

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113022\
 Data File : VX033140.D
 Acq On : 30 Nov 2022 18:24
 Operator : JC/MD
 Sample : N5815-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-04

Quant Time: Dec 01 00:23:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/01/2022
 Supervised By :Mahesh Dadoda 12/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	154223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	244812	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77333	51.404	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.800%			
35) Dibromofluoromethane	5.385	113	63501	46.010	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.020%			
50) Toluene-d8	8.647	98	210844	50.808	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.620%			
62) 4-Bromofluorobenzene	11.079	95	78303	43.190	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.380%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	3896	5.554	ug/l	92
25) 2-Butanone	4.592	43	2663	2.753	ug/l #	83
31) Cyclohexane	5.476	56	25261	10.380	ug/l	89
39) Methylcyclohexane	7.385	83	9191	3.650	ug/l	96
40) Benzene	6.043	78	28468	4.601	ug/l	94
52) Toluene	8.720	92	2965	0.728	ug/l	97
67) Ethyl Benzene	10.195	91	79733	10.746	ug/l	99
68) m/p-Xylenes	10.305	106	6642	2.286	ug/l	89
69) o-Xylene	10.640	106	763	0.271	ug/l	94
73) Isopropylbenzene	10.963	105	11195	1.571	ug/l	98
78) n-propylbenzene	11.305	91	21679	2.660	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1550m	0.259	ug/l	
84) 1,2,4-Trimethylbenzene	11.756	105	13664	2.289	ug/l	97
85) sec-Butylbenzene	11.890	105	2023m	0.284	ug/l	
89) n-Butylbenzene	12.329	91	1683m	0.323	ug/l	
95) Naphthalene	13.780	128	21983	3.447	ug/l	100

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

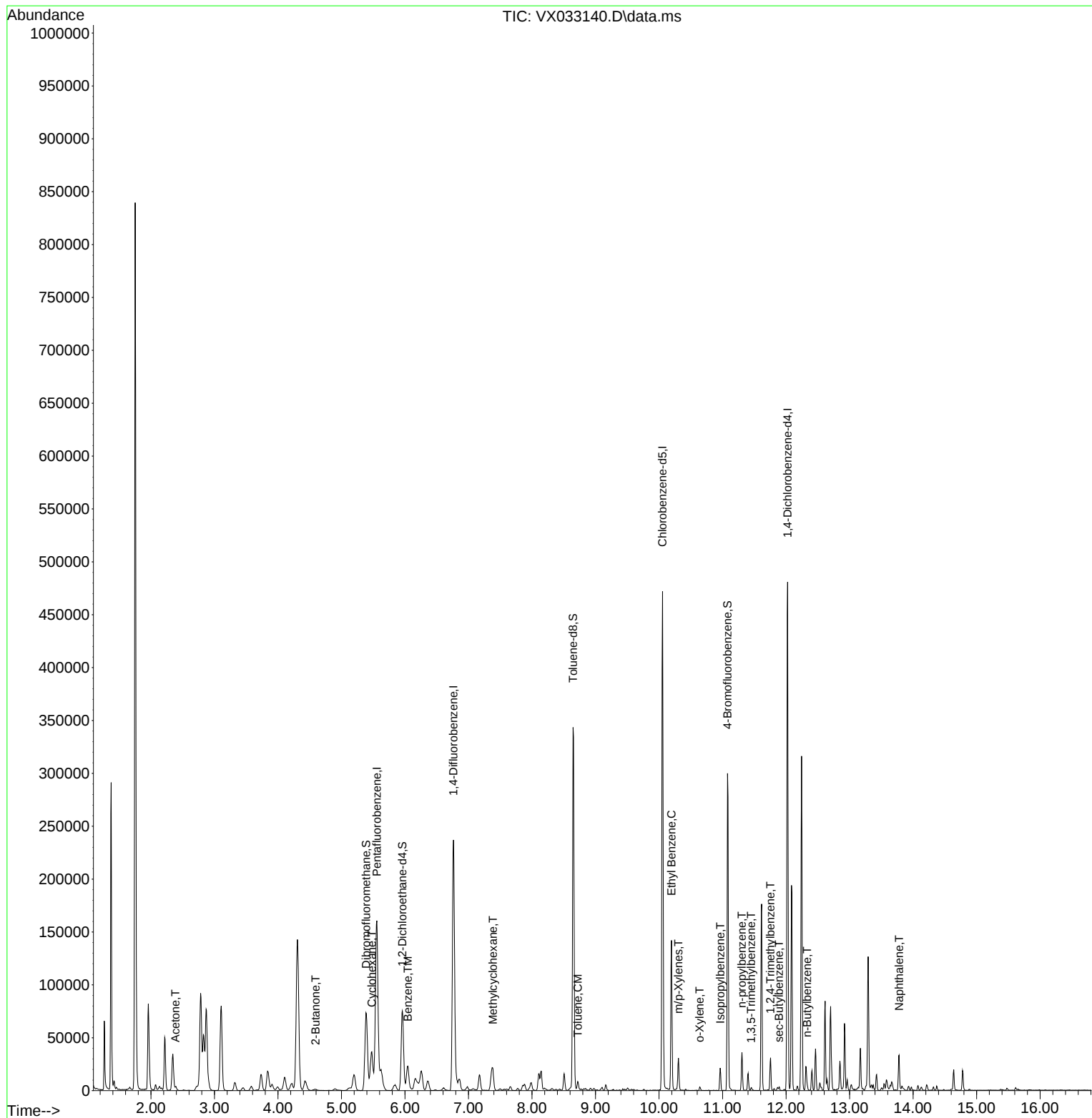
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113022\
Data File : VX033140.D
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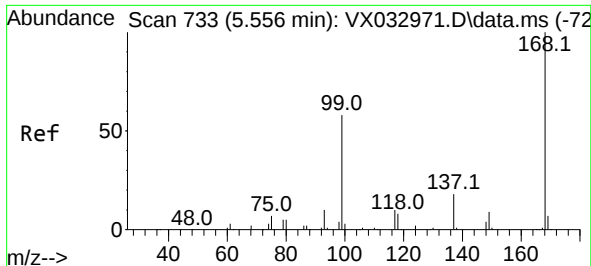
Instrument :
MSVOA_X
ClientSampleId :
MW-04

