

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
 Data File : VX037662.D
 Acq On : 12 Sep 2023 12:33
 Operator : JC/MD
 Sample : 04296-03DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NGTW3DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/13/2023
 Supervised By : Mahesh Dadoda 09/13/2023

Quant Time: Sep 13 01:44:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	177416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	304053	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	121598	42.362	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.720%		
35) Dibromofluoromethane	5.385	113	95824	44.463	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.920%		
50) Toluene-d8	8.647	98	378415	46.557	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.120%		
62) 4-Bromofluorobenzene	11.079	95	135866	46.333	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.660%		
Target Compounds					Qvalue	
31) Cyclohexane	5.477	56	1314	0.398	ug/l	95
39) Methylcyclohexane	7.385	83	3639	1.049	ug/l	95
67) Ethyl Benzene	10.195	91	95279	8.775	ug/l	100
68) m/p-Xylenes	10.299	106	318924	77.029	ug/l	99
69) o-Xylene	10.640	106	125218	30.334	ug/l	99
73) Isopropylbenzene	10.963	105	18273	1.789	ug/l	97
78) n-propylbenzene	11.305	91	54788	4.663	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	184508	21.495	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	644385	74.461	ug/l	97
85) sec-Butylbenzene	11.890	105	5823m	0.547	ug/l	
86) p-Isopropyltoluene	12.006	119	3442m	0.395	ug/l	
95) Naphthalene	13.774	128	158916	15.843	ug/l	99

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

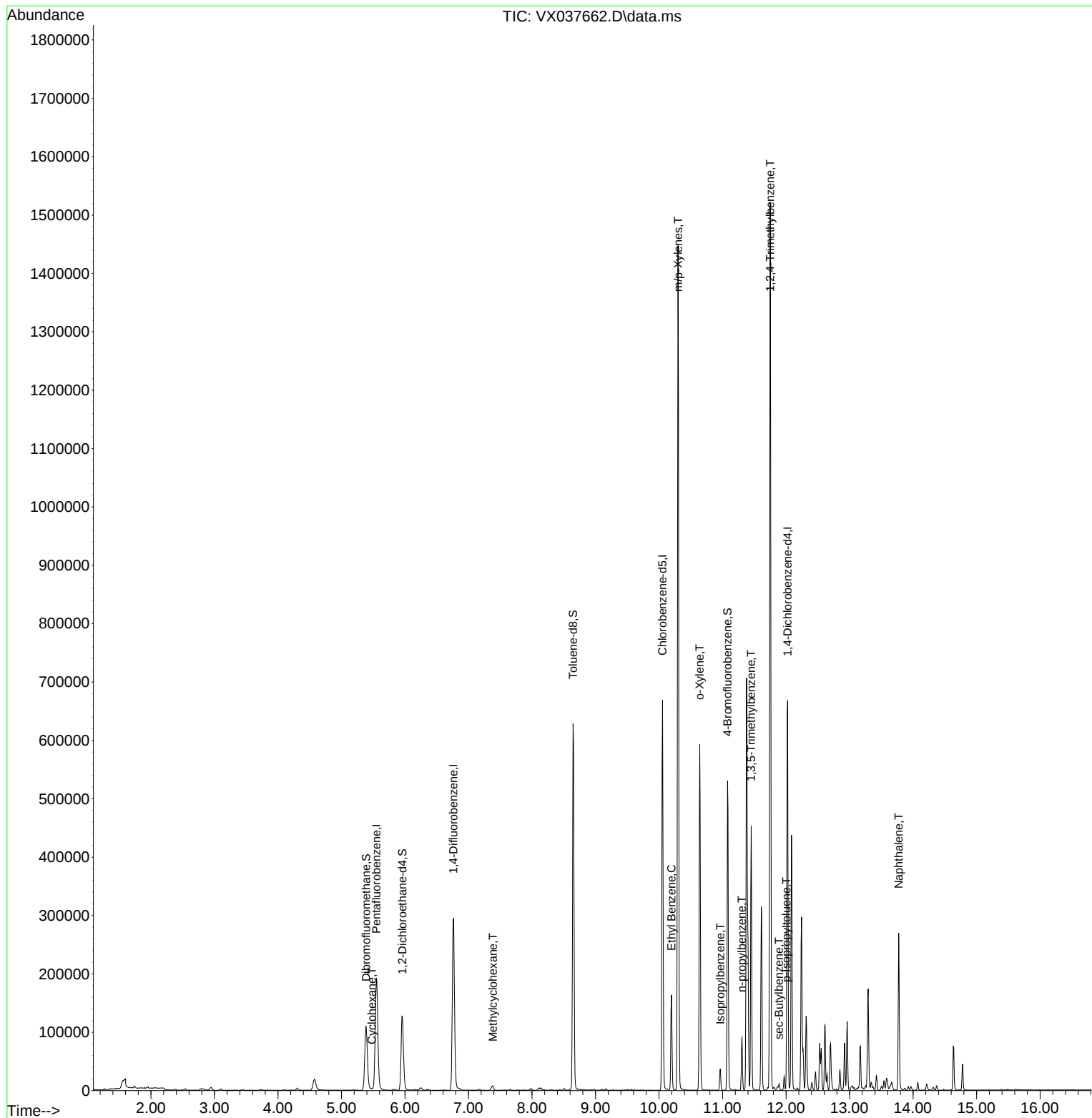
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
Data File : VX037662.D
Acq On : 12 Sep 2023 12:33
Operator : JC/MD
Sample : 04296-03DL 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

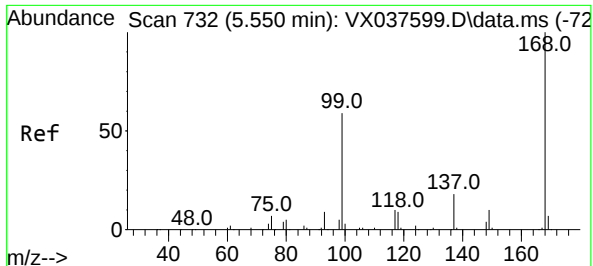
Instrument :
MSVOA_X
ClientSampleId :
NGTW3DL

Quant Time: Sep 13 01:44:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

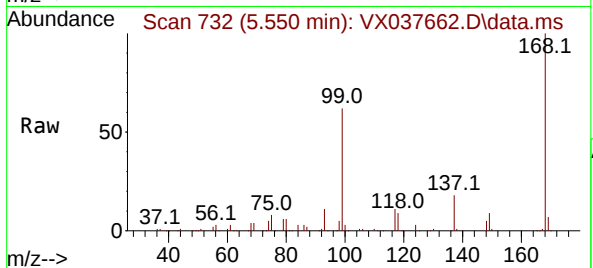
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037662.D
Acq: 12 Sep 2023 12:33

