

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
 Data File : VX027222.D
 Acq On : 28 Feb 2022 16:02
 Operator : JC/MD
 Sample : N1688-06 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2022
 Supervised By : Mahesh Dadoda 03/01/2022

Quant Time: Mar 01 00:44:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	94637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	156430	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56153	49.405	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.800%		
35) Dibromofluoromethane	5.391	113	49248	50.720	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.440%		
50) Toluene-d8	8.653	98	185390	51.063	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.120%		
62) 4-Bromofluorobenzene	11.085	95	69367	49.774	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.540%		
Target Compounds					Qvalue	
31) Cyclohexane	5.477	56	49786	29.248	ug/l	96
39) Methylcyclohexane	7.385	83	25201	14.296	ug/l	98
40) Benzene	6.044	78	40128	9.683	ug/l	99
52) Toluene	8.720	92	13401	5.050	ug/l	96
67) Ethyl Benzene	10.195	91	242824	47.233	ug/l	99
68) m/p-Xylenes	10.305	106	194710	98.517	ug/l	96
69) o-Xylene	10.646	106	56844	28.657	ug/l	98
73) Isopropylbenzene	10.963	105	2231	0.450	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	54009	12.961	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	220464	53.189	ug/l	96
86) p-Isopropyltoluene	12.012	119	1872m	0.432	ug/l	
95) Naphthalene	13.774	128	146528	30.110	ug/l	100

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

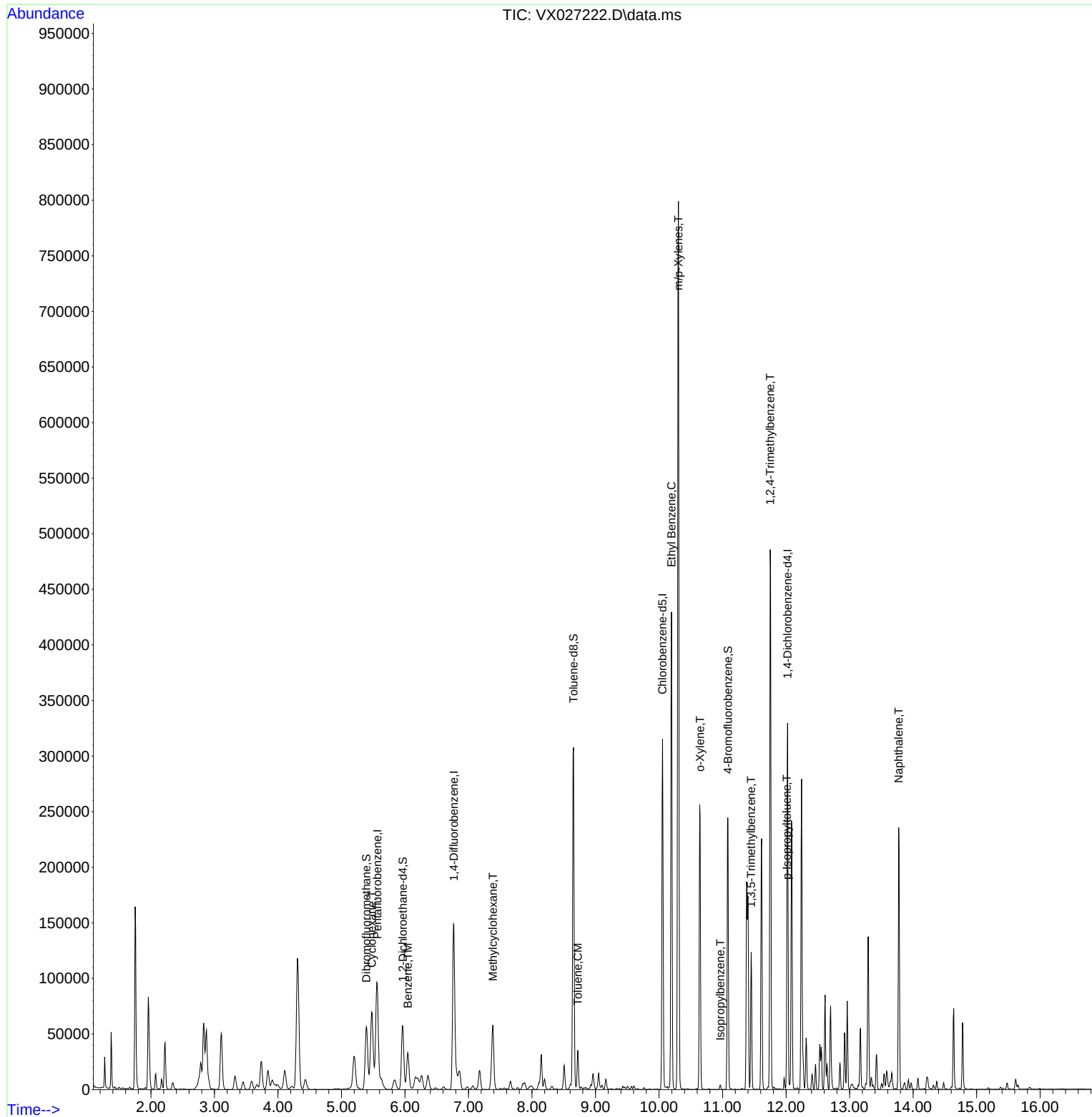
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
Data File : VX027222.D
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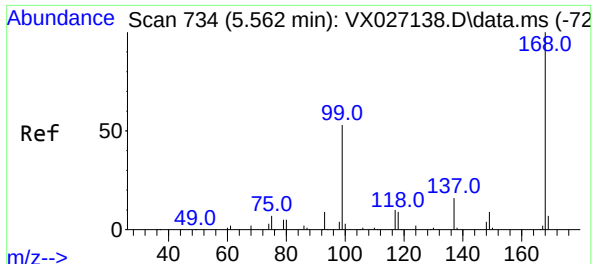
Instrument :
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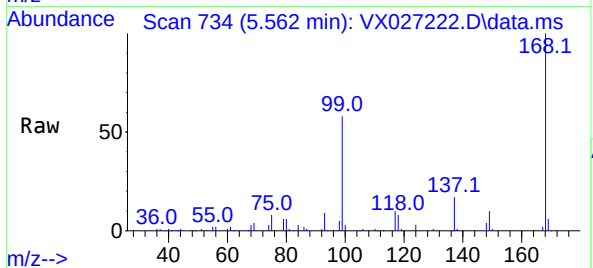
Quant Time: Mar 01 00:44:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02