Quant Time: Dec 01 00:23:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
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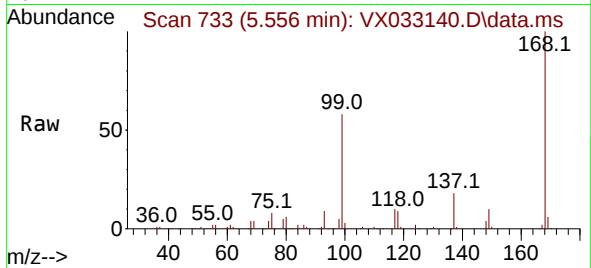
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24

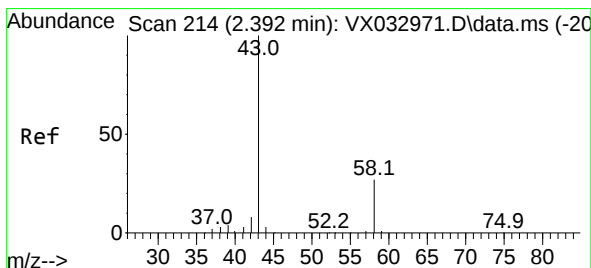
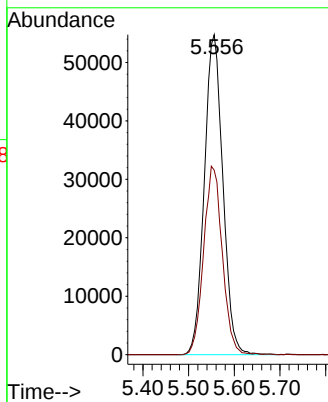
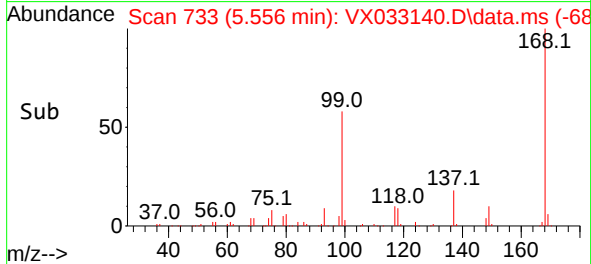
Instrument :
MSVOA_X
ClientSampleId :
MW-04



Tgt Ion:168 Resp: 15422
Ion Ratio Lower Upper
168 100
99 57.7 46.1 69.1

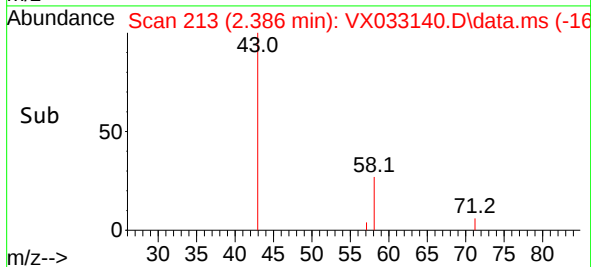
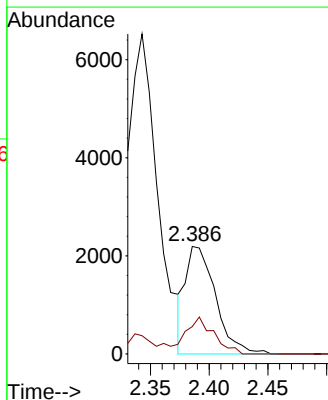
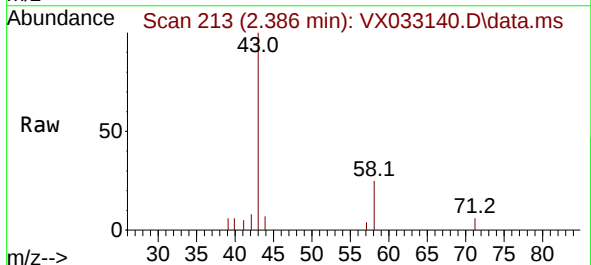
Manual Integrations
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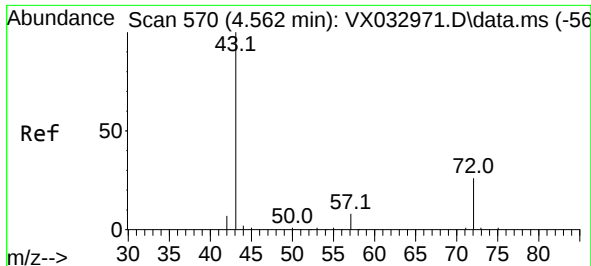
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#16
Acetone
Concen: 5.554 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24

