

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
 Data File : VX040107.D
 Acq On : 05 Feb 2024 11:51
 Operator : JC/MD
 Sample : P1342-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MR-323P-GW-20240131-1DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2024
 Supervised By : Mahesh Dadoda 02/06/2024

Quant Time: Feb 06 02:57:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	89261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66319	46.166	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.340%		
35) Dibromofluoromethane	5.385	113	52974	49.969	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.940%		
50) Toluene-d8	8.647	98	197957	49.931	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.860%		
62) 4-Bromofluorobenzene	11.079	95	78220	51.238	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.480%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	2891	11.091	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	3122	0.908	ug/l #	87
31) Cyclohexane	5.464	56	744	0.413	ug/l #	86
39) Methylcyclohexane	7.385	83	2063	1.106	ug/l	96
40) Benzene	6.044	78	2367	0.530	ug/l	95
52) Toluene	8.726	92	732	0.263	ug/l	90
67) Ethyl Benzene	10.195	91	324008	56.378	ug/l	99
68) m/p-Xylenes	10.305	106	3282	1.518	ug/l #	1
69) o-Xylene	10.640	106	553	0.270	ug/l	69
73) Isopropylbenzene	10.963	105	65802	11.742	ug/l	100
78) n-propylbenzene	11.305	91	237764	34.477	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	110121	22.859	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	602692	125.376	ug/l	98
85) sec-Butylbenzene	11.890	105	9332m	1.528	ug/l	
86) p-Isopropyltoluene	12.006	119	4661	0.935	ug/l #	69
89) n-Butylbenzene	12.329	91	23404	4.835	ug/l #	42

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

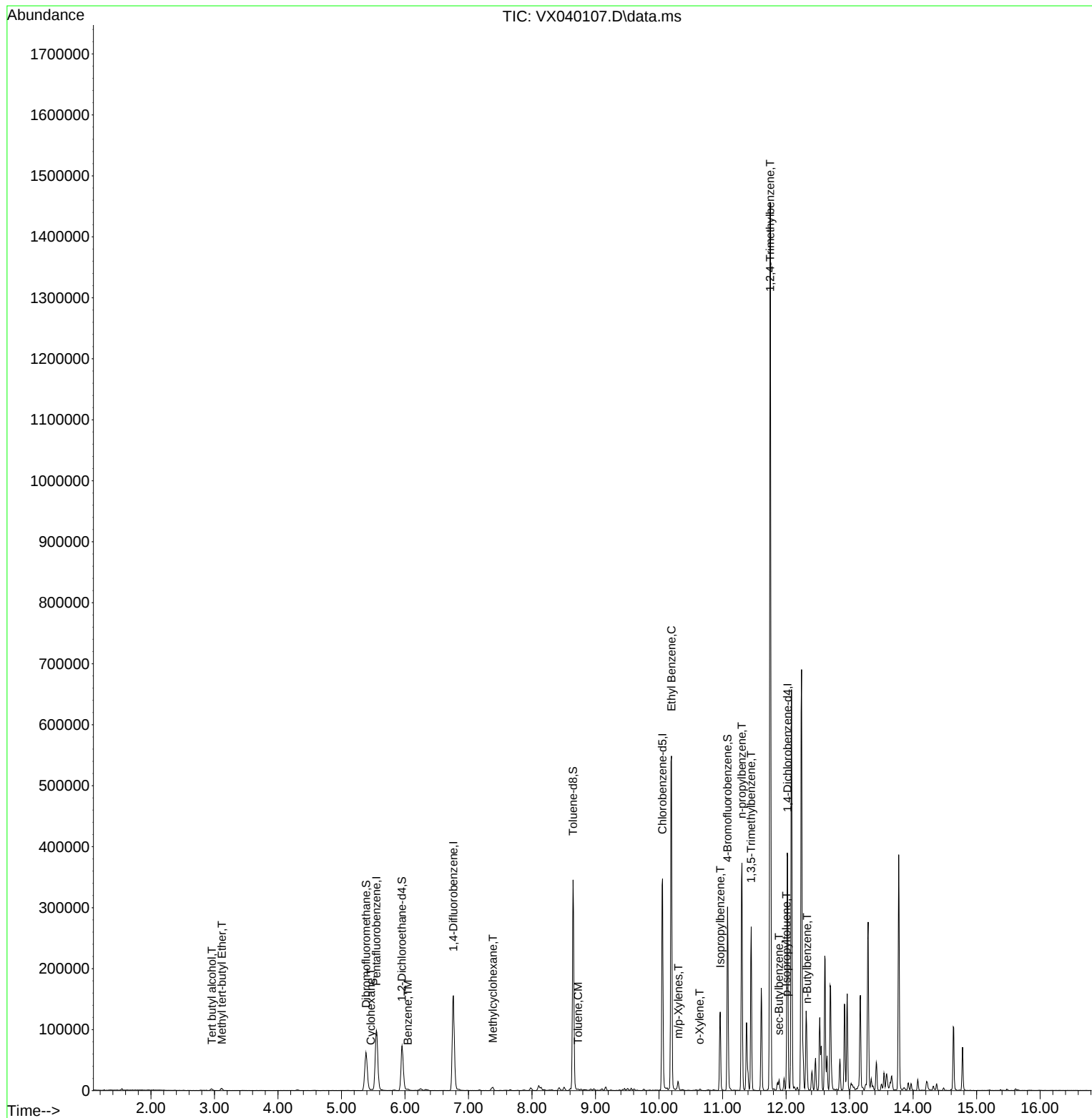
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
Data File : VX040107.D
Acq On : 05 Feb 2024 11:51
Operator : JC/MD
Sample : P1342-07DL 10X
Misc : 5.0mL/MSVOA_X/WATER
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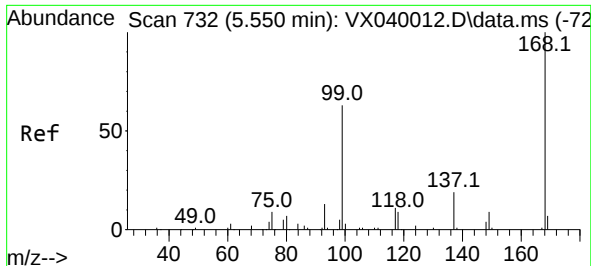
Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1DL

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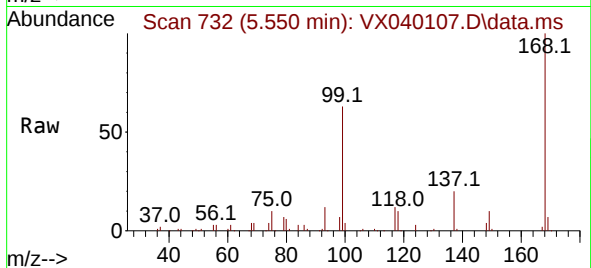
Quant Time: Feb 06 02:57:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040107.D
Acq: 05 Feb 2024 11:51

