

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
 Data File : VX026791.D
 Acq On : 07 Feb 2022 17:48
 Operator : JC/MD
 Sample : N1359-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9

Quant Time: Feb 07 23:32:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/08/2022
 Supervised By : Mahesh Dadoda 02/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	129588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	213640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78438	43.330	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.660%		
35) Dibromofluoromethane	5.391	113	65641	47.579	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.160%		
50) Toluene-d8	8.653	98	250821	50.451	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.900%		
62) 4-Bromofluorobenzene	11.079	95	95566	54.112	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.220%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	3165	3.428	ug/l	94
31) Cyclohexane	5.477	56	8960	3.356	ug/l #	84
39) Methylcyclohexane	7.385	83	14696	5.594	ug/l	95
40) Benzene	6.044	78	2571	0.427	ug/l	92
67) Ethyl Benzene	10.195	91	14703	1.961	ug/l	98
68) m/p-Xylenes	10.305	106	137371	48.965	ug/l	98
69) o-Xylene	10.640	106	68757	25.399	ug/l	97
73) Isopropylbenzene	10.964	105	22705	3.216	ug/l	99
78) n-propylbenzene	11.305	91	51985	6.456	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.457	105	1695695	291.298	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	3303774	567.432	ug/l	95
85) sec-Butylbenzene	11.890	105	39273m	5.587	ug/l	
86) p-Isopropyltoluene	12.012	119	51357	8.709	ug/l	99

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

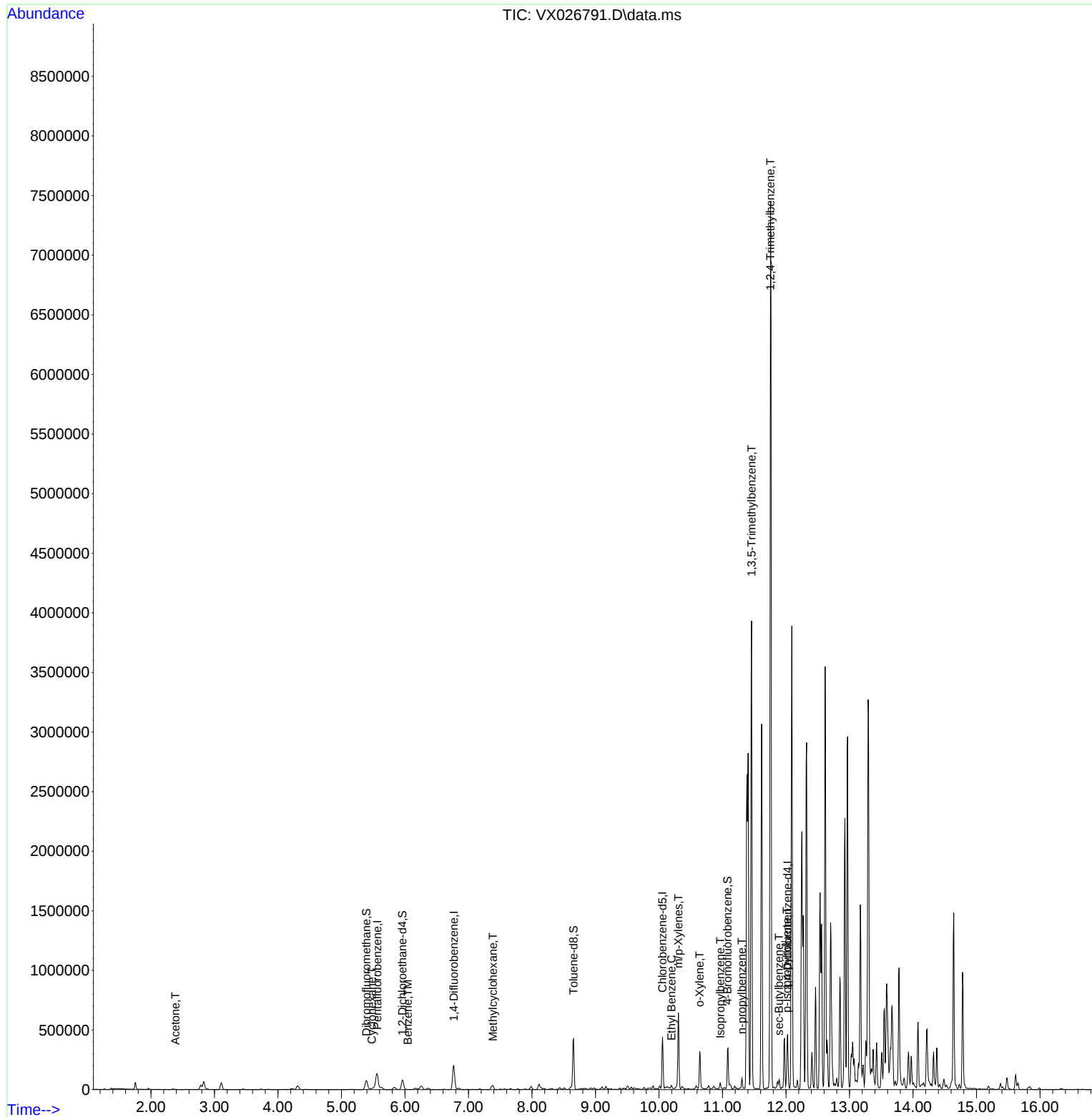
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
Data File : VX026791.D
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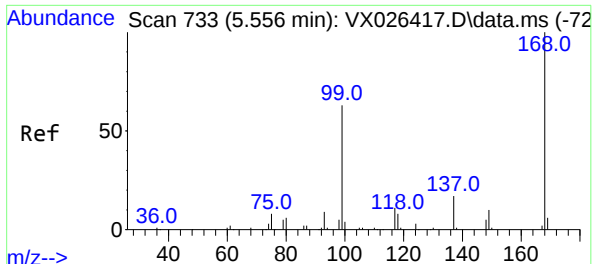
Instrument :
MSVOA_X
ClientSampleId :
MW-9

Quant Time: Feb 07 23:32:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
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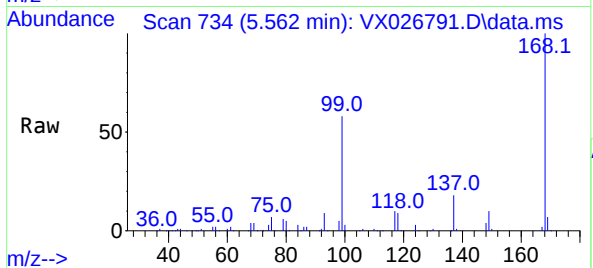
Reviewed By : John Carlone 02/08/2022
Supervised By : Mahesh Dadoda 02/08/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48

