

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
 Data File : VX040106.D
 Acq On : 05 Feb 2024 11:28
 Operator : JC/MD
 Sample : P1342-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MR-323P-GW-20240131-ODL

Manual Integrations
 APPROVED

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

Quant Time: Feb 06 02:57:19 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)

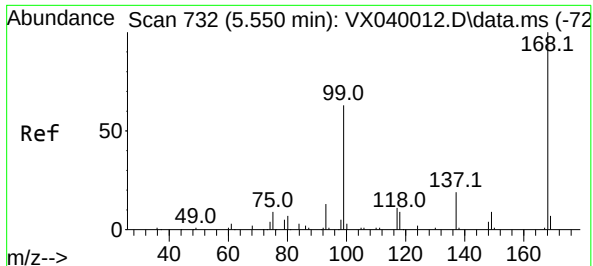
Internal Standards						
1) Pentafluorobenzene	5.556	168	85424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	149154	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62968	45.802	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.600%		
35) Dibromofluoromethane	5.385	113	50436	49.674	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.340%		
50) Toluene-d8	8.647	98	182725	48.122	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.240%		
62) 4-Bromofluorobenzene	11.079	95	70513	48.228	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.460%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	3944	15.811	ug/l #	93
19) Methyl tert-butyl Ether	3.111	73	4647	1.412	ug/l #	90
39) Methylcyclohexane	7.385	83	2645	1.480	ug/l #	91
67) Ethyl Benzene	10.195	91	289294	56.078	ug/l	99
68) m/p-Xylenes	10.299	106	2563m	1.321	ug/l	
73) Isopropylbenzene	10.963	105	62675	12.314	ug/l	98
78) n-propylbenzene	11.305	91	226051	36.091	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	78732	17.995	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	488821	111.963	ug/l	98
85) sec-Butylbenzene	11.890	105	9685m	1.746	ug/l	
86) p-Isopropyltoluene	12.006	119	4593m	1.014	ug/l	
89) n-Butylbenzene	12.329	91	21586	4.910	ug/l #	50

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

Manual Integrations

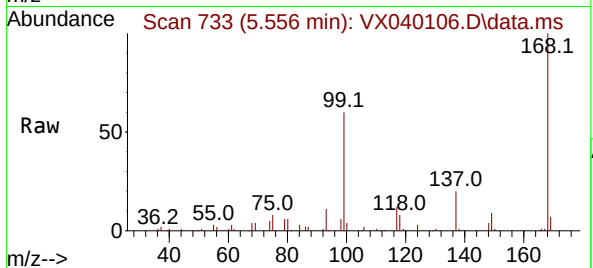
Quant Time: Feb 06 02:57:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040106.D
Acq: 05 Feb 2024 11:28

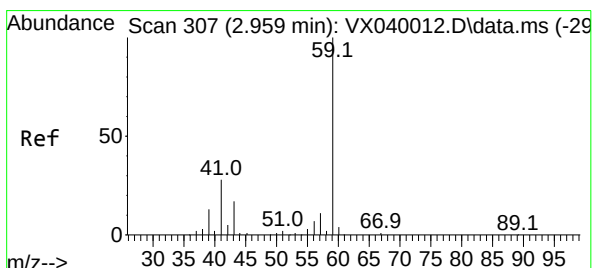
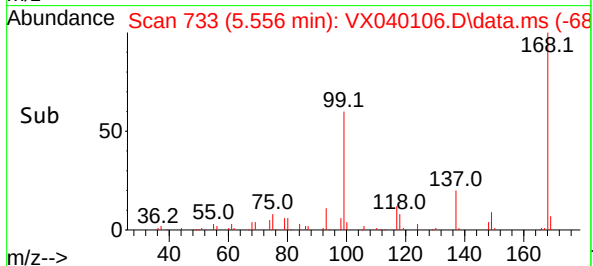
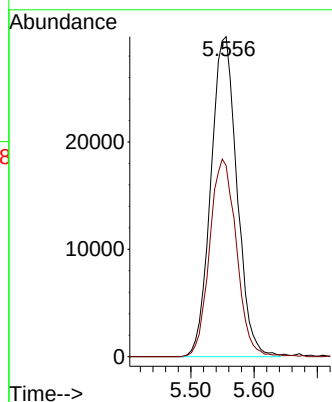
Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-ODL



Tgt Ion:168 Resp: 85424
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0

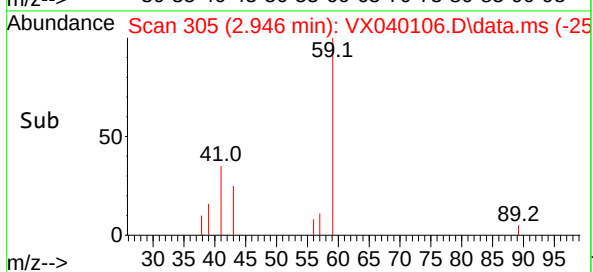
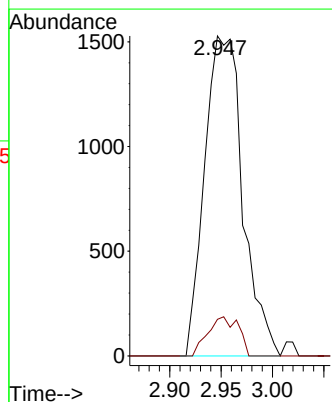
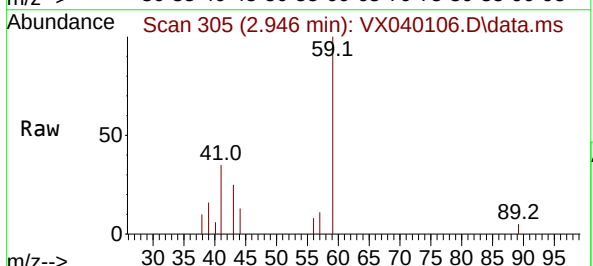
Manual Integrations
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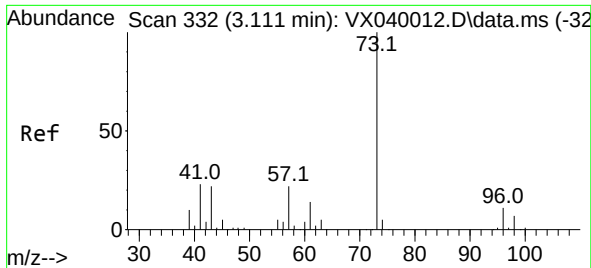
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#11
Tert butyl alcohol
Concen: 15.811 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX040106.D
Acq: 05 Feb 2024 11:28

