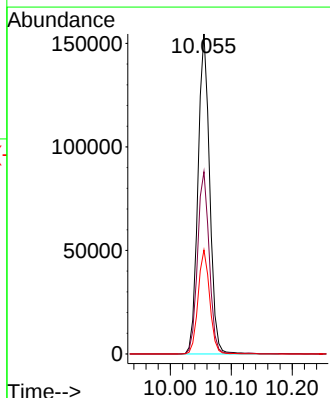
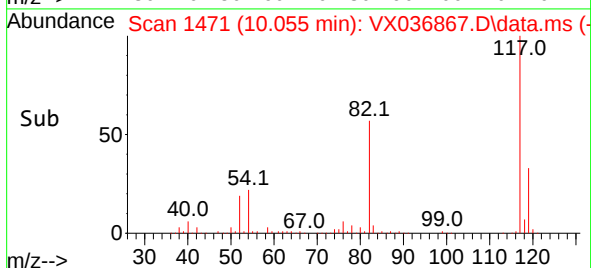
Reviewed By :John Carlone 08/09/2023
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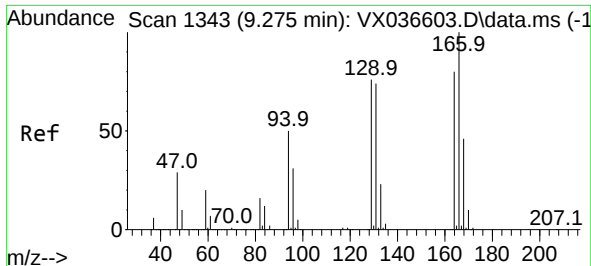


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27



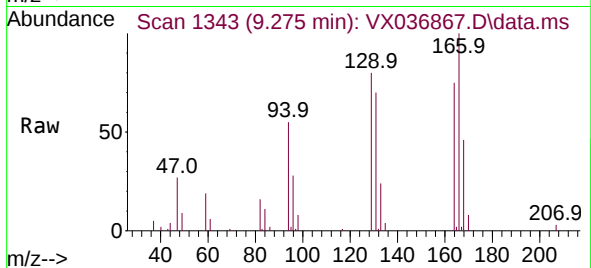
Tgt Ion:117 Resp: 205480
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 32.5 25.5 38.3





#64
Tetrachloroethene
Concen: 3.075 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27

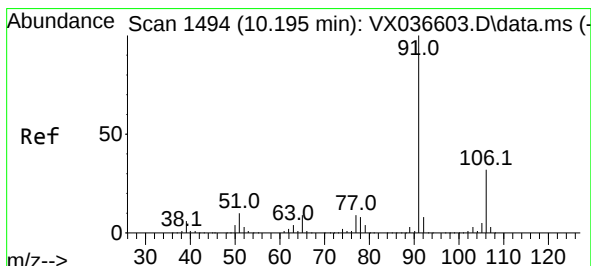
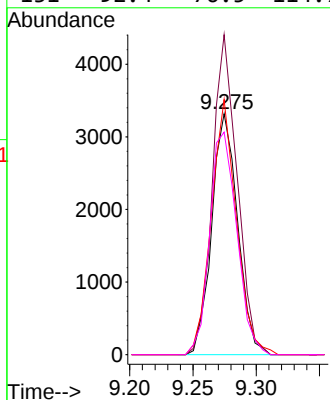
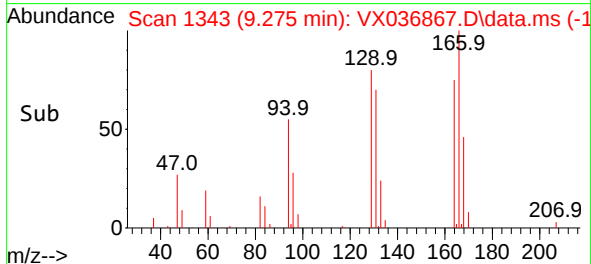
Instrument :
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ClientSampleId :
MW-07W