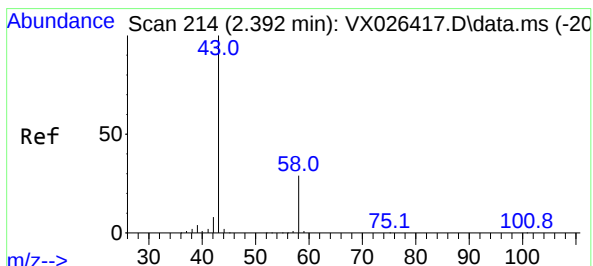
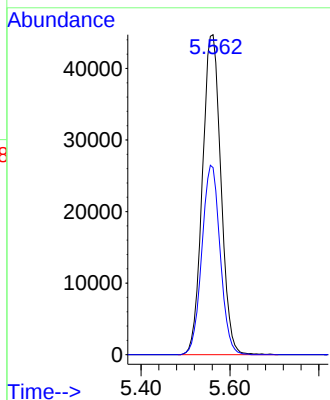
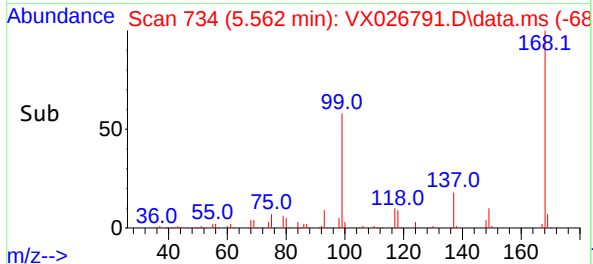
Instrument :
MSVOA_X
ClientSampleId :
MW-9



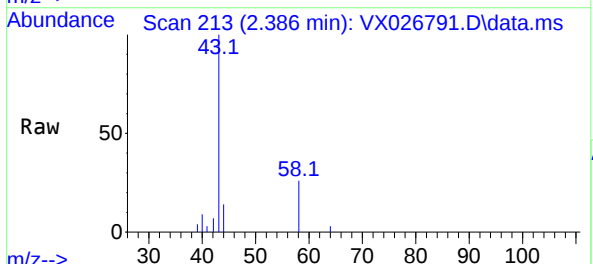
Tgt Ion:168 Resp: 12958
Ion Ratio Lower Upper
168 100
99 58.5 50.3 75.5

Manual Integrations
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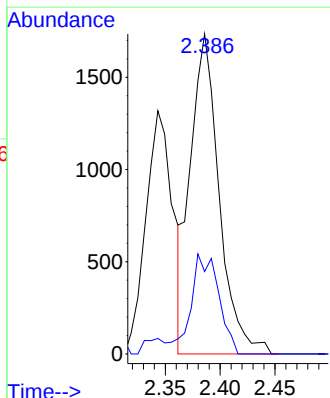
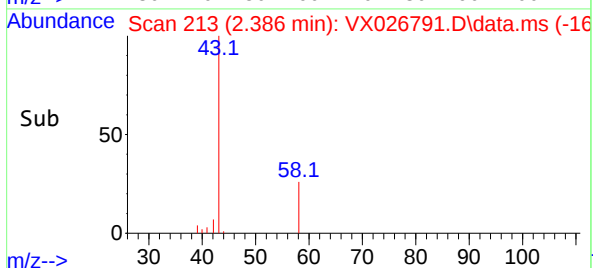
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022

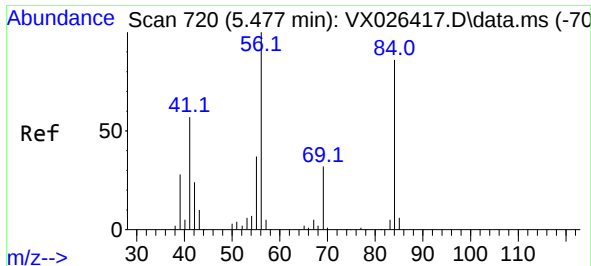


#16
Acetone
Concen: 3.428 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48



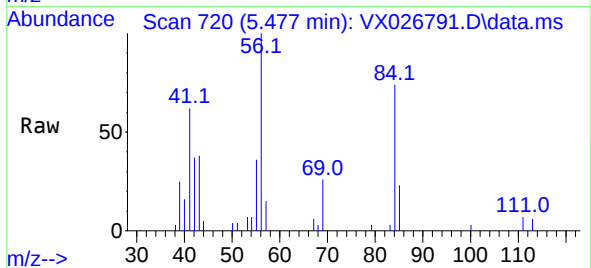
Tgt Ion: 43 Resp: 3165
Ion Ratio Lower Upper
43 100
58 25.8 23.0 34.6





#31
Cyclohexane
Concen: 3.356 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48

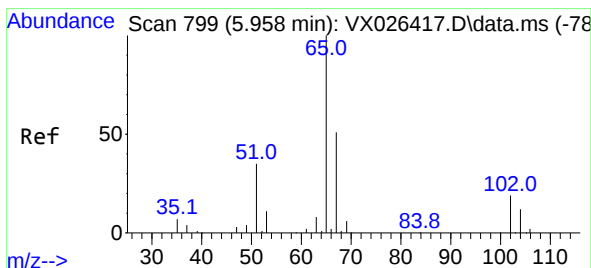
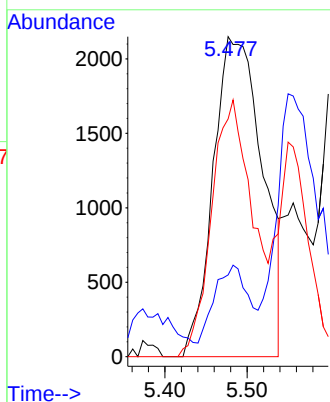
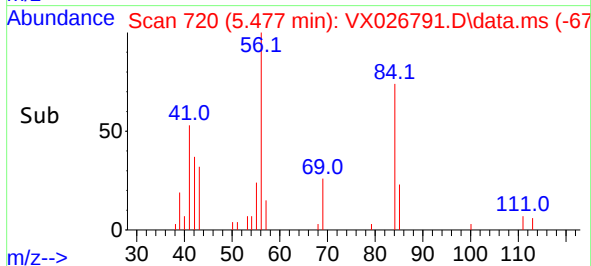
Instrument :
MSVOA_X
ClientSampleId :
MW-9



Tgt Ion: 56 Resp: 8960
Ion Ratio Lower Upper
56 100
69 18.5 25.8 38.6
84 74.3 68.9 103.3