Tgt Ion: 59 Resp: 3944
Ion Ratio Lower Upper
59 100
57 9.8 6.0 9.0#





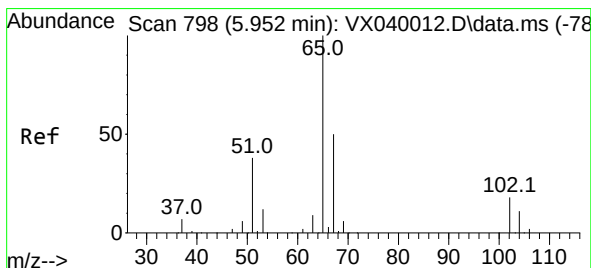
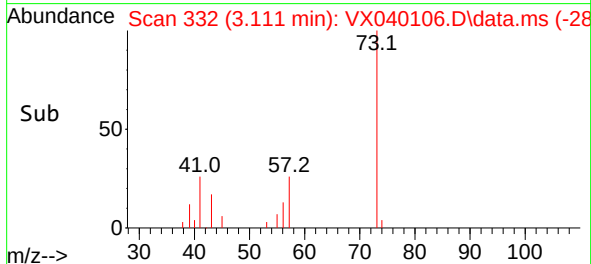
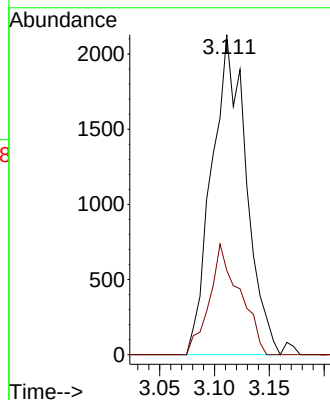
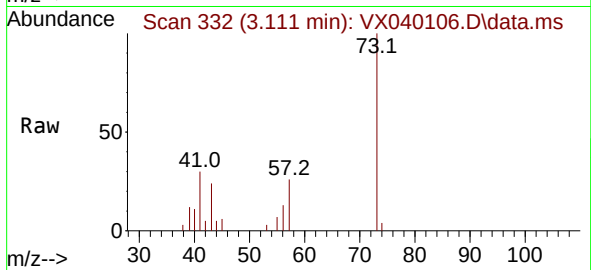
#19
Methyl tert-butyl Ether
Concen: 1.412 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040106.D
Acq: 05 Feb 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-ODL

Tgt Ion: 73 Resp: 464
Ion Ratio Lower Upper
73 100
57 26.4 17.3 25.9

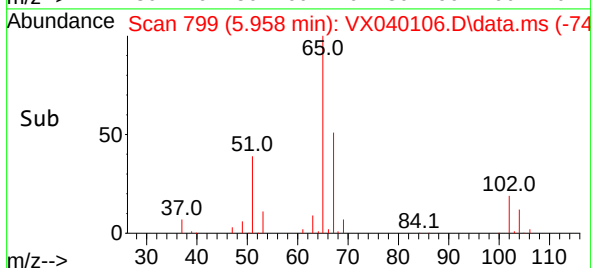
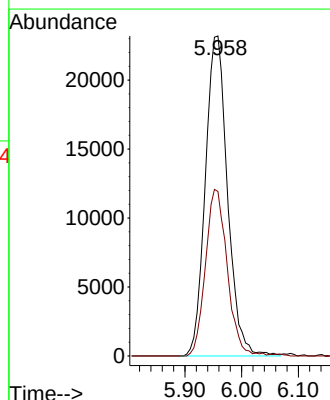
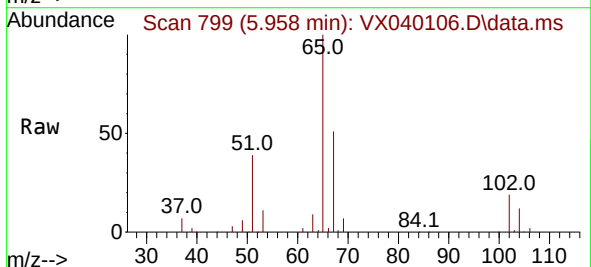
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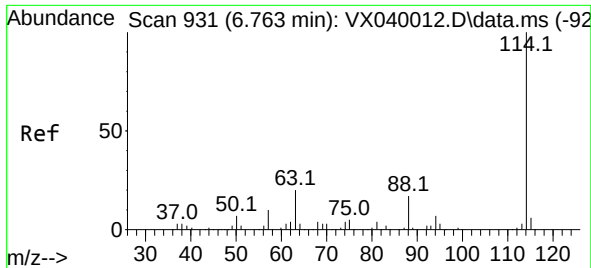
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#33
1,2-Dichloroethane-d4
Concen: 45.802 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040106.D
Acq: 05 Feb 2024 11:28