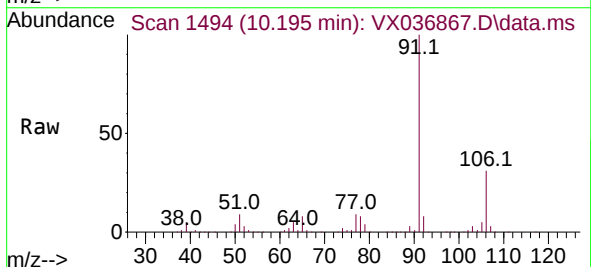
Tgt Ion:164 Resp: 4711
Ion Ratio Lower Upper
164 100
166 132.8 102.7 154.1
129 105.9 80.4 120.6
131 92.4 76.5 114.7

Manual Integrations
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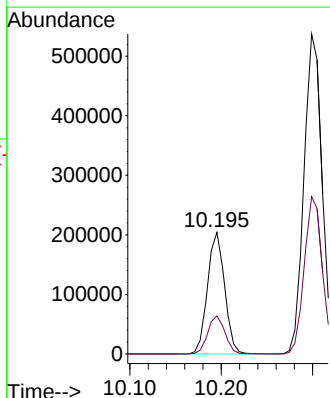
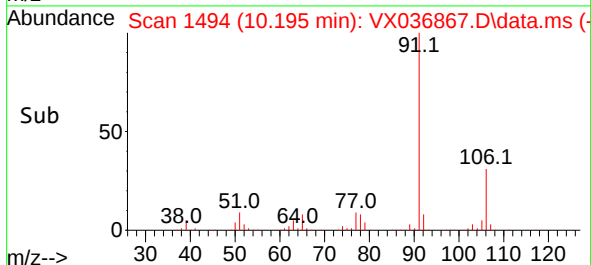
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

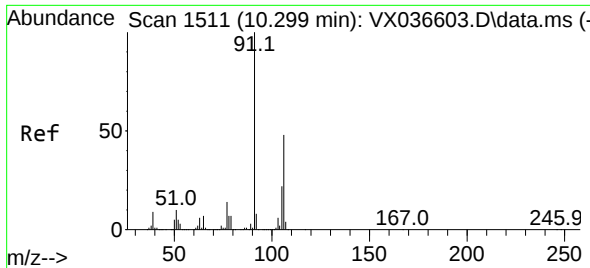


#67
Ethyl Benzene
Concen: 32.046 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27



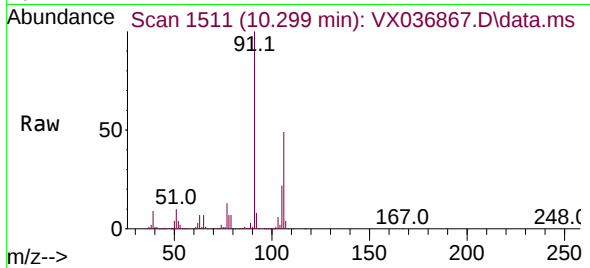
Tgt Ion: 91 Resp: 265156
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3





#68
m/p-Xylenes
Concen: 117.794 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27

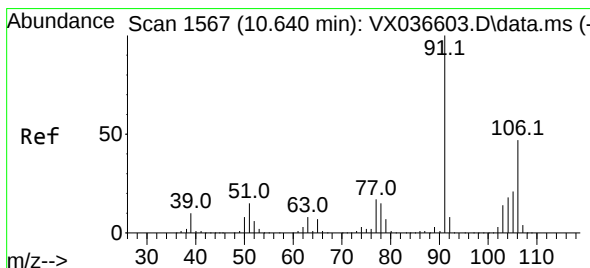
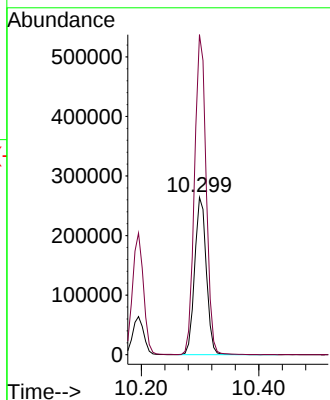
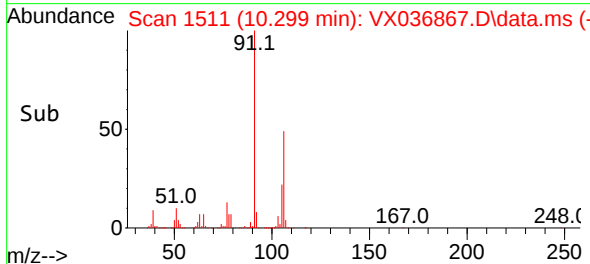
Instrument :
MSVOA_X
ClientSampleId :
MW-07W



