

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046876.D
 Acq On : 03 Jul 2025 11:04
 Operator : JC/MD
 Sample : Q2455-03 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW10

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/07/2025
 Supervised By : Mahesh Dadoda 07/07/2025

Quant Time: Jul 04 01:28:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	526667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	896282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	818636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	401752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	330340	47.478	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.960%		
35) Dibromofluoromethane	5.397	113	280803	46.154	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.300%		
50) Toluene-d8	8.647	98	1062167	49.482	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.960%		
62) 4-Bromofluorobenzene	11.079	95	411240	50.408	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.820%		
Target Compounds						
16) Acetone	2.392	43	11282	5.220	ug/l	91
39) Methylcyclohexane	7.379	83	4967	0.484	ug/l #	81
67) Ethyl Benzene	10.195	91	48824	1.611	ug/l	97
68) m/p-Xylenes	10.305	106	43189	3.781	ug/l	99
73) Isopropylbenzene	10.963	105	279850	9.909	ug/l	99
78) n-propylbenzene	11.305	91	369097	10.839	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	843568	36.760	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	2082448	89.780	ug/l	98
85) sec-Butylbenzene	11.890	105	20976m	0.702	ug/l	
95) Naphthalene	13.774	128	91479	4.008	ug/l	100

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

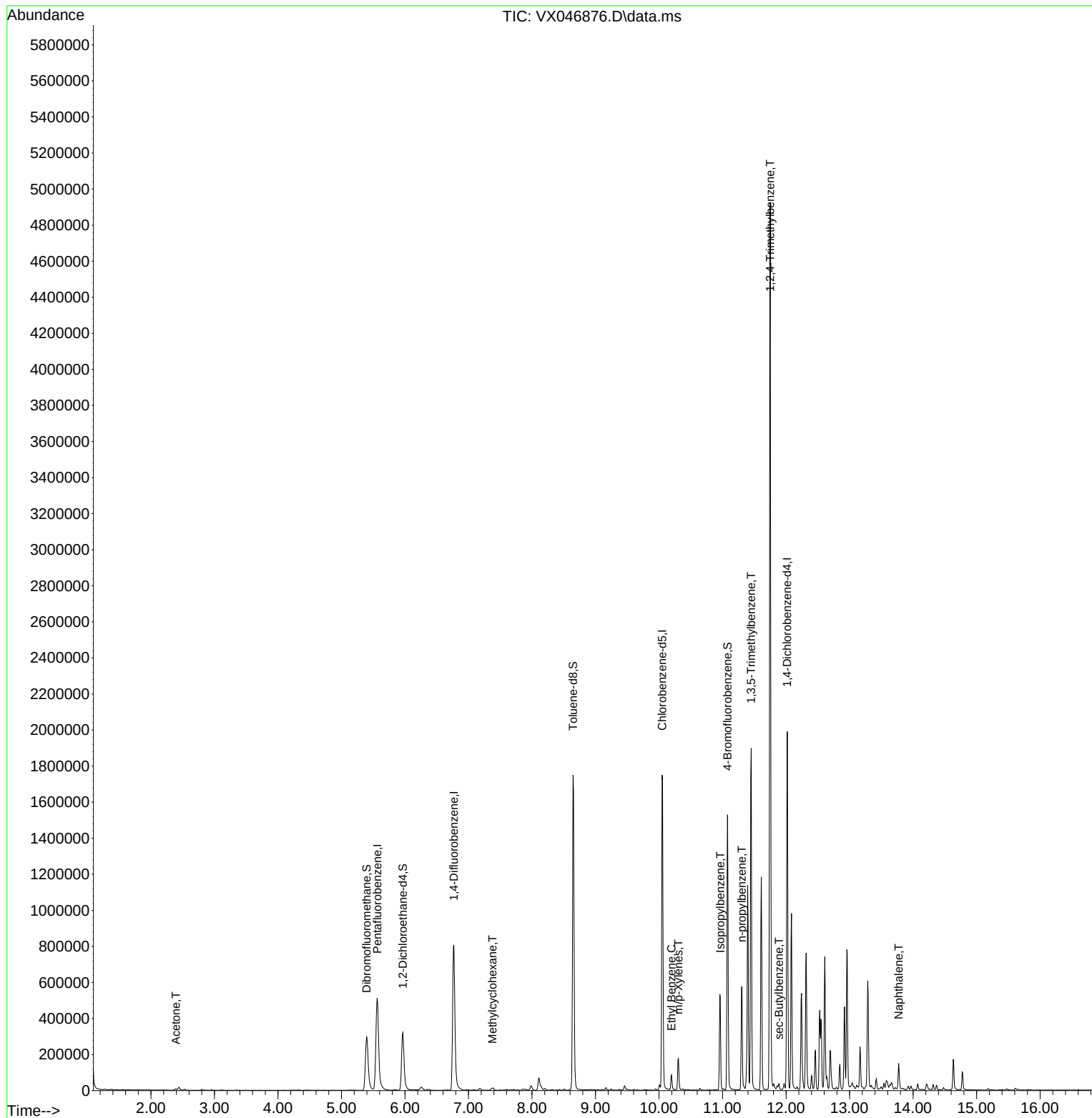
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046876.D
Acq On : 03 Jul 2025 11:04
Operator : JC/MD
Sample : Q2455-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

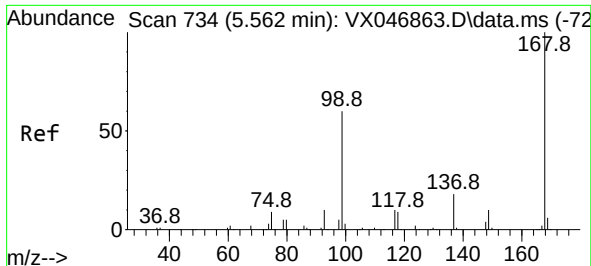
Instrument :
MSVOA_X
ClientSampleId :
MW10