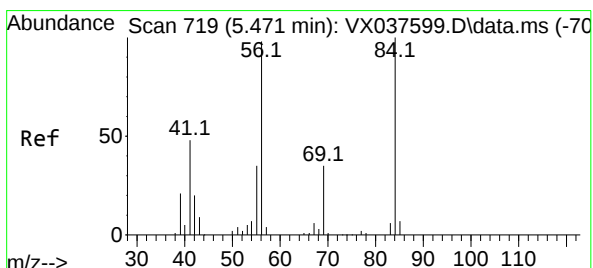
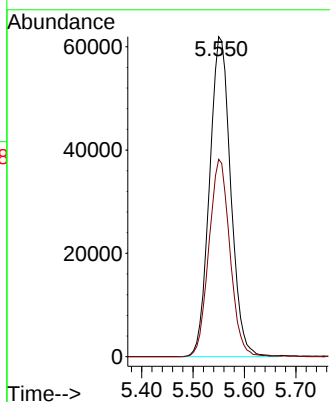
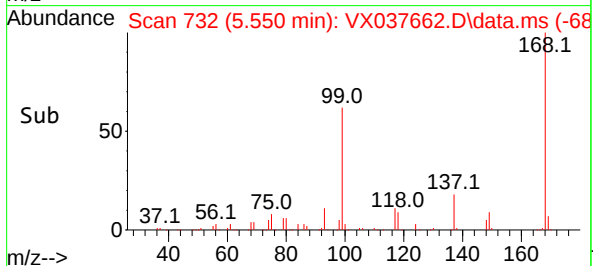
Instrument :
MSVOA_X
ClientSampleId :
NGTW3DL



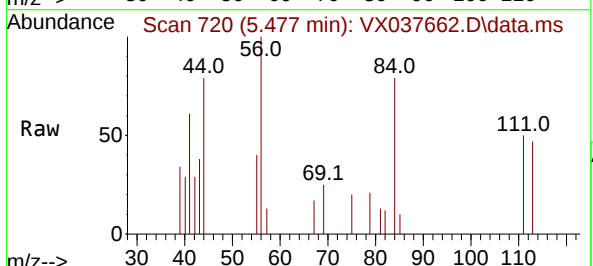
Tgt Ion:168 Resp: 177410
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0

Manual Integrations
APPROVED

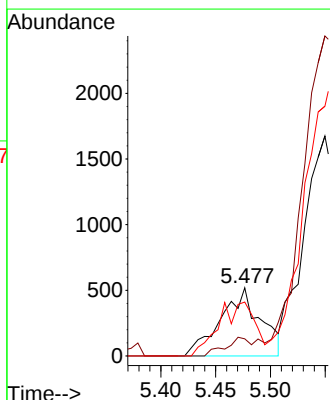
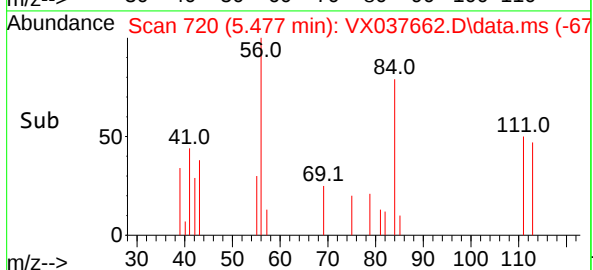
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

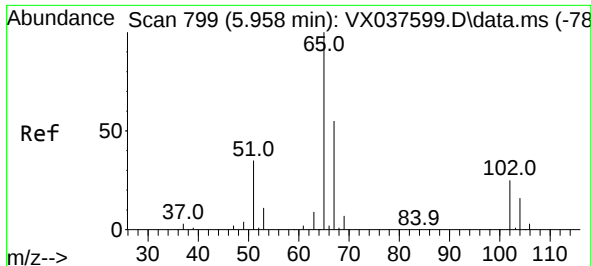


#31
Cyclohexane
Concen: 0.398 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX037662.D
Acq: 12 Sep 2023 12:33



Tgt Ion: 56 Resp: 1314
Ion Ratio Lower Upper
56 100
69 25.0 23.4 35.2
84 79.2 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 42.362 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037662.D

Acq: 12 Sep 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

NGTW3DL

Tgt Ion: 65 Resp: 121598

Ion Ratio Lower Upper

65 100

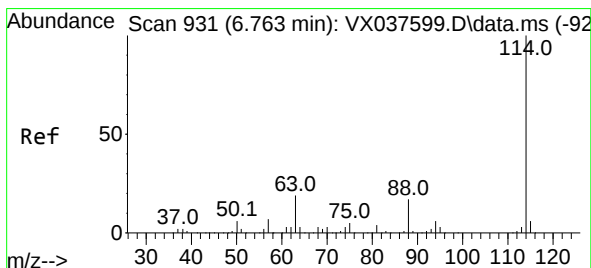
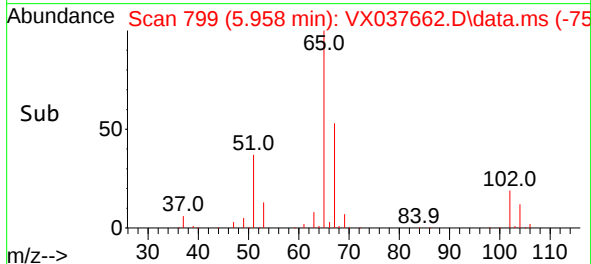
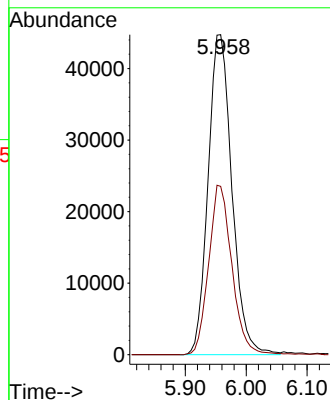
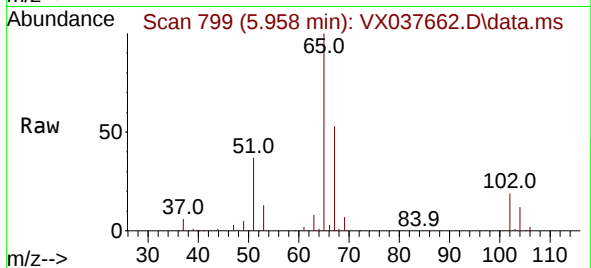
67 51.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037662.D