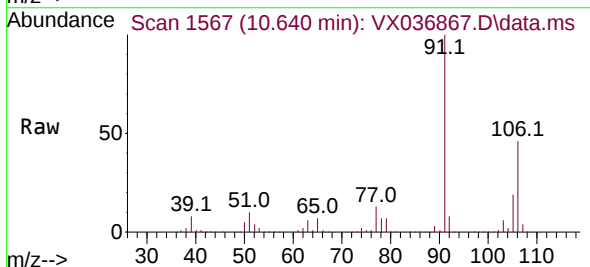
Tgt Ion:106 Resp: 36365
Ion Ratio Lower Upper
106 100
91 203.4 165.5 248.3

Manual Integrations
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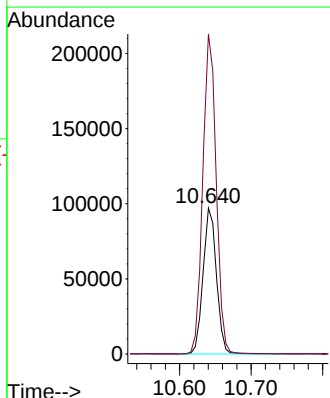
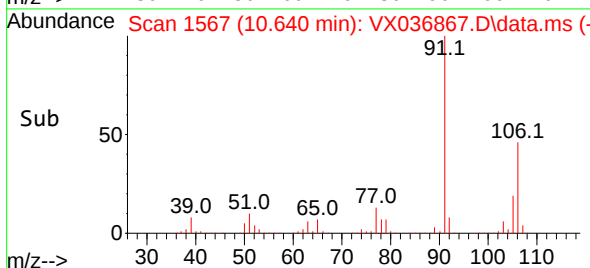
Reviewed By :John Carlone 08/09/2023
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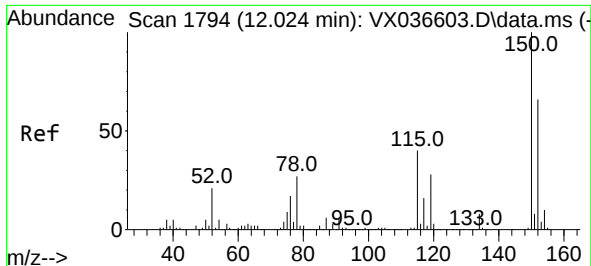


#69
o-Xylene
Concen: 41.008 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27



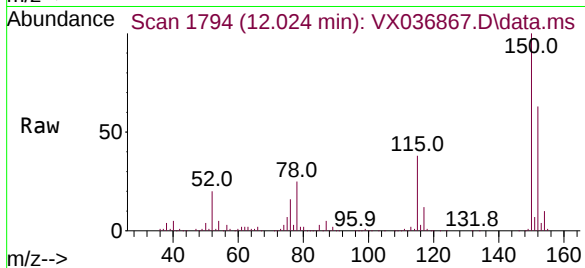
Tgt Ion:106 Resp: 126369
Ion Ratio Lower Upper
106 100
91 219.9 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27