Tgt Ion: 43 Resp: 3896
Ion Ratio Lower Upper
43 100
58 25.5 23.8 35.8





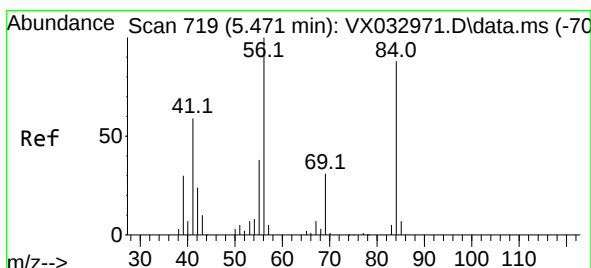
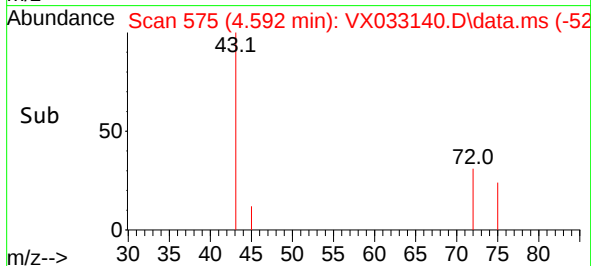
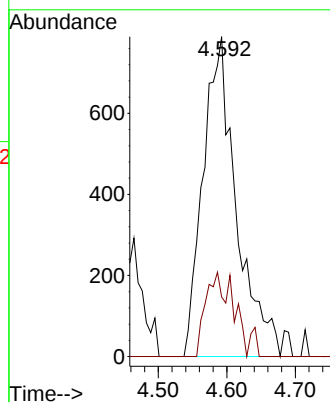
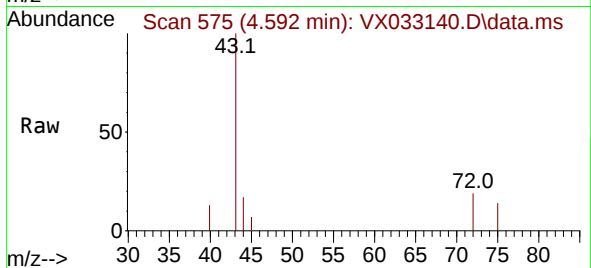
#25
2-Butanone
Concen: 2.753 ug/l
RT: 4.592 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24

Instrument :
MSVOA_X
ClientSampleId :
MW-04

Tgt Ion: 43 Resp: 266
Ion Ratio Lower Upper
43 100
72 18.6 22.2 33.2

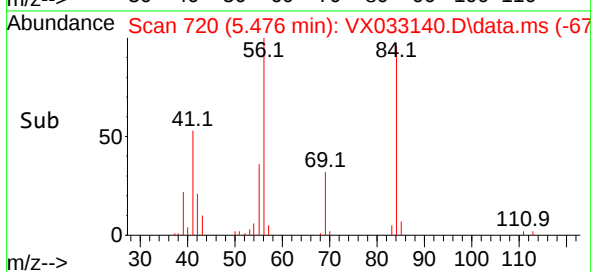
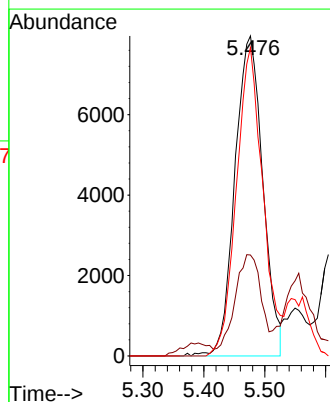
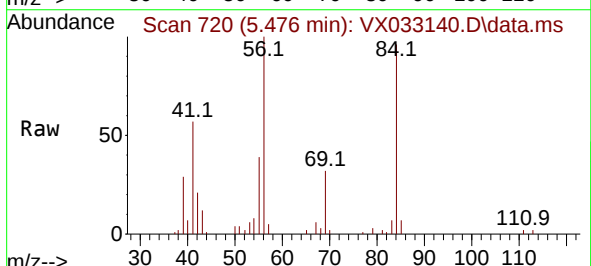
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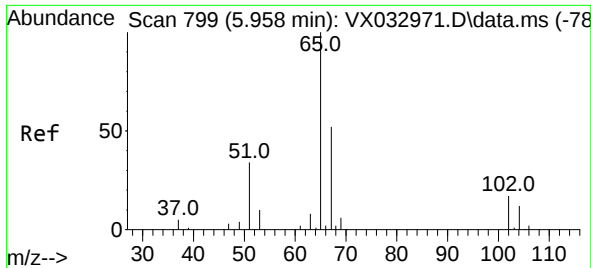
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#31
Cyclohexane
Concen: 10.380 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24

Tgt Ion: 56 Resp: 25261
Ion Ratio Lower Upper
56 100
69 29.0 24.1 36.1
84 96.4 66.9 100.3





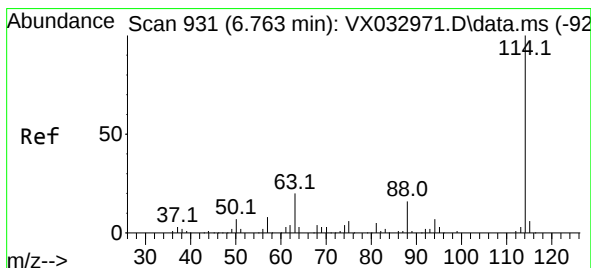
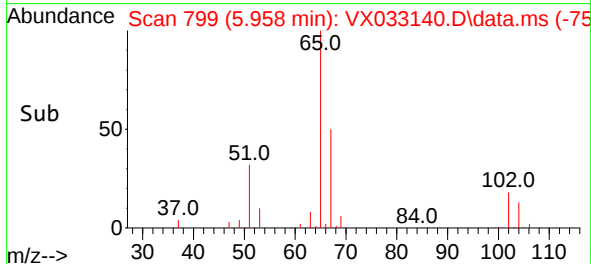
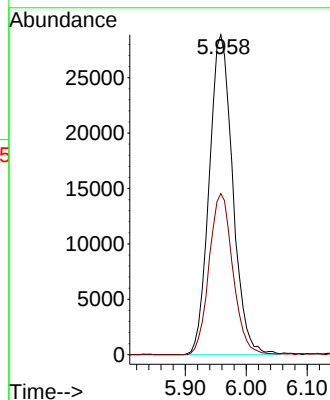
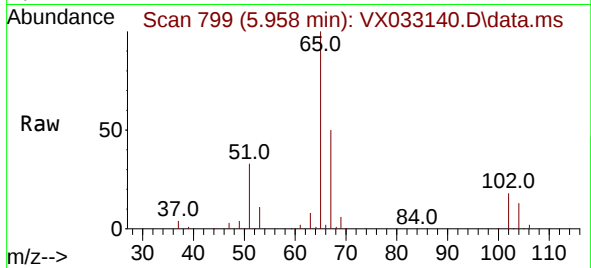
#33
1,2-Dichloroethane-d4
Concen: 51.404 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24