Tgt Ion: 65 Resp: 62968
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2





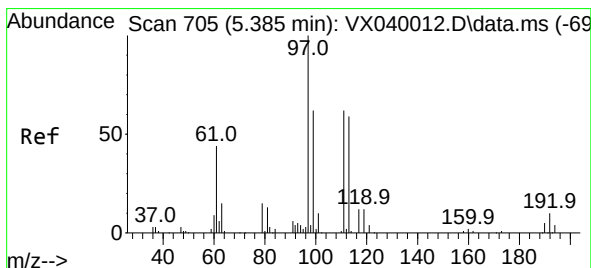
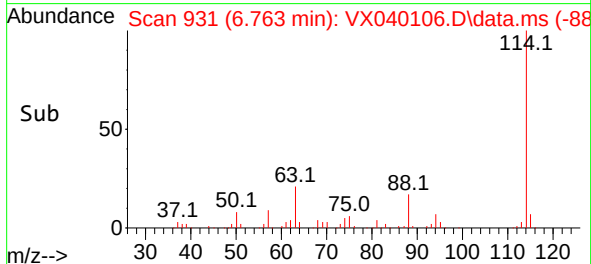
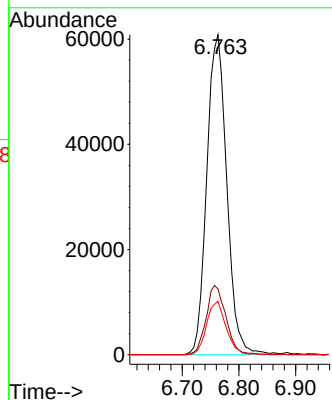
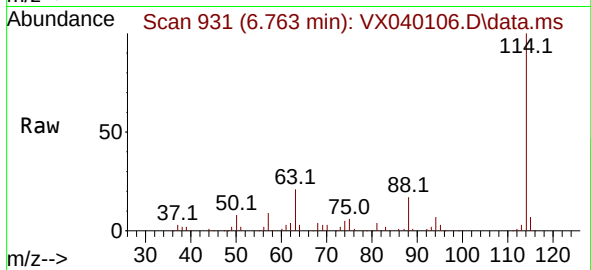
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040106.D
Acq: 05 Feb 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-ODL

Tgt Ion:114 Resp: 149154
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 16.6 0.0 36.6

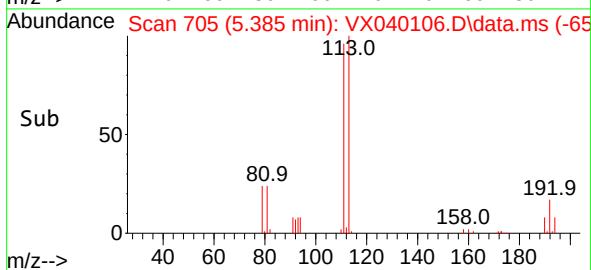
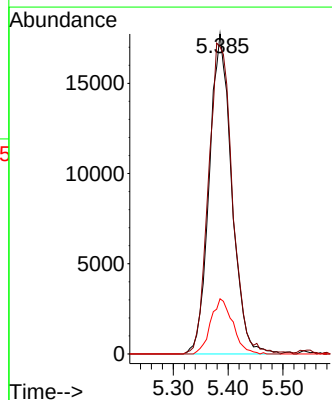
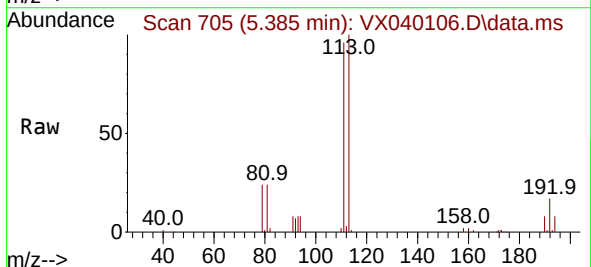
Manual Integrations
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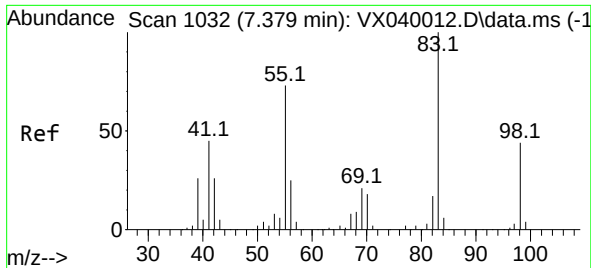
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#35
Dibromofluoromethane
Concen: 49.674 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040106.D
Acq: 05 Feb 2024 11:28

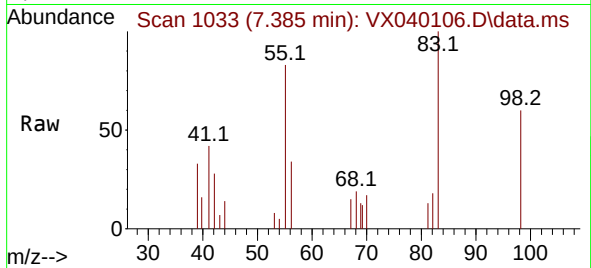
Tgt Ion:113 Resp: 50436
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 16.9 13.3 19.9





#39
Methylcyclohexane
Concen: 1.480 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX040106.D
Acq: 05 Feb 2024 11:28

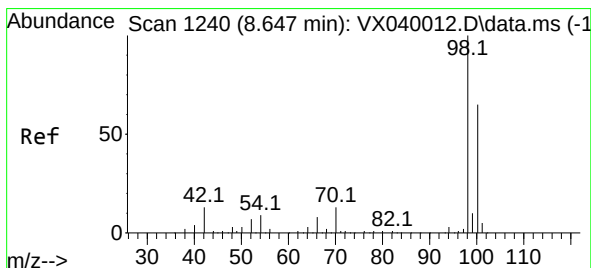
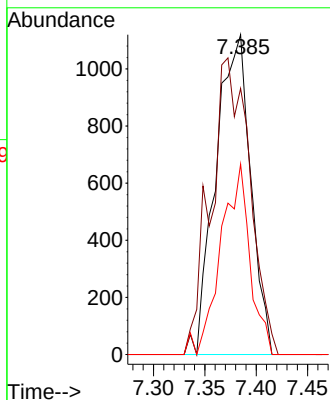
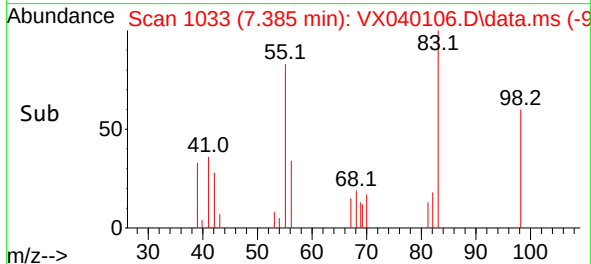
Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-ODL