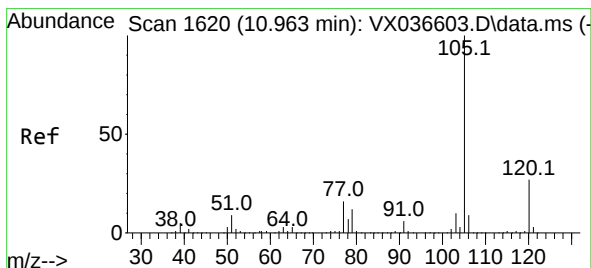
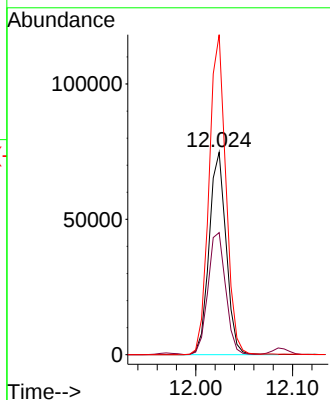
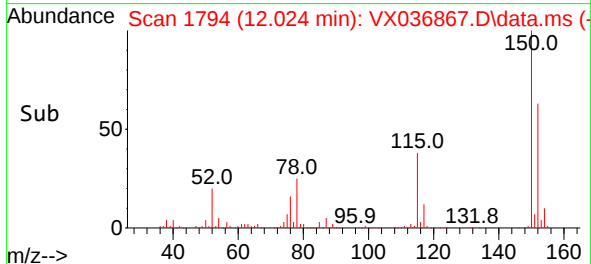
Instrument :
MSVOA_X
ClientSampleId :
MW-07W



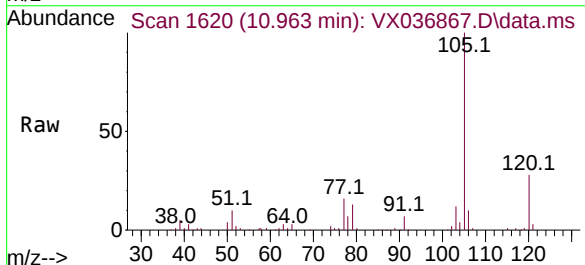
Tgt Ion:152 Resp: 91118
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 157.2 0.0 345.0

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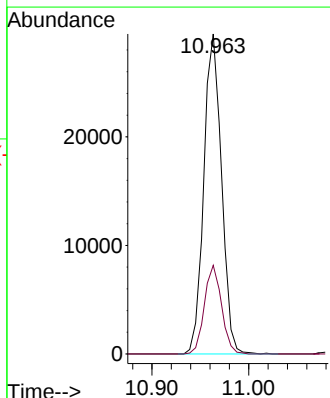
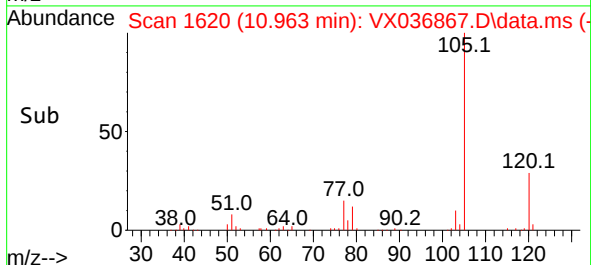
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

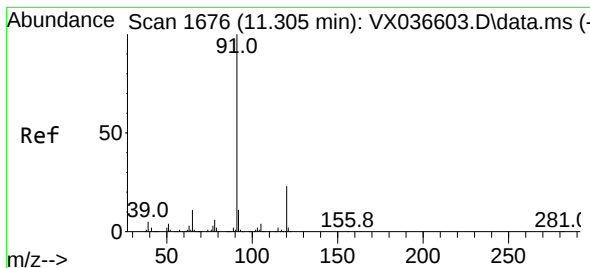


#73
Isopropylbenzene
Concen: 4.972 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27