Instrument :
MSVOA_X
ClientSampleId :
MW-04

Tgt Ion: 65 Resp: 7733
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.8

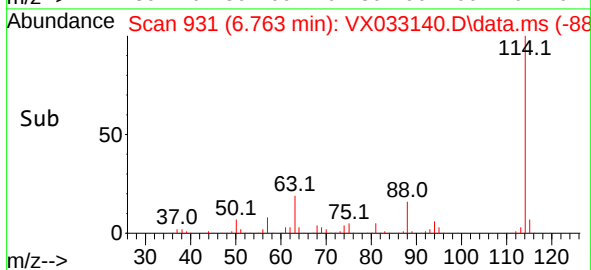
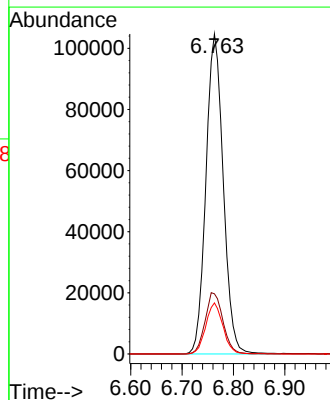
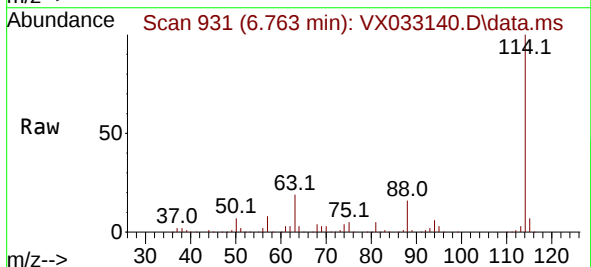
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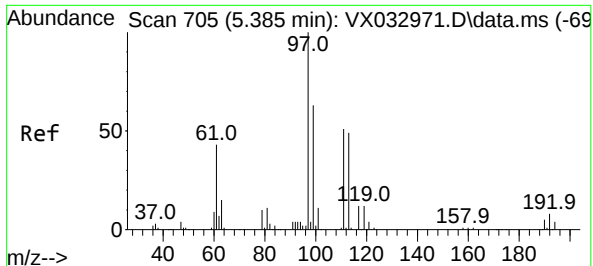
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24

Tgt Ion:114 Resp: 244812
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.6
88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.010 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033140.D

Acq: 30 Nov 2022 18:24

Instrument :

MSVOA_X

ClientSampleId :

MW-04

Tgt Ion:113 Resp: 6350

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

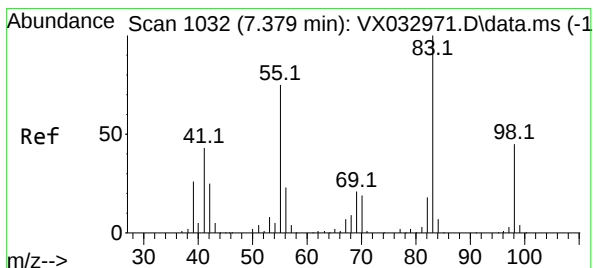
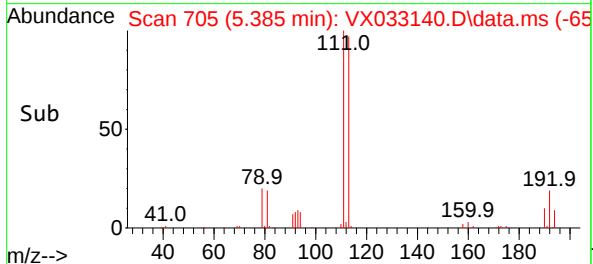
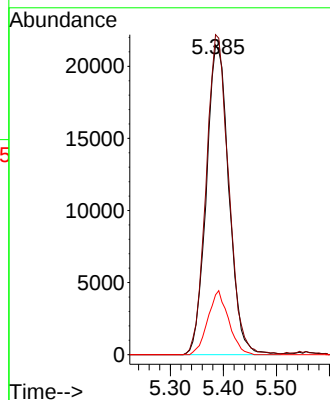
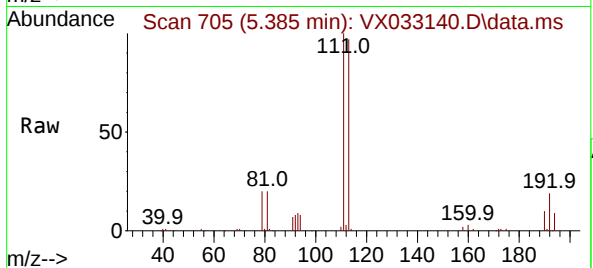
192 19.0 15.4 23.2

Manual Integrations

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Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#39

Methylcyclohexane

Concen: 3.650 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX033140.D

Acq: 30 Nov 2022 18:24

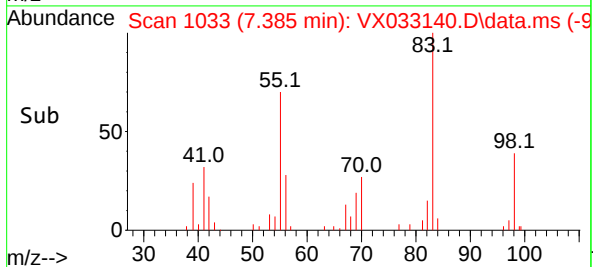
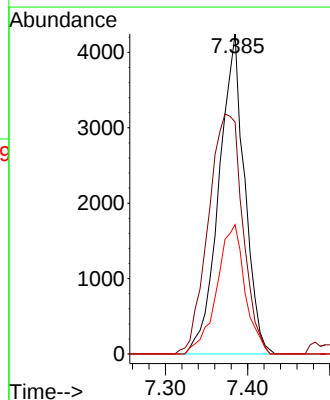
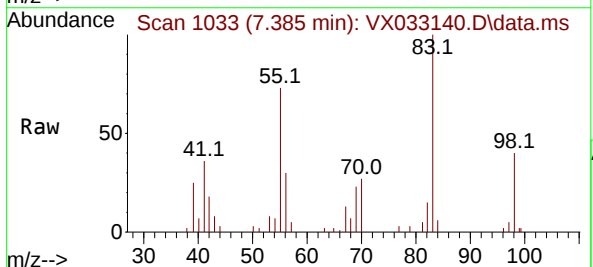
Tgt Ion: 83 Resp: 9191