Acq: 12 Sep 2023 12:33

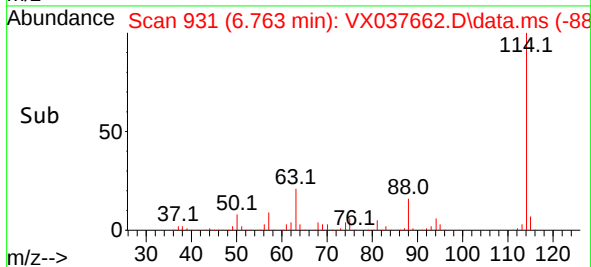
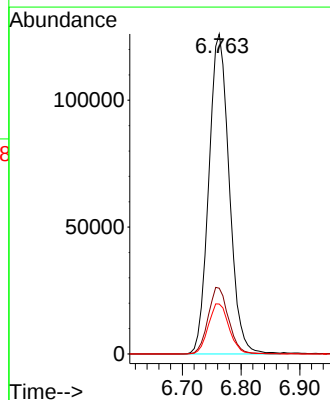
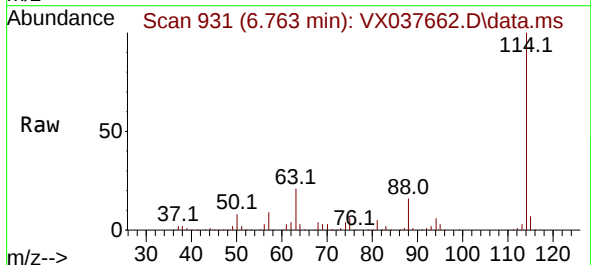
Tgt Ion:114 Resp: 304053

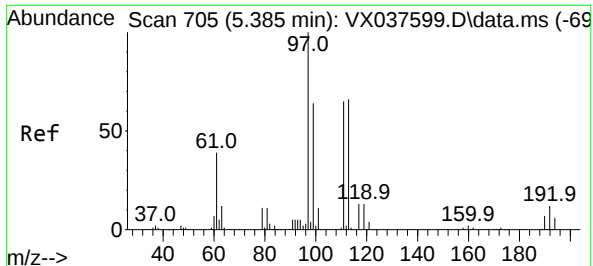
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

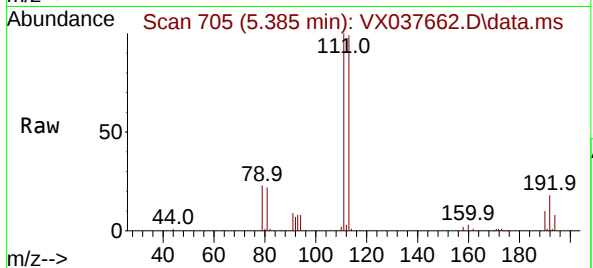
88 15.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 44.463 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037662.D
Acq: 12 Sep 2023 12:33

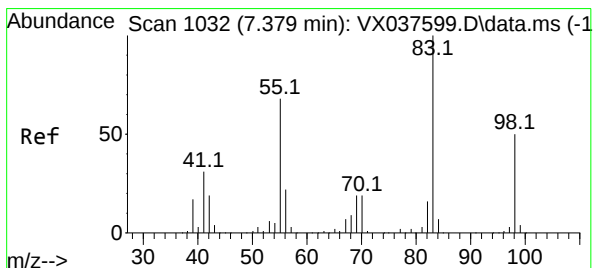
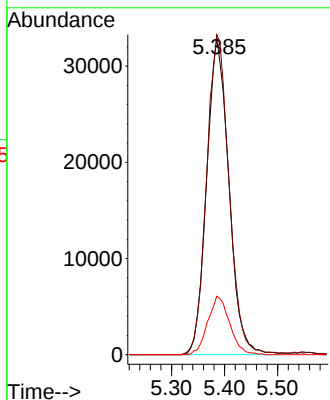
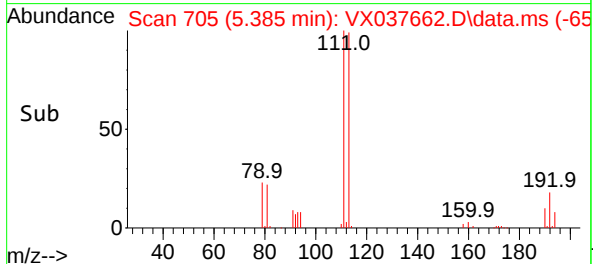
Instrument :
MSVOA_X
ClientSampleId :
NGTW3DL



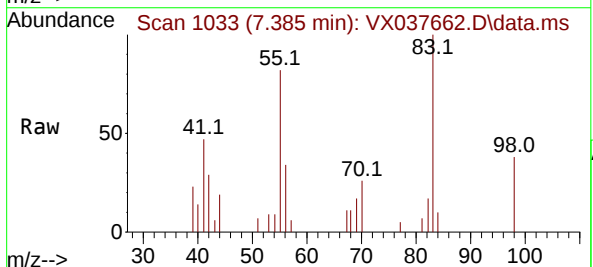
Tgt Ion: 113 Resp: 95824
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.2 13.3 19.9

Manual Integrations
APPROVED

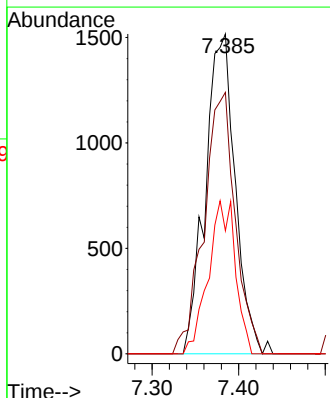
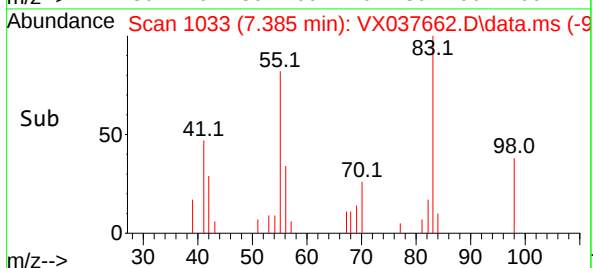
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