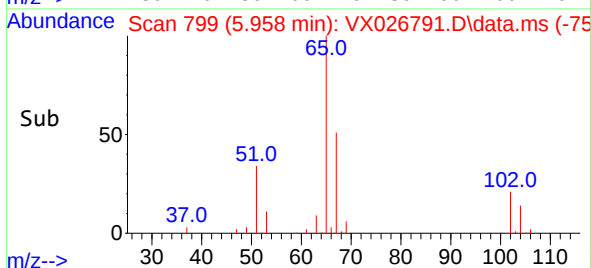
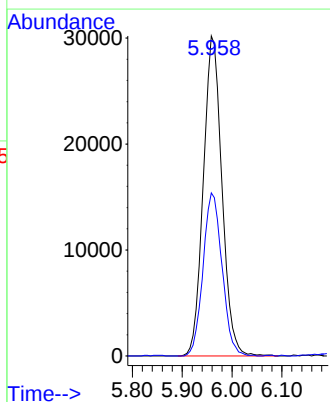
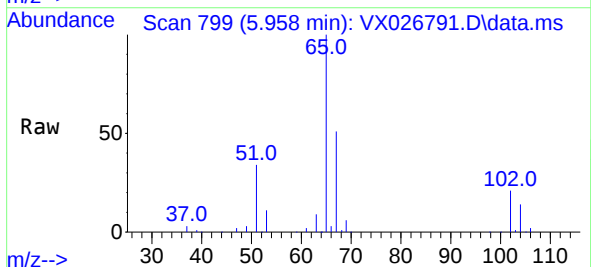
Manual Integrations
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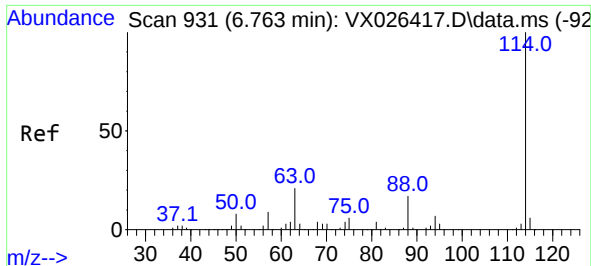
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022



#33
1,2-Dichloroethane-d4
Concen: 43.330 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48

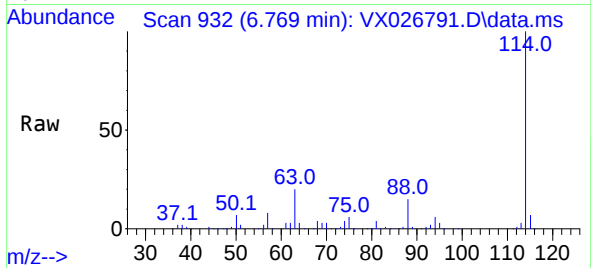
Tgt Ion: 65 Resp: 78438
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48

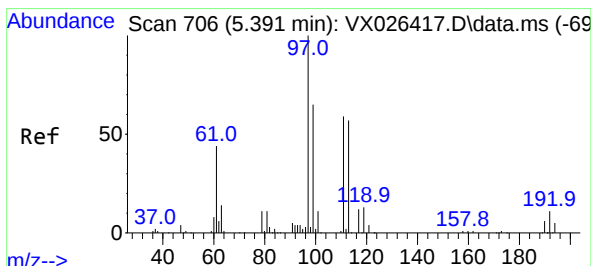
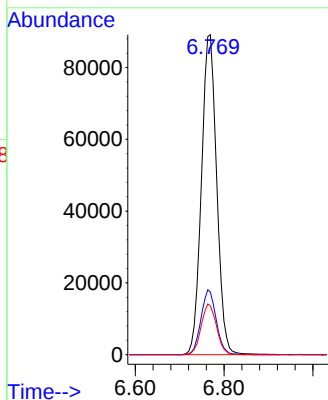
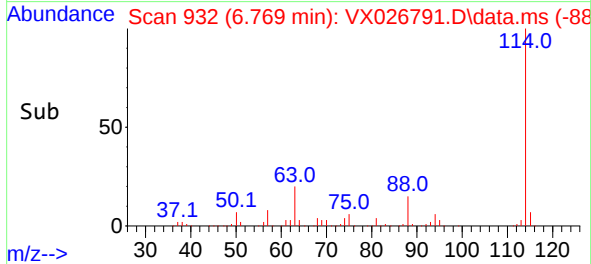
Instrument :
MSVOA_X
ClientSampleId :
MW-9



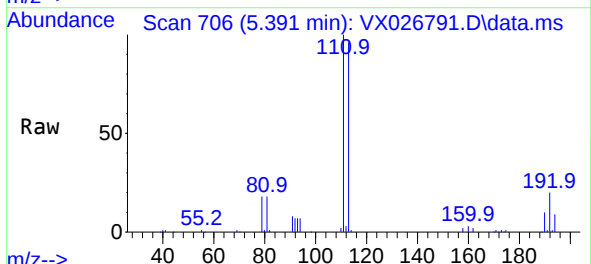
Tgt Ion:114 Resp: 213640
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.8
88 15.3 0.0 33.0

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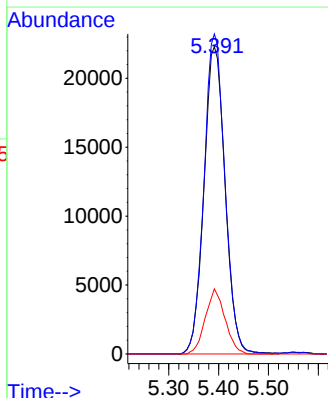
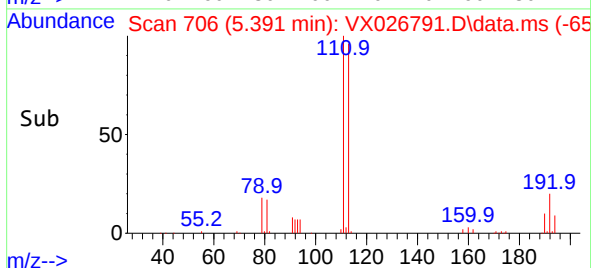
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022

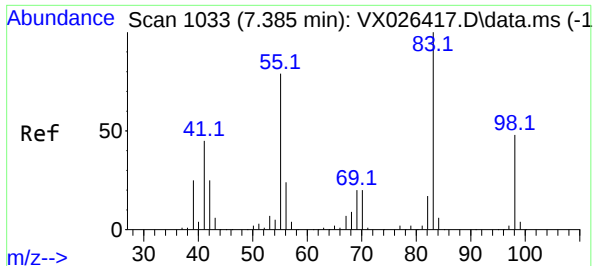


#35
Dibromofluoromethane
Concen: 47.579 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48



Tgt Ion:113 Resp: 65641
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 19.7 15.0 22.4





#39

Methylcyclohexane

Concen: 5.594 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX026791.D

Acq: 07 Feb 2022 17:48

Instrument :

