

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029619.D
 Acq On : 20 Jun 2022 13:43
 Operator : JC/MD
 Sample : N3290-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 21 01:50:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	264789	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	444262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	390247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154057	43.952	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.900%		
35) Dibromofluoromethane	5.391	113	132987	45.934	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.860%		
50) Toluene-d8	8.653	98	505062	47.752	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.500%		
62) 4-Bromofluorobenzene	11.079	95	184085	46.153	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.300%		
Target Compounds					Qvalue	
31) Cyclohexane	5.477	56	14836	3.153	ug/l	92
39) Methylcyclohexane	7.385	83	13396	2.742	ug/l	92
40) Benzene	6.044	78	366574	31.560	ug/l	98
52) Toluene	8.720	92	20896	2.809	ug/l	97
67) Ethyl Benzene	10.195	91	542739	39.400	ug/l	99
68) m/p-Xylenes	10.299	106	276588	51.488	ug/l	98
69) o-Xylene	10.646	106	97103	18.296	ug/l	98
73) Isopropylbenzene	10.963	105	114014	8.645	ug/l	98
78) n-propylbenzene	11.305	91	350533	23.600	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	232800	20.961	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	515247	46.516	ug/l	100
85) sec-Butylbenzene	11.890	105	18604	1.386	ug/l #	77
86) p-Isopropyltoluene	12.012	119	3693m	0.329	ug/l	
89) n-Butylbenzene	12.317	91	28915	3.049	ug/l #	16
95) Naphthalene	13.774	128	391560	31.737	ug/l	100

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

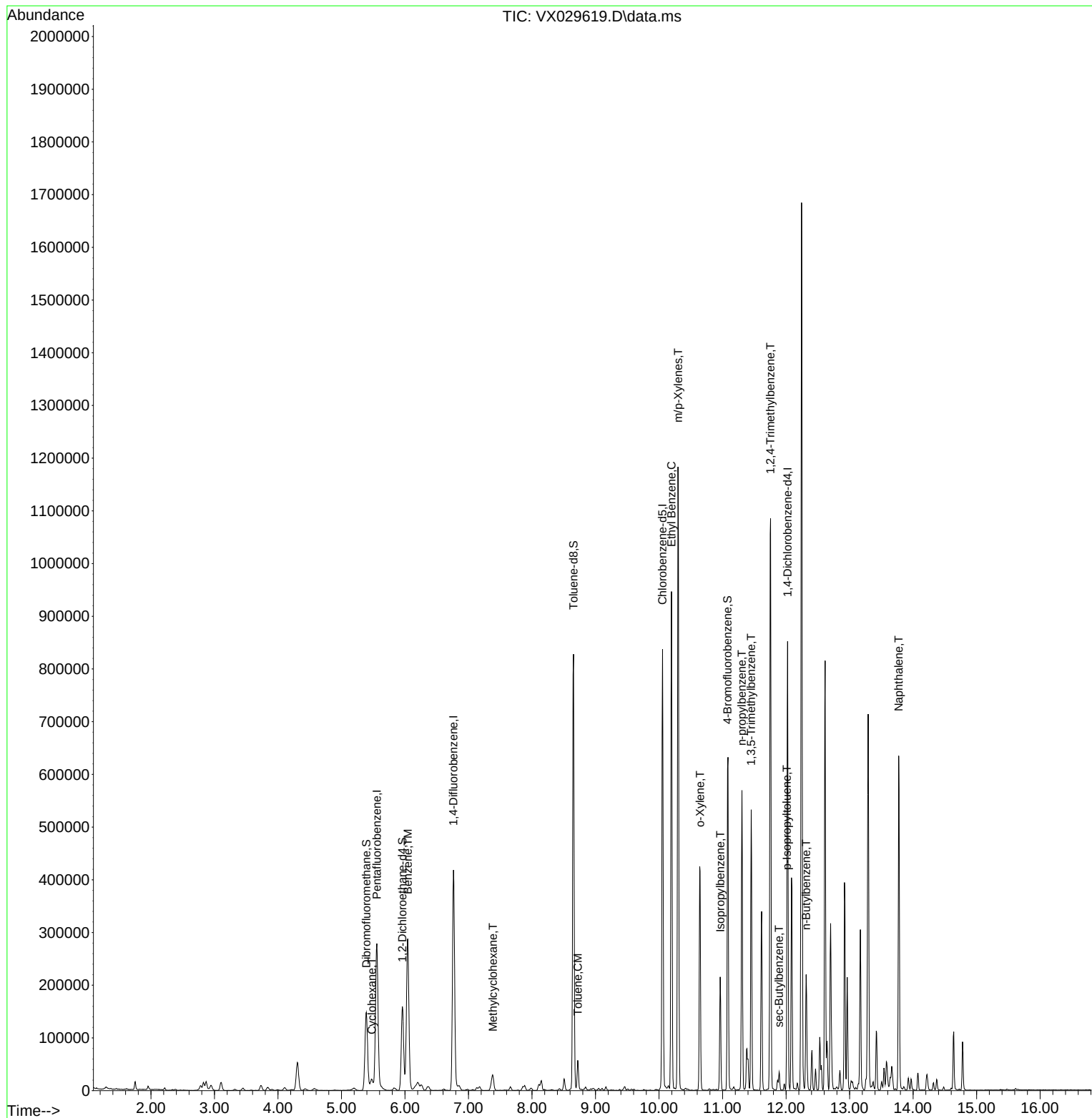
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029619.D
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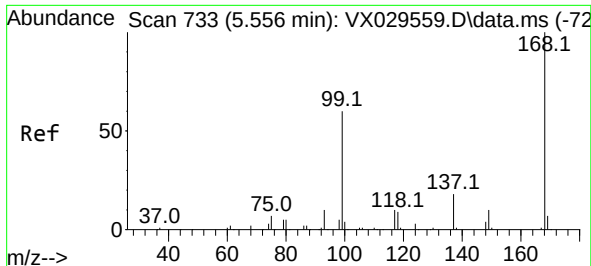
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

Quant Time: Jun 21 01:50:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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APPROVED

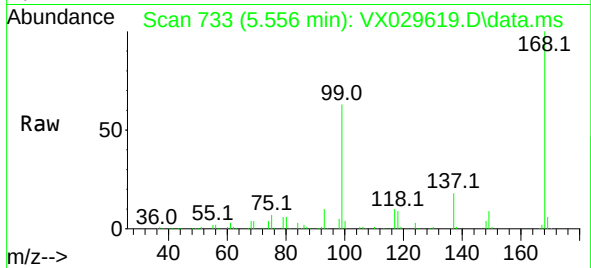
Reviewed By : John Carlone 06/21/2022
Supervised By : Mahesh Dadoda 06/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43