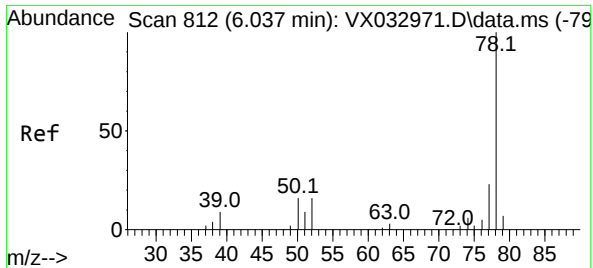
Ion Ratio Lower Upper

83 100

55 72.5 58.4 87.6

98 40.4 37.2 55.8





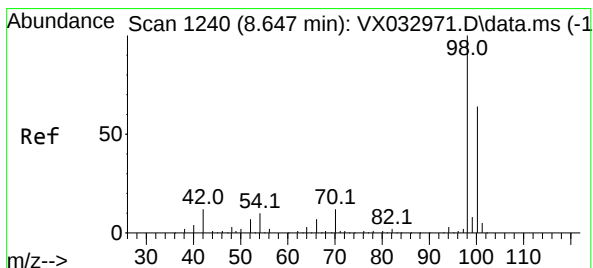
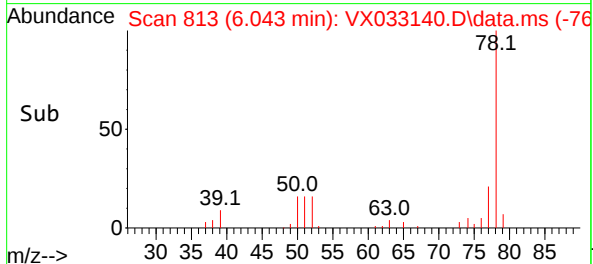
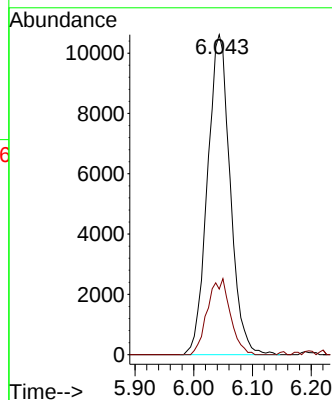
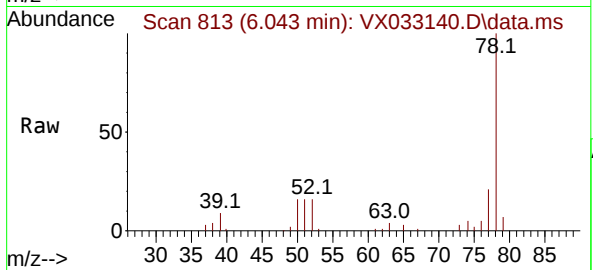
#40
Benzene
Concen: 4.601 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24

Instrument :
MSVOA_X
ClientSampleId :
MW-04

Tgt Ion: 78 Resp: 2846
Ion Ratio Lower Upper
78 100
77 20.5 19.0 28.4

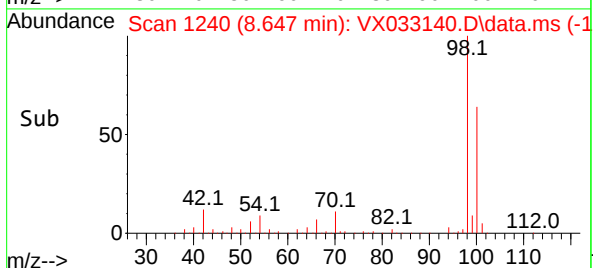
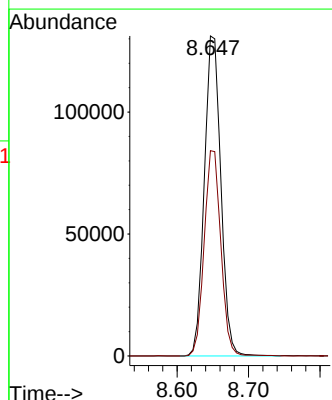
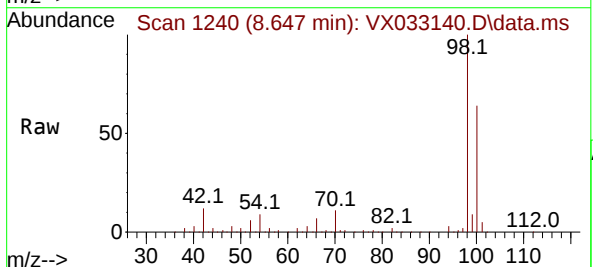
Manual Integrations
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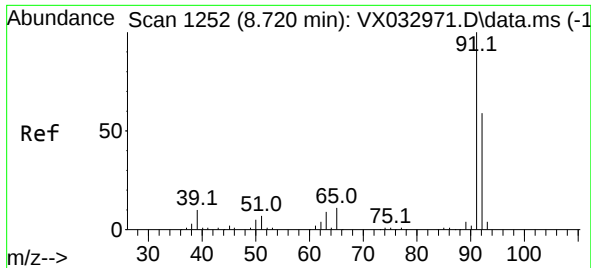
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#50
Toluene-d8
Concen: 50.808 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24