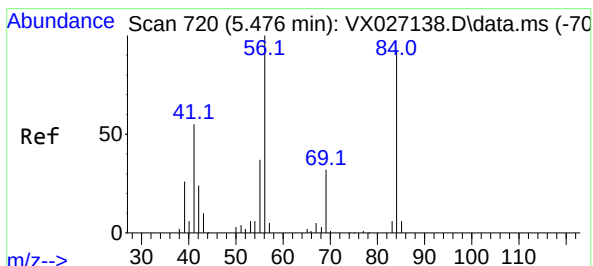
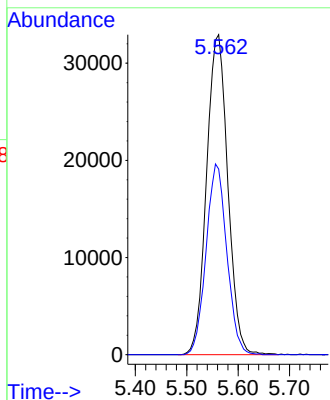
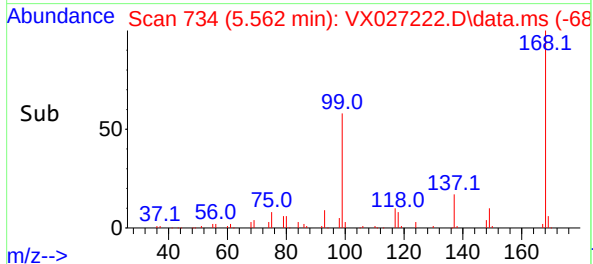
Instrument :
MSVOA_X
ClientSampleId :
MW-23



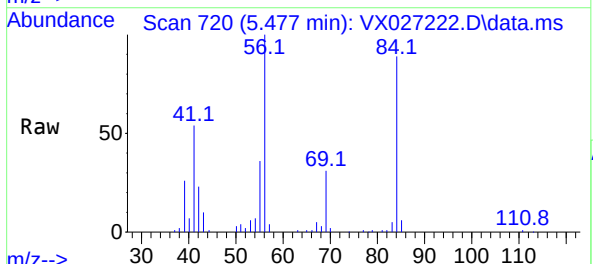
Tgt Ion:168 Resp: 9463
Ion Ratio Lower Upper
168 100
99 58.0 50.3 75.5

Manual Integrations
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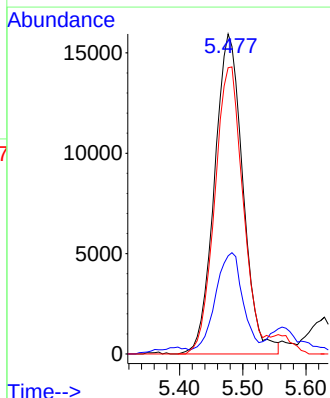
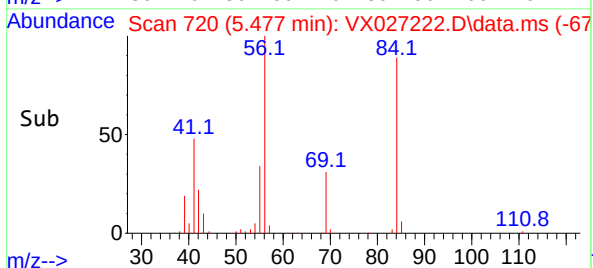
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

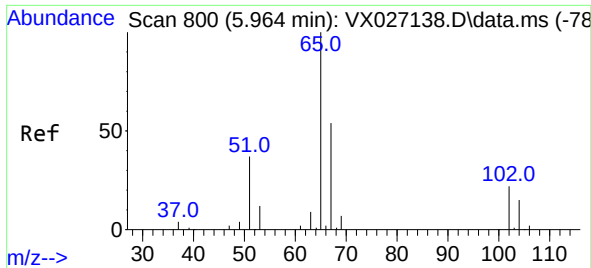


#31
Cyclohexane
Concen: 29.248 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.001 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02



Tgt Ion: 56 Resp: 49786
Ion Ratio Lower Upper
56 100
69 28.5 25.8 38.6
84 89.5 68.9 103.3





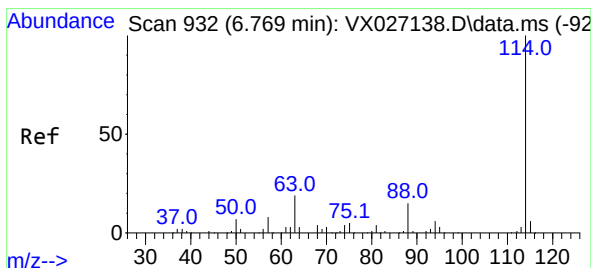
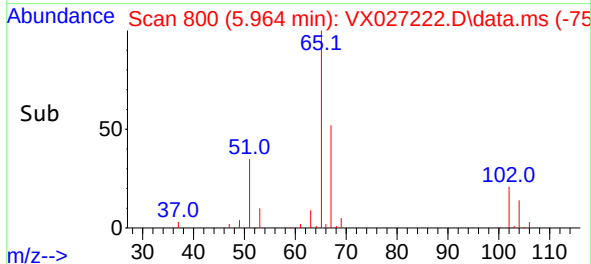
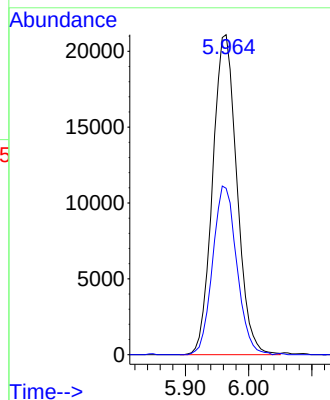
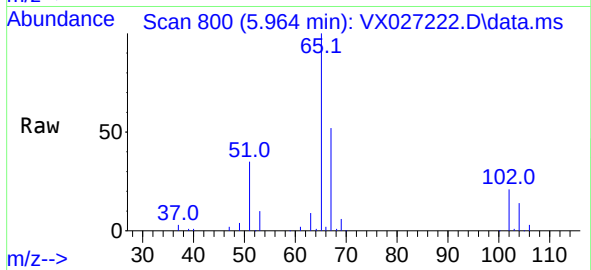
#33
1,2-Dichloroethane-d4
Concen: 49.405 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02