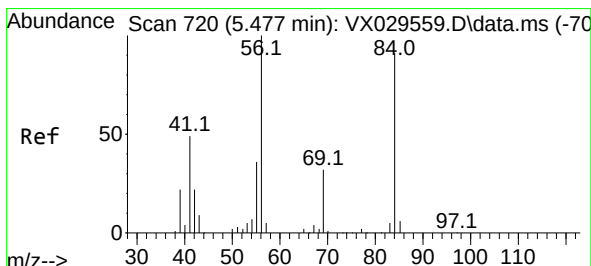
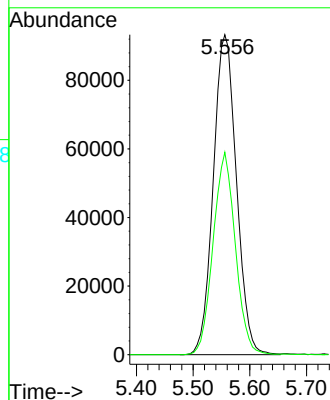
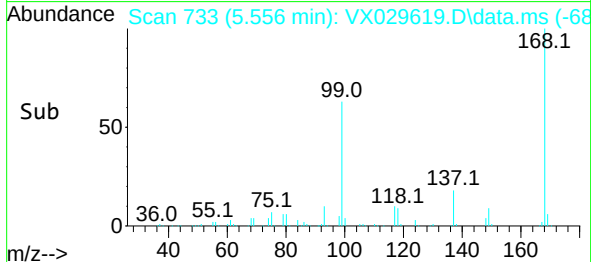
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL



Tgt Ion:168 Resp: 264789
Ion Ratio Lower Upper
168 100
99 63.3 41.7 62.5

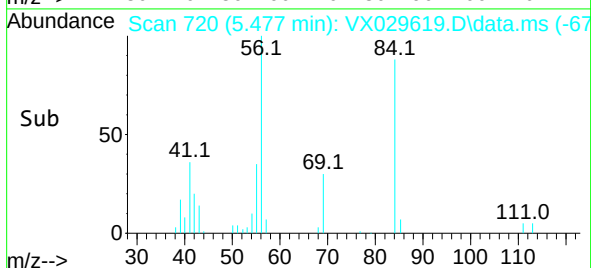
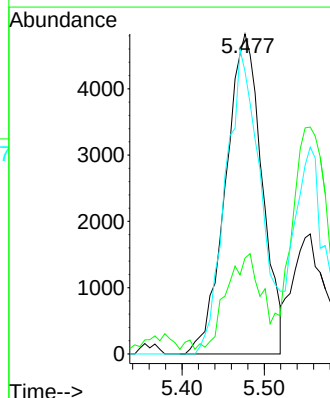
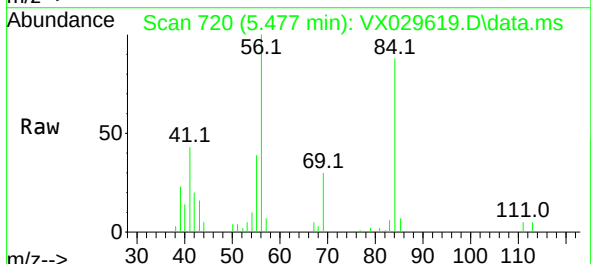
Manual Integrations
APPROVED

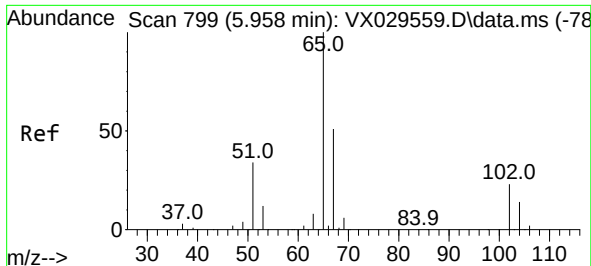
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022



#31
Cyclohexane
Concen: 3.153 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43

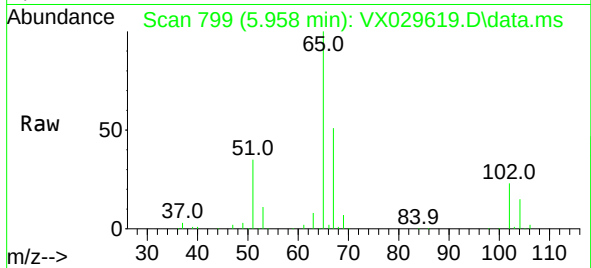
Tgt Ion: 56 Resp: 14836
Ion Ratio Lower Upper
56 100
69 28.5 26.7 40.1
84 88.3 77.2 115.8





#33
 1,2-Dichloroethane-d4
 Concen: 43.952 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029619.D
 Acq: 20 Jun 2022 13:43

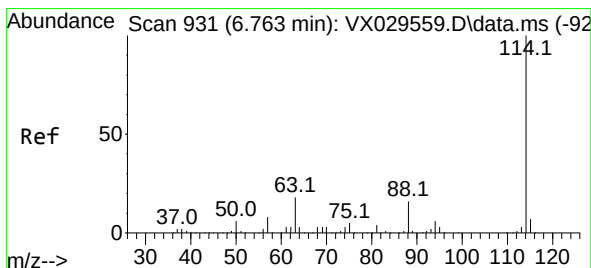
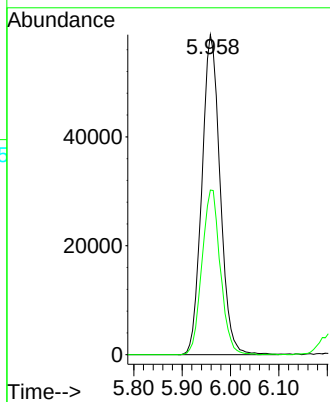
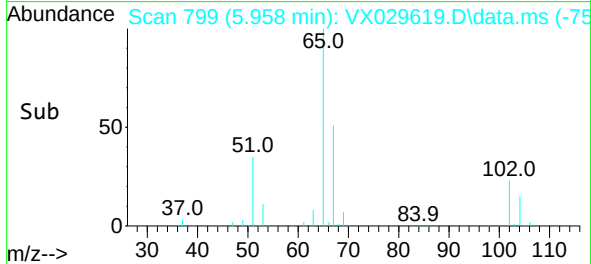
Instrument :
 MSVOA_X
 Client Sample Id :
 MW-6DL



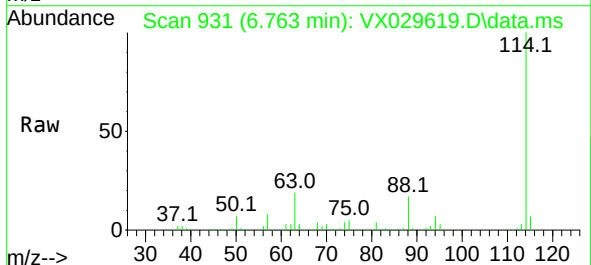
Tgt Ion: 65 Resp: 15405
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 107.4

Manual Integrations
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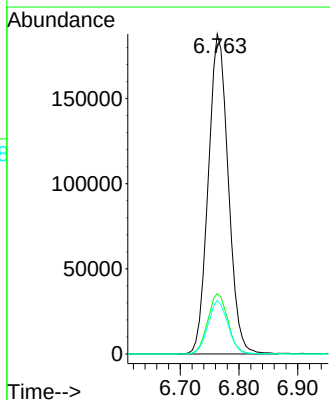
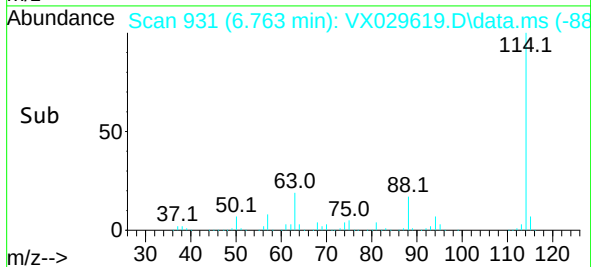
Reviewed By :John Carlone 06/21/2022
 Supervised By :Mahesh Dadoda 06/23/2022