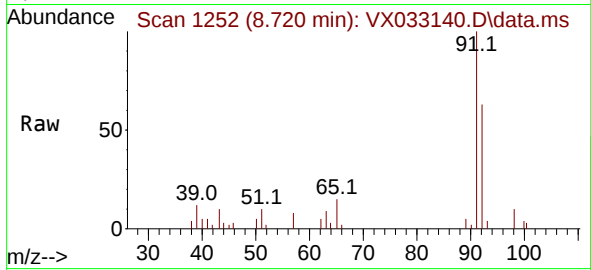
Tgt Ion: 98 Resp: 210844
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3





#52
Toluene
Concen: 0.728 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24

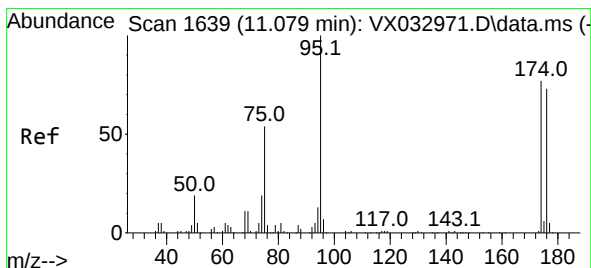
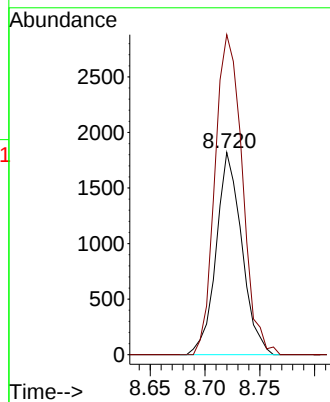
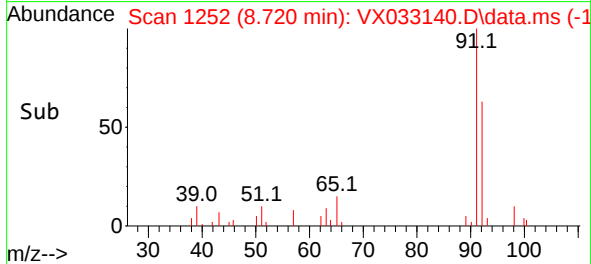
Instrument :
MSVOA_X
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MW-04



Tgt Ion: 92 Resp: 296
Ion Ratio Lower Upper
92 100
91 168.5 138.3 207.5

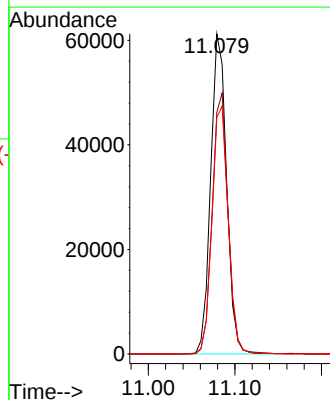
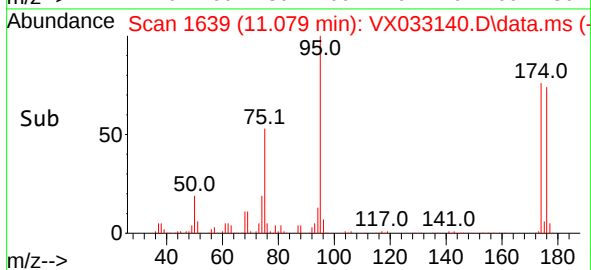
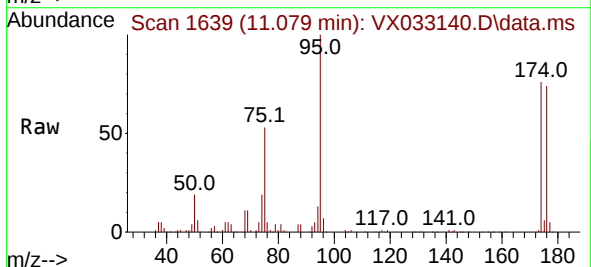
Manual Integrations
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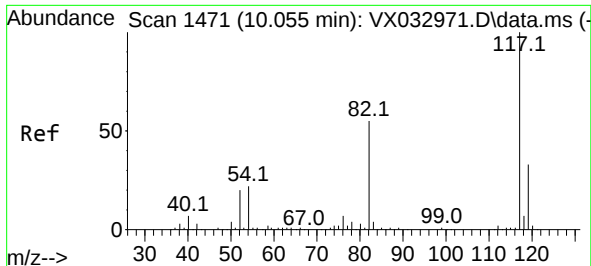
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#62
4-Bromofluorobenzene
Concen: 43.190 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24

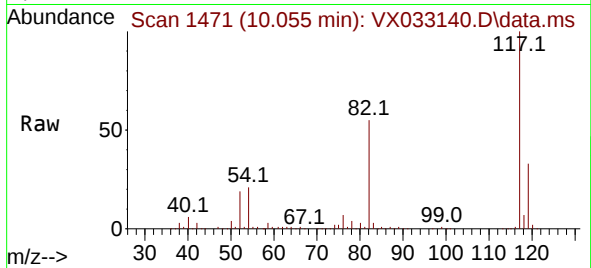
Tgt Ion: 95 Resp: 78303
Ion Ratio Lower Upper
95 100
174 80.7 0.0 164.0
176 78.8 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24