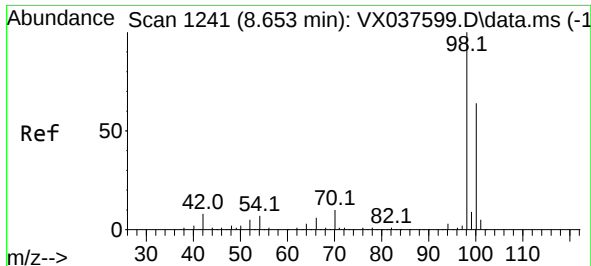


#39
Methylcyclohexane
Concen: 1.049 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX037662.D
Acq: 12 Sep 2023 12:33



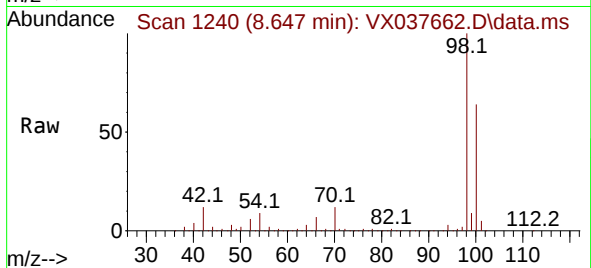
Tgt Ion: 83 Resp: 3639
Ion Ratio Lower Upper
83 100
55 81.7 64.6 97.0
98 38.5 36.7 55.1





#50
Toluene-d8
Concen: 46.557 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037662.D
Acq: 12 Sep 2023 12:33

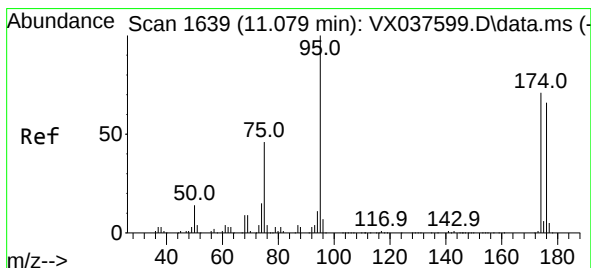
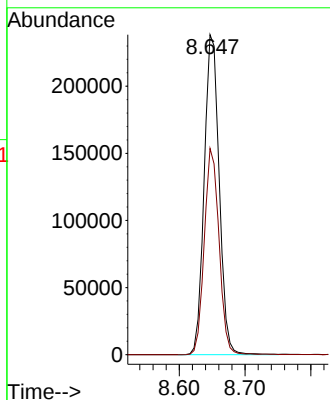
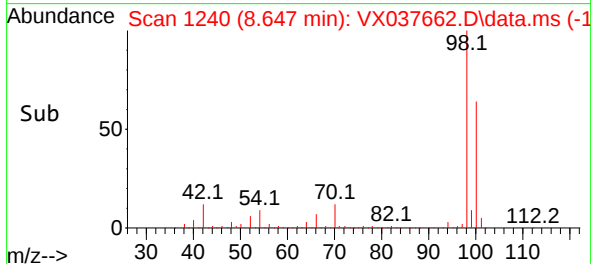
Instrument :
MSVOA_X
ClientSampleId :
NGTW3DL



Tgt Ion: 98 Resp: 37841
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

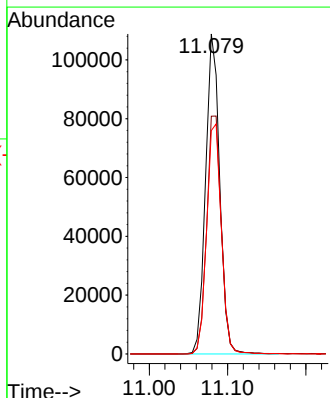
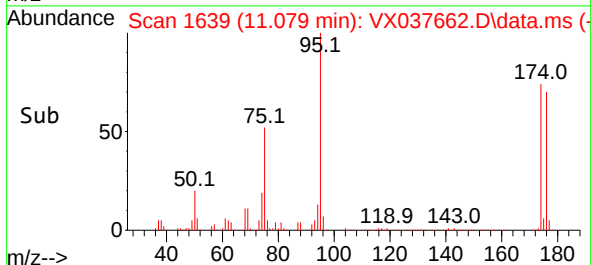
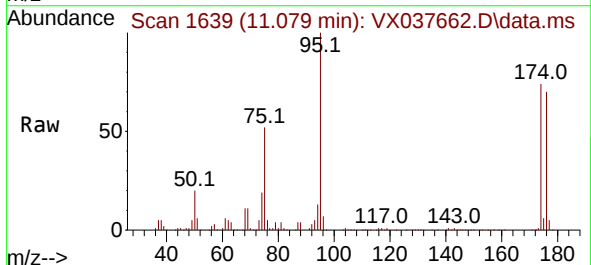
Manual Integrations
APPROVED

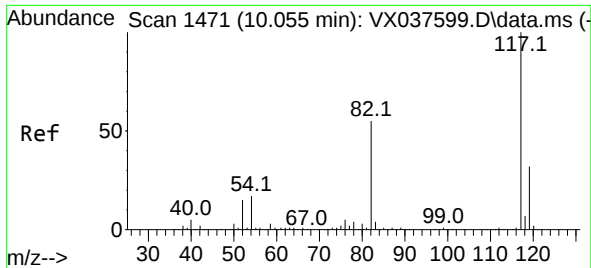
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#62
4-Bromofluorobenzene
Concen: 46.333 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037662.D
Acq: 12 Sep 2023 12:33

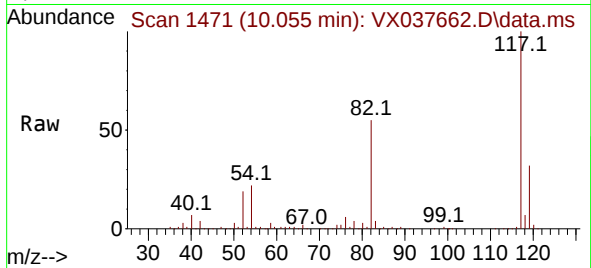
Tgt Ion: 95 Resp: 135866
Ion Ratio Lower Upper
95 100
174 77.2 0.0 135.6
176 74.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037662.D
Acq: 12 Sep 2023 12:33