MSVOA_X

ClientSampleId :

MW-9

Tgt Ion: 83 Resp: 14690

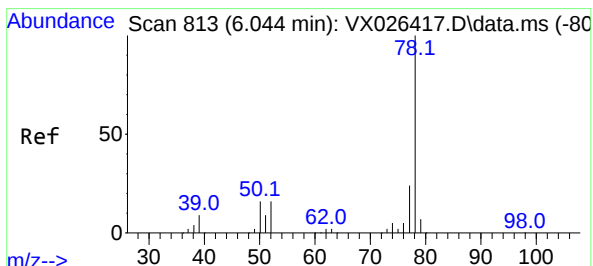
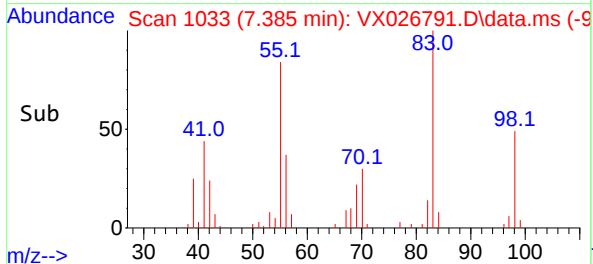
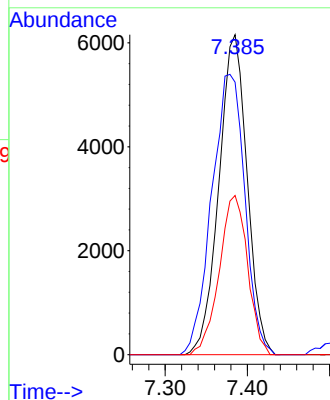
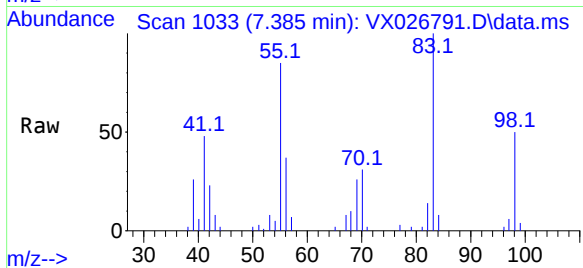
Ion	Ratio	Lower	Upper
83	100		
55	85.1	63.6	95.4
98	49.8	38.4	57.6

Manual Integrations

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Reviewed By :John Carlone 02/08/2022

Supervised By :Mahesh Dadoda 02/08/2022



#40

Benzene

Concen: 0.427 ug/l

RT: 6.044 min Scan# 813

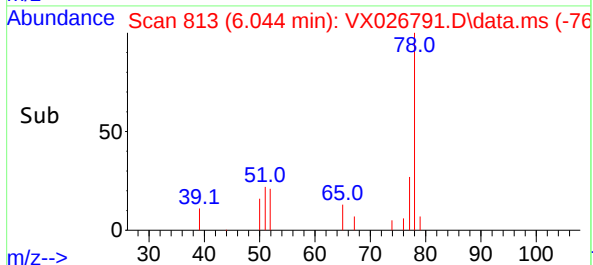
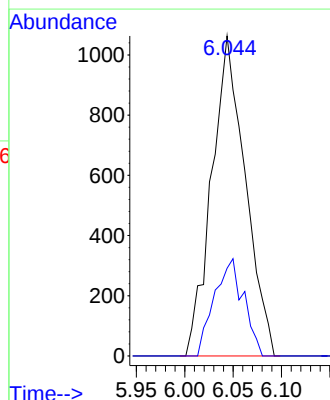
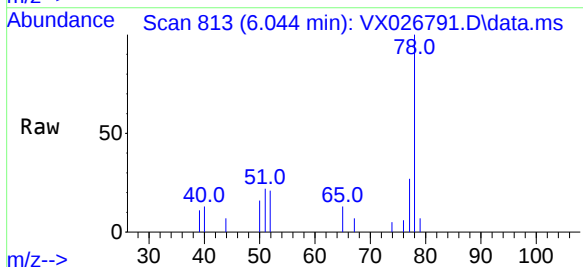
Delta R.T. 0.000 min

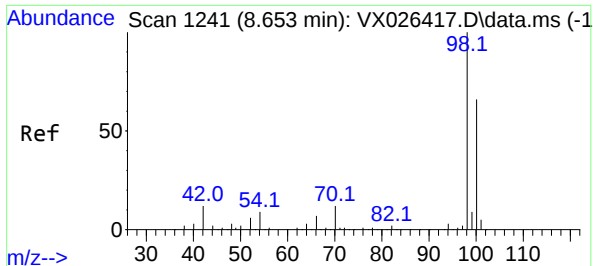
Lab File: VX026791.D

Acq: 07 Feb 2022 17:48

Tgt Ion: 78 Resp: 2571

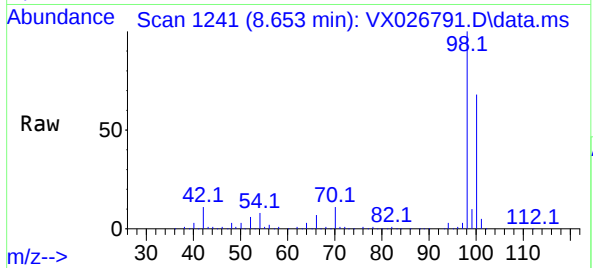
Ion	Ratio	Lower	Upper
78	100		
77	27.4	18.9	28.3





#50
Toluene-d8
Concen: 50.451 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48

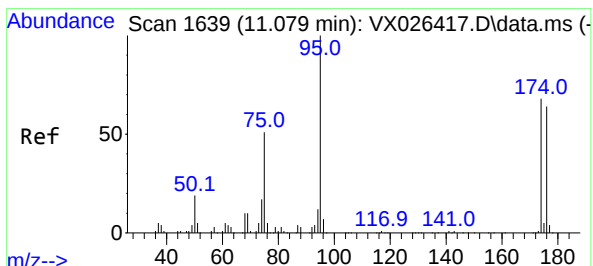
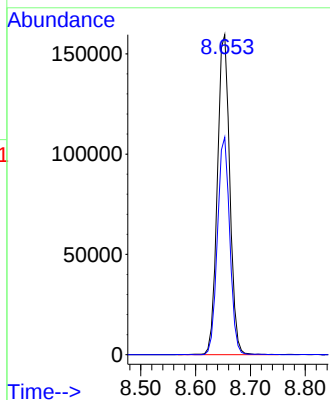
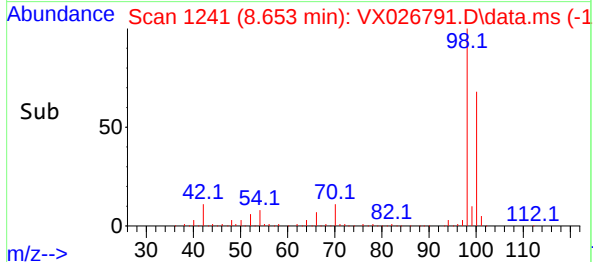
Instrument :
MSVOA_X
ClientSampleId :
MW-9