Tgt Ion: 83 Resp: 264
Ion Ratio Lower Upper
83 100
55 83.2 64.6 97.0
98 59.6 36.7 55.1

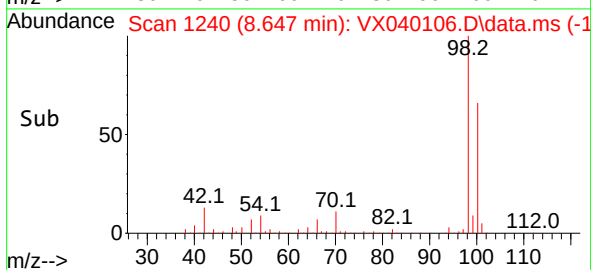
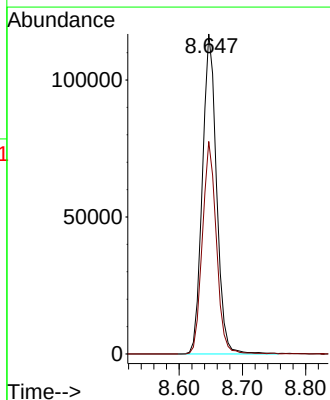
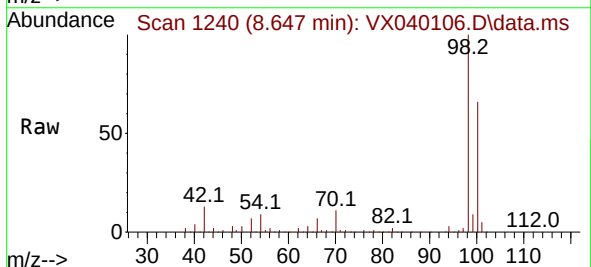
Manual Integrations
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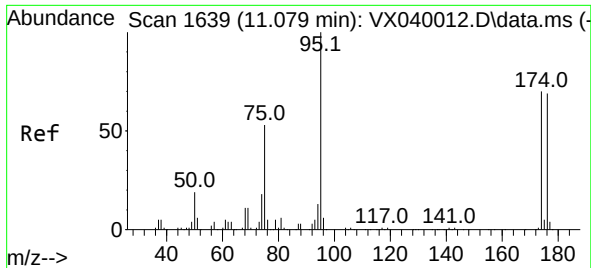
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#50
Toluene-d8
Concen: 48.122 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040106.D
Acq: 05 Feb 2024 11:28

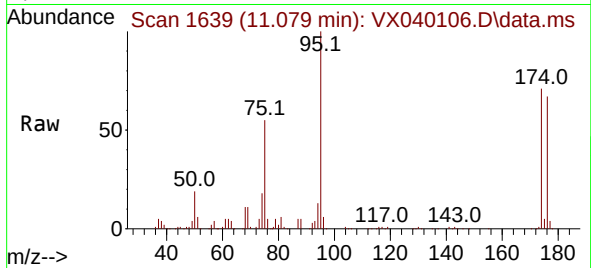
Tgt Ion: 98 Resp: 182725
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7





#62
4-Bromofluorobenzene
Concen: 48.228 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040106.D
Acq: 05 Feb 2024 11:28

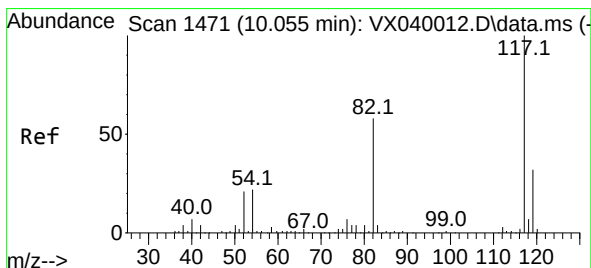
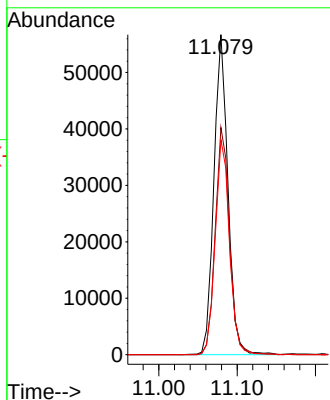
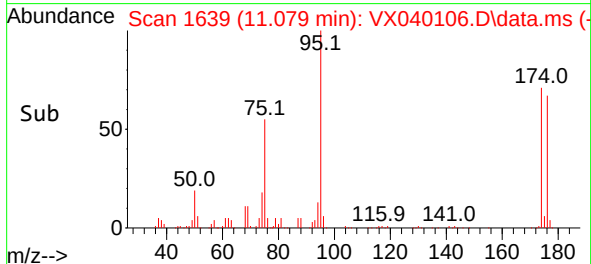
Instrument : MSVOA_X
ClientSampleId : MR-323P-GW-20240131-ODL



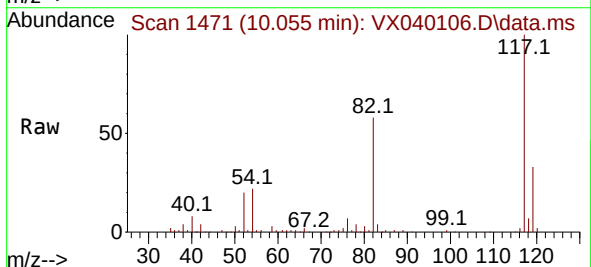
Tgt Ion: 95 Resp: 7051
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 68.3 0.0 131.0