Quant Time: Jul 04 01:28:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

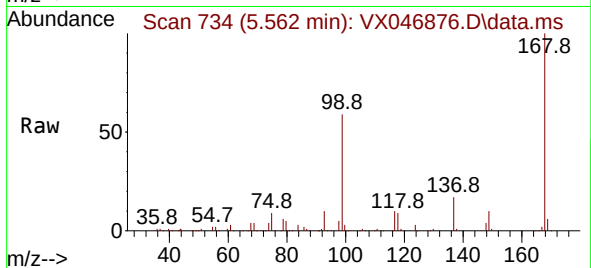
Reviewed By : John Carlone 07/07/2025
Supervised By : Mahesh Dadoda 07/07/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 714
Delta R.T. 0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

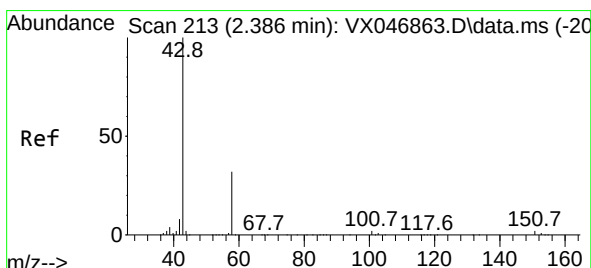
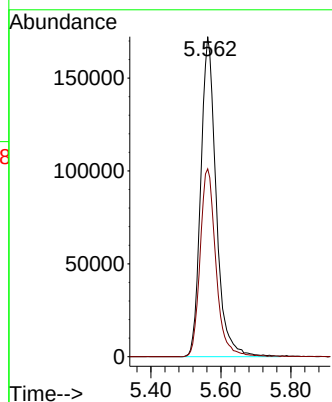
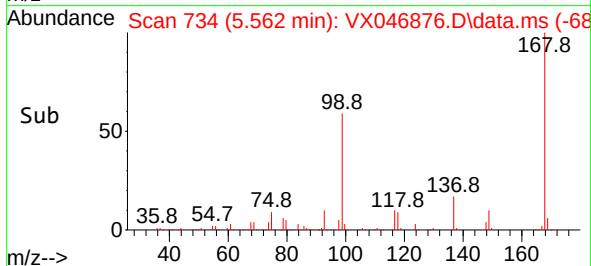
Instrument :
MSVOA_X
ClientSampleId :
MW10



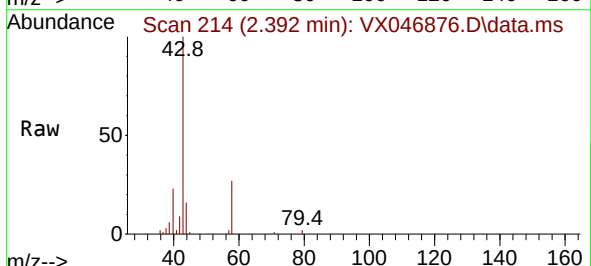
Tgt Ion:168 Resp: 52666
Ion Ratio Lower Upper
168 100
99 58.7 48.8 73.2

Manual Integrations
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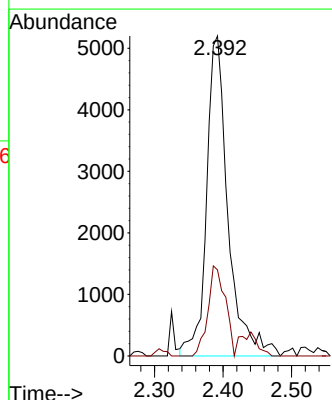
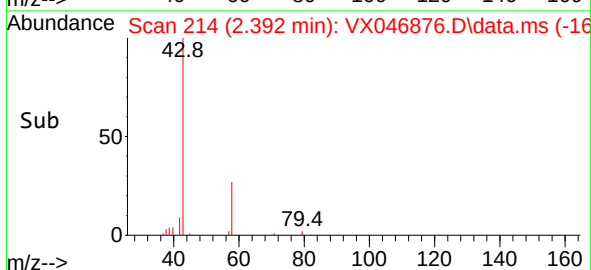
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

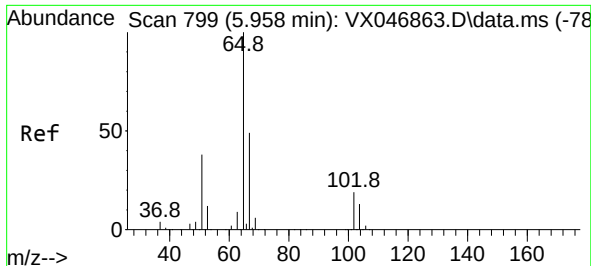


#16
Acetone
Concen: 5.220 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04