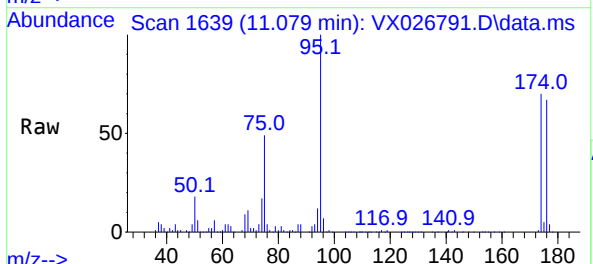
Tgt Ion: 98 Resp: 25082
Ion Ratio Lower Upper
98 100
100 67.3 53.2 79.8

Manual Integrations
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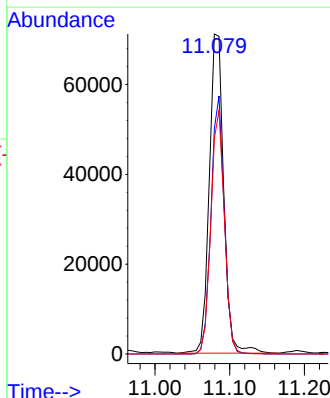
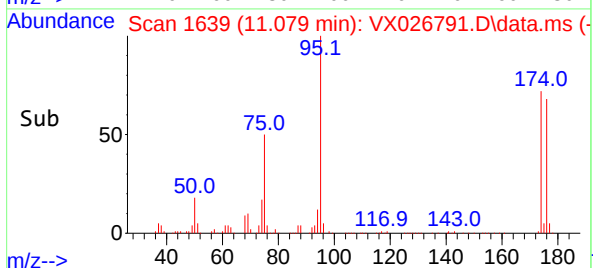
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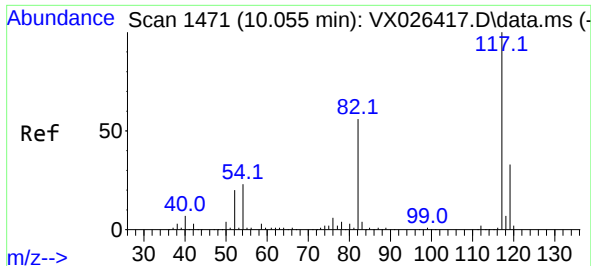


#62
4-Bromofluorobenzene
Concen: 54.112 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48



Tgt Ion: 95 Resp: 95566
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.6
176 71.2 0.0 141.4





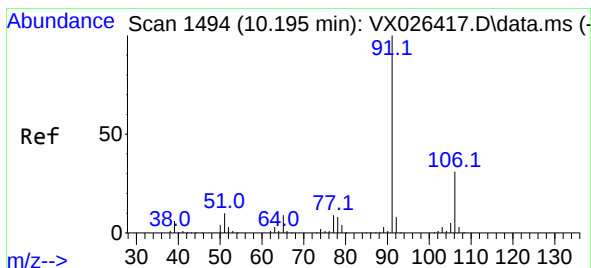
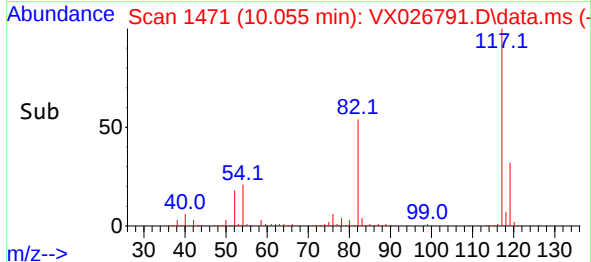
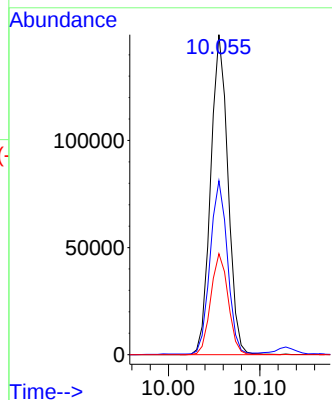
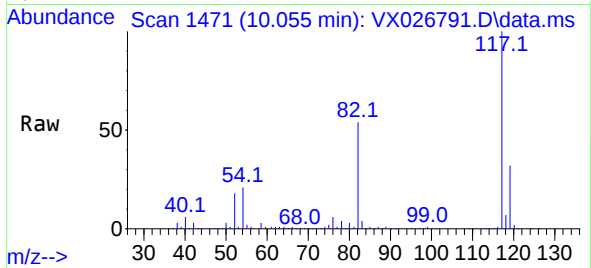
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-9

Tgt Ion:117 Resp: 195900
Ion Ratio Lower Upper
117 100
82 54.2 45.2 67.8
119 31.5 26.2 39.2

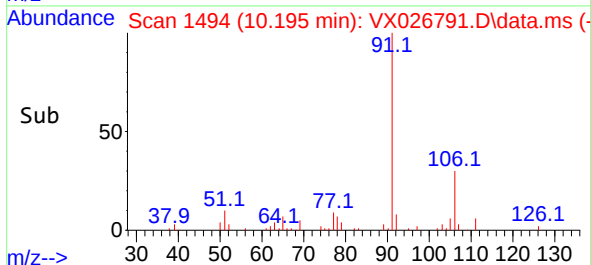
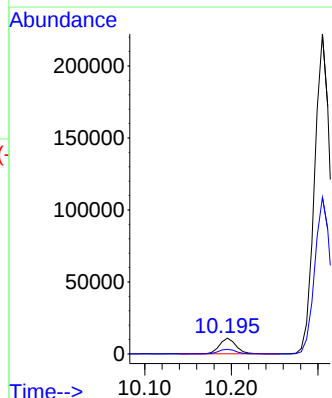
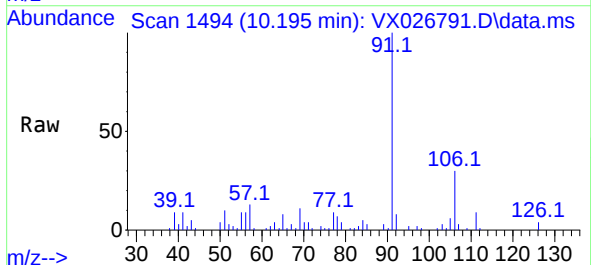
Manual Integrations
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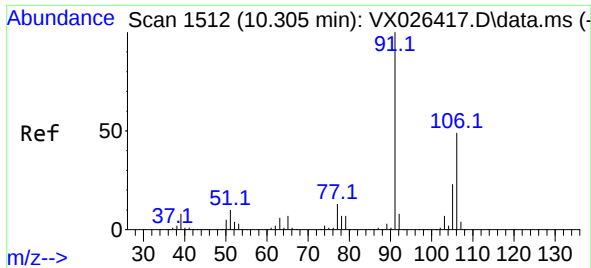
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022