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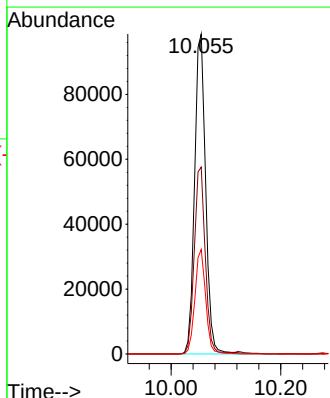
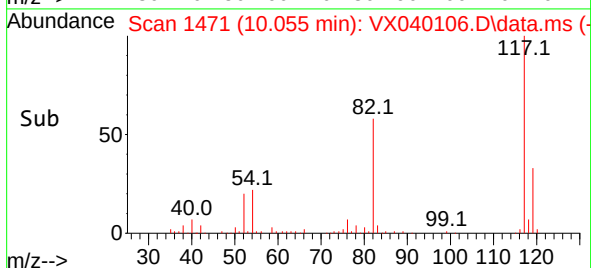
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

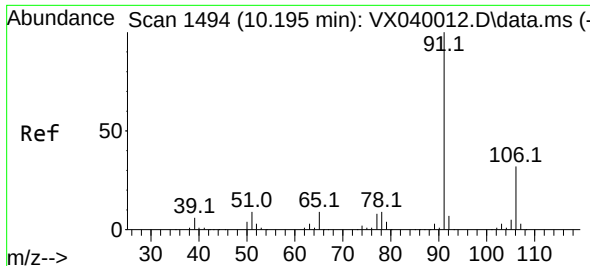


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040106.D
Acq: 05 Feb 2024 11:28



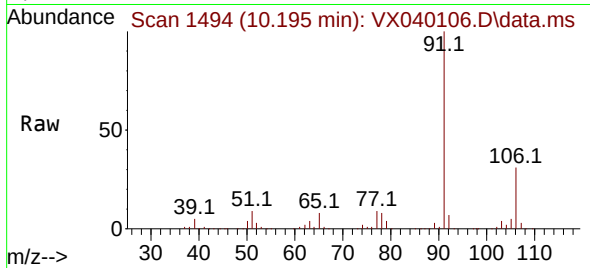
Tgt Ion:117 Resp: 139103
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 32.7 25.5 38.3





#67
Ethyl Benzene
Concen: 56.078 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040106.D
Acq: 05 Feb 2024 11:28

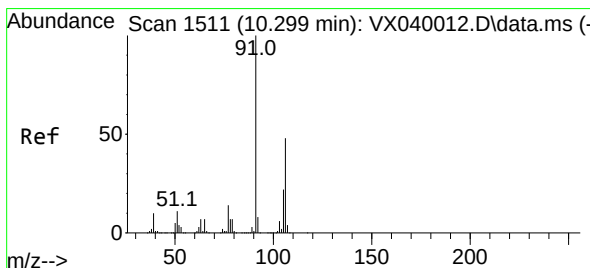
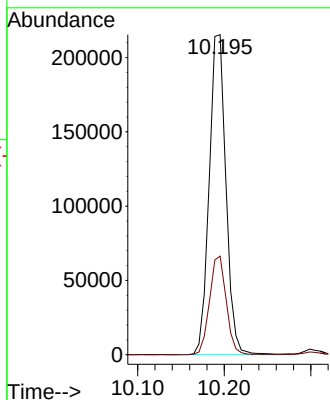
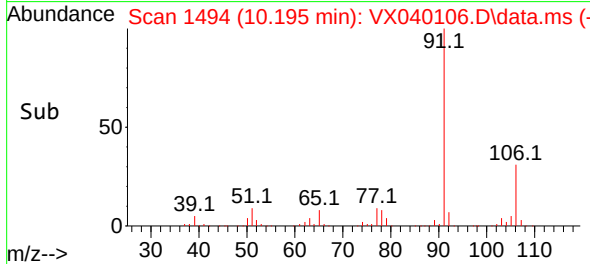
Instrument : MSVOA_X
ClientSampleId : MR-323P-GW-20240131-ODL



Tgt Ion: 91 Resp: 289294
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

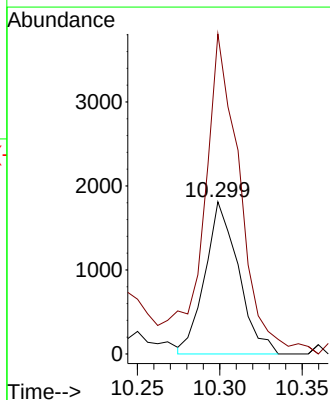
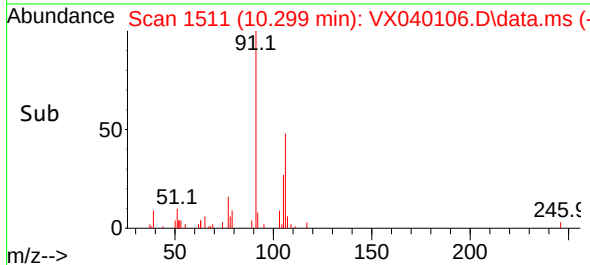
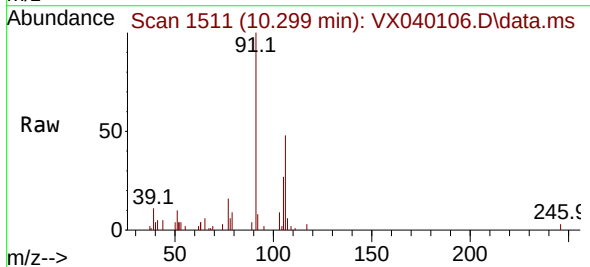
Manual Integrations
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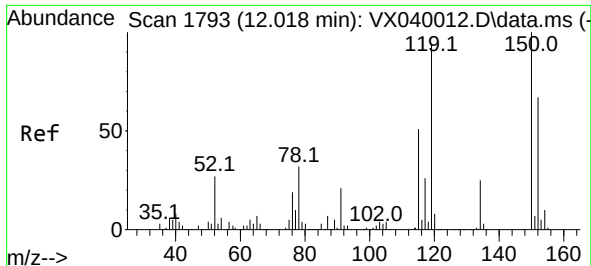
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#68
m/p-Xylenes
Concen: 1.321 ug/l m
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040106.D
Acq: 05 Feb 2024 11:28