Tgt Ion:105 Resp: 37493
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6





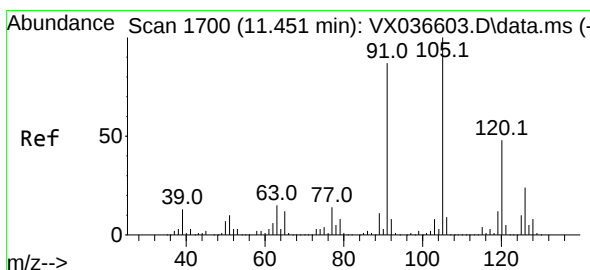
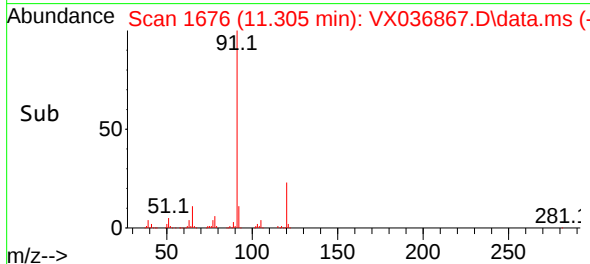
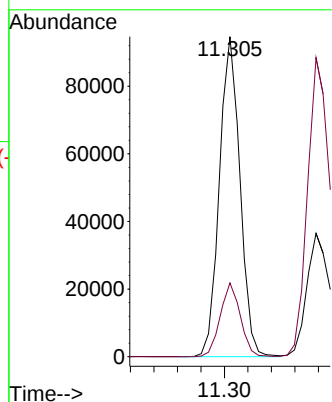
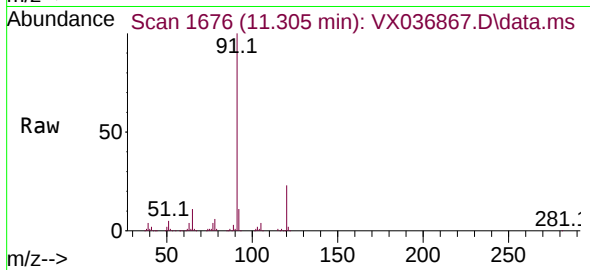
#78
n-propylbenzene
Concen: 13.207 ug/l
RT: 11.305 min Scan# 115170
Delta R.T. -0.000 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27

Instrument :
MSVOA_X
ClientSampleId :
MW-07W

Tgt Ion: 91 Resp: 115170
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4

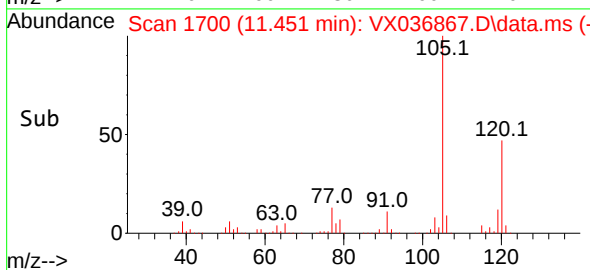
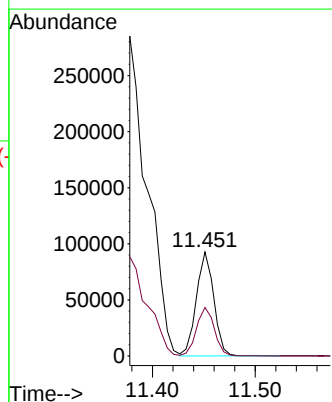
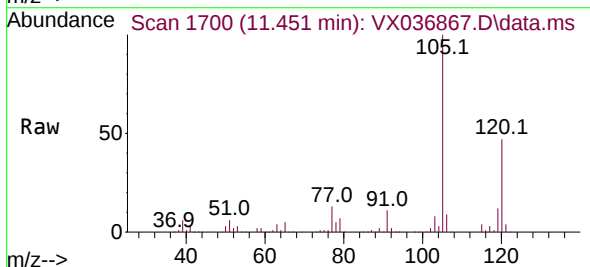
Manual Integrations
APPROVED

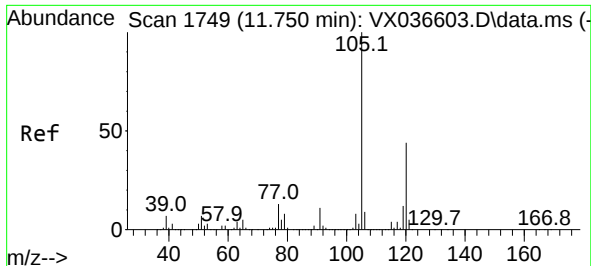
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.278 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27