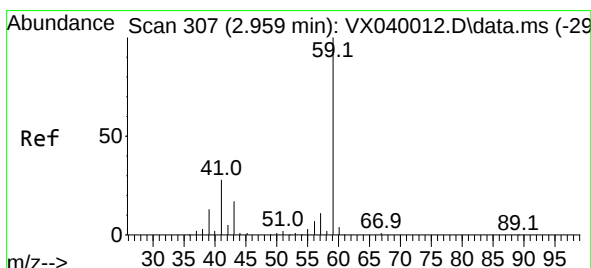
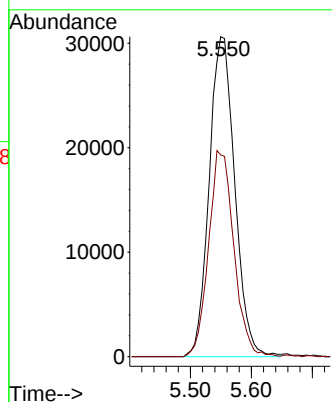
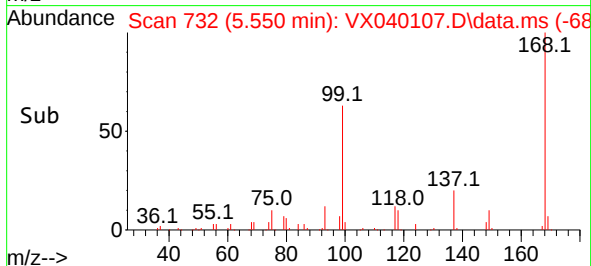
Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1DL



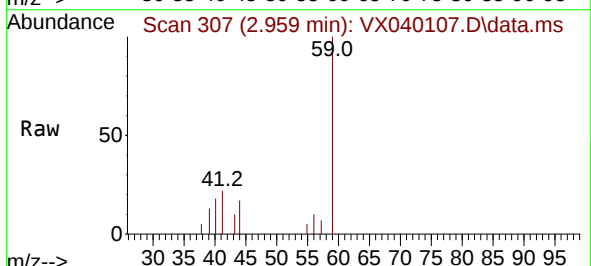
Tgt Ion:168 Resp: 8926
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0

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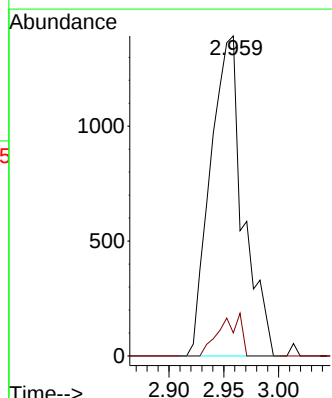
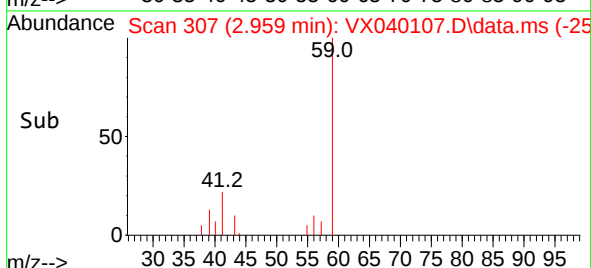
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

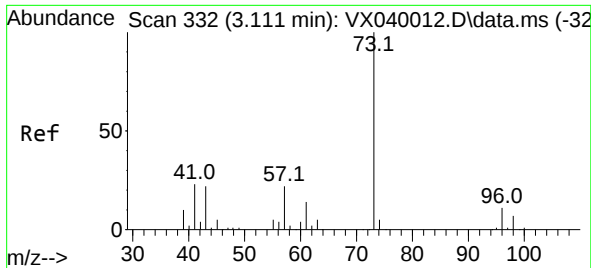


#11
Tert butyl alcohol
Concen: 11.091 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX040107.D
Acq: 05 Feb 2024 11:51



Tgt Ion: 59 Resp: 2891
Ion Ratio Lower Upper
59 100
57 8.7 6.0 9.0





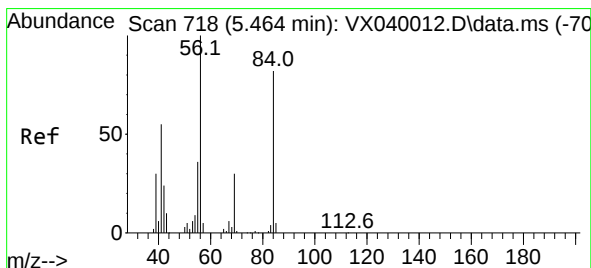
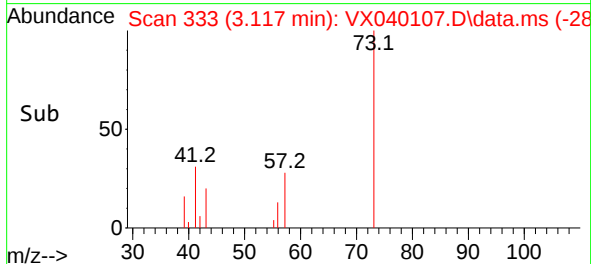
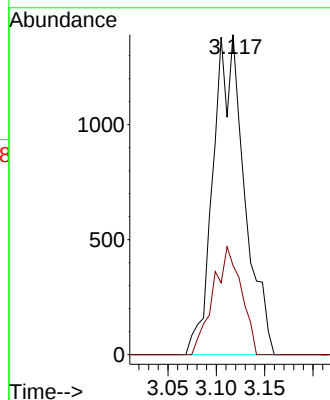
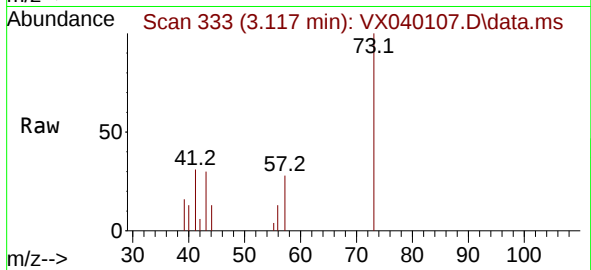
#19
Methyl tert-butyl Ether
Concen: 0.908 ug/l
RT: 3.117 min Scan# 312
Delta R.T. 0.006 min
Lab File: VX040107.D
Acq: 05 Feb 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1DL

Tgt Ion: 73 Resp: 312
Ion Ratio Lower Upper
73 100
57 27.9 17.3 25.9

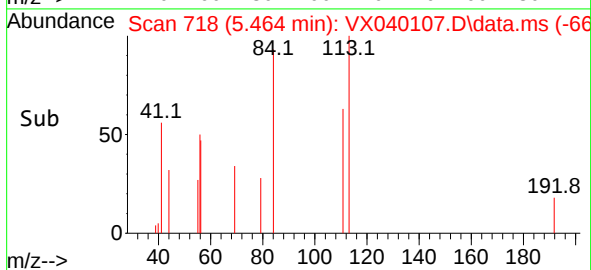
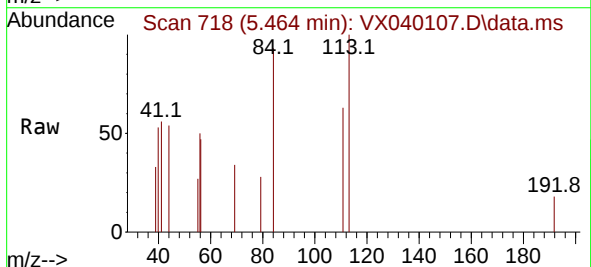
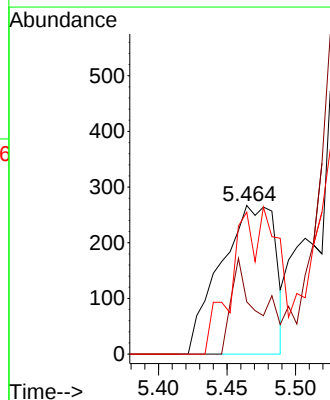
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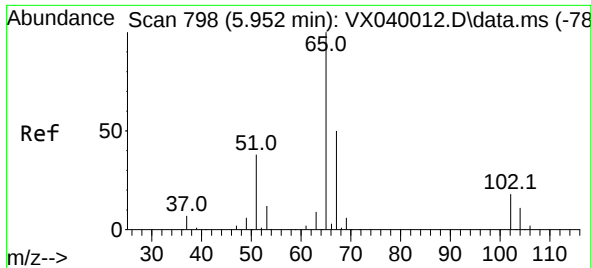
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#31
Cyclohexane
Concen: 0.413 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX040107.D
Acq: 05 Feb 2024 11:51