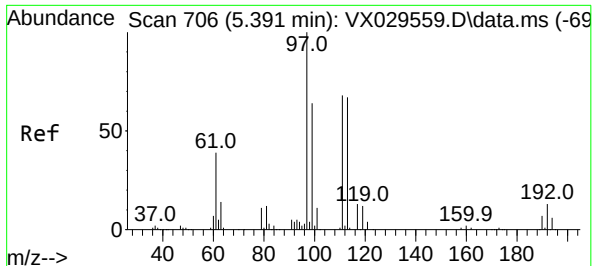


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX029619.D
 Acq: 20 Jun 2022 13:43



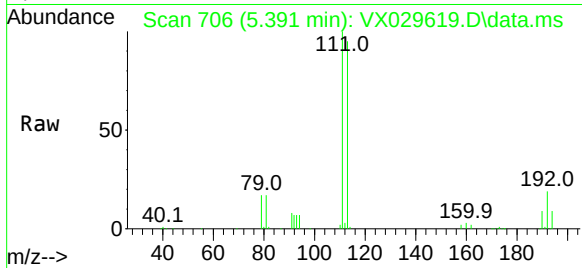
Tgt Ion:114 Resp: 444262
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.8
 88 16.8 0.0 32.4





#35
Dibromofluoromethane
Concen: 45.934 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43

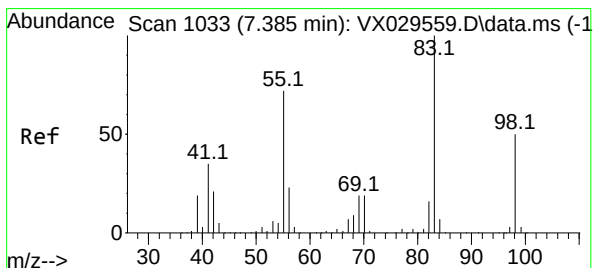
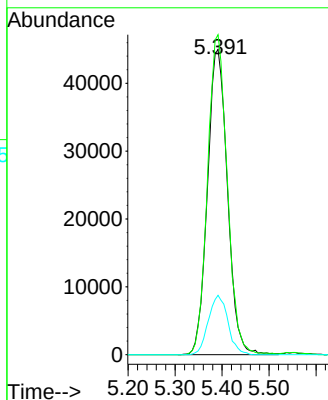
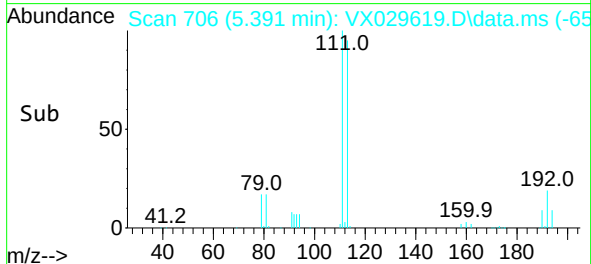
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL



Tgt Ion: 113 Resp: 13298
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 19.0 16.9 25.3

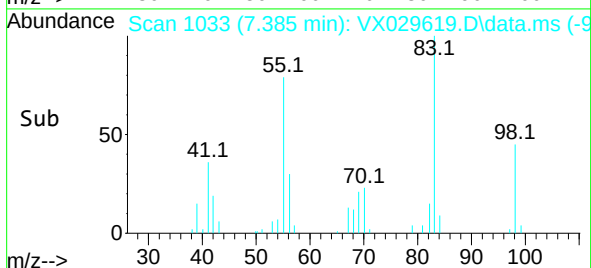
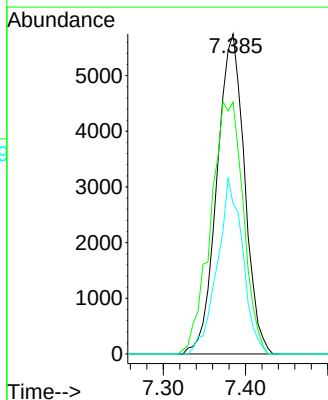
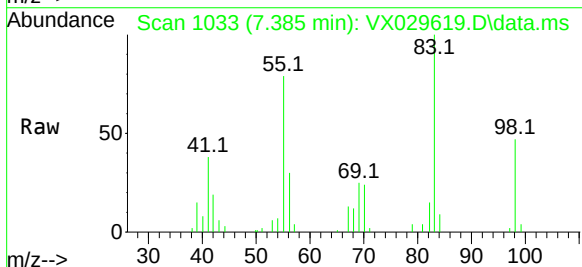
Manual Integrations
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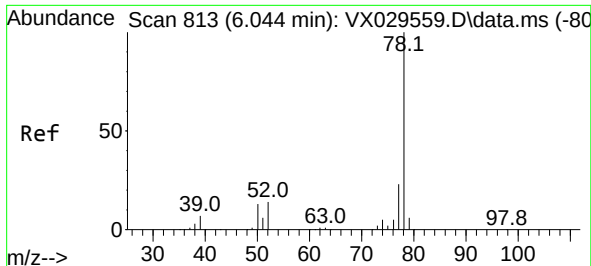
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022



#39
Methylcyclohexane
Concen: 2.742 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43

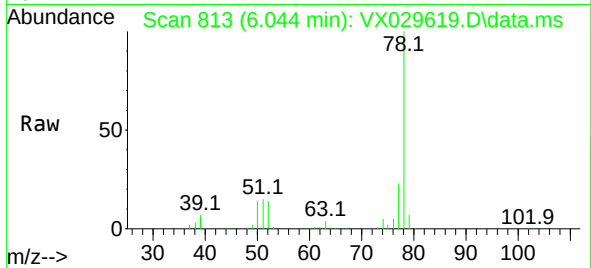
Tgt Ion: 83 Resp: 13396
Ion Ratio Lower Upper
83 100
55 78.7 54.6 81.8
98 46.9 37.4 56.2





#40
Benzene
Concen: 31.560 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43

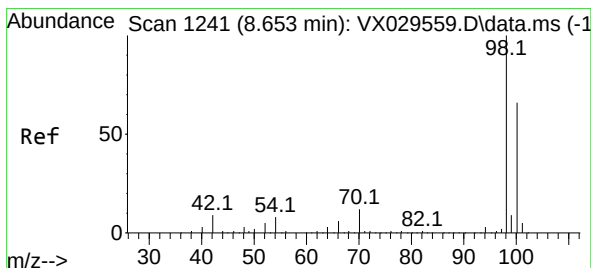
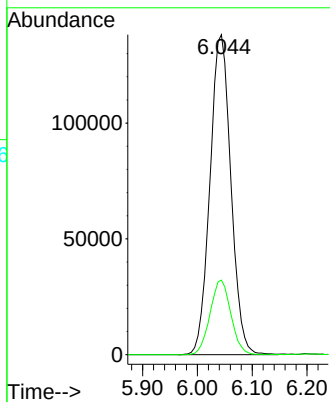
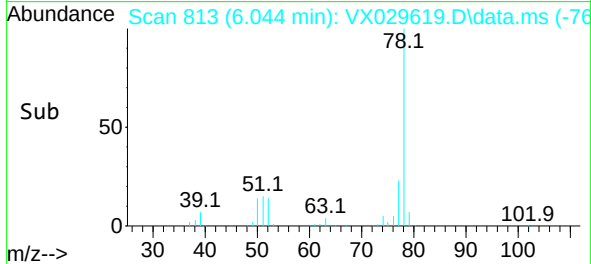
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL



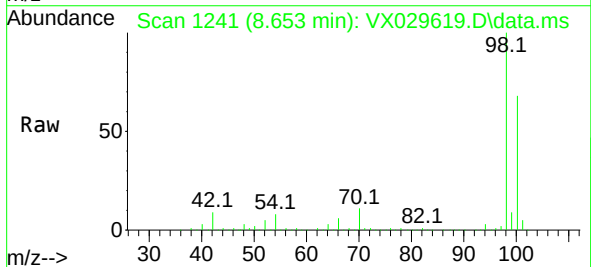
Tgt Ion: 78 Resp: 366574
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9

Manual Integrations
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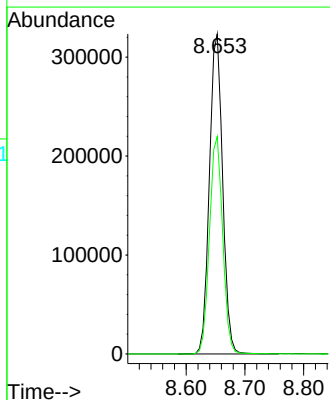
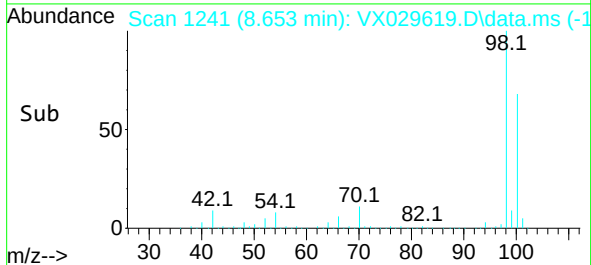
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022

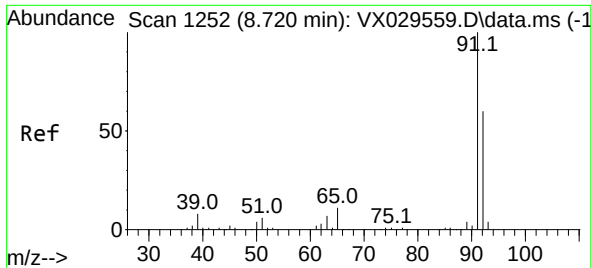


#50
Toluene-d8
Concen: 47.752 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43



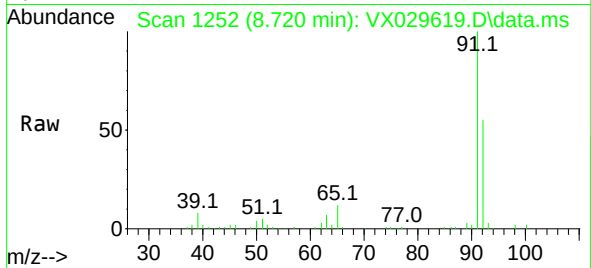
Tgt Ion: 98 Resp: 505062
Ion Ratio Lower Upper
98 100
100 67.9 52.6 78.8





#52
Toluene
Concen: 2.809 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43

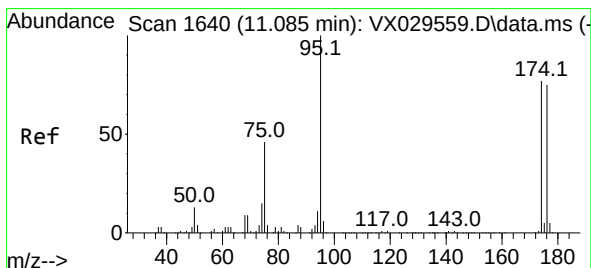
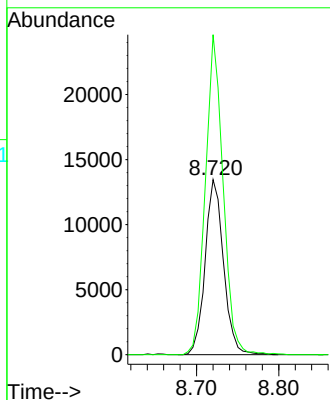
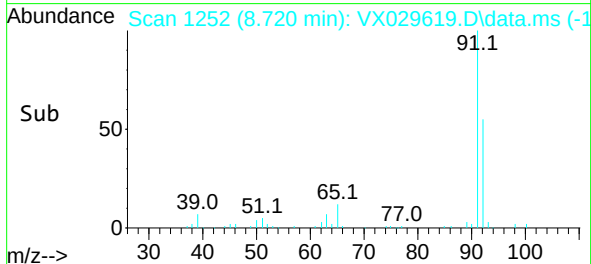
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL



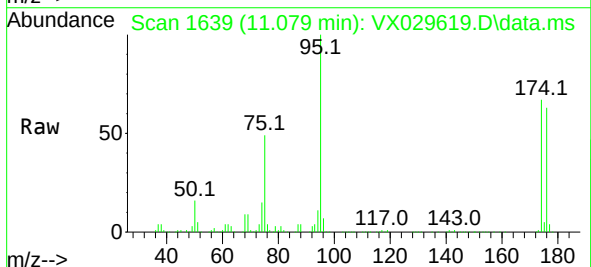
Tgt Ion: 92 Resp: 20890
Ion Ratio Lower Upper
92 100
91 176.2 137.5 206.3

Manual Integrations
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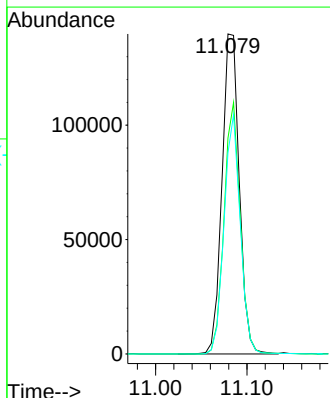
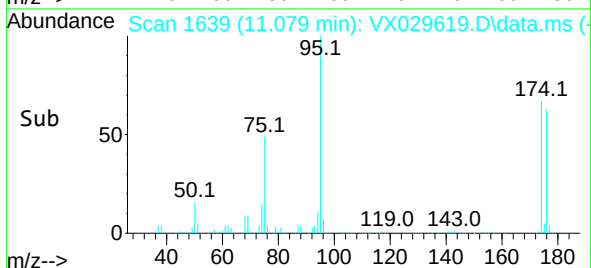
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022