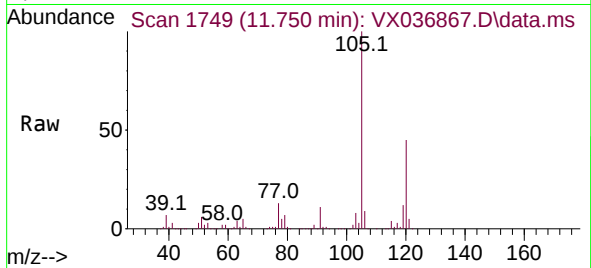
Tgt Ion:105 Resp: 108999
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 54.452 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27

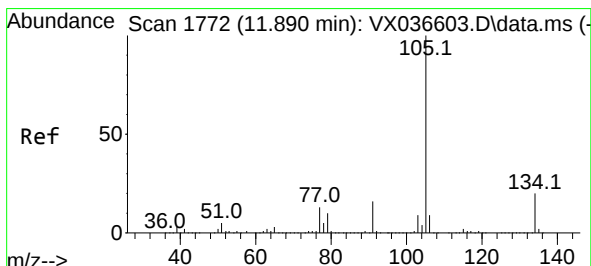
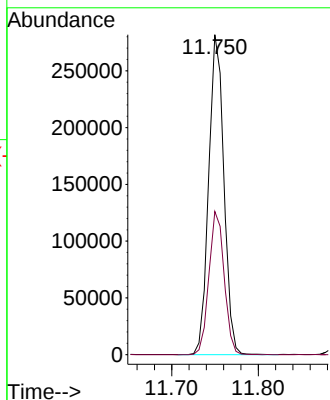
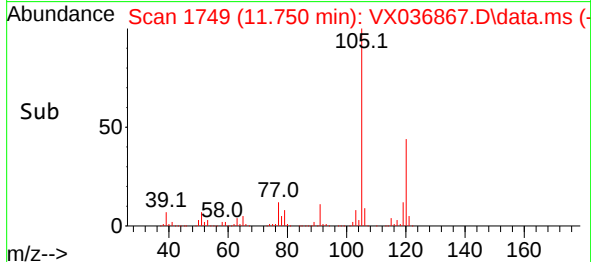
Instrument :
MSVOA_X
ClientSampleId :
MW-07W



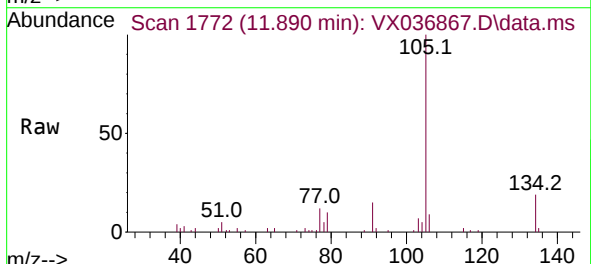
Tgt Ion:105 Resp: 34353
Ion Ratio Lower Upper
105 100
120 44.9 21.2 63.6

Manual Integrations
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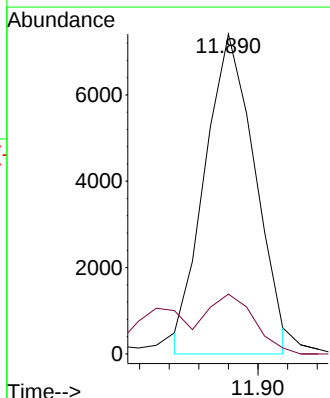
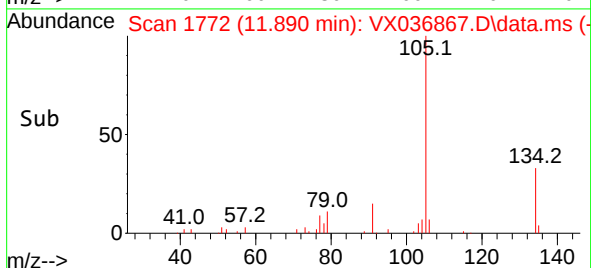
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