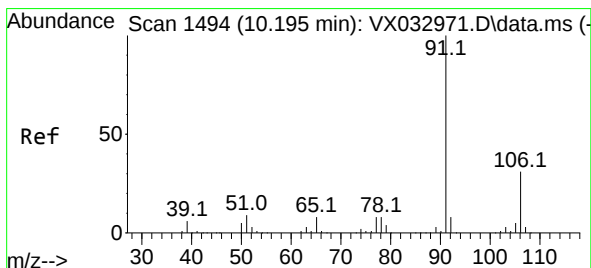
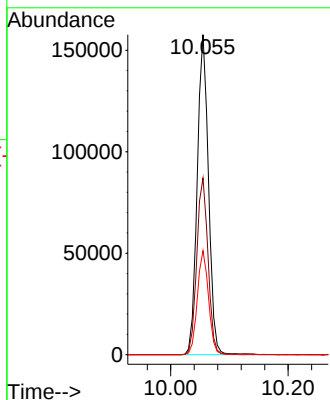
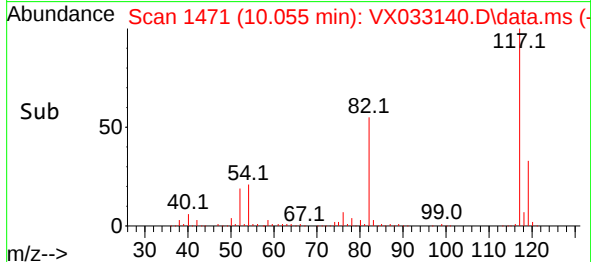
Instrument :
MSVOA_X
ClientSampleId :
MW-04



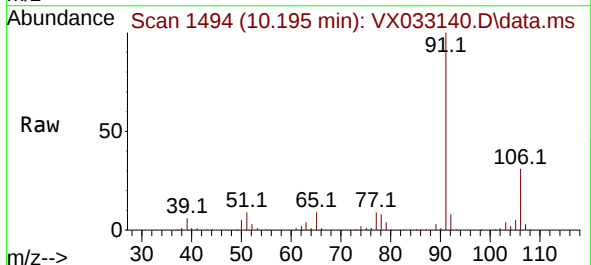
Tgt Ion:117 Resp: 209798
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.5 25.7 38.5

Manual Integrations
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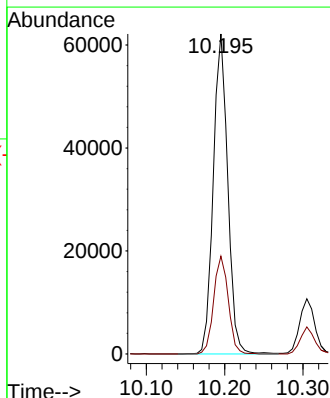
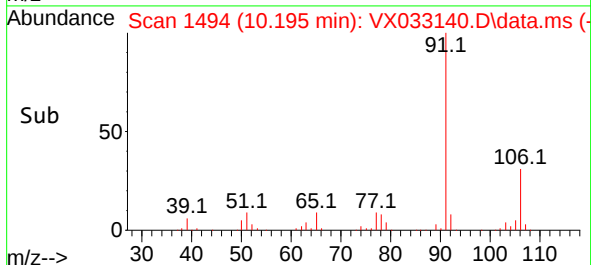
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

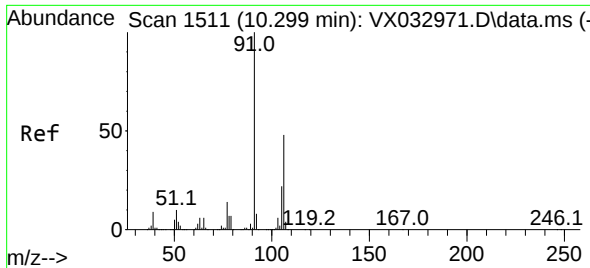


#67
Ethyl Benzene
Concen: 10.746 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24



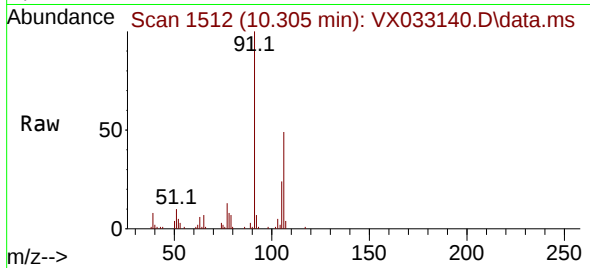
Tgt Ion: 91 Resp: 79733
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.6





#68
m/p-Xylenes
Concen: 2.286 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24

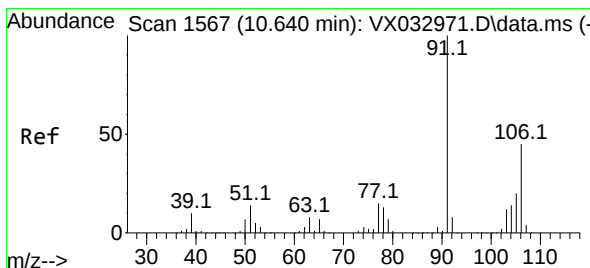
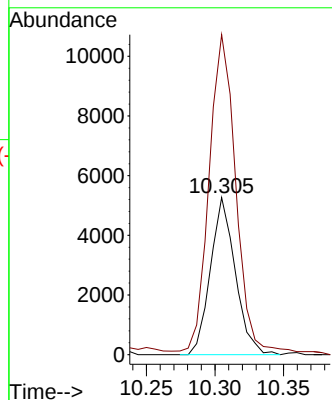
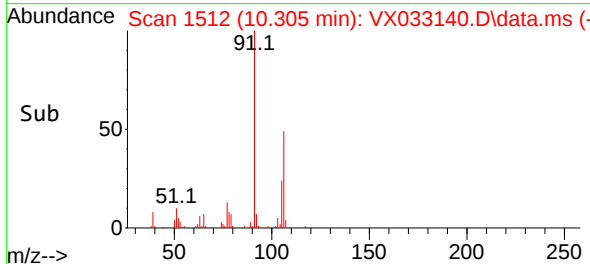
Instrument :
MSVOA_X
ClientSampleId :
MW-04



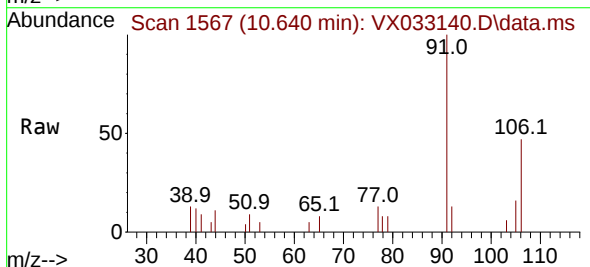
Tgt Ion:106 Resp: 664
Ion Ratio Lower Upper
106 100
91 223.2 164.5 246.7