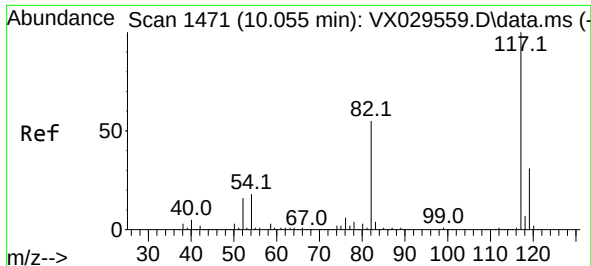


#62
4-Bromofluorobenzene
Concen: 46.153 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43



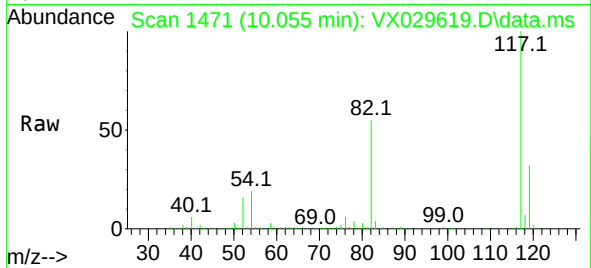
Tgt Ion: 95 Resp: 184085
Ion Ratio Lower Upper
95 100
174 73.5 0.0 163.0
176 70.1 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43

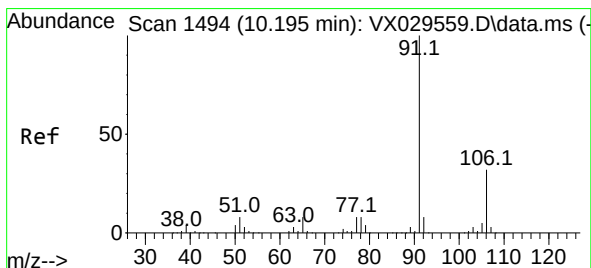
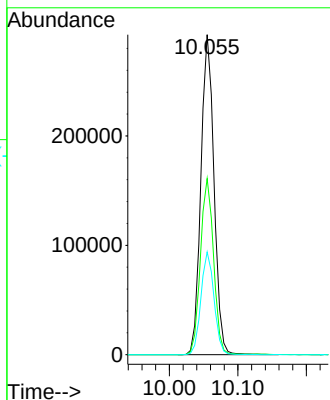
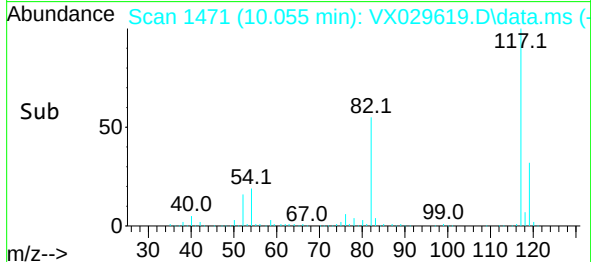
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL



Tgt Ion: 117 Resp: 390241
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.8
119 32.1 24.8 37.2

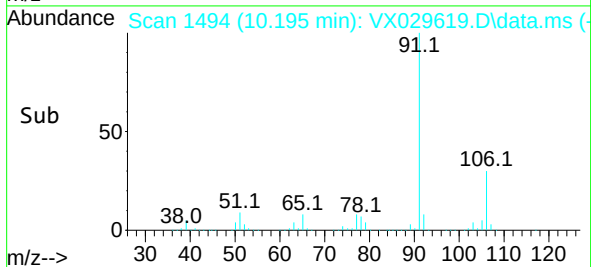
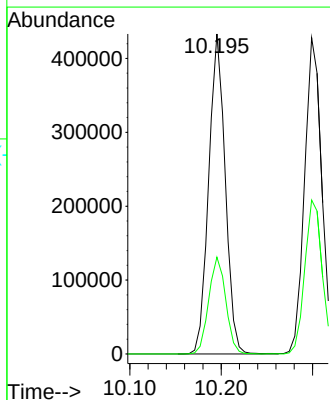
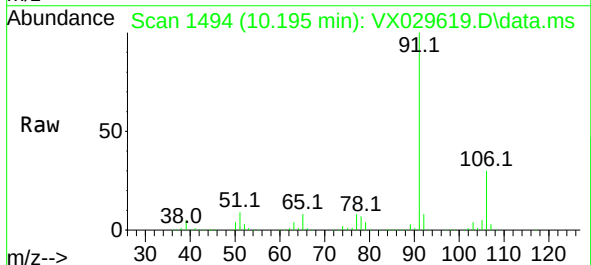
Manual Integrations
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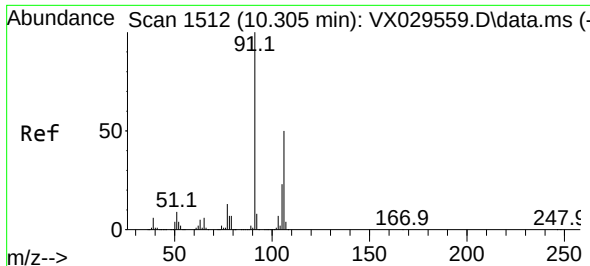
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022



#67
Ethyl Benzene
Concen: 39.400 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43

Tgt Ion: 91 Resp: 542739
Ion Ratio Lower Upper
91 100
106 30.3 24.6 36.8





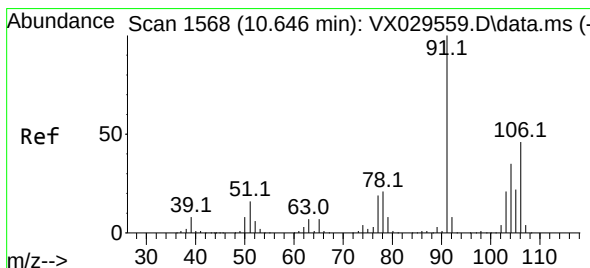
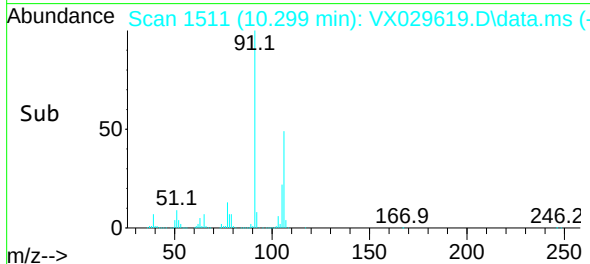
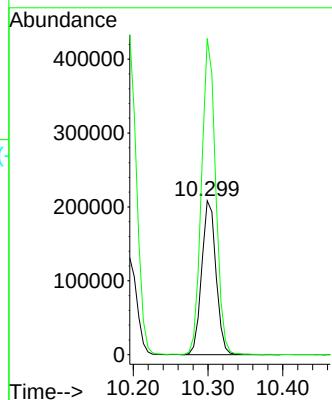
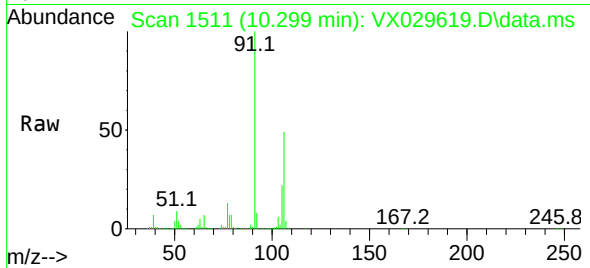
#68
m/p-Xylenes
Concen: 51.488 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43

Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

Tgt Ion:106 Resp: 276588
Ion Ratio Lower Upper
106 100
91 203.3 160.4 240.6

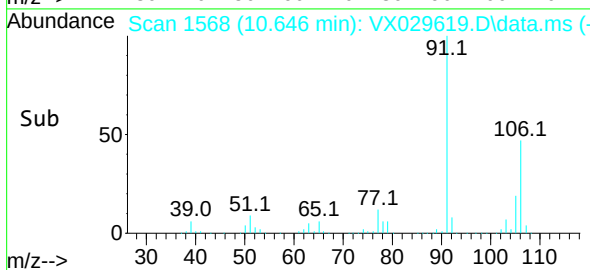
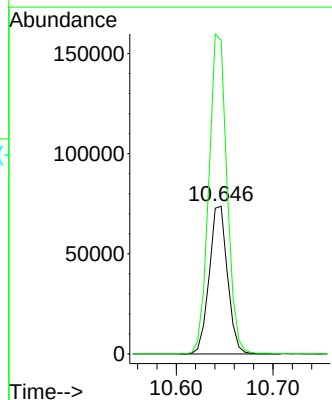
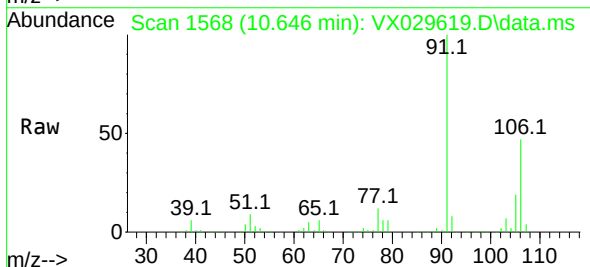
Manual Integrations
APPROVED

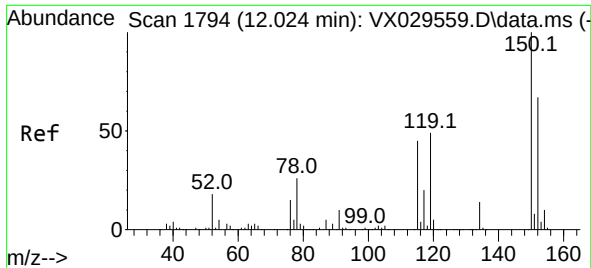
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022



#69
o-Xylene
Concen: 18.296 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43

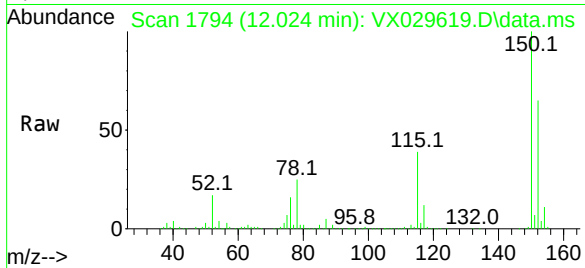
Tgt Ion:106 Resp: 97103
Ion Ratio Lower Upper
106 100
91 216.0 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43

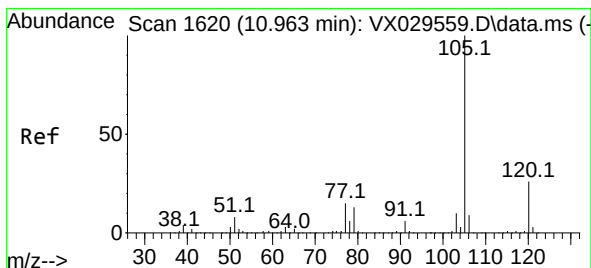
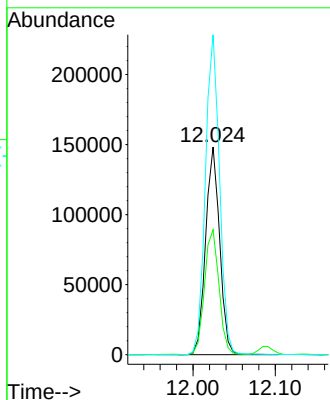
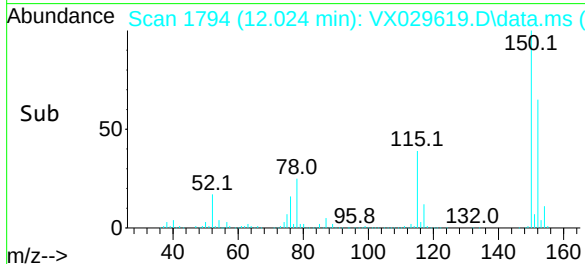
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL



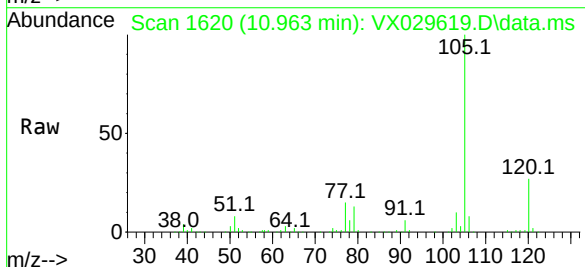
Tgt Ion:152 Resp: 17588
Ion Ratio Lower Upper
152 100
115 61.7 37.5 112.7
150 155.2 0.0 338.2

Manual Integrations
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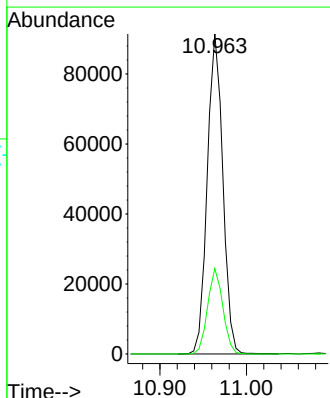
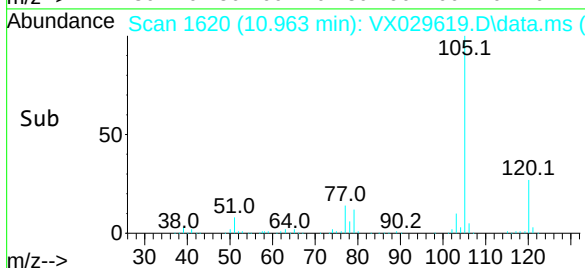
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022

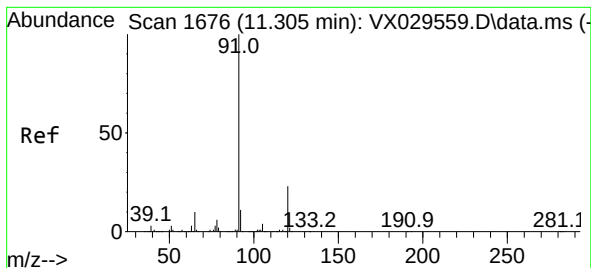


#73
Isopropylbenzene
Concen: 8.645 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43