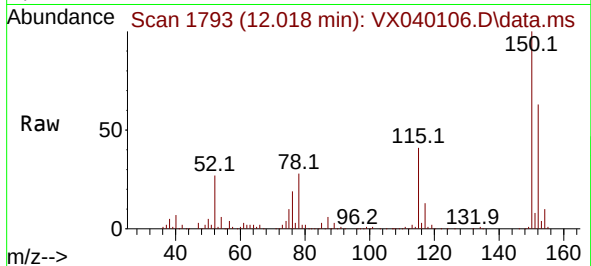
Tgt Ion:106 Resp: 2563
Ion Ratio Lower Upper
106 100
91 11287.3 165.5 248.3#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX040106.D
Acq: 05 Feb 2024 11:28

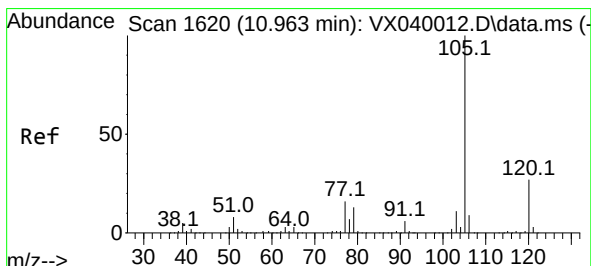
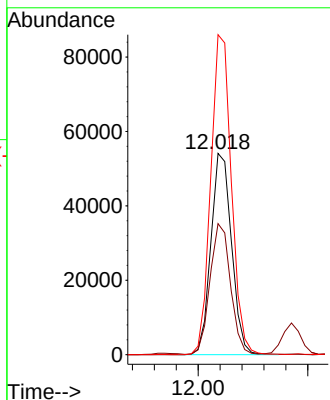
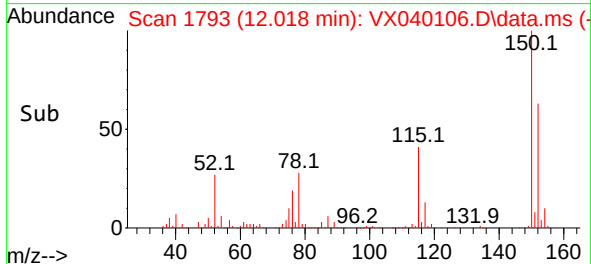
Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-ODL



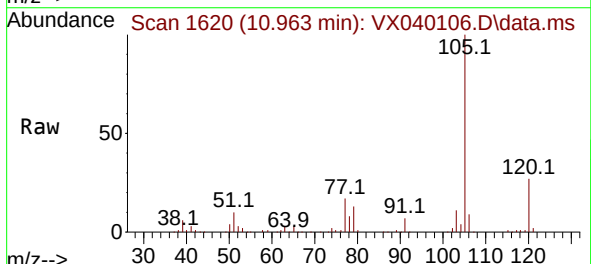
Tgt Ion:152 Resp: 7088
Ion Ratio Lower Upper
152 100
115 64.0 43.3 129.9
150 158.7 0.0 345.0

Manual Integrations
APPROVED

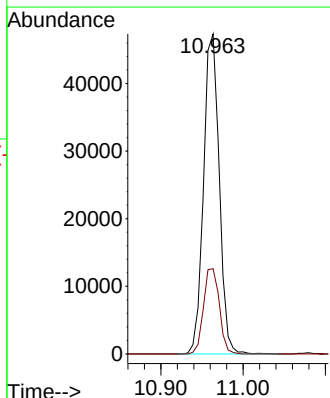
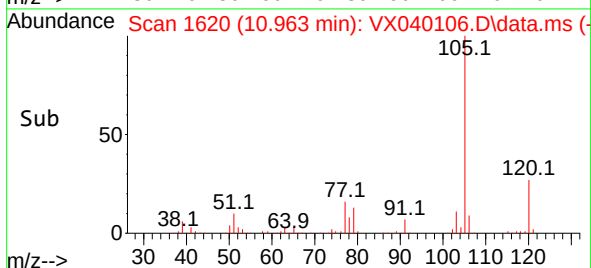
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

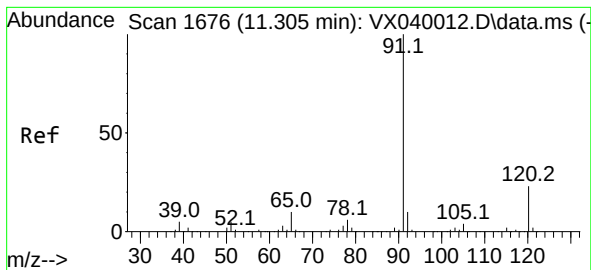


#73
Isopropylbenzene
Concen: 12.314 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040106.D
Acq: 05 Feb 2024 11:28