Instrument :
MSVOA_X
ClientSampleId :
MW-23

Tgt Ion: 65 Resp: 5615
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.8

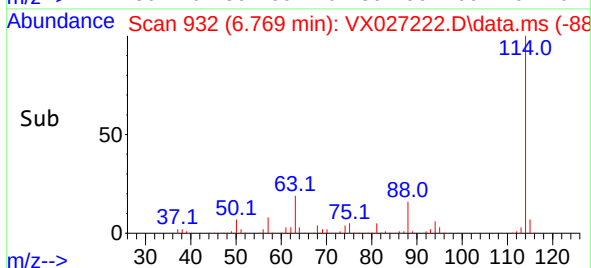
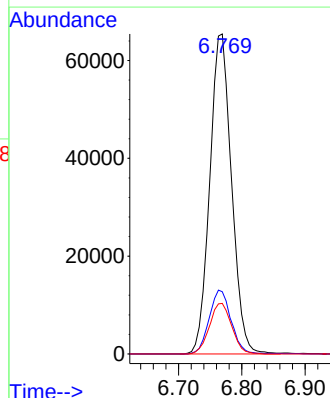
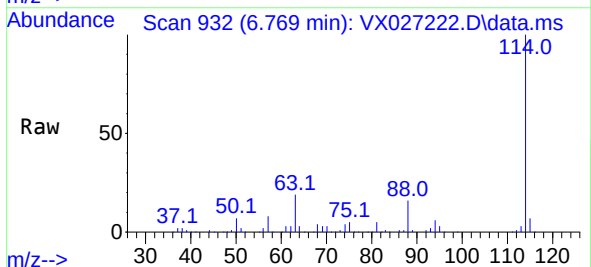
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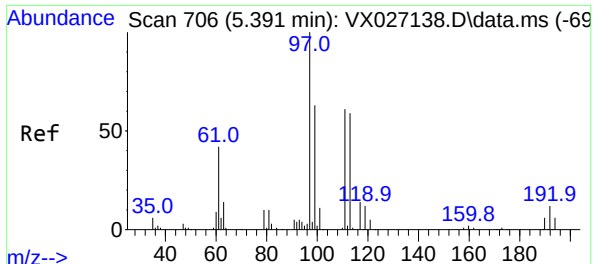
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02

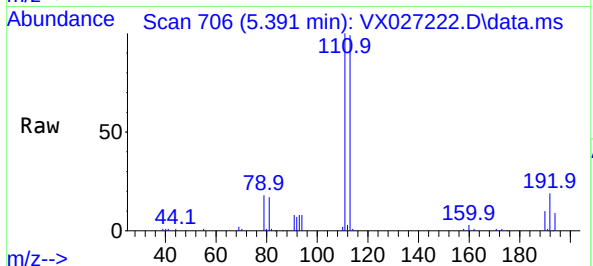
Tgt Ion:114 Resp: 156430
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.8
88 15.8 0.0 33.0





#35
Dibromofluoromethane
Concen: 50.720 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02

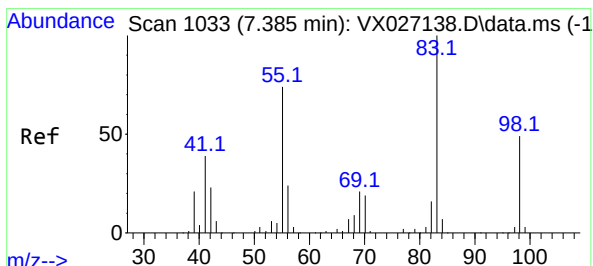
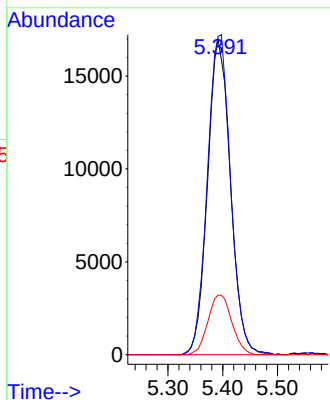
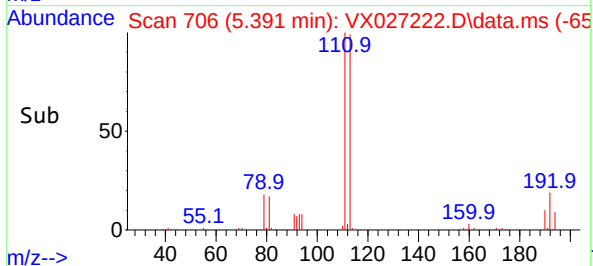
Instrument :
MSVOA_X
Client Sample Id :
MW-23



Tgt Ion: 113 Resp: 49248
Ion Ratio Lower Upper
113 100
111 103.0 81.2 121.8
192 19.7 15.0 22.4

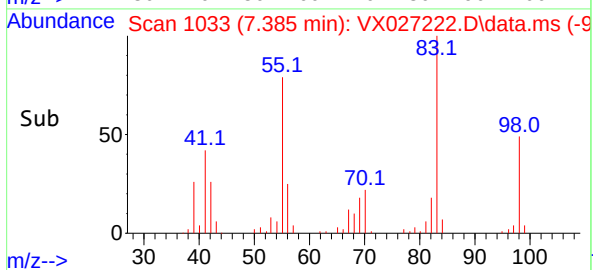
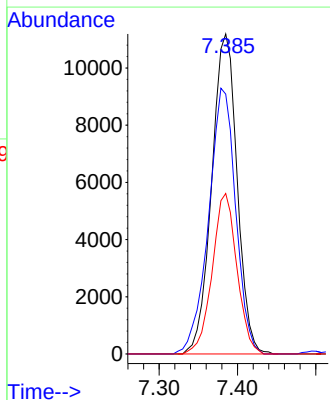
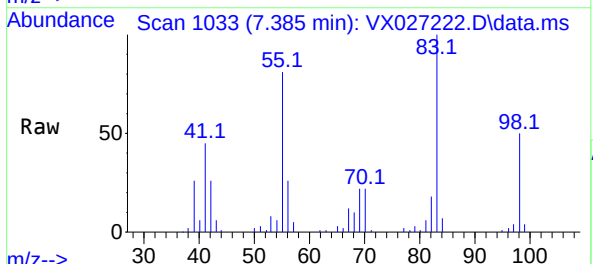
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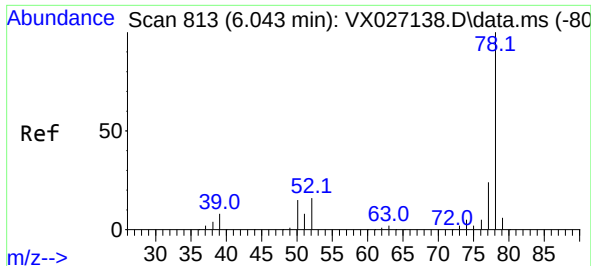
Reviewed By : John Carlone 03/01/2022
Supervised By : Mahesh Dadoda 03/01/2022