Tgt Ion: 56 Resp: 744
Ion Ratio Lower Upper
56 100
69 35.2 23.4 35.2#
84 95.5 65.9 98.9





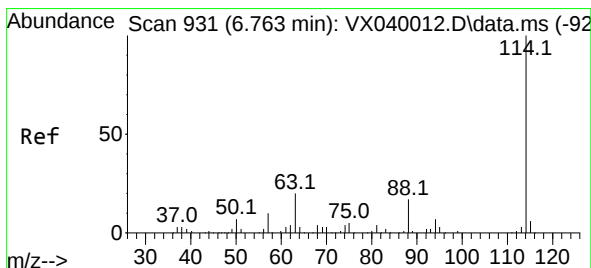
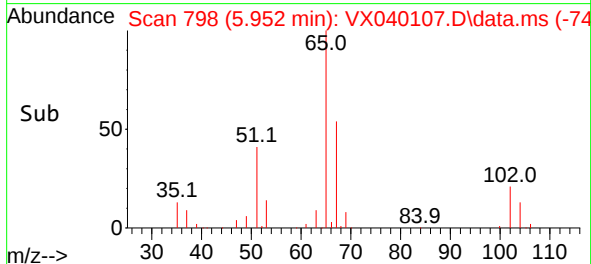
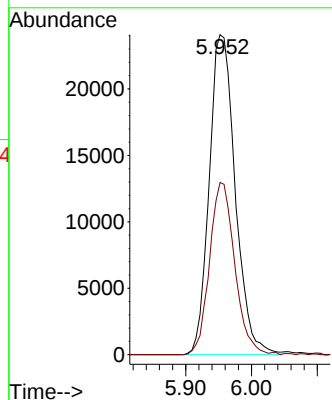
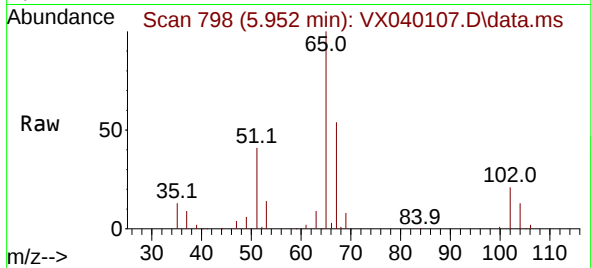
#33
1,2-Dichloroethane-d4
Concen: 46.166 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040107.D
Acq: 05 Feb 2024 11:51

Instrument : MSVOA_X
ClientSampleId : MR-323P-GW-20240131-1DL

Tgt Ion: 65 Resp: 66319
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

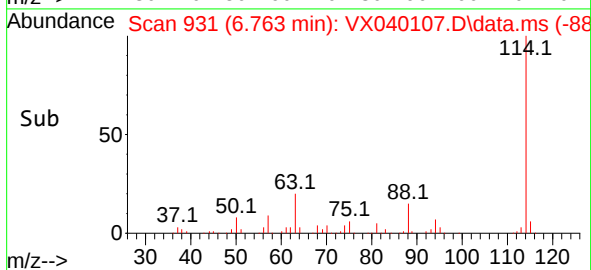
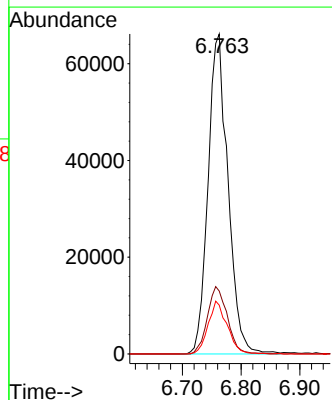
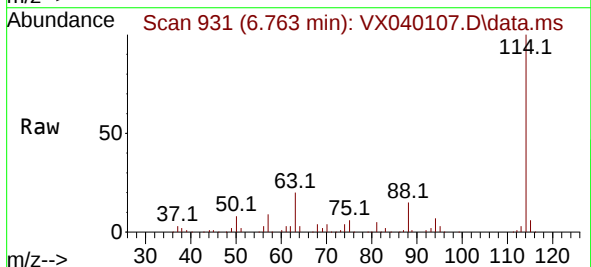
Manual Integrations
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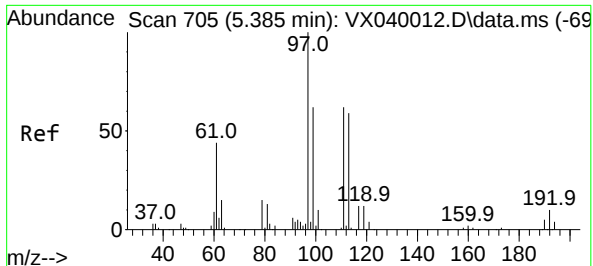
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX040107.D
Acq: 05 Feb 2024 11:51

Tgt Ion:114 Resp: 155735
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.969 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040107.D

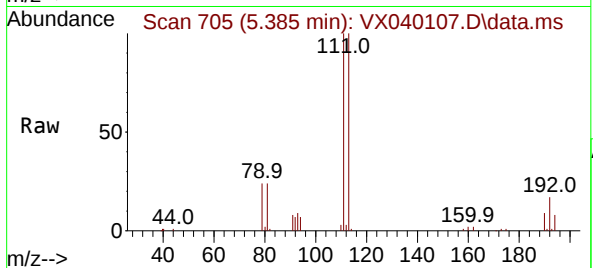
Acq: 05 Feb 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

MR-323P-GW-20240131-1DL



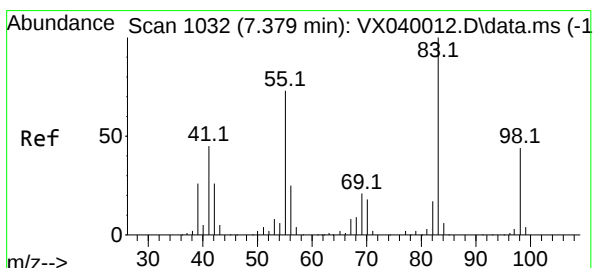
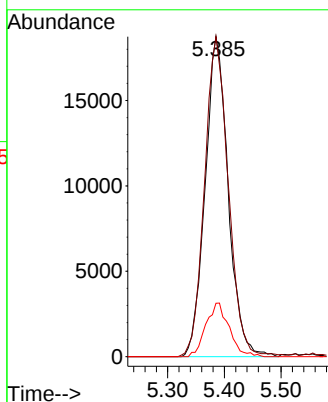
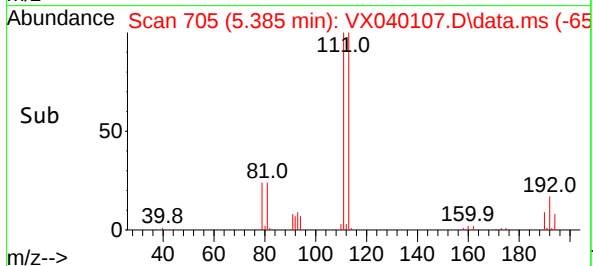
Tgt Ion:	113	Resp:	52974
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	16.9	13.3	19.9

Manual Integrations

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Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#39