Tgt Ion:105 Resp: 62675
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6





#78

n-propylbenzene

Concen: 36.091 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040106.D

Acq: 05 Feb 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

MR-323P-GW-20240131-ODL

Tgt Ion: 91 Resp: 22605

Ion Ratio Lower Upper

91 100

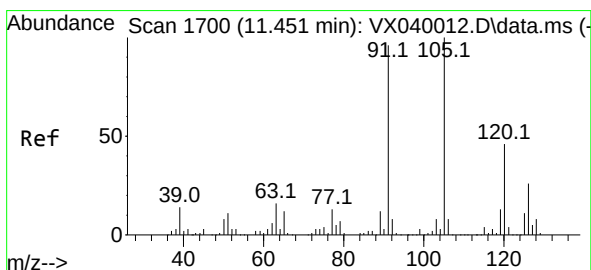
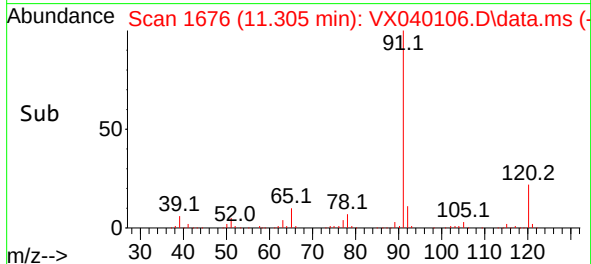
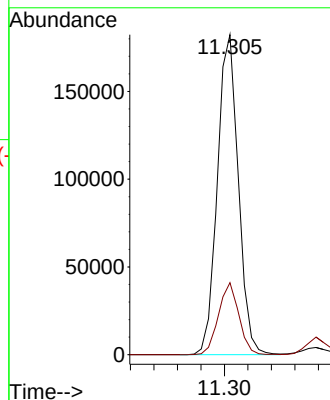
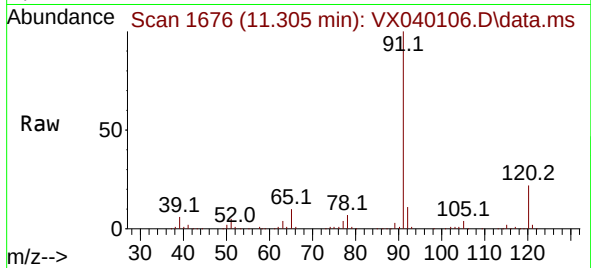
120 21.9 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#80

1,3,5-Trimethylbenzene

Concen: 17.995 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040106.D

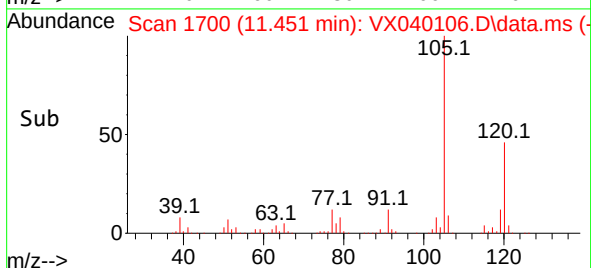
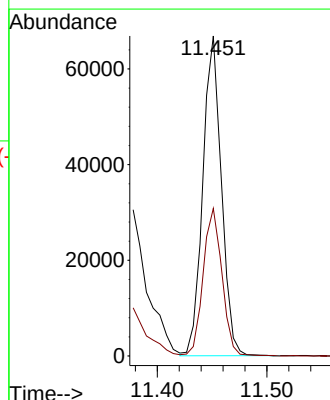
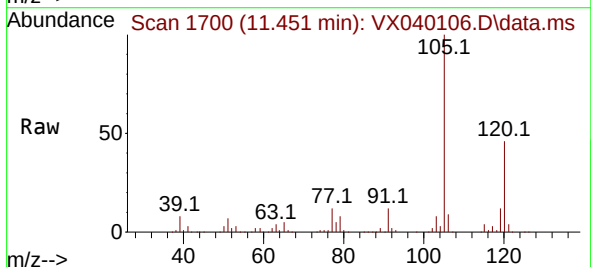
Acq: 05 Feb 2024 11:28

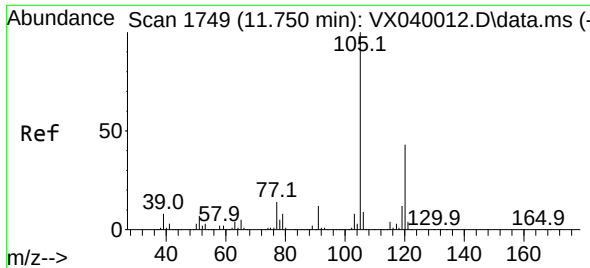
Tgt Ion:105 Resp: 78732

Ion Ratio Lower Upper

105 100

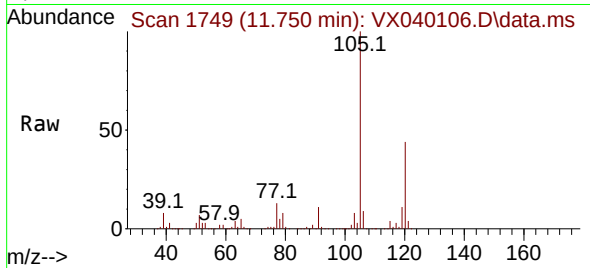
120 46.8 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 111.963 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040106.D
Acq: 05 Feb 2024 11:28

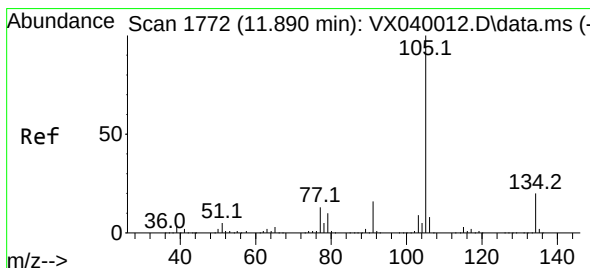
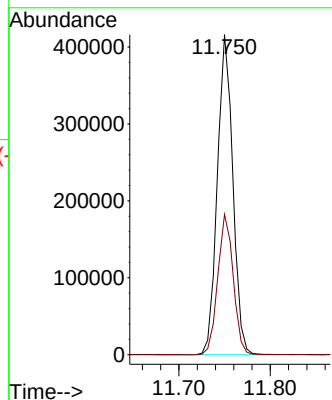
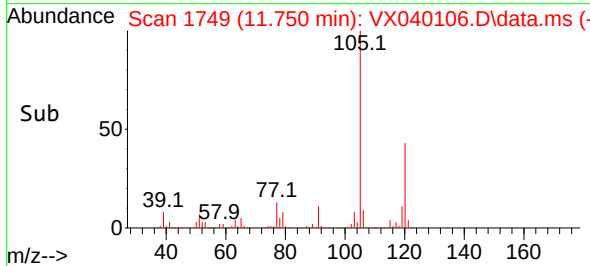
Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-ODL