#39
Methylcyclohexane
Concen: 14.296 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02

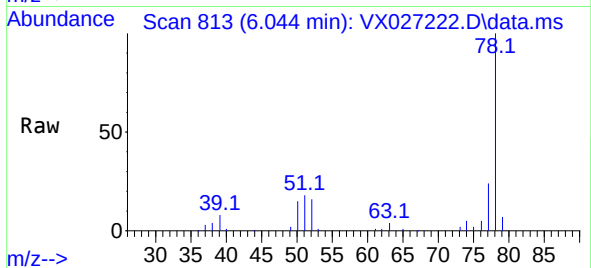
Tgt Ion: 83 Resp: 25201
Ion Ratio Lower Upper
83 100
55 81.2 63.6 95.4
98 50.2 38.4 57.6





#40
Benzene
Concen: 9.683 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.001 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02

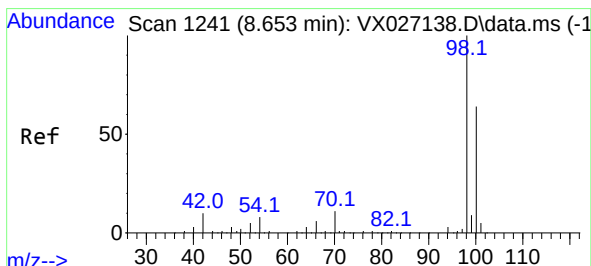
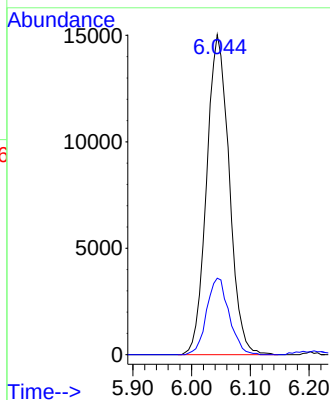
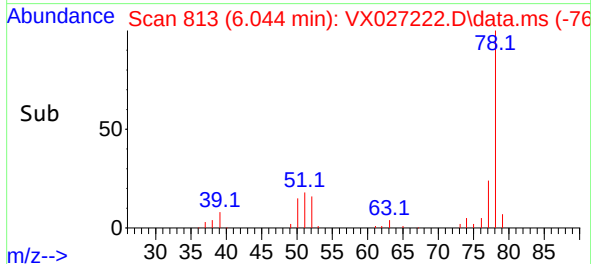
Instrument :
MSVOA_X
ClientSampleId :
MW-23



Tgt Ion: 78 Resp: 40128
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3

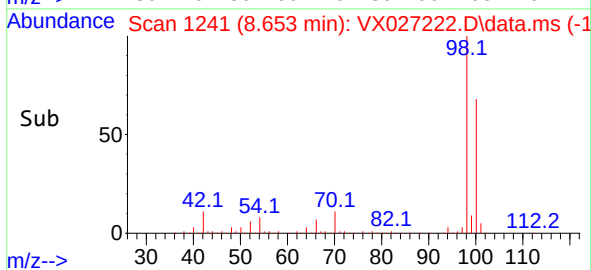
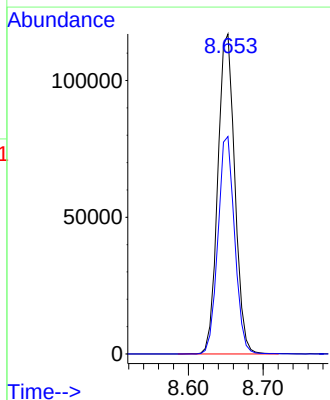
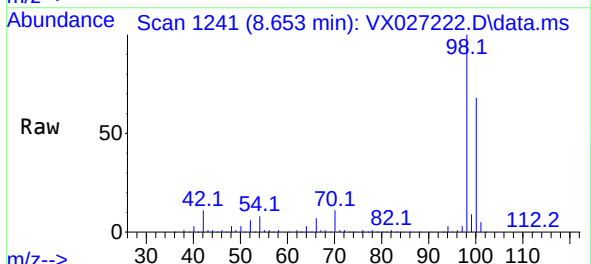
Manual Integrations
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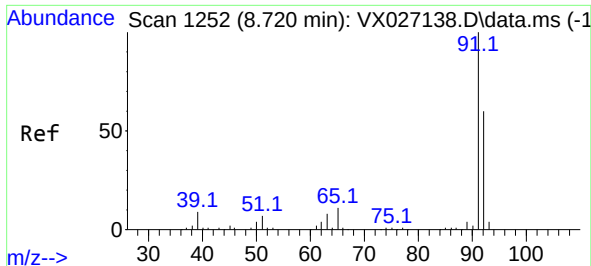
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#50
Toluene-d8
Concen: 51.063 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02

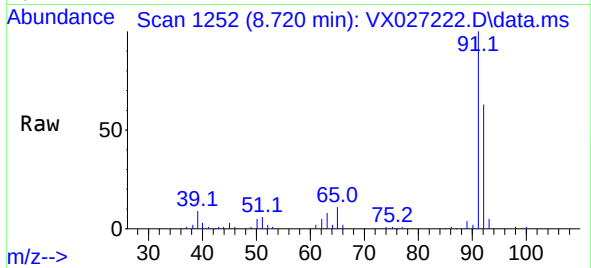
Tgt Ion: 98 Resp: 185390
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8





#52
Toluene
Concen: 5.050 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02