Tgt Ion: 43 Resp: 11282
Ion Ratio Lower Upper
43 100
58 26.9 25.8 38.6





#33

1,2-Dichloroethane-d4

Concen: 47.478 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046876.D

Acq: 03 Jul 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

MW10

Tgt Ion: 65 Resp: 330340

Ion Ratio Lower Upper

65 100

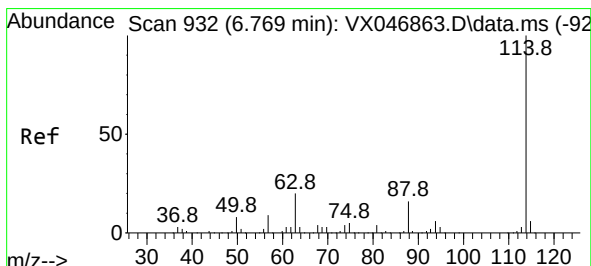
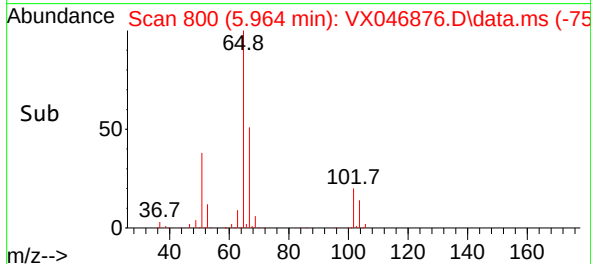
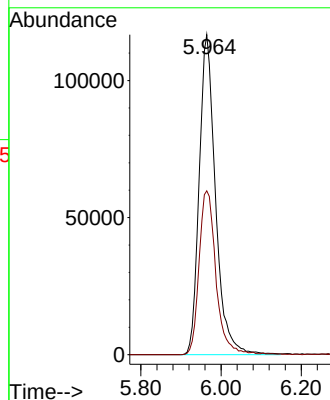
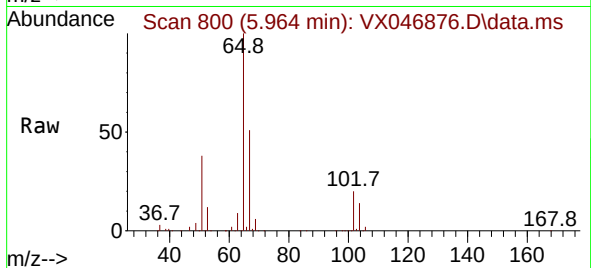
67 52.8 0.0 105.2

Manual Integrations

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Supervised By :Mahesh Dadoda 07/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX046876.D

Acq: 03 Jul 2025 11:04

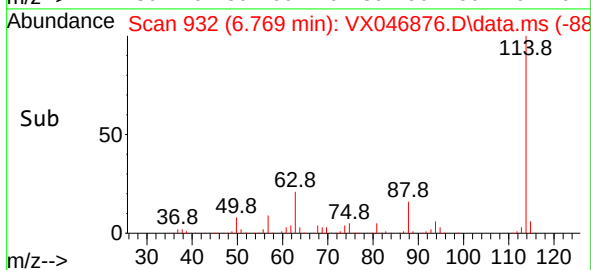
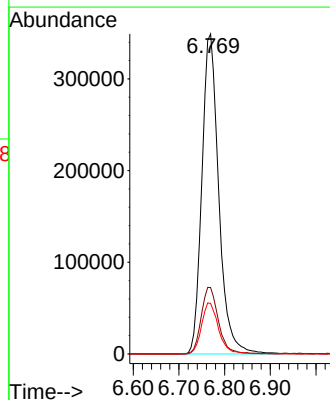
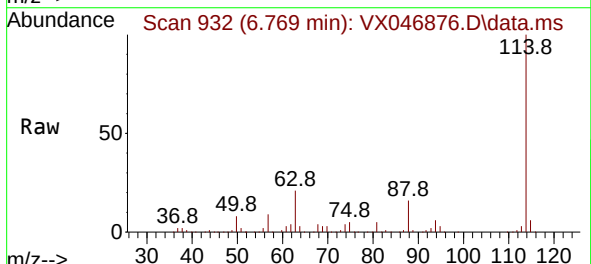
Tgt Ion:114 Resp: 896282

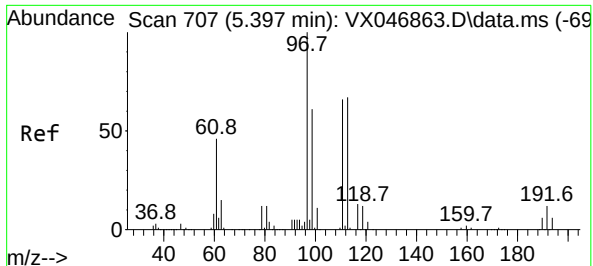
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.4

88 15.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.154 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046876.D

Acq: 03 Jul 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

MW10

Tgt Ion:113 Resp: 28080

Ion Ratio Lower Upper

113 100

111 104.2 81.2 121.8

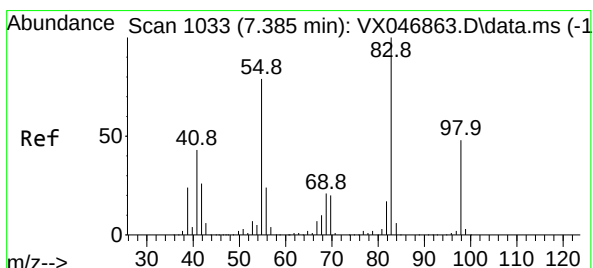
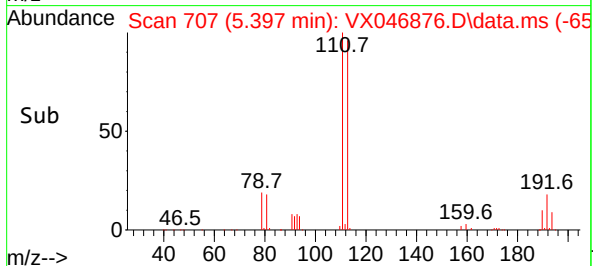
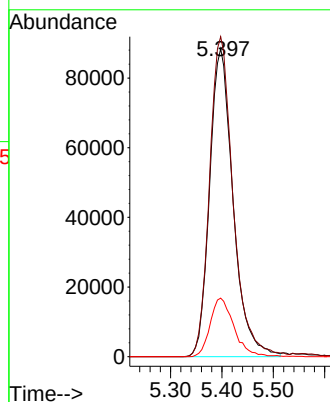
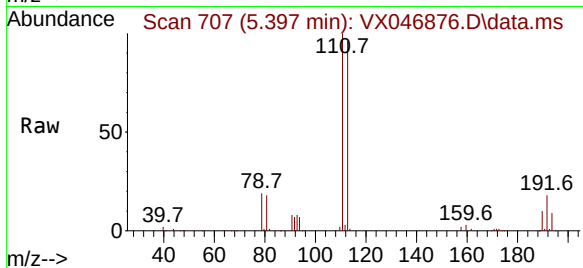
192 19.3 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#39