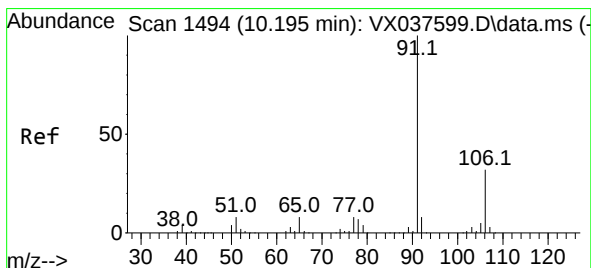
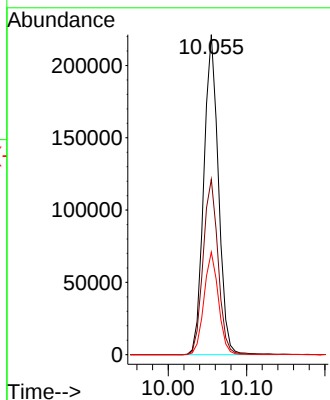
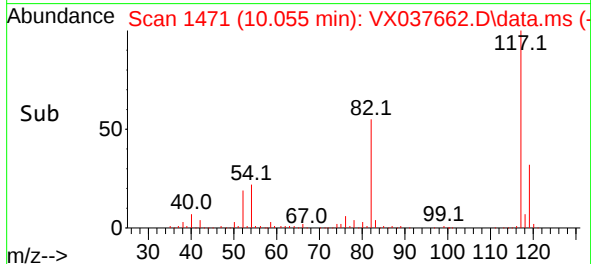
Instrument :
MSVOA_X
ClientSampleId :
NGTW3DL



Tgt Ion:117 Resp: 286260
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.0 25.5 38.3

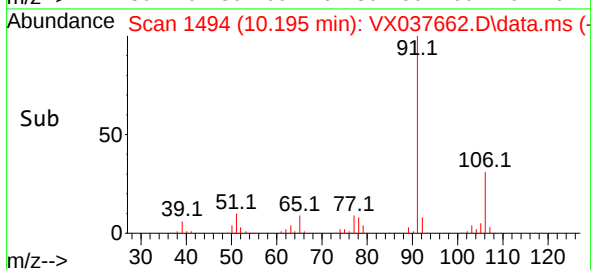
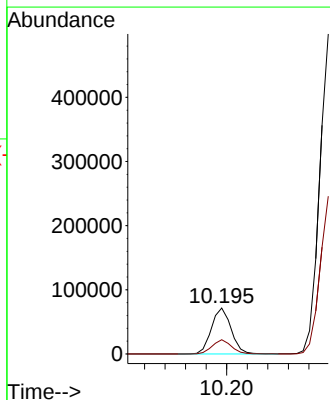
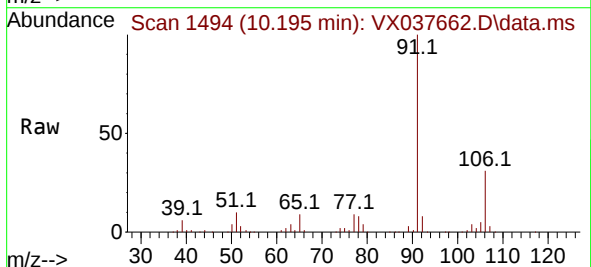
Manual Integrations
APPROVED

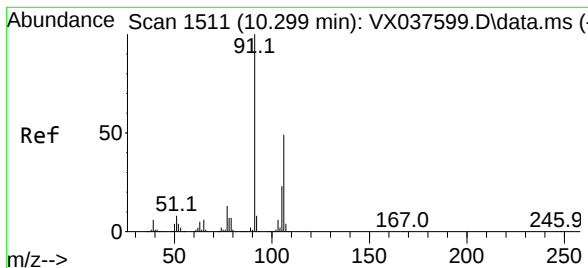
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#67
Ethyl Benzene
Concen: 8.775 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037662.D
Acq: 12 Sep 2023 12:33

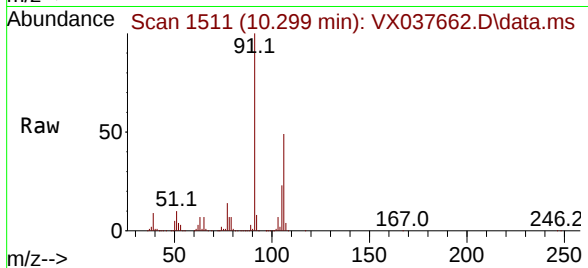
Tgt Ion: 91 Resp: 95279
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3





#68
m/p-Xylenes
Concen: 77.029 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037662.D
Acq: 12 Sep 2023 12:33

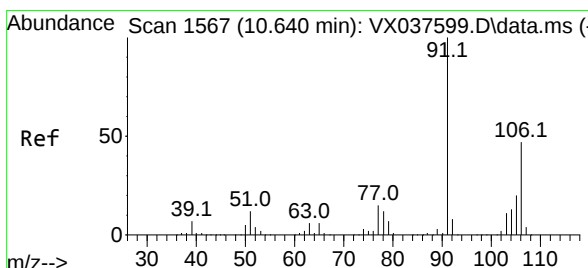
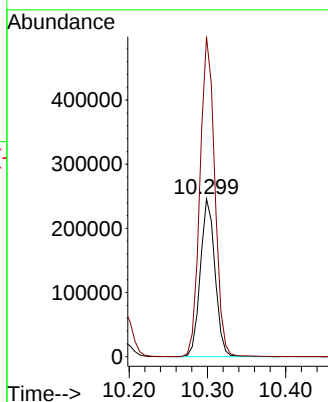
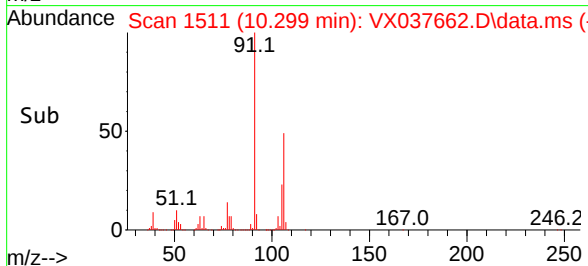
Instrument :
MSVOA_X
ClientSampleId :
NGTW3DL