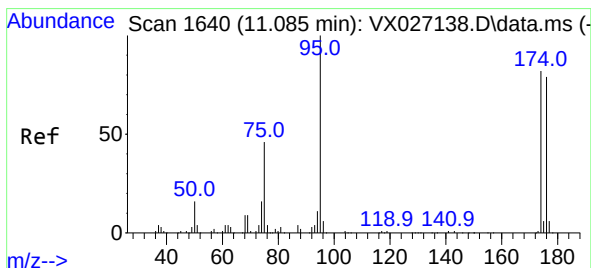
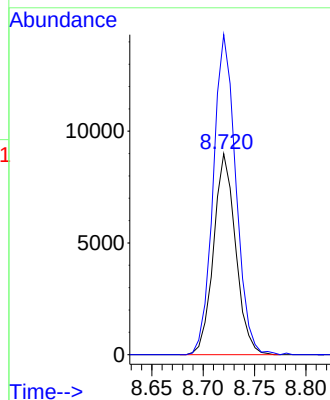
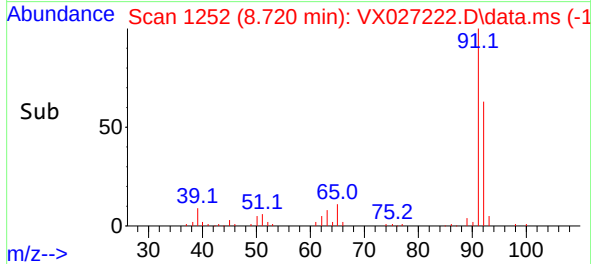
Instrument :
MSVOA_X
ClientSampleId :
MW-23



Tgt Ion: 92 Resp: 1340
Ion Ratio Lower Upper
92 100
91 163.6 135.7 203.5

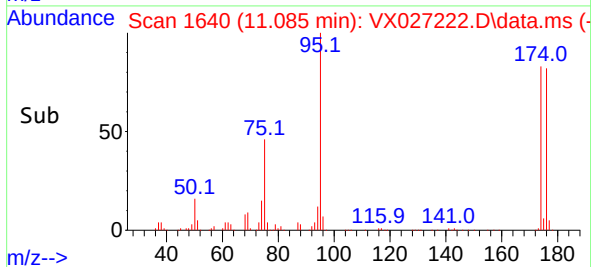
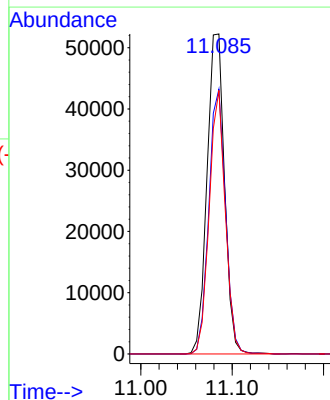
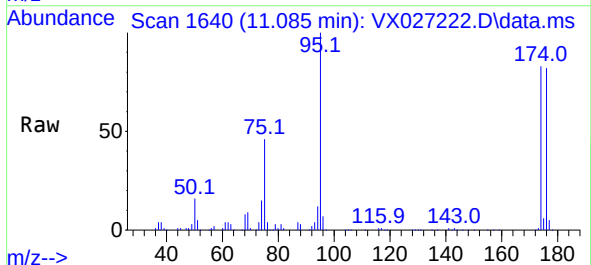
Manual Integrations
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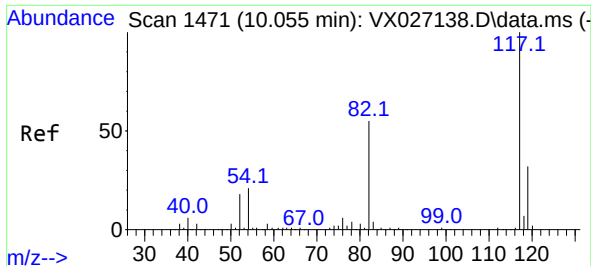
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#62
4-Bromofluorobenzene
Concen: 49.774 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02

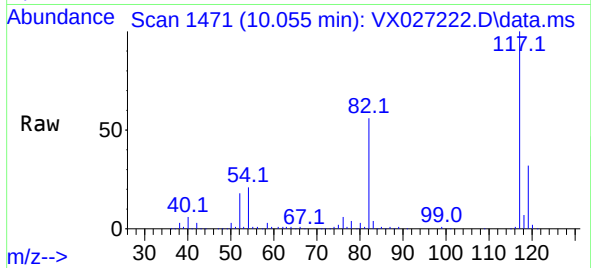
Tgt Ion: 95 Resp: 69367
Ion Ratio Lower Upper
95 100
174 79.2 0.0 148.6
176 75.7 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02

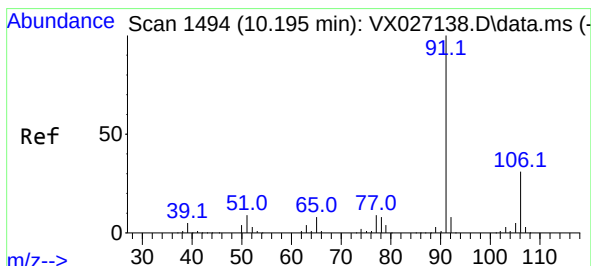
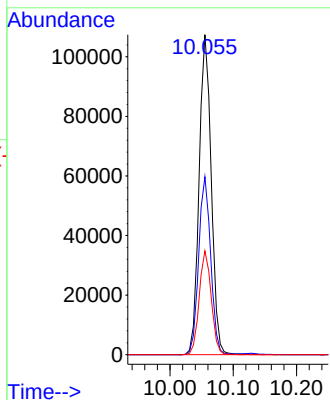
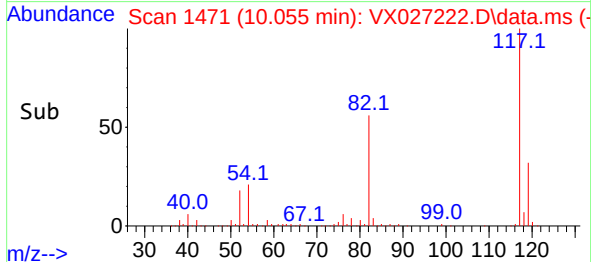
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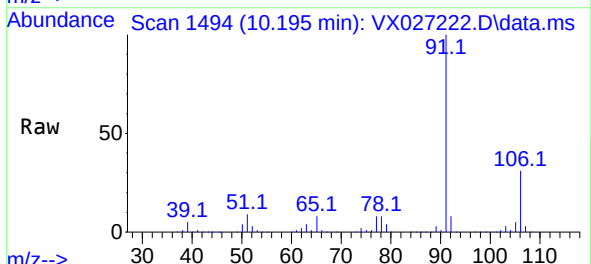
Tgt Ion:117 Resp: 143668
Ion Ratio Lower Upper
117 100
82 55.6 45.2 67.8
119 32.4 26.2 39.2