Methylcyclohexane

Concen: 1.106 ug/l

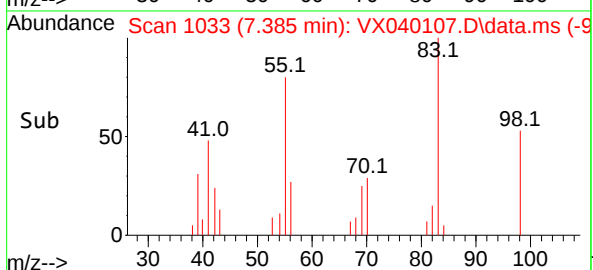
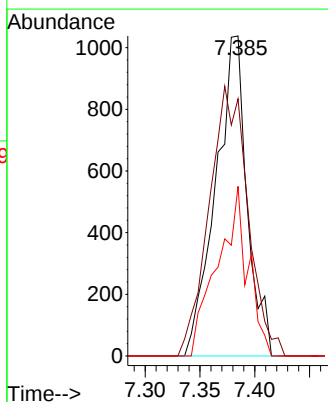
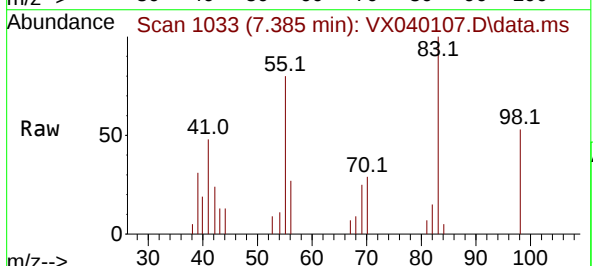
RT: 7.385 min Scan# 1033

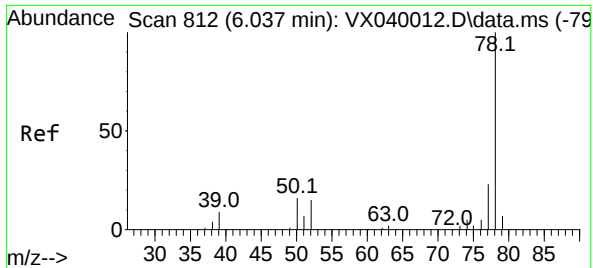
Delta R.T. 0.006 min

Lab File: VX040107.D

Acq: 05 Feb 2024 11:51

Tgt Ion:	83	Resp:	2063
Ion	Ratio	Lower	Upper
83	100		
55	80.3	64.6	97.0
98	53.0	36.7	55.1





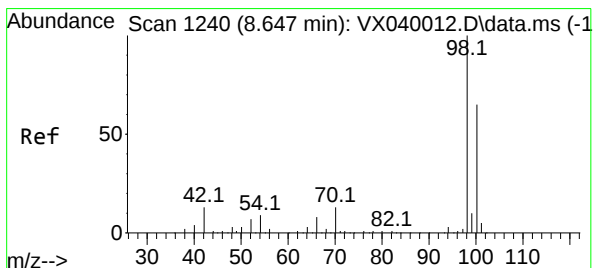
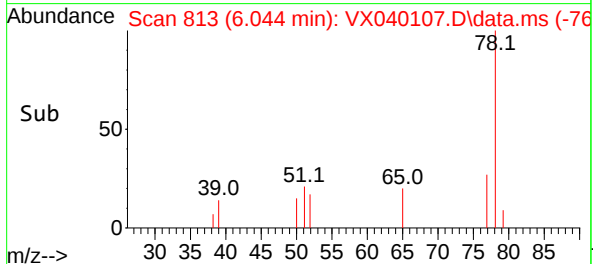
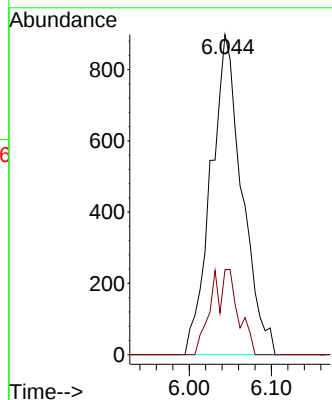
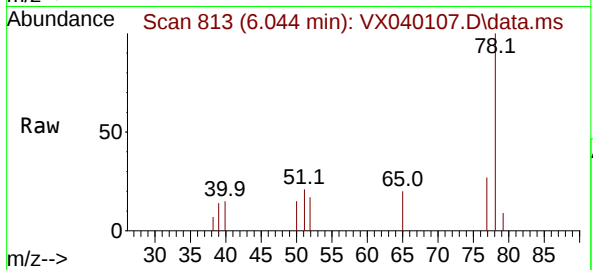
#40
Benzene
Concen: 0.530 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX040107.D
Acq: 05 Feb 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1DL

Tgt Ion: 78 Resp: 236
Ion Ratio Lower Upper
78 100
77 26.6 19.3 28.9

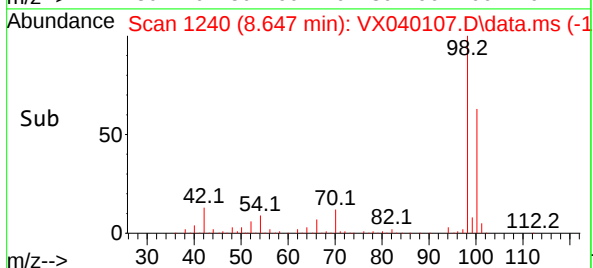
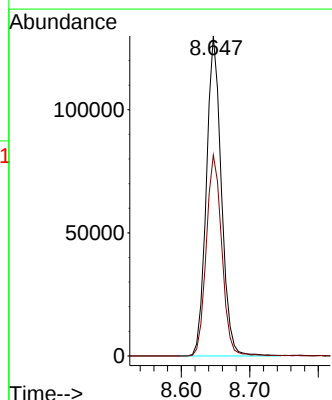
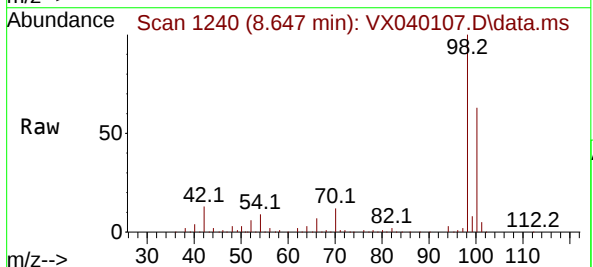
Manual Integrations
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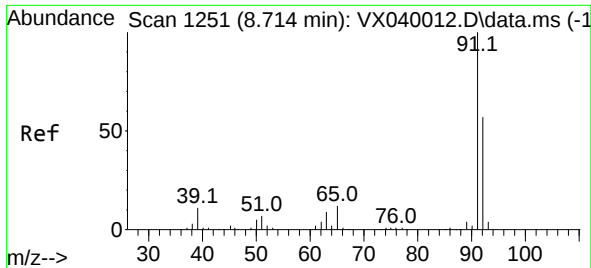
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#50
Toluene-d8
Concen: 49.931 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040107.D
Acq: 05 Feb 2024 11:51

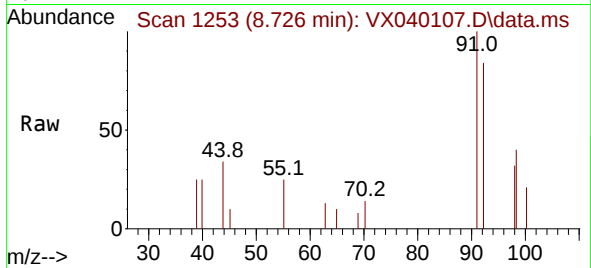
Tgt Ion: 98 Resp: 197957
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7