Tgt Ion:105 Resp: 114014
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.5





#78

n-propylbenzene

Concen: 23.600 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029619.D

Acq: 20 Jun 2022 13:43

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

Tgt Ion: 91 Resp: 35053

Ion Ratio Lower Upper

91 100

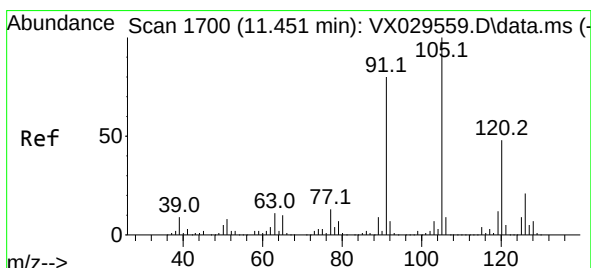
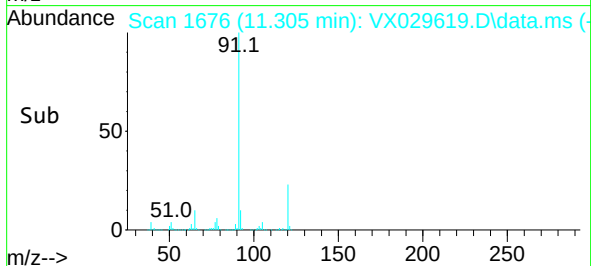
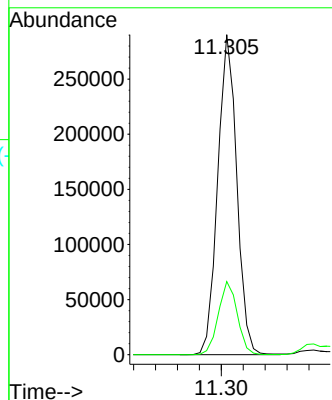
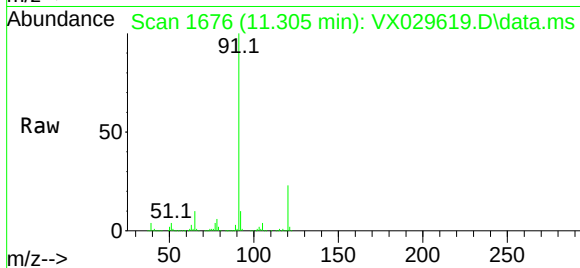
120 22.8 11.6 34.8

Manual Integrations

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Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/23/2022



#80

1,3,5-Trimethylbenzene

Concen: 20.961 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX029619.D

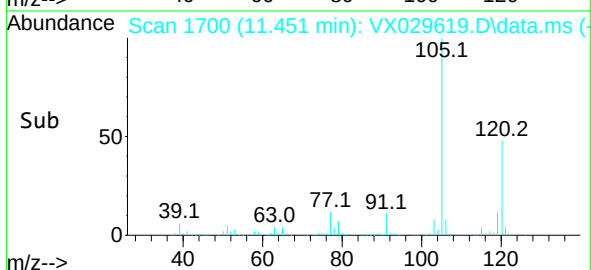
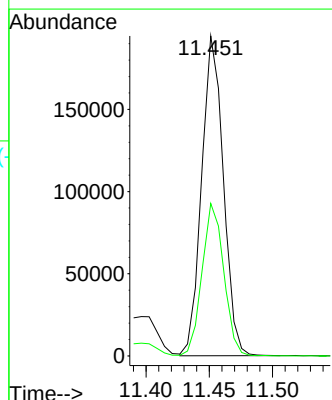
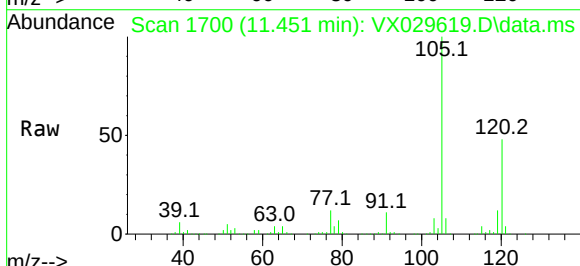
Acq: 20 Jun 2022 13:43

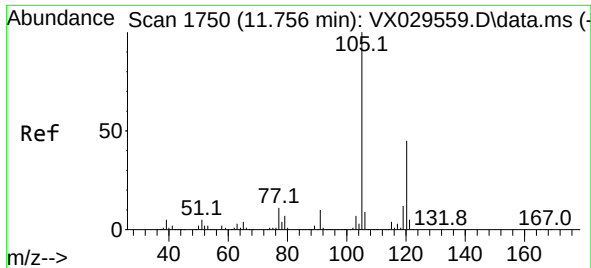
Tgt Ion:105 Resp: 232800

Ion Ratio Lower Upper

105 100

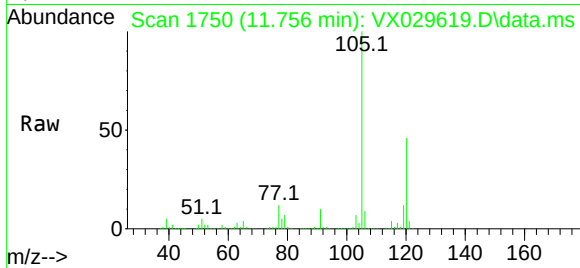
120 47.8 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 46.516 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43

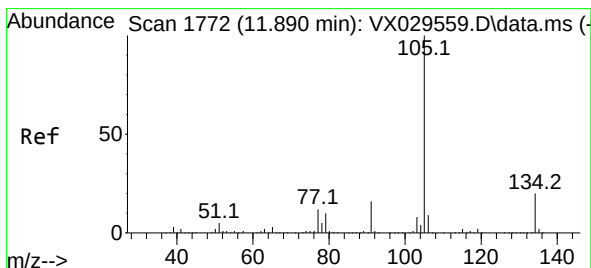
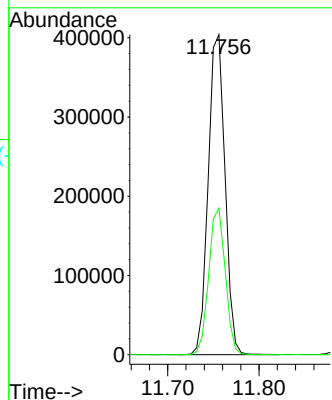
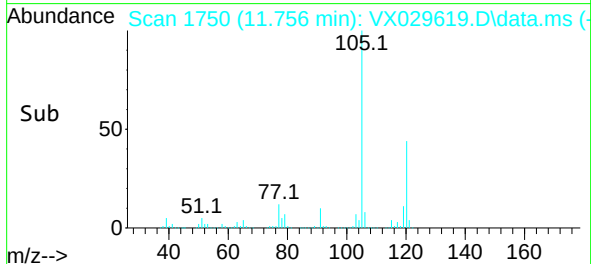
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL



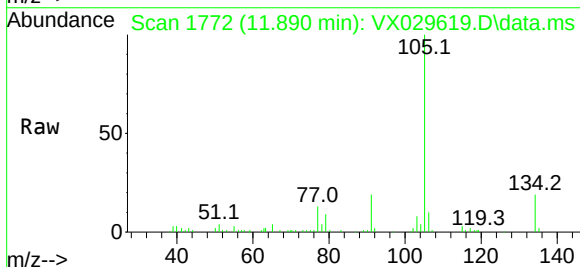
Tgt Ion:105 Resp: 51524
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.8