Manual Integrations
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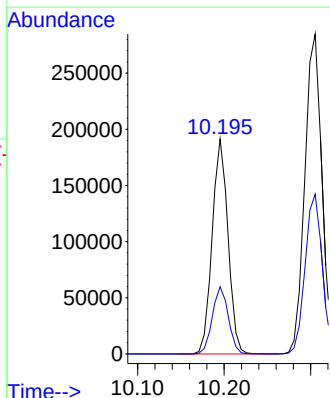
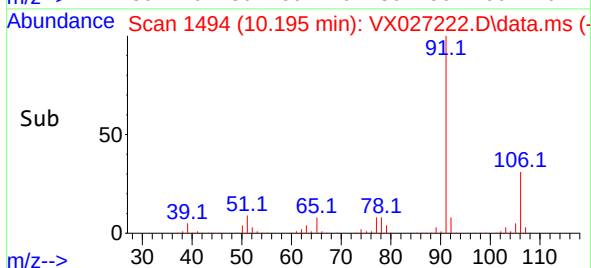
Reviewed By :John Carlone 03/01/2022
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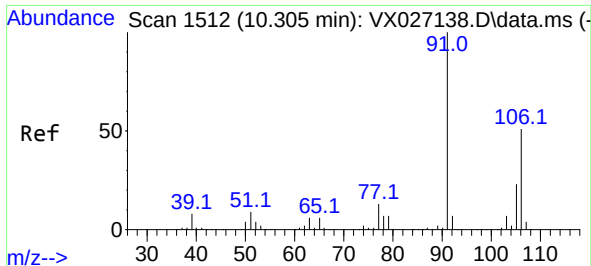


#67
Ethyl Benzene
Concen: 47.233 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02



Tgt Ion: 91 Resp: 242824
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1





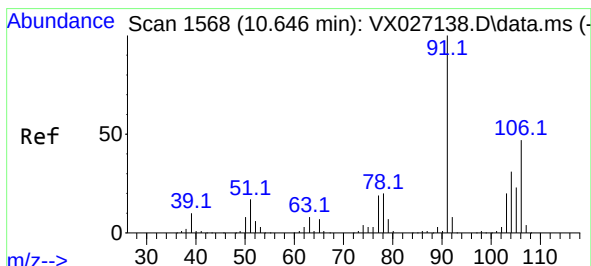
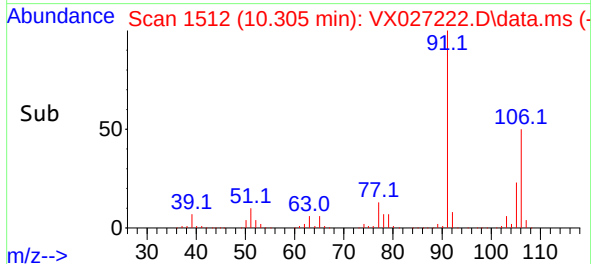
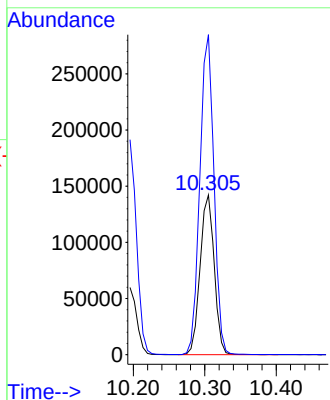
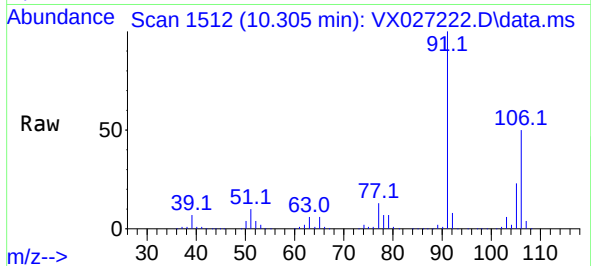
#68
m/p-Xylenes
Concen: 98.517 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02

Instrument :
MSVOA_X
ClientSampleId :
MW-23

Tgt Ion:106 Resp: 194710
Ion Ratio Lower Upper
106 100
91 199.8 165.3 247.9

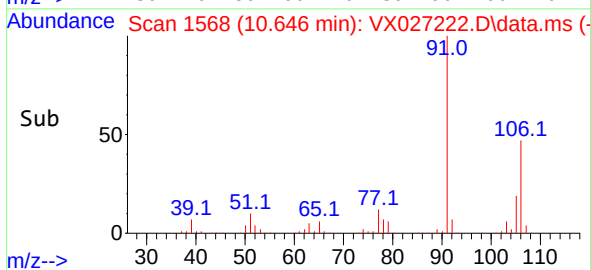
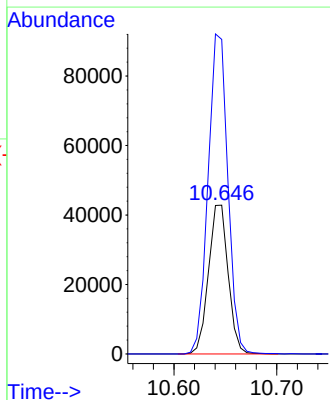
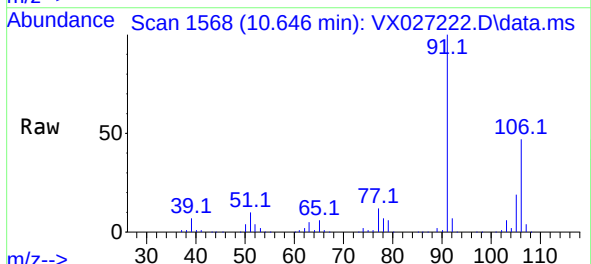
Manual Integrations
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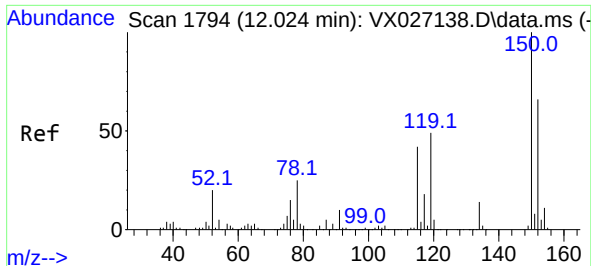
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#69
o-Xylene
Concen: 28.657 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02