#52
Toluene
Concen: 0.263 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX040107.D
Acq: 05 Feb 2024 11:51

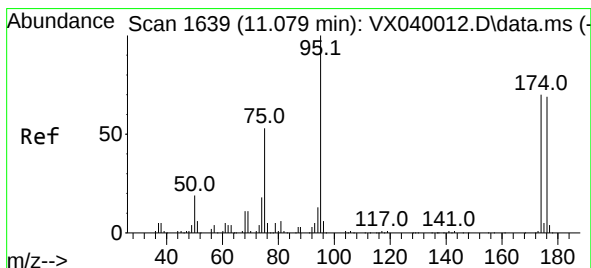
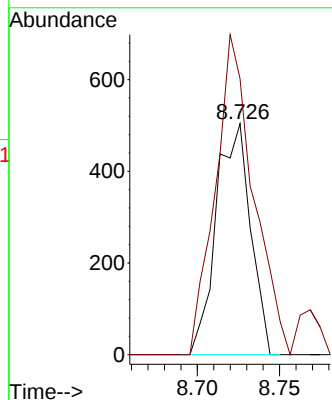
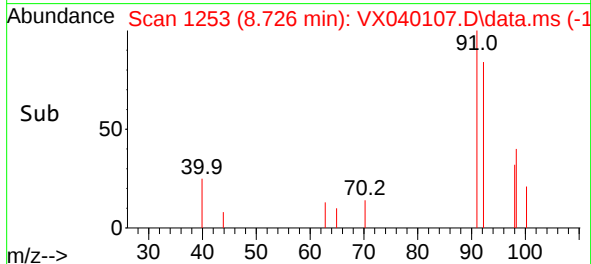
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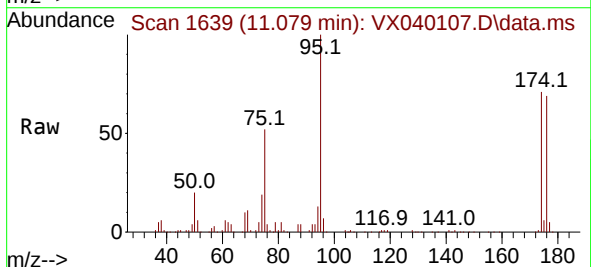
Tgt Ion: 92 Resp: 732
Ion Ratio Lower Upper
92 100
91 154.0 134.2 201.2

Manual Integrations
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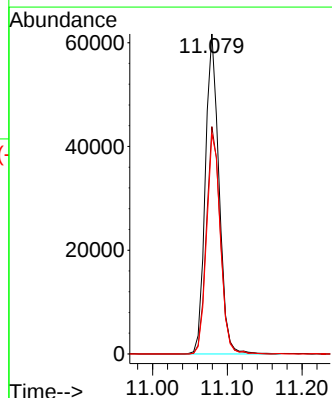
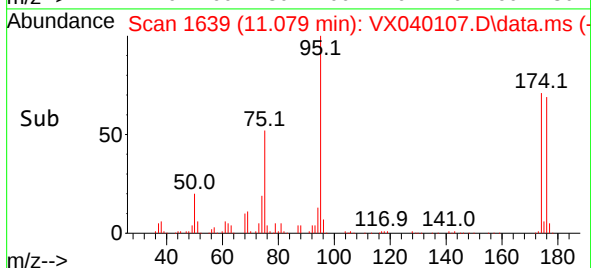
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

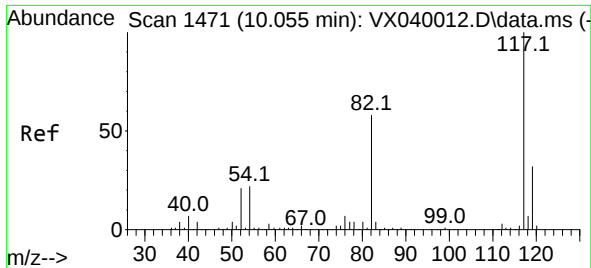


#62
4-Bromofluorobenzene
Concen: 51.238 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040107.D
Acq: 05 Feb 2024 11:51



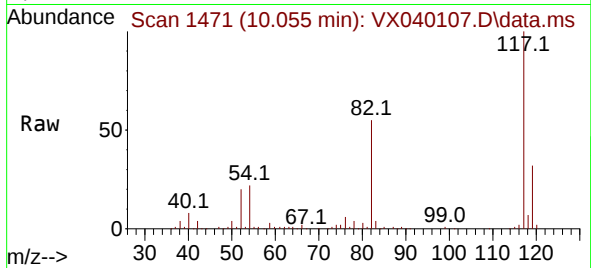
Tgt Ion: 95 Resp: 78220
Ion Ratio Lower Upper
95 100
174 71.9 0.0 135.6
176 69.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040107.D
Acq: 05 Feb 2024 11:51

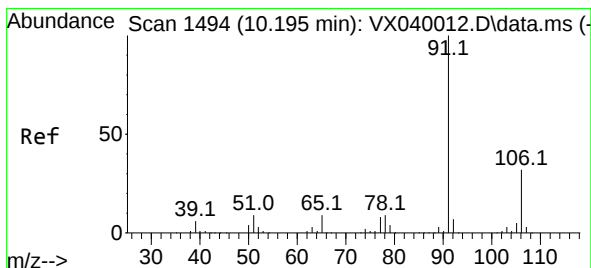
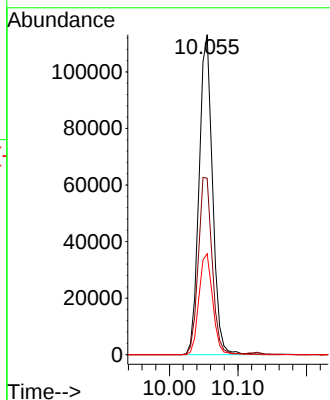
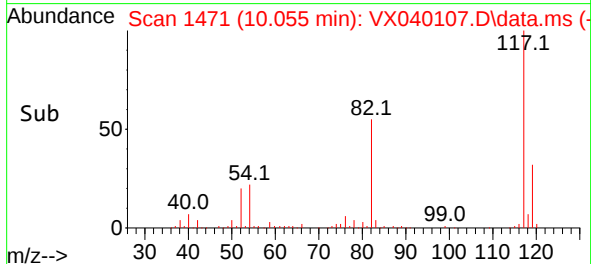
Instrument : MSVOA_X
ClientSampleId : MR-323P-GW-20240131-1DL



Tgt Ion: 117 Resp: 154960
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 31.5 25.5 38.3

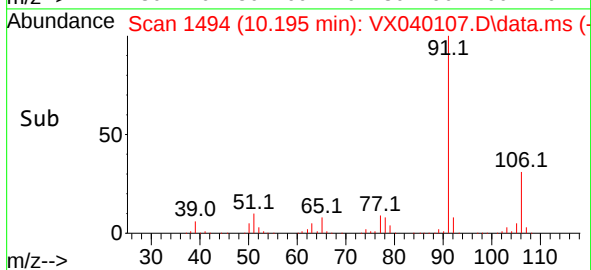
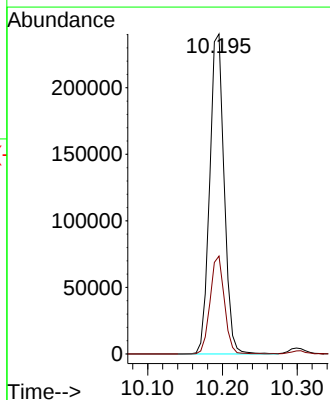
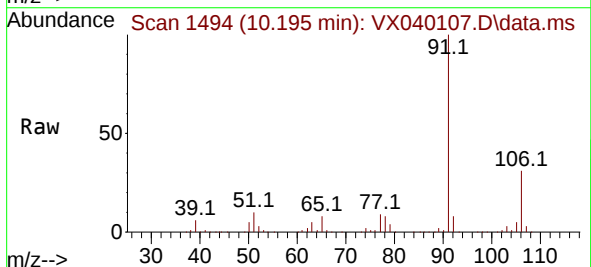
Manual Integrations
APPROVED