Methylcyclohexane

Concen: 0.484 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX046876.D

Acq: 03 Jul 2025 11:04

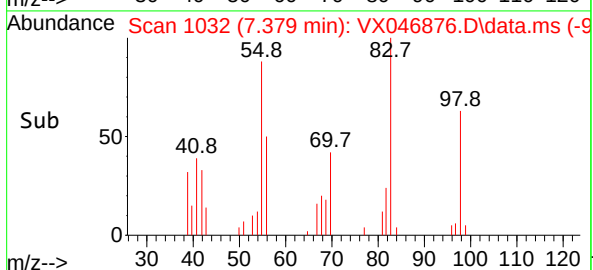
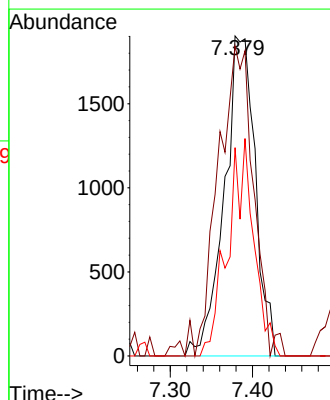
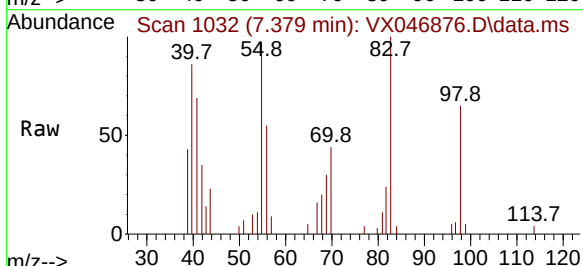
Tgt Ion: 83 Resp: 4967

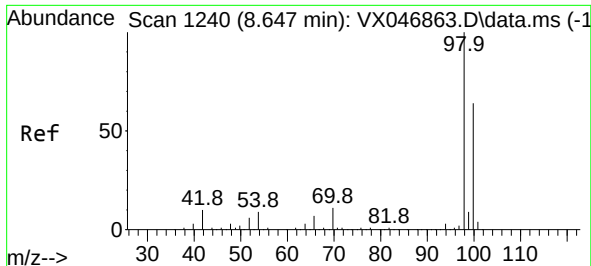
Ion Ratio Lower Upper

83 100

55 92.1 63.0 94.4

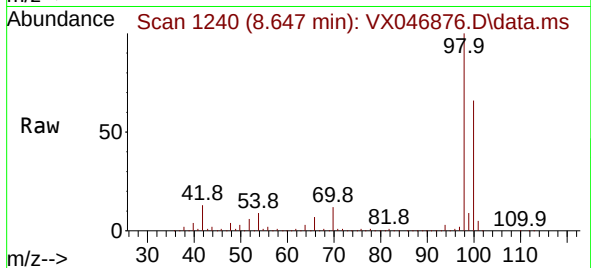
98 65.1 38.5 57.7#





#50
Toluene-d8
Concen: 49.482 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

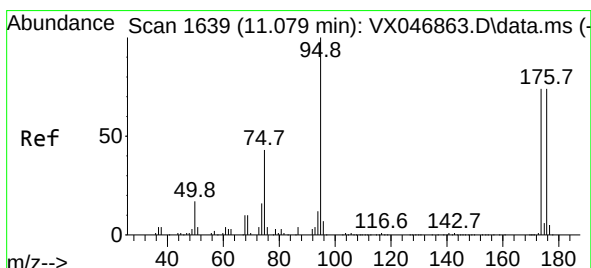
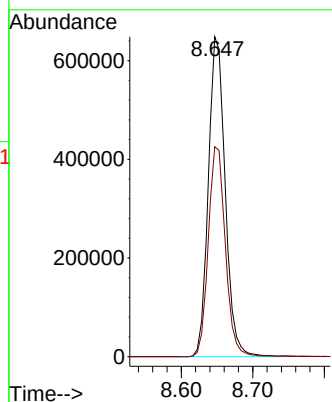
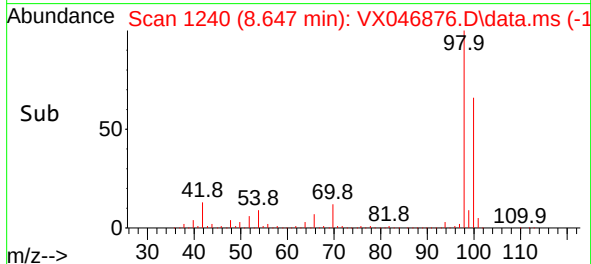
Instrument :
MSVOA_X
ClientSampleId :
MW10