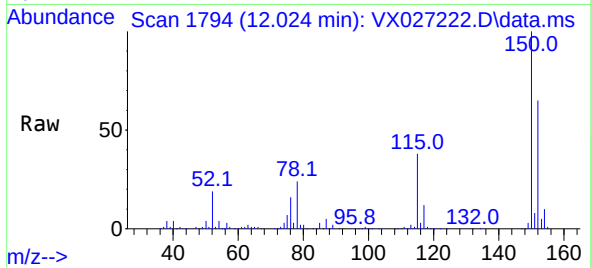
Tgt Ion:106 Resp: 56844
Ion Ratio Lower Upper
106 100
91 216.2 109.7 329.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02

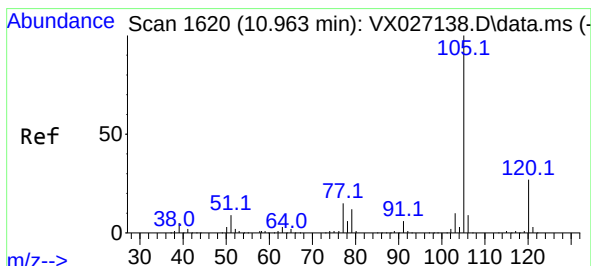
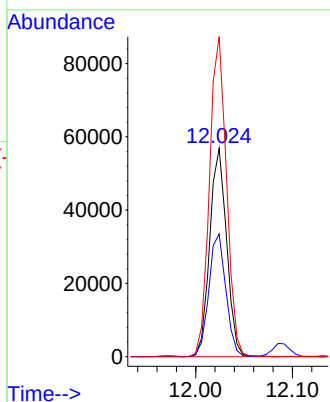
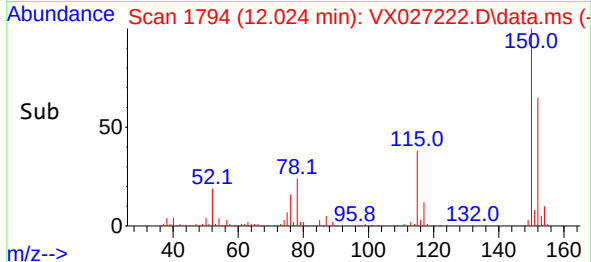
Instrument :
MSVOA_X
ClientSampleId :
MW-23



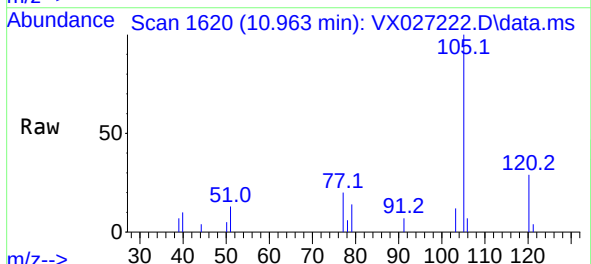
Tgt Ion:152 Resp: 6925
Ion Ratio Lower Upper
152 100
115 59.6 44.2 132.6
150 154.9 0.0 348.2

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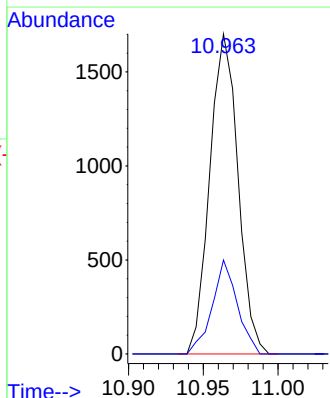
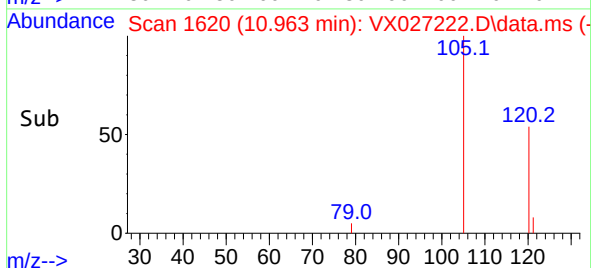
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

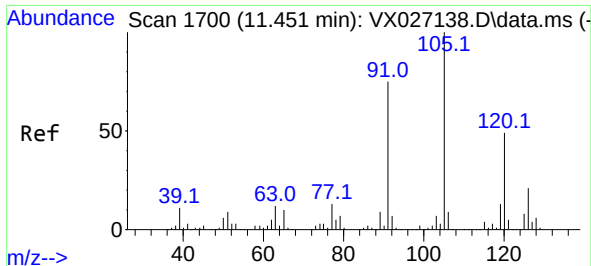


#73
Isopropylbenzene
Concen: 0.450 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02



Tgt Ion:105 Resp: 2231
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1





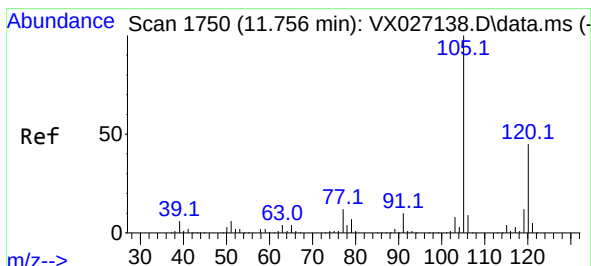
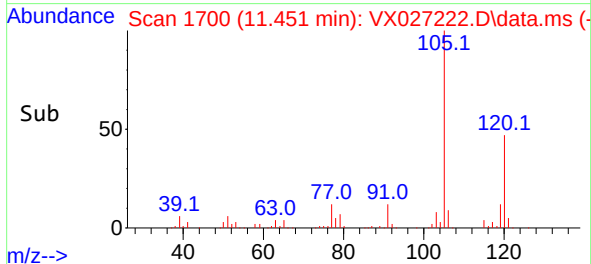
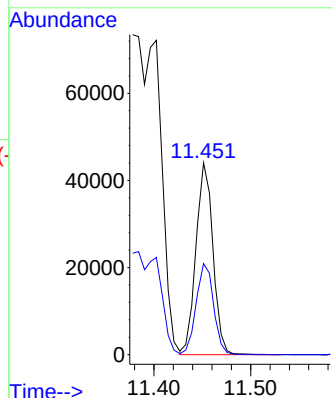
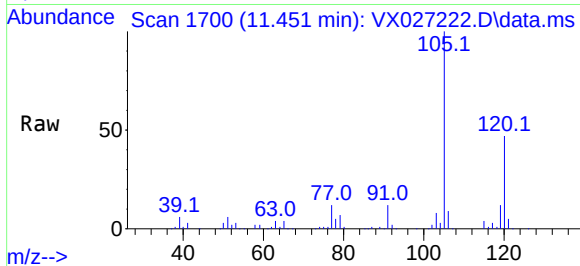
#80
1,3,5-Trimethylbenzene
Concen: 12.961 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02