#67
Ethyl Benzene
Concen: 1.961 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48

Tgt Ion: 91 Resp: 14703
Ion Ratio Lower Upper
91 100
106 29.9 24.7 37.1





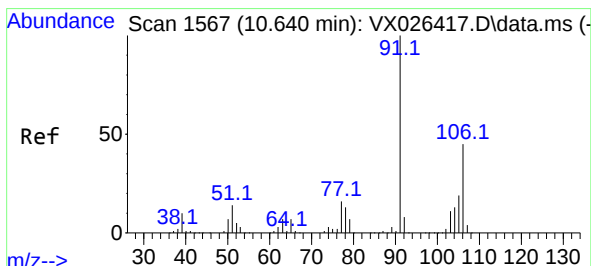
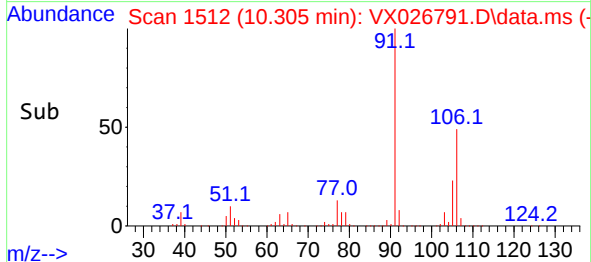
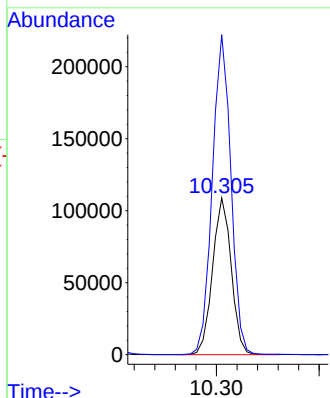
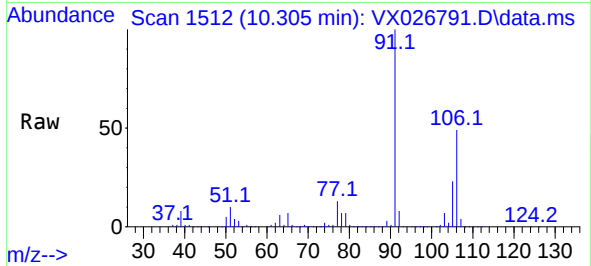
#68
m/p-Xylenes
Concen: 48.965 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-9

Tgt Ion:106 Resp: 13737
Ion Ratio Lower Upper
106 100
91 203.2 165.3 247.9

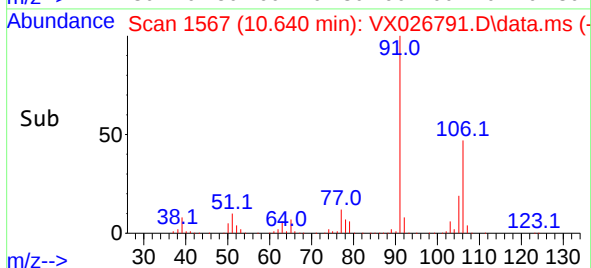
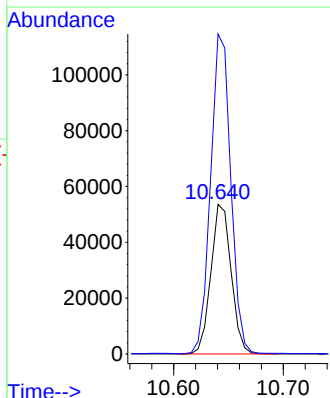
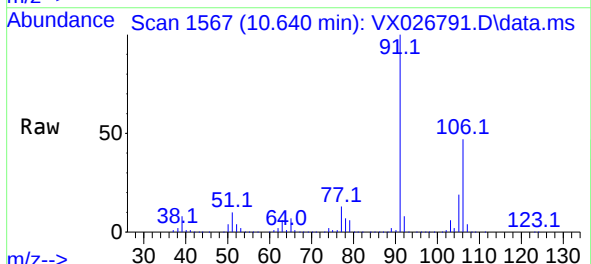
Manual Integrations
APPROVED

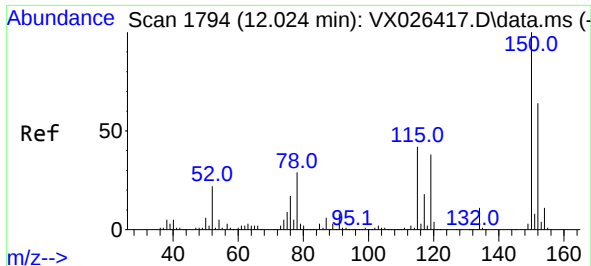
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022



#69
o-Xylene
Concen: 25.399 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48

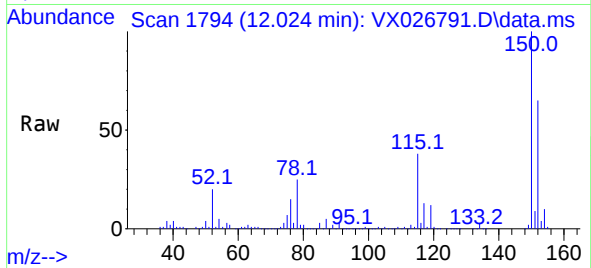
Tgt Ion:106 Resp: 68757
Ion Ratio Lower Upper
106 100
91 214.2 109.7 329.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48