Tgt Ion: 98 Resp: 106216
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6

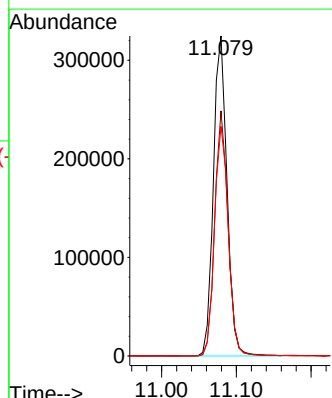
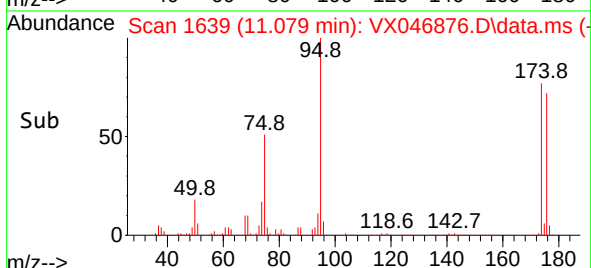
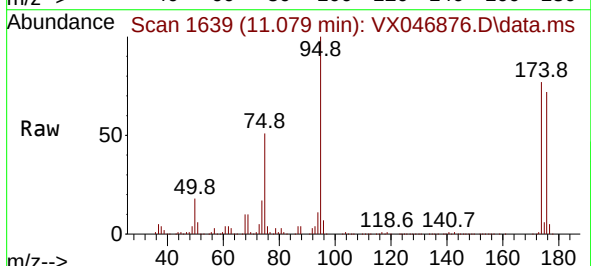
Manual Integrations
APPROVED

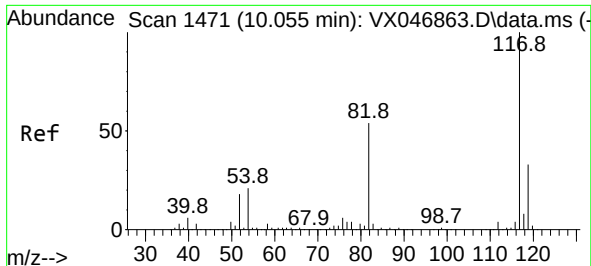
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#62
4-Bromofluorobenzene
Concen: 50.408 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

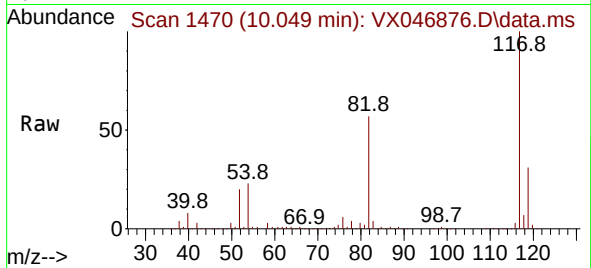
Tgt Ion: 95 Resp: 411240
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.0
176 72.8 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

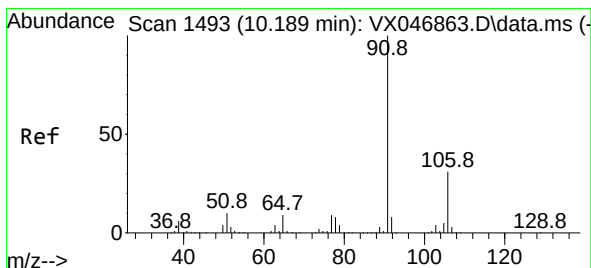
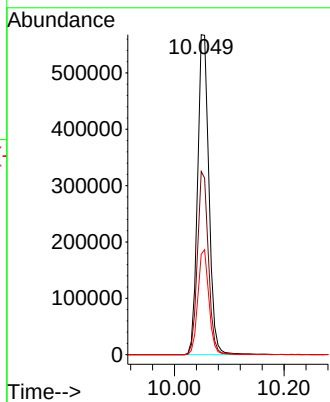
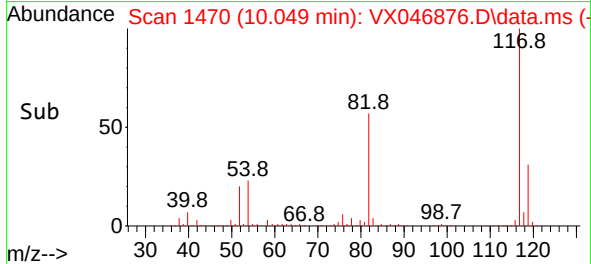
Instrument :
MSVOA_X
ClientSampleId :
MW10



Tgt Ion:117 Resp: 818630
Ion Ratio Lower Upper
117 100
82 57.3 43.3 64.9
119 31.4 26.4 39.6

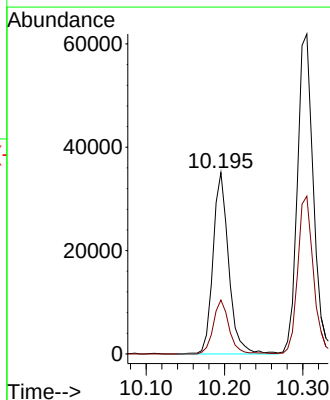
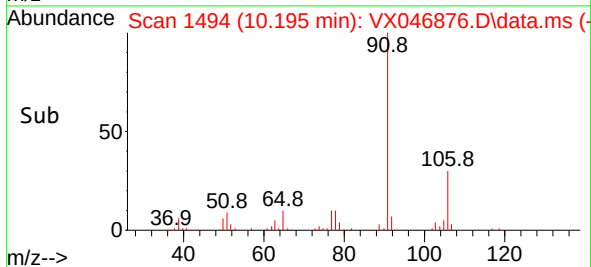
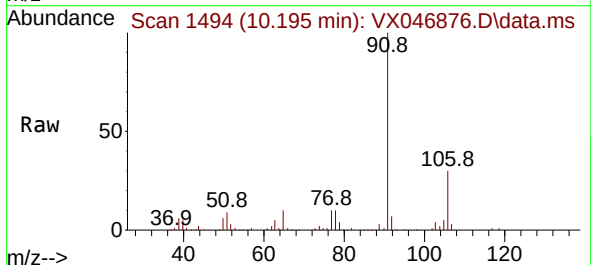
Manual Integrations
APPROVED