Instrument :
MSVOA_X
ClientSampleId :
MW-23

Tgt Ion:105 Resp: 54009
Ion Ratio Lower Upper
105 100
120 48.6 24.0 72.0

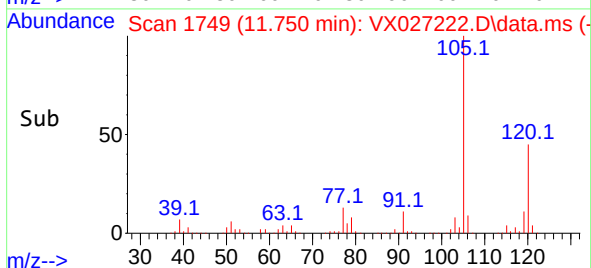
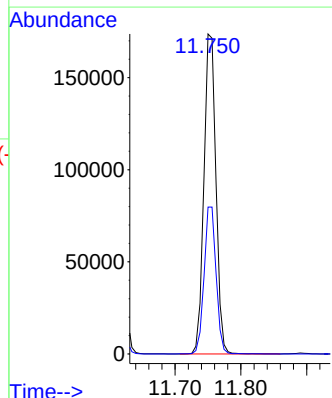
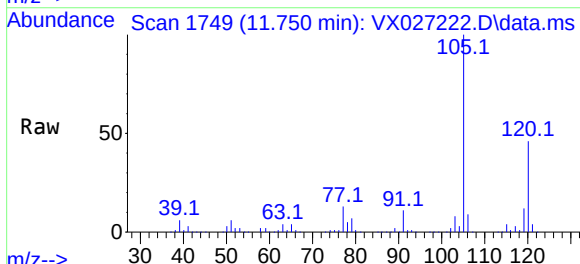
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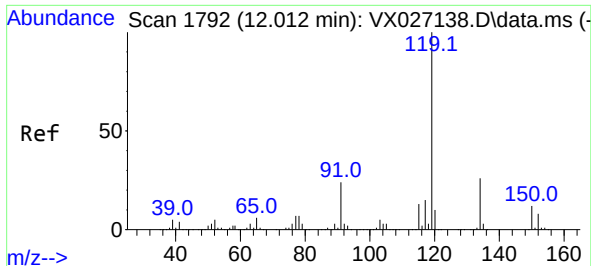
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#84
1,2,4-Trimethylbenzene
Concen: 53.189 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02

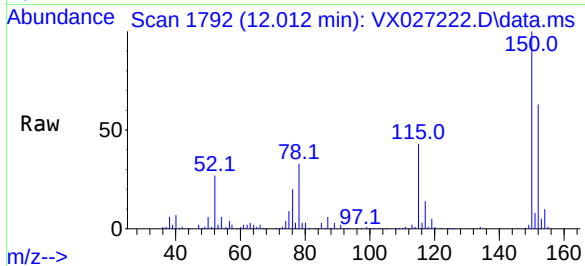
Tgt Ion:105 Resp: 220464
Ion Ratio Lower Upper
105 100
120 46.0 21.9 65.5





#86
p-Isopropyltoluene
Concen: 0.432 ug/l m
RT: 12.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02

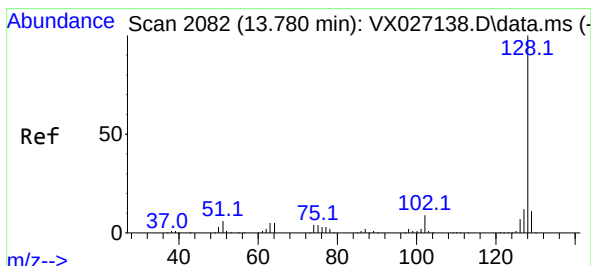
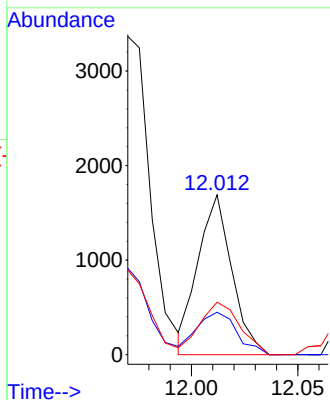
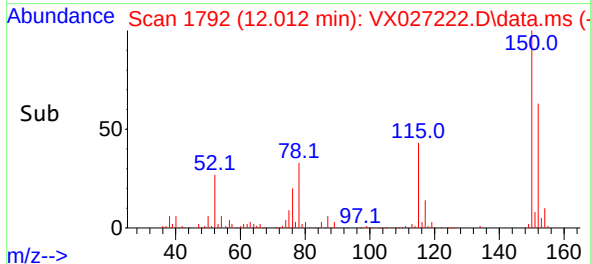
Instrument :
MSVOA_X
ClientSampleId :
MW-23



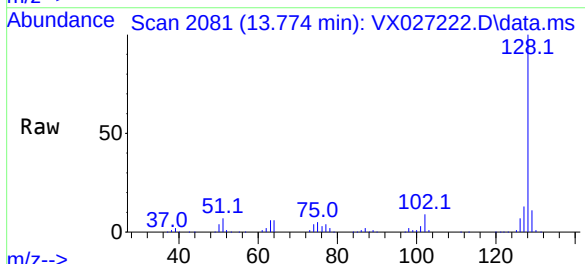
Tgt Ion:119 Resp: 1872
Ion Ratio Lower Upper
119 100
134 56.7 13.0 39.0
91 56.6 12.6 37.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#95
Naphthalene
Concen: 30.110 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX027222.D
Acq: 28 Feb 2022 16:02



Tgt Ion:128 Resp: 146528
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1