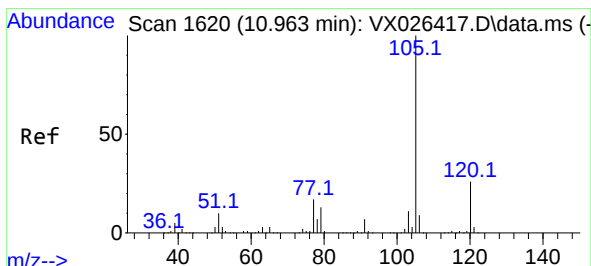
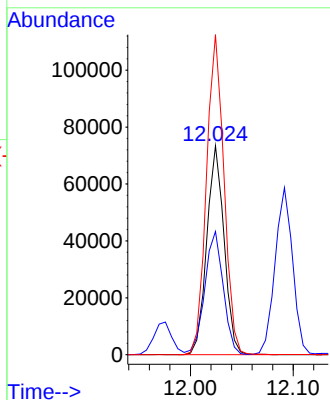
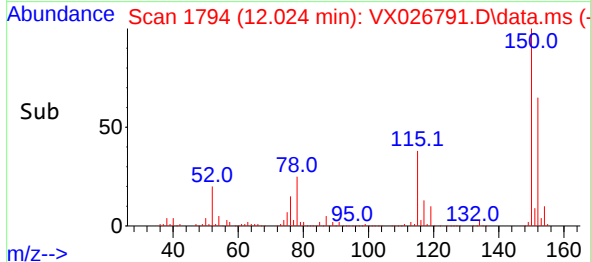
Instrument :
MSVOA_X
ClientSampleId :
MW-9



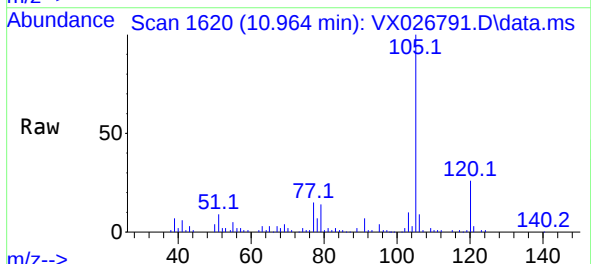
Tgt Ion:152 Resp: 8614
Ion Ratio Lower Upper
152 100
115 62.6 44.2 132.6
150 155.3 0.0 348.2

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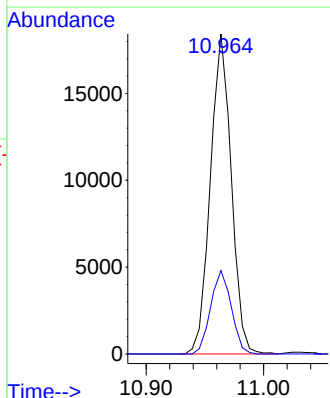
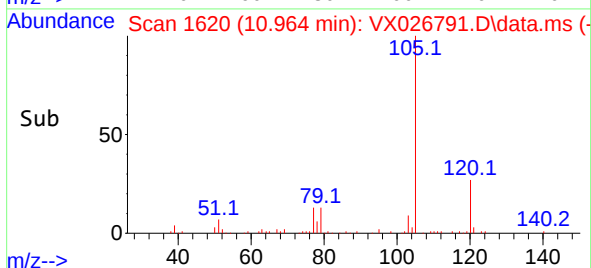
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022

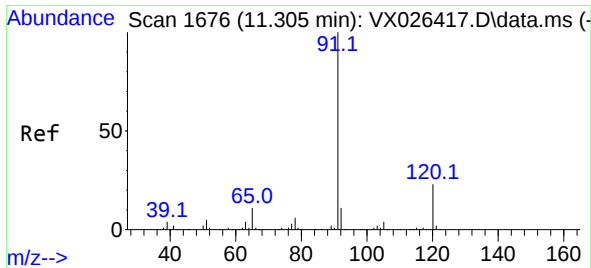


#73
Isopropylbenzene
Concen: 3.216 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48



Tgt Ion:105 Resp: 22705
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1





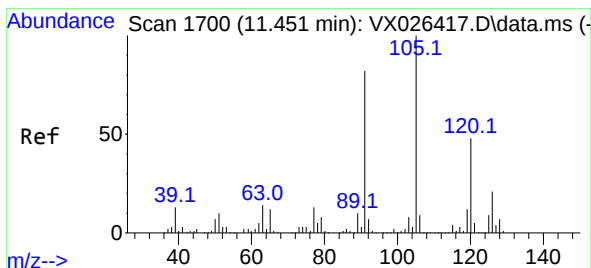
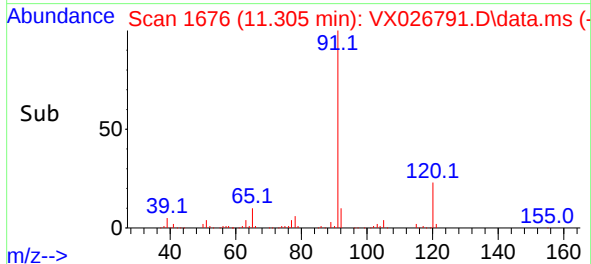
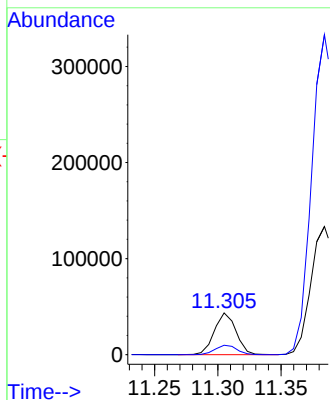
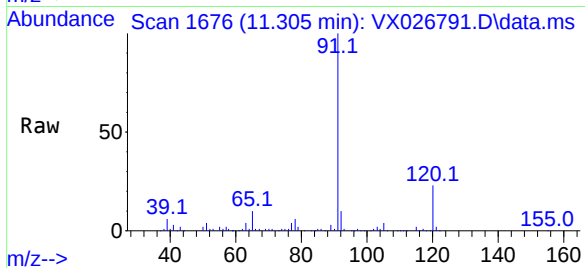
#78
n-propylbenzene
Concen: 6.456 ug/l
RT: 11.305 min Scan# 110
Delta R.T. 0.000 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-9

Tgt Ion: 91 Resp: 51985
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.7

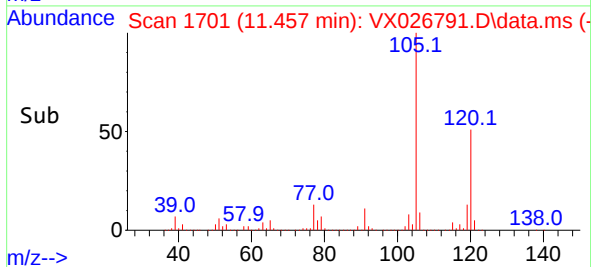
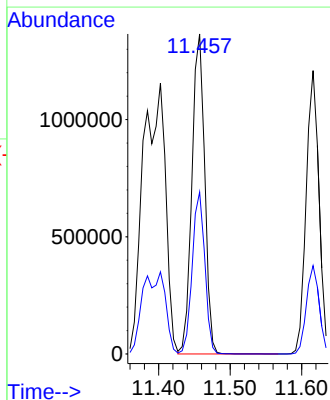
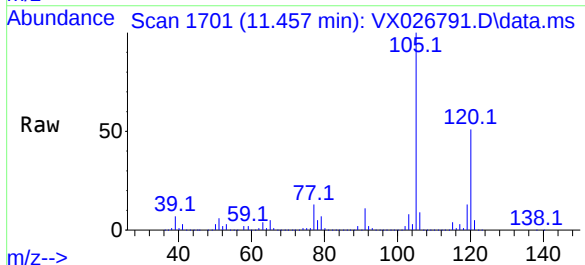
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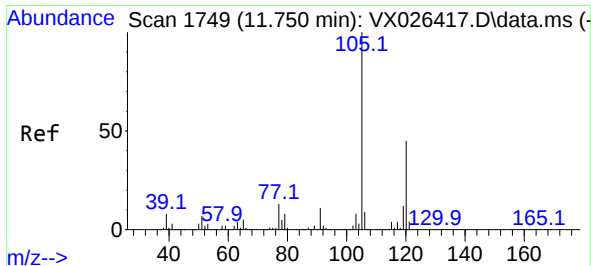
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 291.298 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48