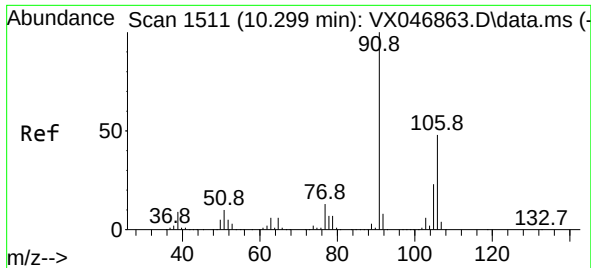
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#67
Ethyl Benzene
Concen: 1.611 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

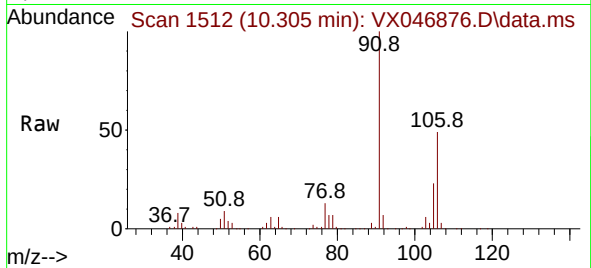
Tgt Ion: 91 Resp: 48824
Ion Ratio Lower Upper
91 100
106 32.3 24.4 36.6





#68
m/p-Xylenes
Concen: 3.781 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

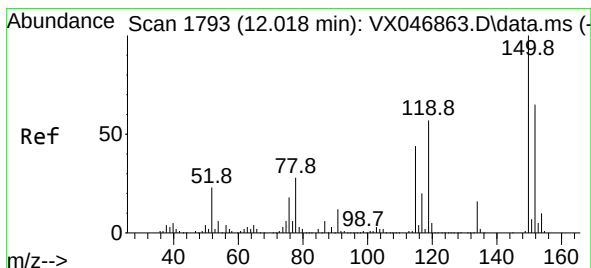
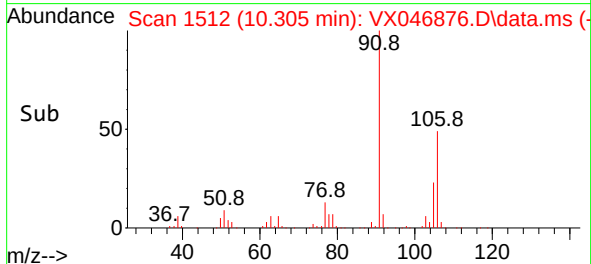
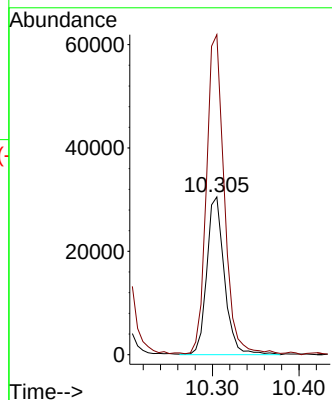
Instrument :
MSVOA_X
ClientSampleId :
MW10



Tgt Ion:106 Resp: 43189
Ion Ratio Lower Upper
106 100
91 203.7 164.6 246.8

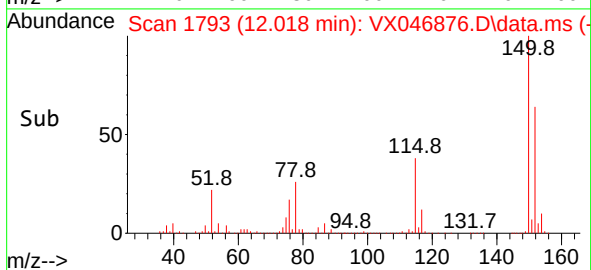
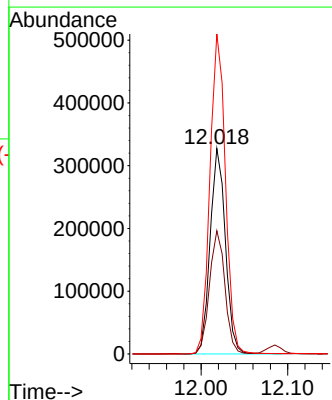
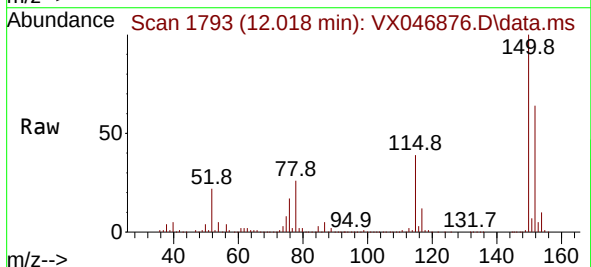
Manual Integrations
APPROVED

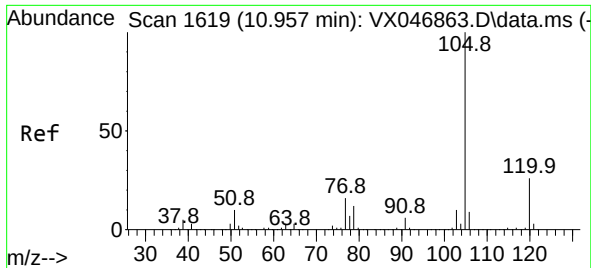
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:152 Resp: 401752
Ion Ratio Lower Upper
152 100
115 60.6 42.4 127.1
150 157.8 0.0 349.2