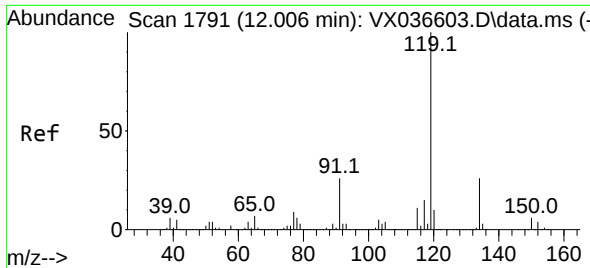


#85
sec-Butylbenzene
Concen: 1.128 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27



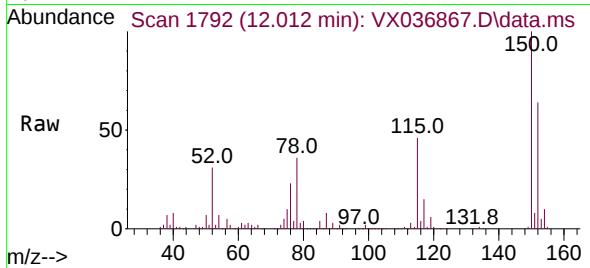
Tgt Ion:105 Resp: 8715
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#





#86
p-Isopropyltoluene
Concen: 0.527 ug/l
RT: 12.012 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27

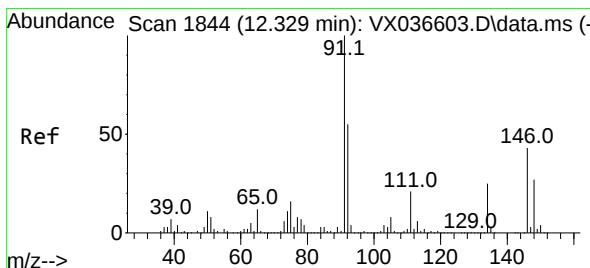
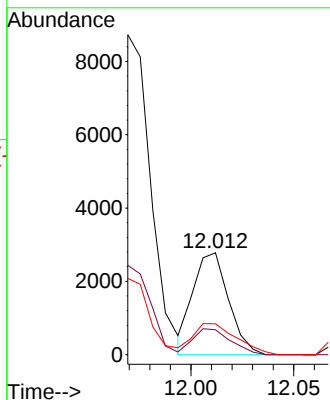
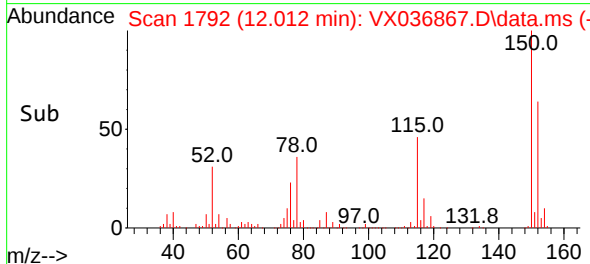
Instrument :
MSVOA_X
ClientSampleId :
MW-07W



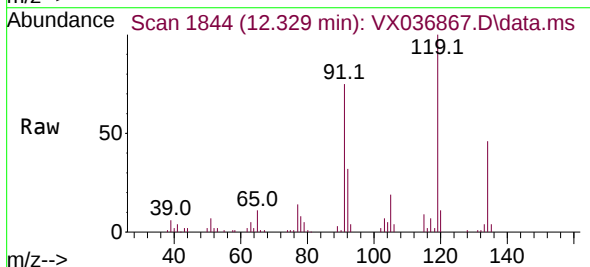
Tgt Ion: 119 Resp: 335
Ion Ratio Lower Upper
119 100
134 26.9 12.8 38.3
91 37.2 13.1 39.3

Manual Integrations
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Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#89
n-Butylbenzene
Concen: 2.725 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036867.D
Acq: 08 Aug 2023 16:27



Tgt Ion: 91 Resp: 15514
Ion Ratio Lower Upper
91 100
92 32.0 27.4 82.0
134 97.2 12.6 37.8#