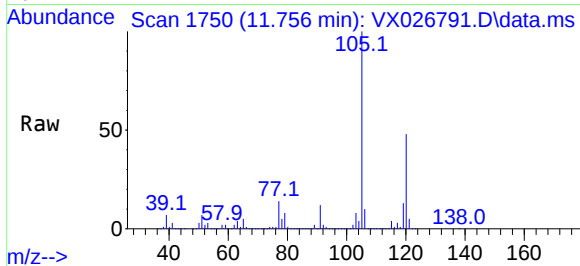
Tgt Ion:105 Resp: 1695695
Ion Ratio Lower Upper
105 100
120 49.8 24.0 72.0





#84
1,2,4-Trimethylbenzene
Concen: 567.432 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48

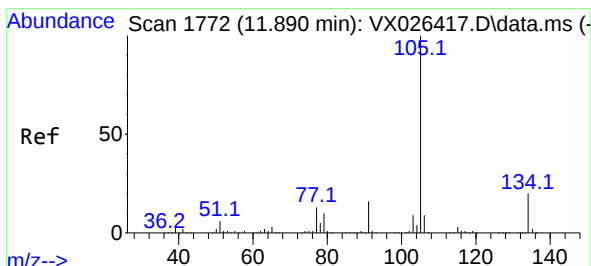
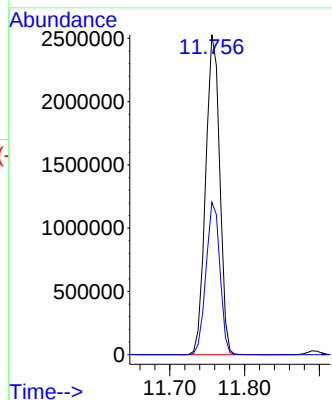
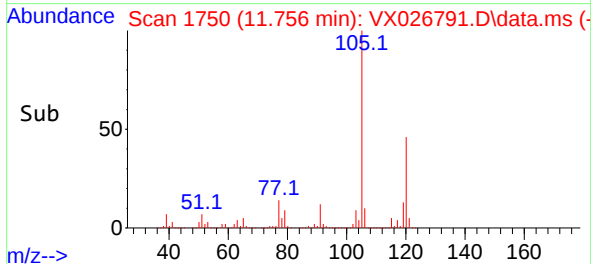
Instrument :
MSVOA_X
ClientSampleId :
MW-9



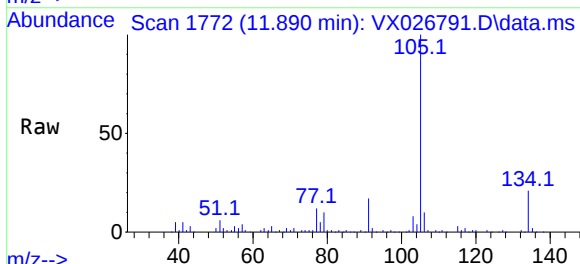
Tgt Ion:105 Resp: 3303774
Ion Ratio Lower Upper
105 100
120 47.1 21.9 65.5

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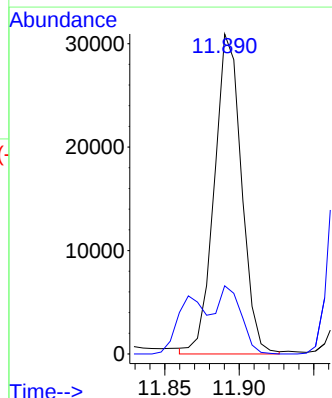
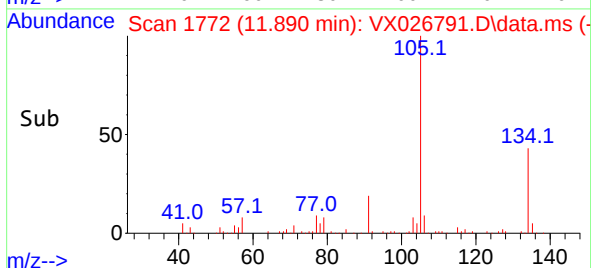
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022

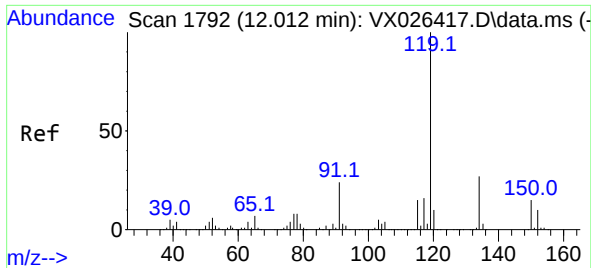


#85
sec-Butylbenzene
Concen: 5.587 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX026791.D
Acq: 07 Feb 2022 17:48



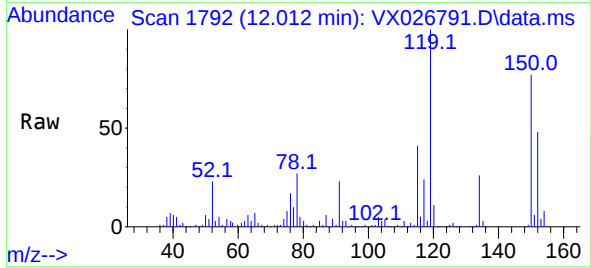
Tgt Ion:105 Resp: 39273
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





#86
 p-Isopropyltoluene
 Concen: 8.709 ug/l
 RT: 12.012 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VX026791.D
 Acq: 07 Feb 2022 17:48

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9



Tgt Ion:119 Resp: 5135

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	39.0
91	24.5	12.6	37.6

Manual Integrations
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Reviewed By :John Carlone 02/08/2022
 Supervised By :Mahesh Dadoda 02/08/2022