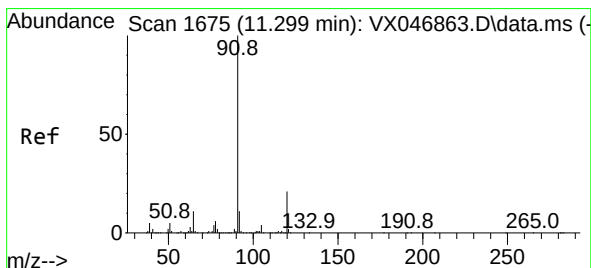
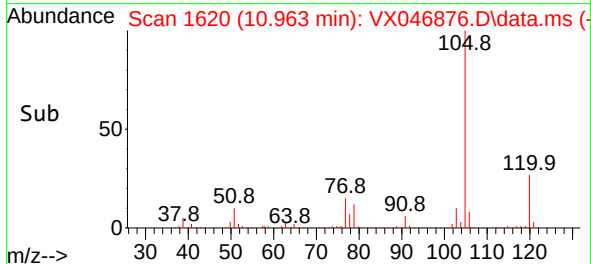
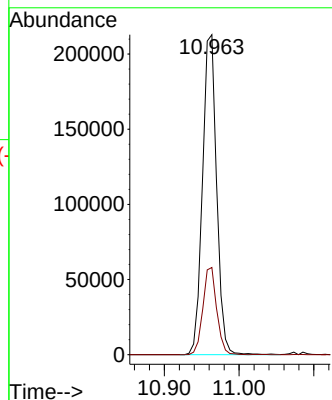
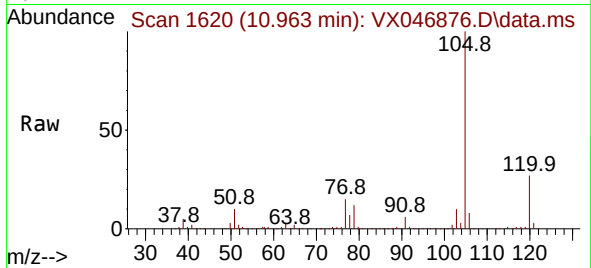
#73
Isopropylbenzene
Concen: 9.909 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:105 Resp: 279850
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5

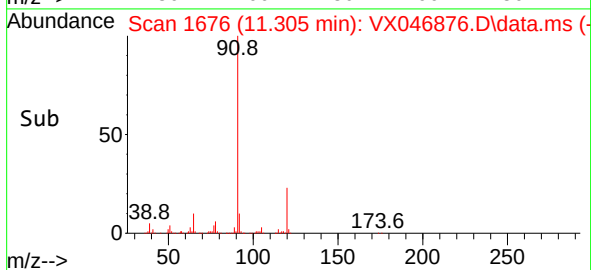
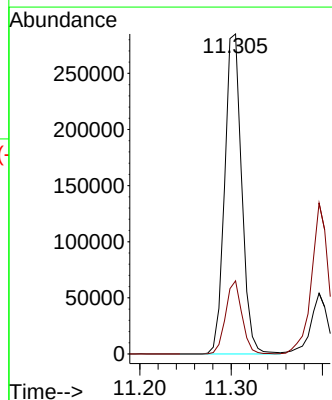
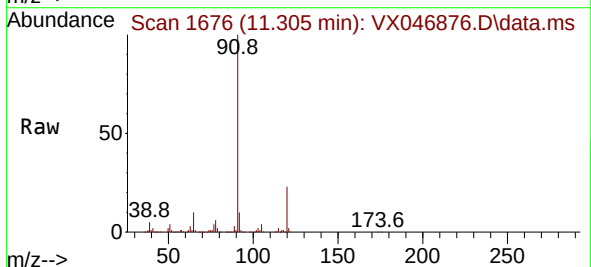
Manual Integrations
APPROVED

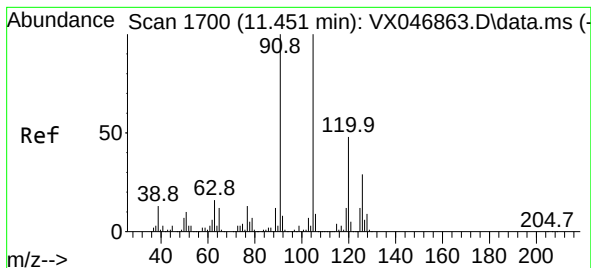
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#78
n-propylbenzene
Concen: 10.839 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion: 91 Resp: 369097
Ion Ratio Lower Upper
91 100
120 22.0 11.2 33.5





#80

1,3,5-Trimethylbenzene

Concen: 36.760 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046876.D

Acq: 03 Jul 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

MW10

Tgt Ion:105 Resp: 843568

Ion Ratio Lower Upper

105 100

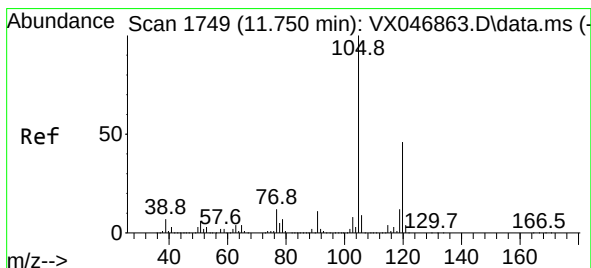
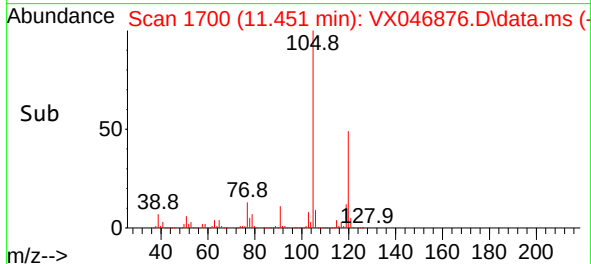
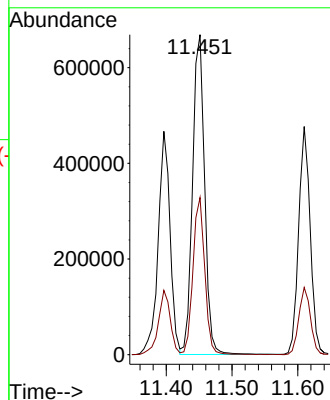
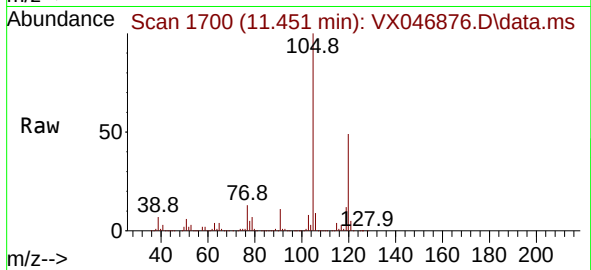
120 48.3 24.1 72.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#84