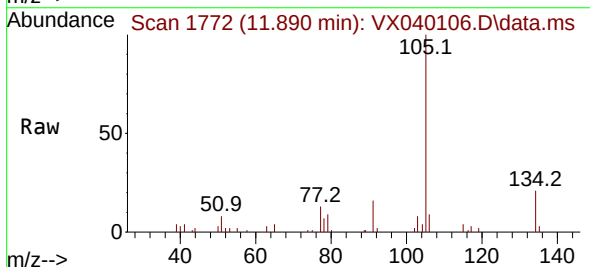
Tgt Ion:105 Resp: 48882
Ion Ratio Lower Upper
105 100
120 43.9 21.2 63.6

Manual Integrations
APPROVED

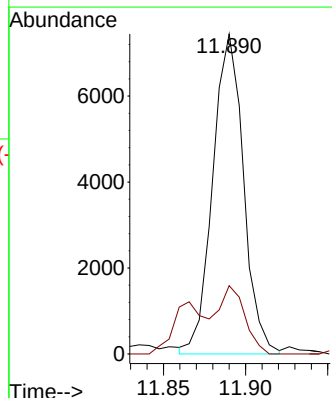
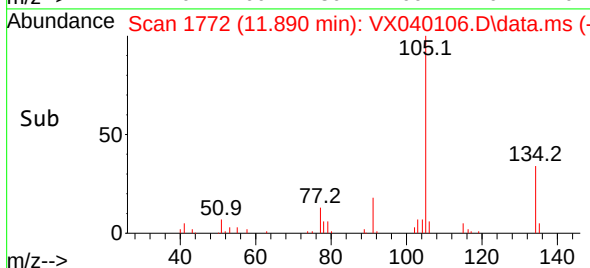
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

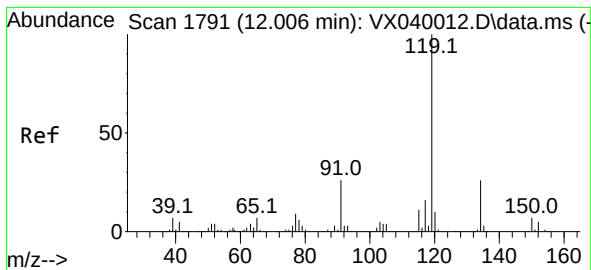


#85
sec-Butylbenzene
Concen: 1.746 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX040106.D
Acq: 05 Feb 2024 11:28



Tgt Ion:105 Resp: 9685
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#





#86

p-Isopropyltoluene

Concen: 1.014 ug/l m

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX040106.D

Acq: 05 Feb 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

MR-323P-GW-20240131-ODL

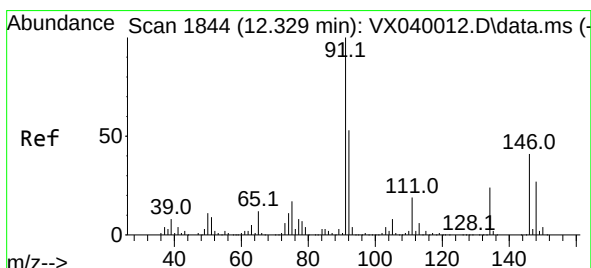
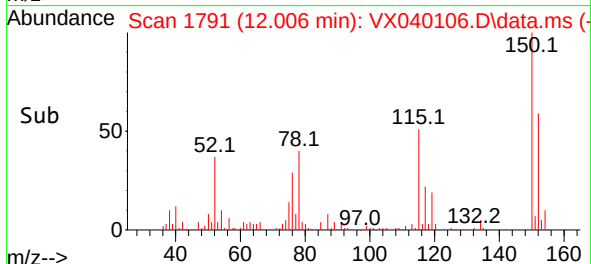
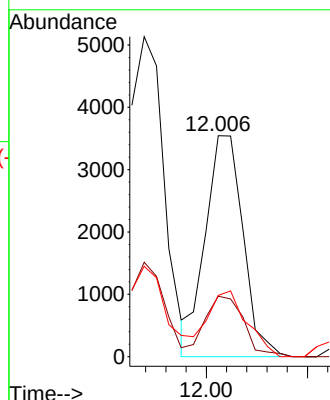
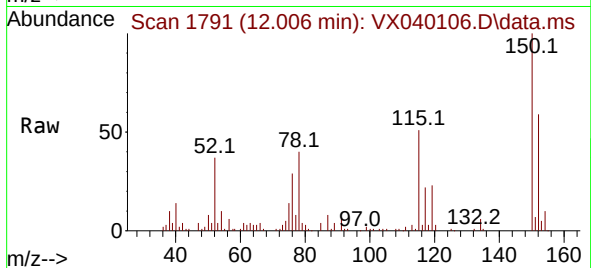
Tgt Ion:	119	Resp:	459
Ion Ratio	Lower	Upper	
119	100		
134	39.8	12.8	38.3
91	44.9	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#89

n-Butylbenzene

Concen: 4.910 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX040106.D

Acq: 05 Feb 2024 11:28

Tgt Ion:	91	Resp:	21586
Ion Ratio	Lower	Upper	
91	100		
92	35.7	27.4	82.0
134	76.5	12.6	37.8