Tgt Ion:106 Resp: 318924
Ion Ratio Lower Upper
106 100
91 205.5 165.5 248.3

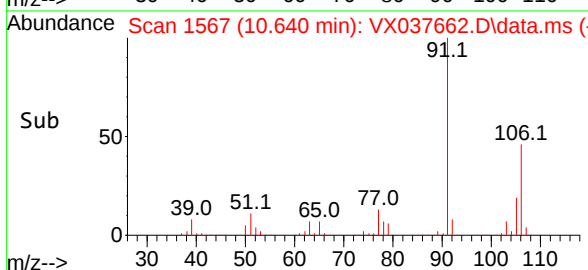
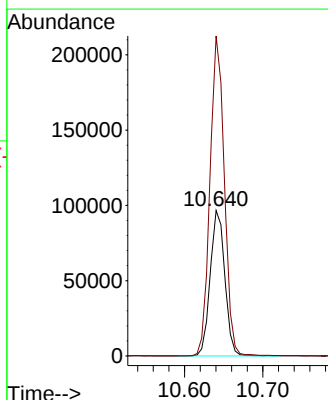
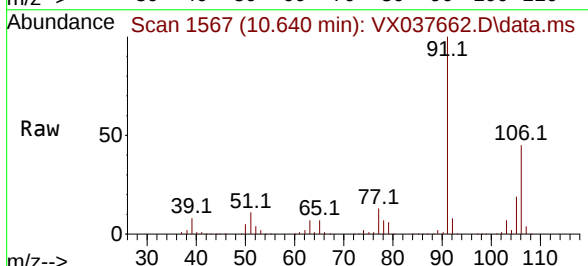
Manual Integrations
APPROVED

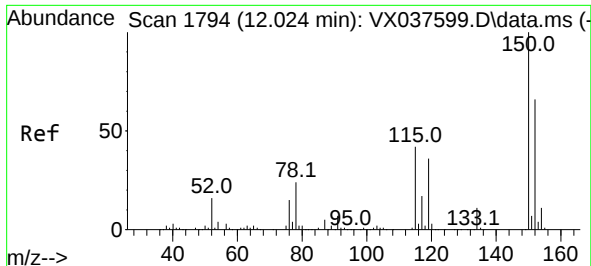
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#69
o-Xylene
Concen: 30.334 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037662.D
Acq: 12 Sep 2023 12:33

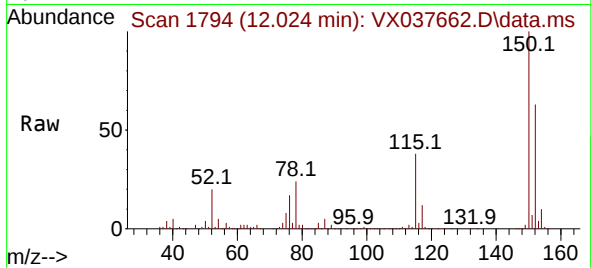
Tgt Ion:106 Resp: 125218
Ion Ratio Lower Upper
106 100
91 215.8 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037662.D
Acq: 12 Sep 2023 12:33

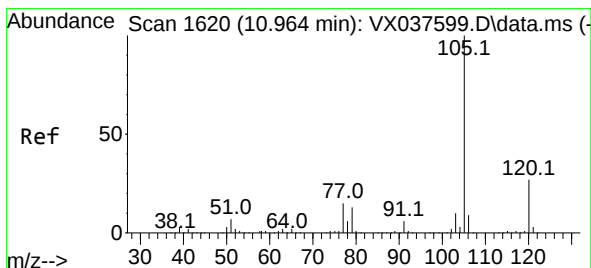
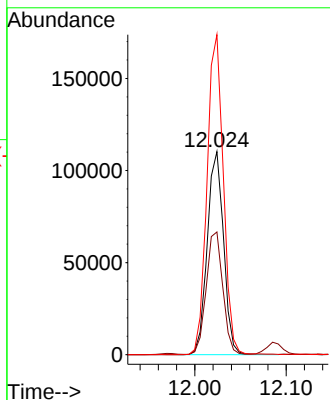
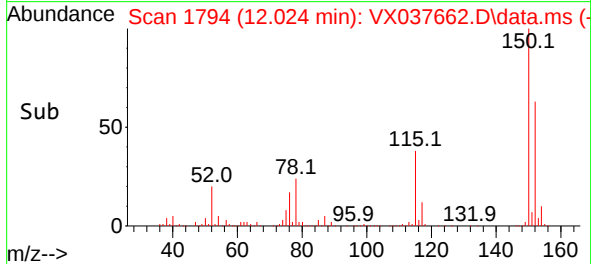
Instrument :
MSVOA_X
ClientSampleId :
NGTW3DL



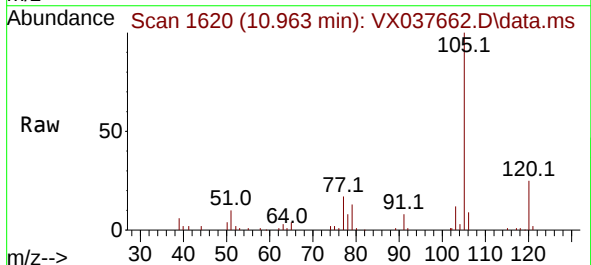
Tgt Ion:152 Resp: 136418
Ion Ratio Lower Upper
152 100
115 61.0 43.3 129.9
150 157.5 0.0 345.0

Manual Integrations
APPROVED

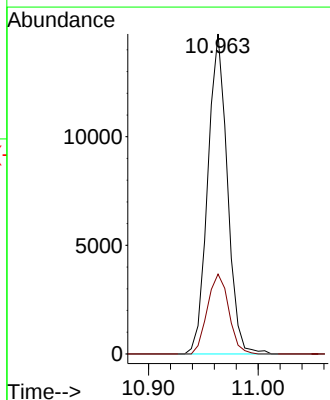
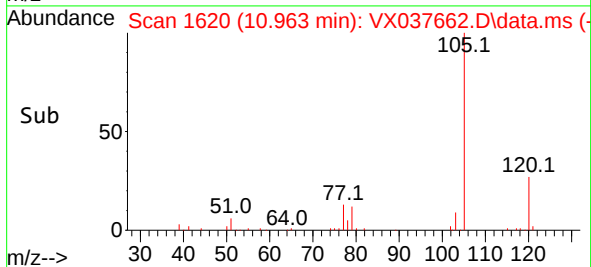
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

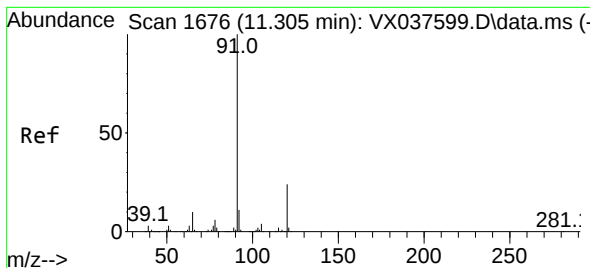


#73
Isopropylbenzene
Concen: 1.789 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037662.D
Acq: 12 Sep 2023 12:33