1,2,4-Trimethylbenzene

Concen: 89.780 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046876.D

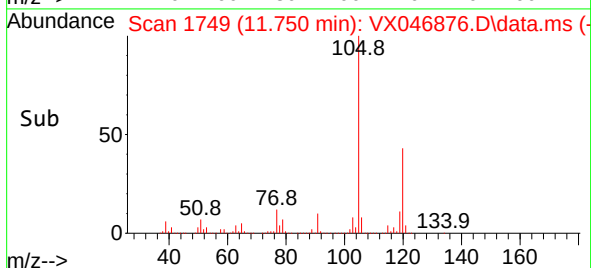
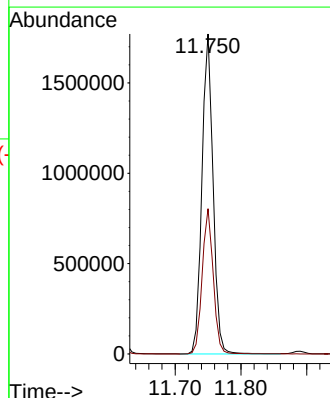
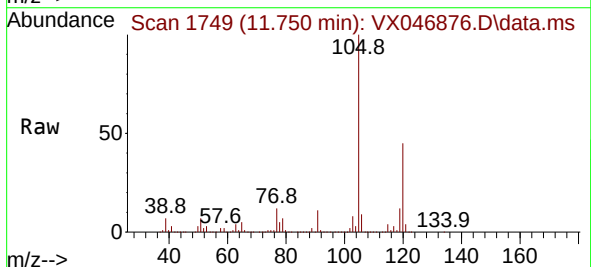
Acq: 03 Jul 2025 11:04

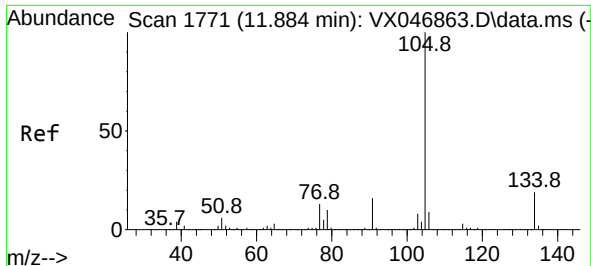
Tgt Ion:105 Resp: 2082448

Ion Ratio Lower Upper

105 100

120 45.1 23.3 69.8





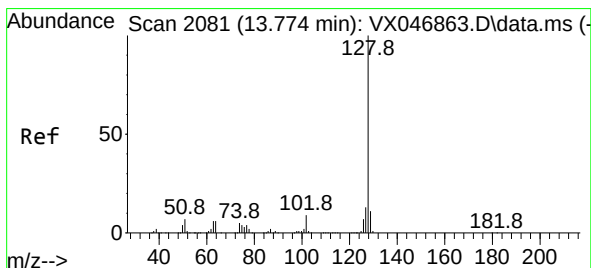
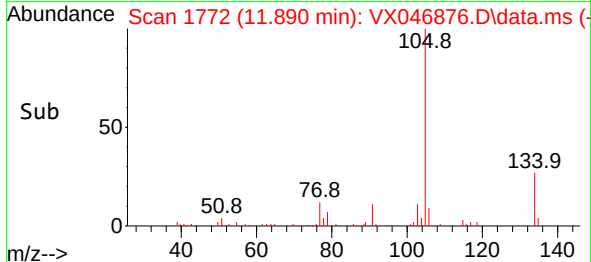
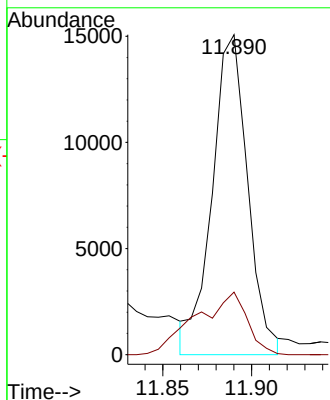
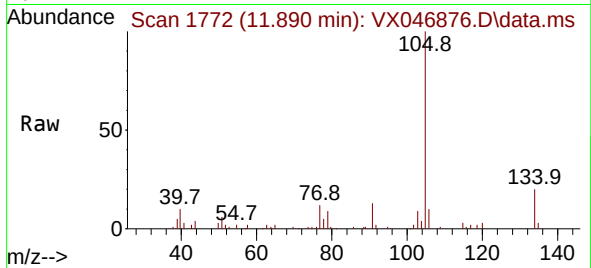
#85
 sec-Butylbenzene
 Concen: 0.702 ug/l m
 RT: 11.890 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX046876.D
 Acq: 03 Jul 2025 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW10

Tgt Ion:105 Resp: 20970
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/07/2025
 Supervised By :Mahesh Dadoda 07/07/2025



#95
 Naphthalene
 Concen: 4.008 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VX046876.D
 Acq: 03 Jul 2025 11:04

Tgt Ion:128 Resp: 91479
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.2 15.4
 129 10.8 8.6 13.0