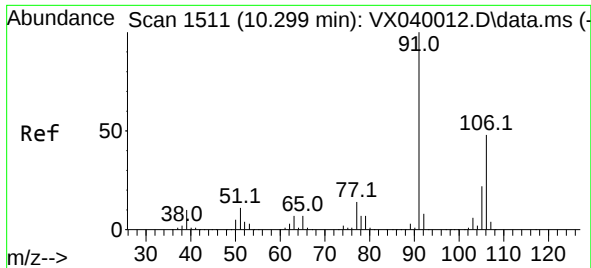
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#67
Ethyl Benzene
Concen: 56.378 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040107.D
Acq: 05 Feb 2024 11:51

Tgt Ion: 91 Resp: 324008
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3





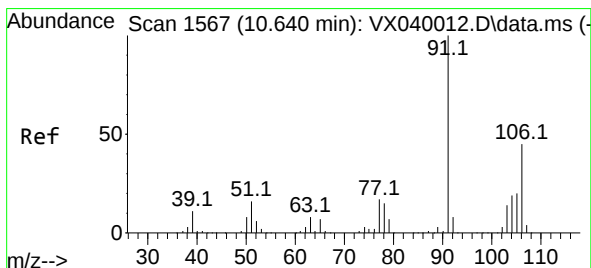
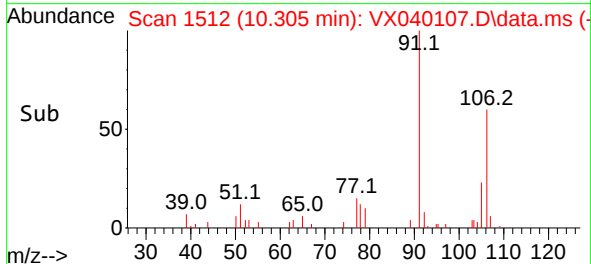
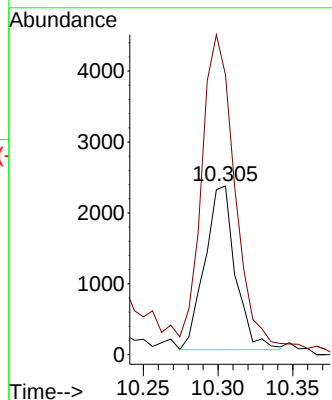
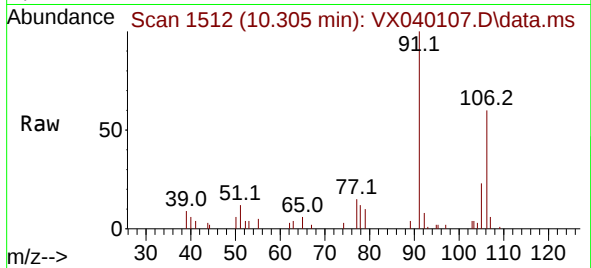
#68
m/p-Xylenes
Concen: 1.518 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX040107.D
Acq: 05 Feb 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1DL

Tgt Ion:106 Resp: 328
Ion Ratio Lower Upper
106 100
91 0.0 165.5 248.3

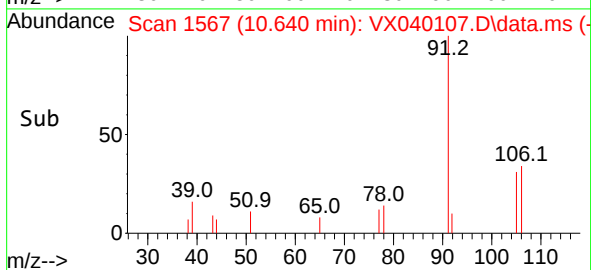
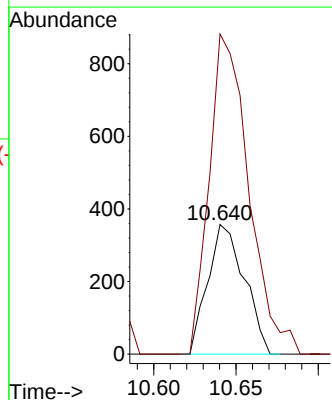
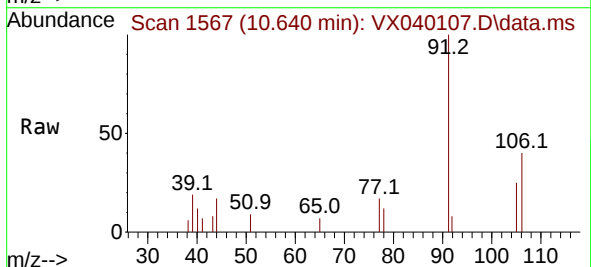
Manual Integrations
APPROVED

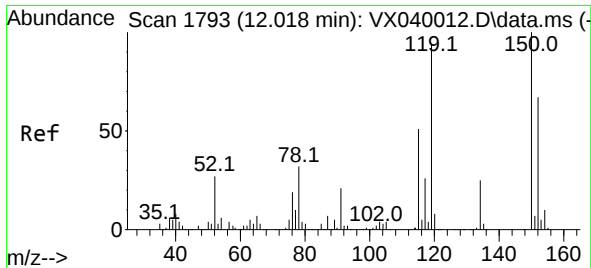
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#69
o-Xylene
Concen: 0.270 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040107.D
Acq: 05 Feb 2024 11:51

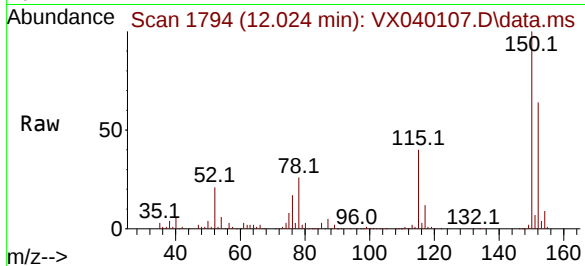
Tgt Ion:106 Resp: 553
Ion Ratio Lower Upper
106 100
91 268.0 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040107.D
Acq: 05 Feb 2024 11:51

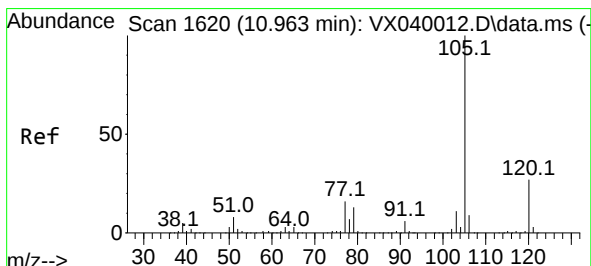
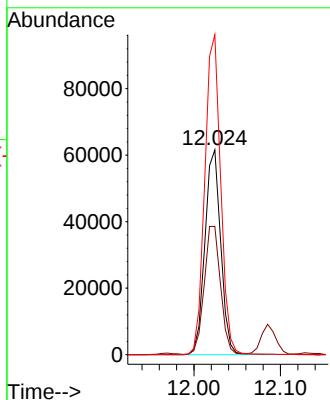
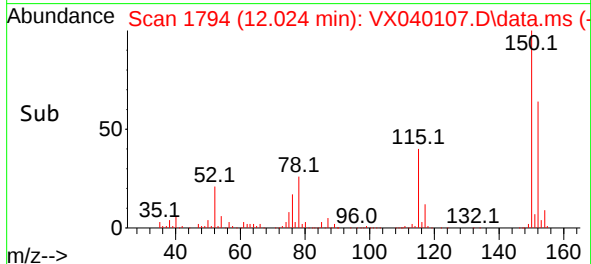
Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1DL