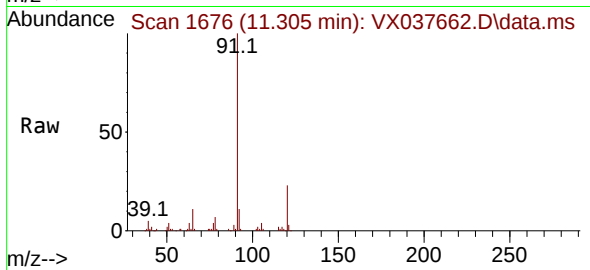
Tgt Ion:105 Resp: 18273
Ion Ratio Lower Upper
105 100
120 27.2 12.9 38.6





#78
n-propylbenzene
Concen: 4.663 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037662.D
Acq: 12 Sep 2023 12:33

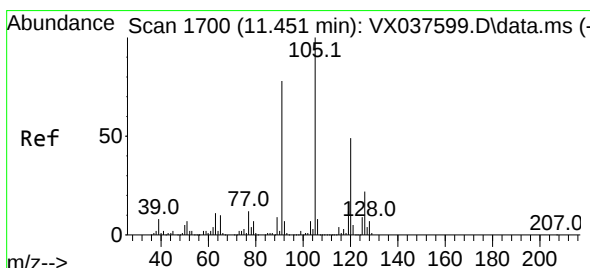
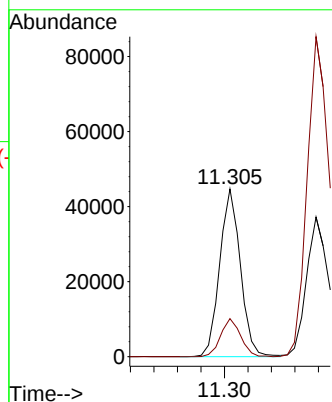
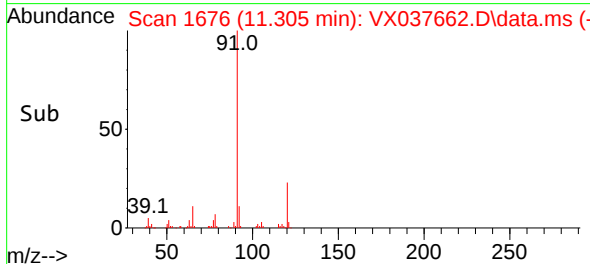
Instrument :
MSVOA_X
ClientSampleId :
NGTW3DL



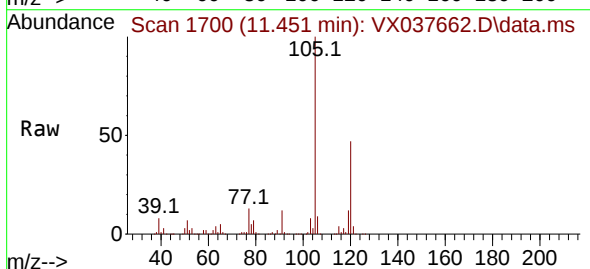
Tgt Ion: 91 Resp: 54788
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4

Manual Integrations
APPROVED

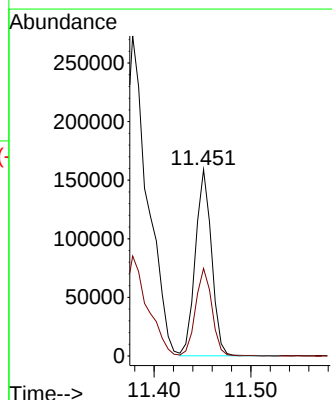
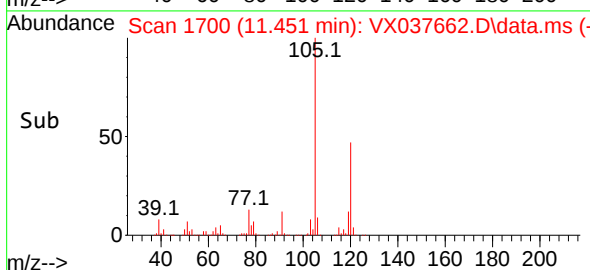
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

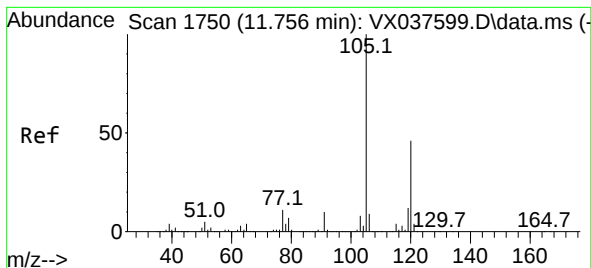


#80
1,3,5-Trimethylbenzene
Concen: 21.495 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037662.D
Acq: 12 Sep 2023 12:33



Tgt Ion:105 Resp: 184508
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 74.461 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX037662.D

Acq: 12 Sep 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

NGTW3DL

Tgt Ion:105 Resp: 64438

Ion Ratio Lower Upper

105 100

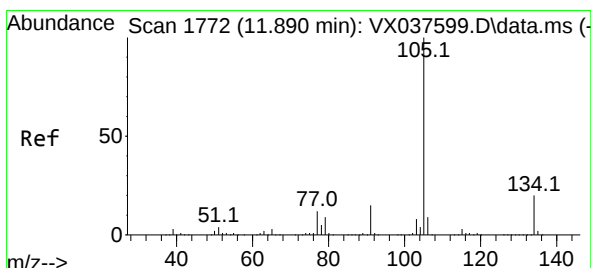
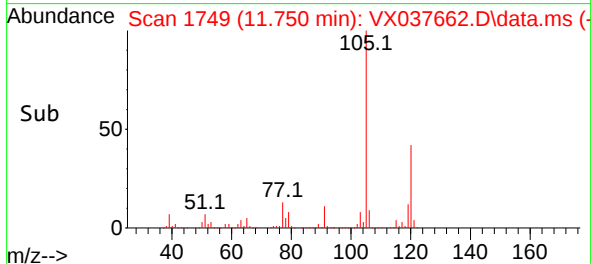
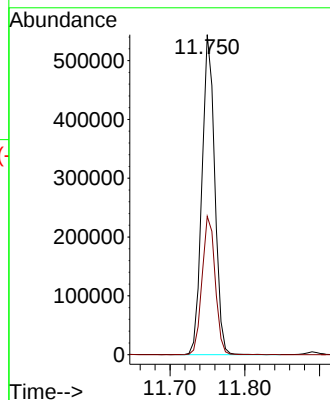
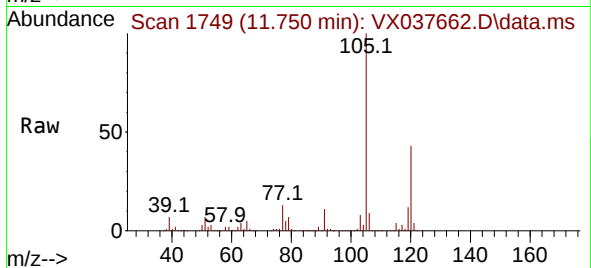
120 44.6 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#85