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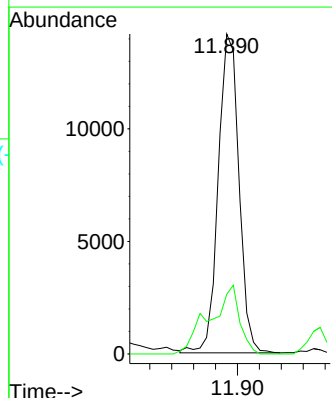
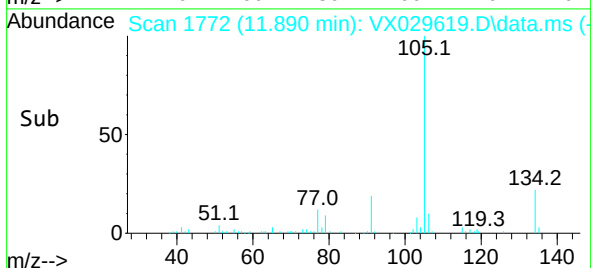
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022

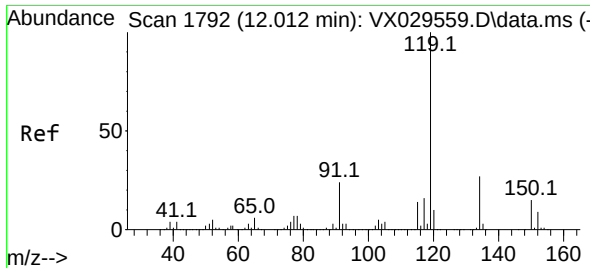


#85
sec-Butylbenzene
Concen: 1.386 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43



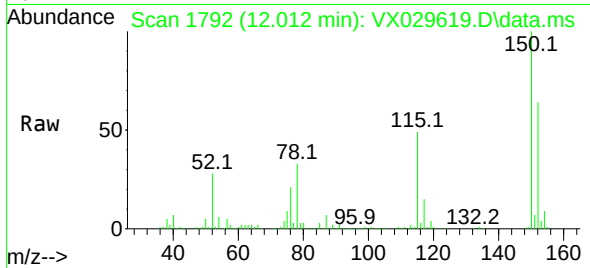
Tgt Ion:105 Resp: 18604
Ion Ratio Lower Upper
105 100
134 31.1 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 0.329 ug/l m
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43

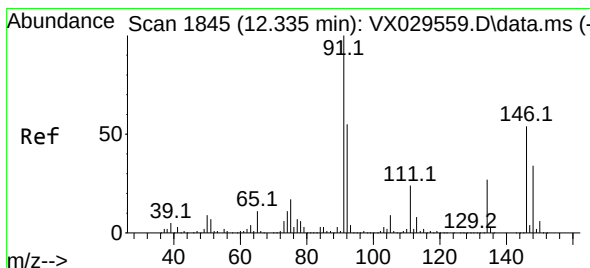
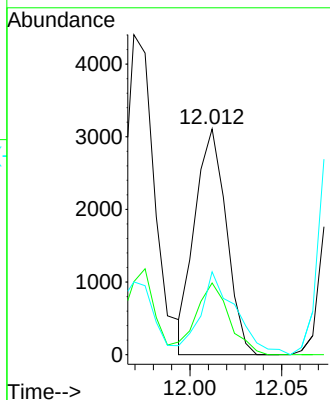
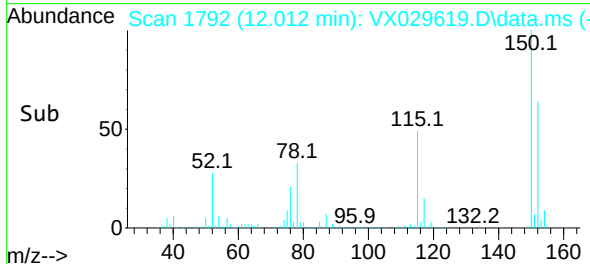
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL



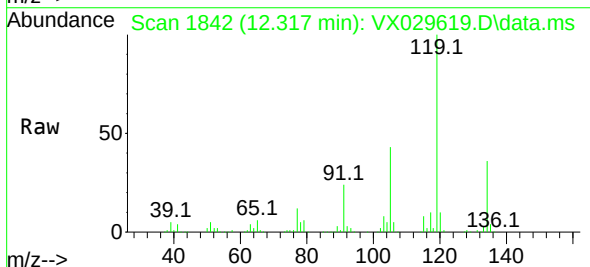
Tgt Ion: 119 Resp: 369
Ion Ratio Lower Upper
119 100
134 0.0 13.0 39.0#
91 0.0 11.3 33.9#

Manual Integrations
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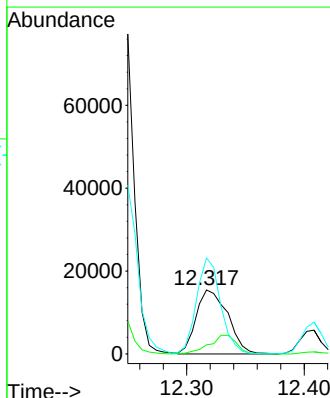
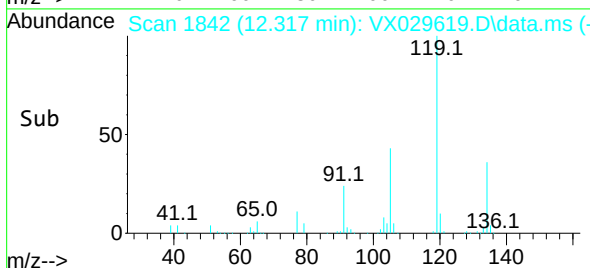
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022

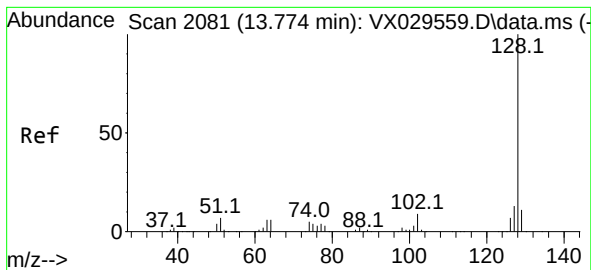


#89
n-Butylbenzene
Concen: 3.049 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.018 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43



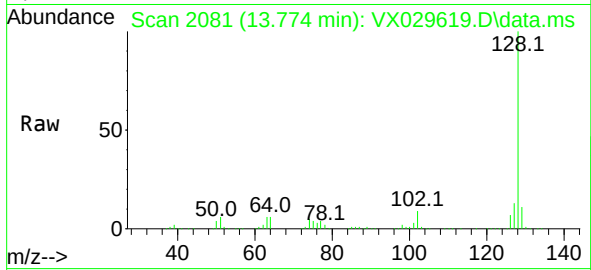
Tgt Ion: 91 Resp: 28915
Ion Ratio Lower Upper
91 100
92 25.2 27.8 83.3#
134 114.4 13.3 39.8#





#95
Naphthalene
Concen: 31.737 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX029619.D
Acq: 20 Jun 2022 13:43

Instrument :
MSVOA_X
ClientSampleId :
MW-6DL



Tgt Ion:128 Resp: 391560
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.0 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/23/2022