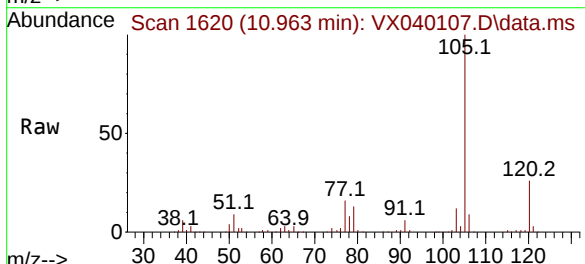
Tgt Ion:152 Resp: 7804
Ion Ratio Lower Upper
152 100
115 64.6 43.3 129.9
150 156.5 0.0 345.0

Manual Integrations
APPROVED

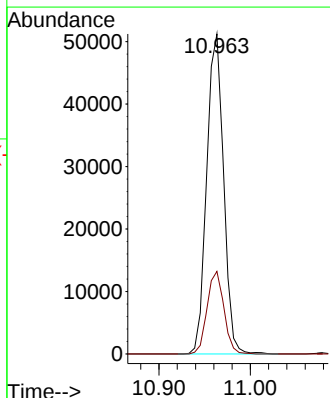
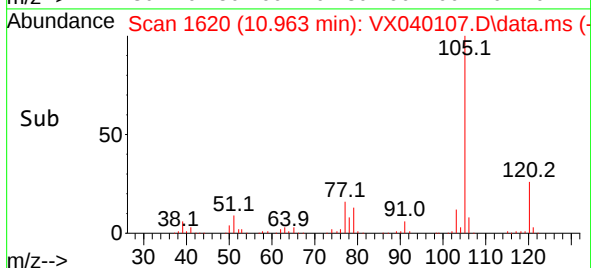
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

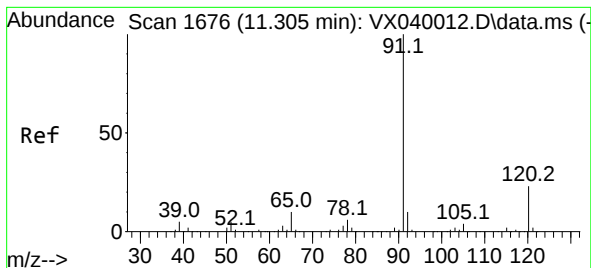


#73
Isopropylbenzene
Concen: 11.742 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040107.D
Acq: 05 Feb 2024 11:51



Tgt Ion:105 Resp: 65802
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6





#78

n-propylbenzene

Concen: 34.477 ug/l

RT: 11.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040107.D

Acq: 05 Feb 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

MR-323P-GW-20240131-1DL

Tgt Ion: 91 Resp: 237764

Ion Ratio Lower Upper

91 100

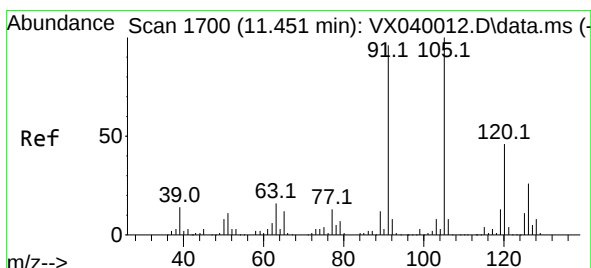
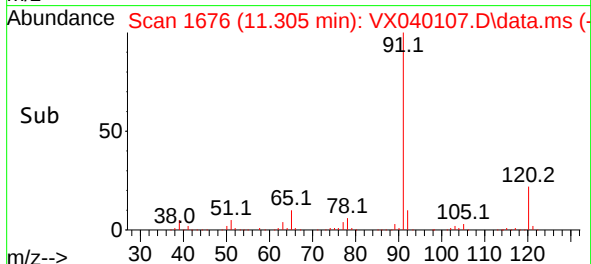
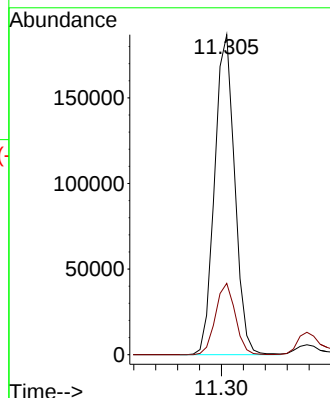
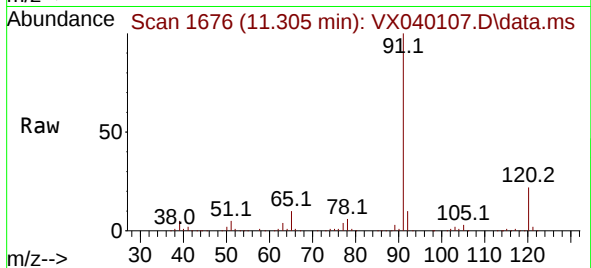
120 22.0 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#80

1,3,5-Trimethylbenzene

Concen: 22.859 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040107.D

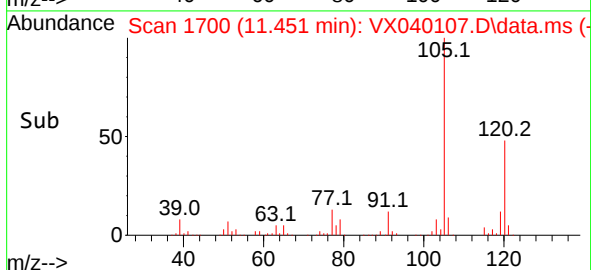
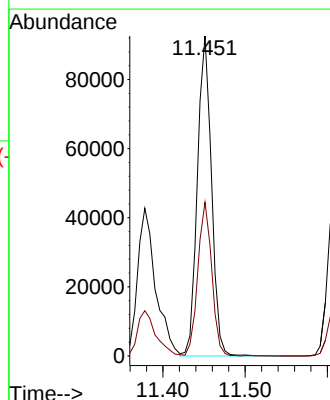
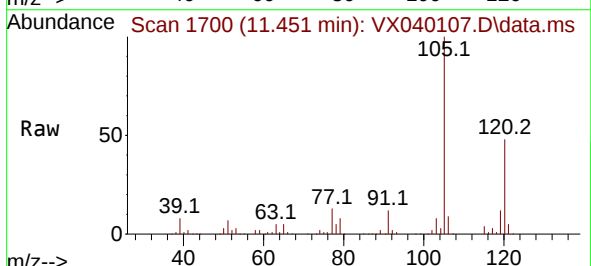
Acq: 05 Feb 2024 11:51

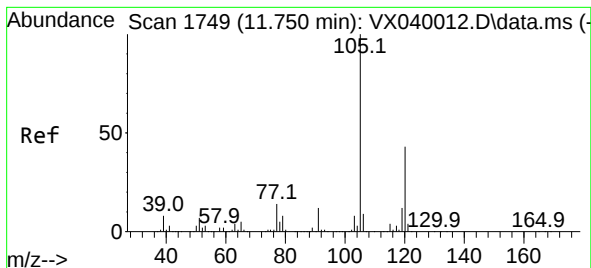
Tgt Ion:105 Resp: 110121

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 125.376 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040107.D