sec-Butylbenzene

Concen: 0.547 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX037662.D

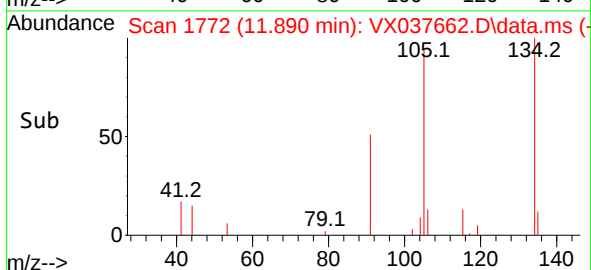
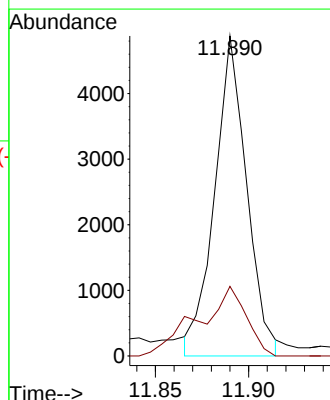
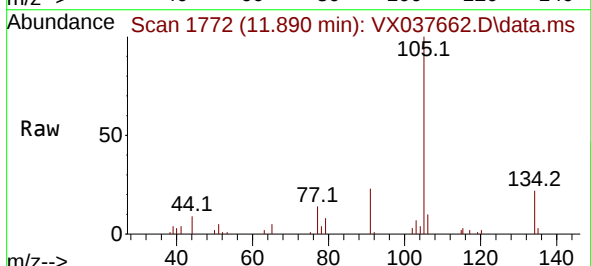
Acq: 12 Sep 2023 12:33

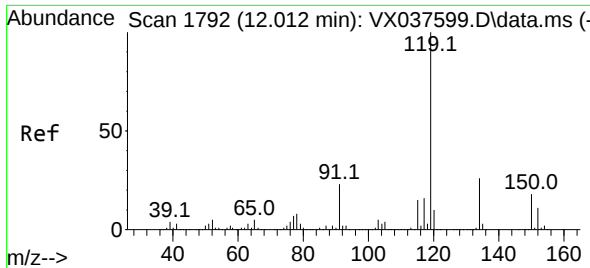
Tgt Ion:105 Resp: 5823

Ion Ratio Lower Upper

105 100

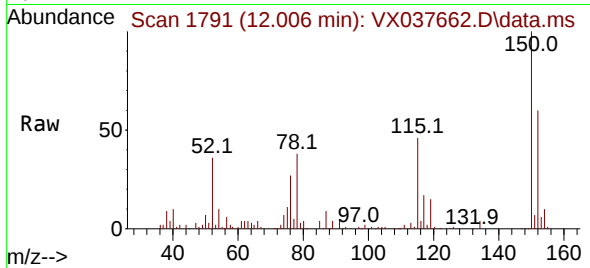
134 0.0 9.8 29.4#





#86
p-Isopropyltoluene
Concen: 0.395 ug/l m
RT: 12.006 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VX037662.D
Acq: 12 Sep 2023 12:33

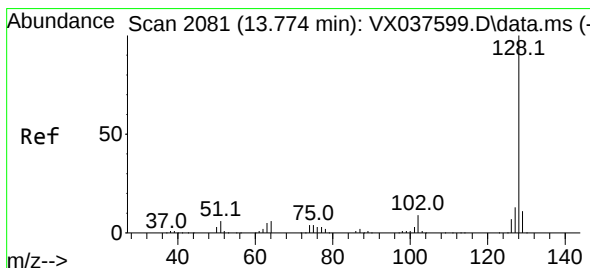
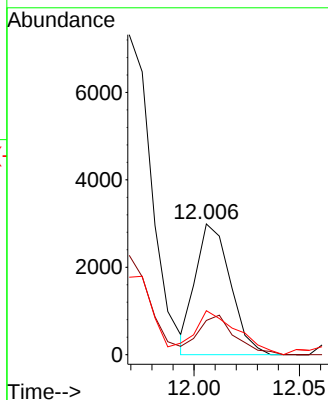
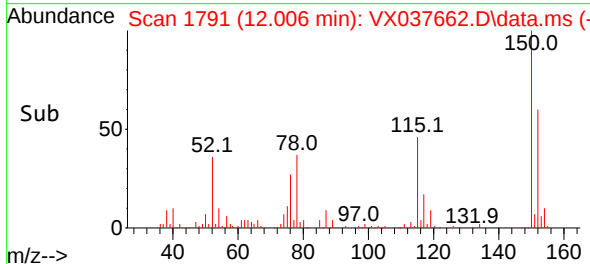
Instrument :
MSVOA_X
ClientSampleId :
NGTW3DL



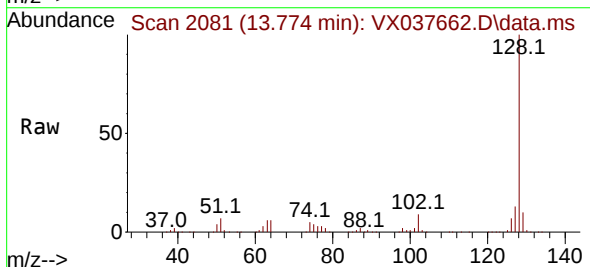
Tgt Ion:119 Resp: 344
Ion Ratio Lower Upper
119 100
134 76.7 12.8 38.3
91 69.7 13.1 39.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#95
Naphthalene
Concen: 15.843 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037662.D
Acq: 12 Sep 2023 12:33



Tgt Ion:128 Resp: 158916
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.8 13.2