Acq: 05 Feb 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

MR-323P-GW-20240131-1DL

Tgt Ion:105 Resp: 602692

Ion Ratio Lower Upper

105 100

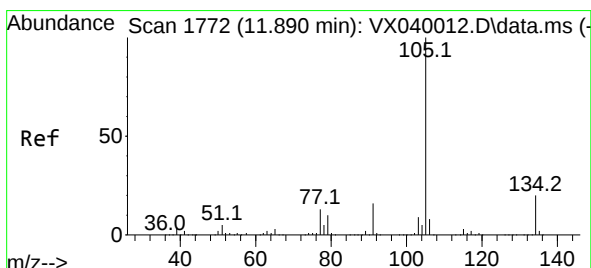
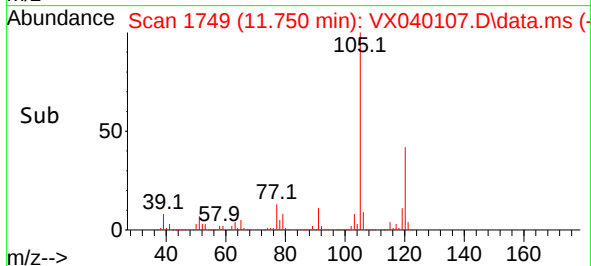
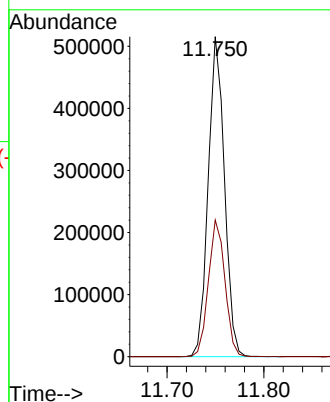
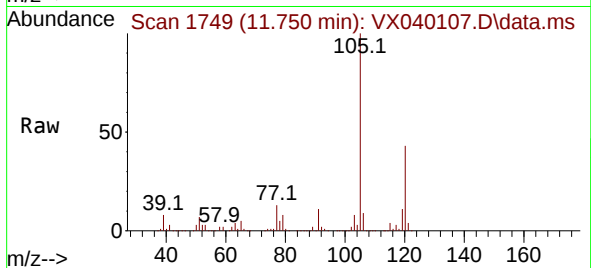
120 43.6 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#85

sec-Butylbenzene

Concen: 1.528 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX040107.D

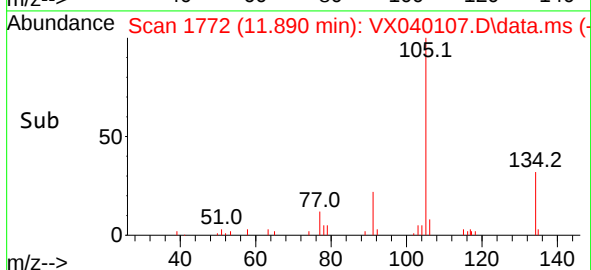
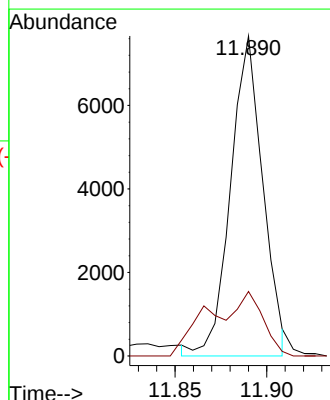
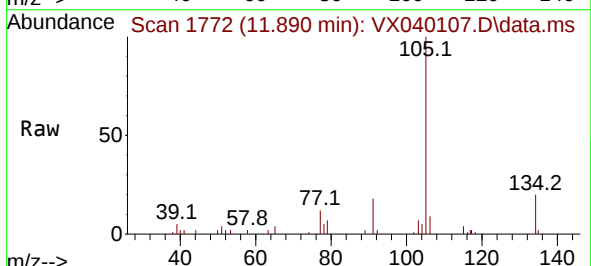
Acq: 05 Feb 2024 11:51

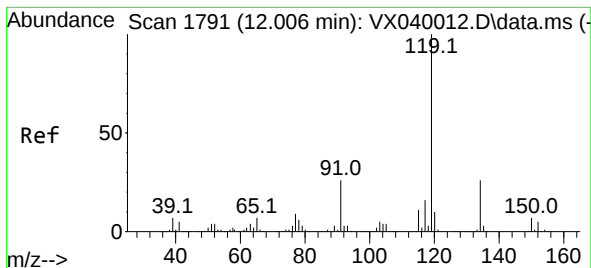
Tgt Ion:105 Resp: 9332

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#





#86

p-Isopropyltoluene

Concen: 0.935 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX040107.D

Acq: 05 Feb 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

MR-323P-GW-20240131-1DL

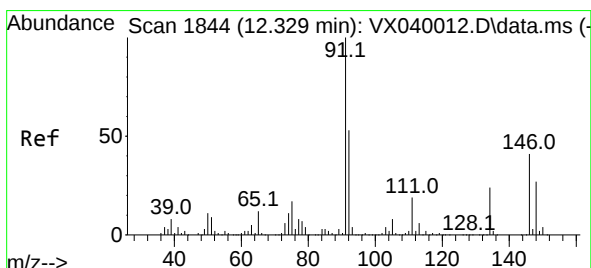
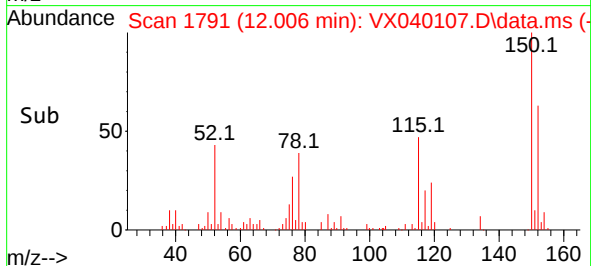
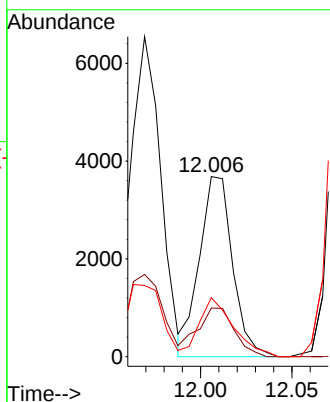
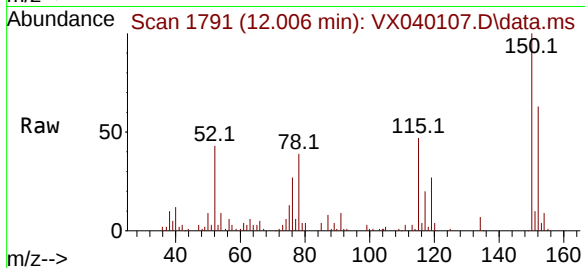
Tgt Ion:	119	Resp:	466
Ion Ratio	Lower	Upper	
119	100		
134	30.4	12.8	38.3
91	0.0	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#89

n-Butylbenzene

Concen: 4.835 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX040107.D

Acq: 05 Feb 2024 11:51

Tgt Ion:	91	Resp:	23404
Ion Ratio	Lower	Upper	
91	100		
92	31.5	27.4	82.0
134	82.2	12.6	37.8