Manual Integrations
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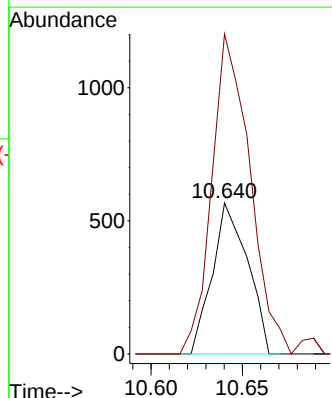
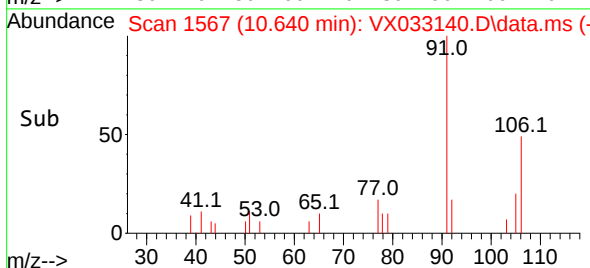
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

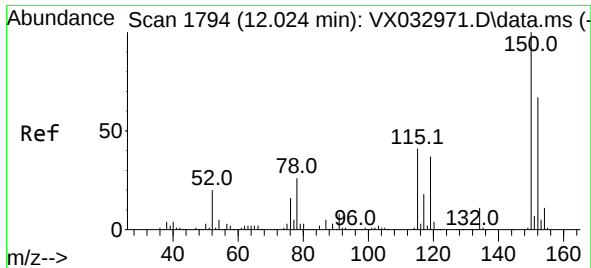


#69
o-Xylene
Concen: 0.271 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24



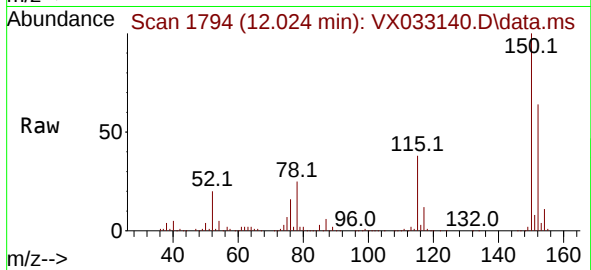
Tgt Ion:106 Resp: 763
Ion Ratio Lower Upper
106 100
91 228.6 109.2 327.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24

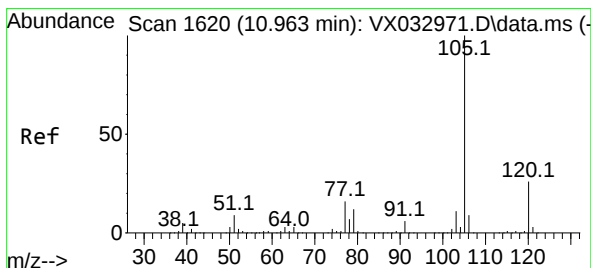
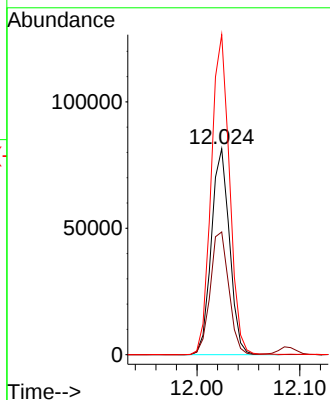
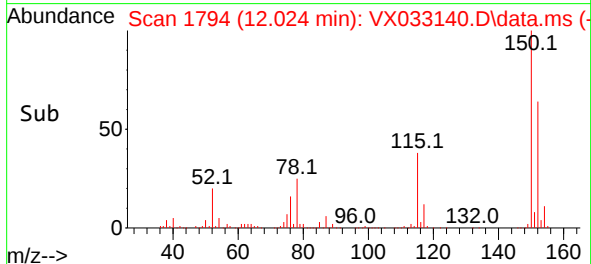
Instrument :
MSVOA_X
ClientSampleId :
MW-04



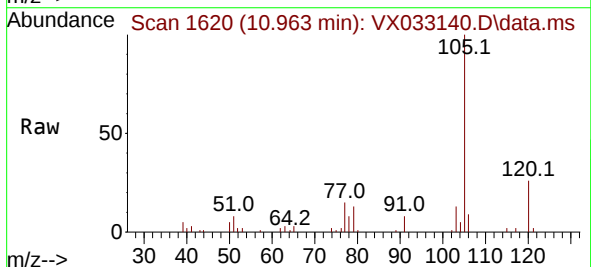
Tgt Ion:152 Resp: 9974
Ion Ratio Lower Upper
152 100
115 61.1 44.0 132.0
150 156.7 0.0 351.8

Manual Integrations
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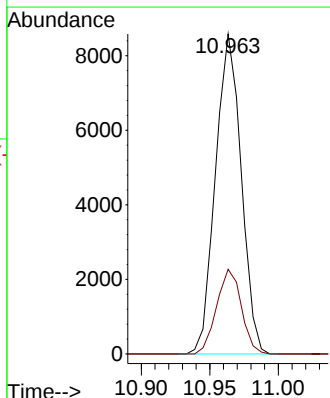
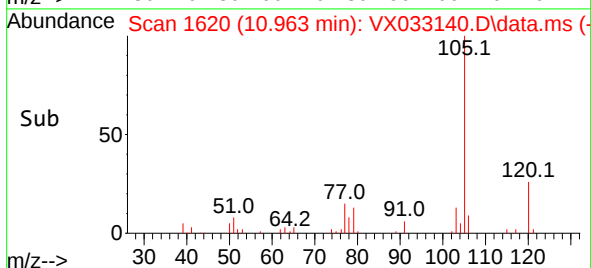
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

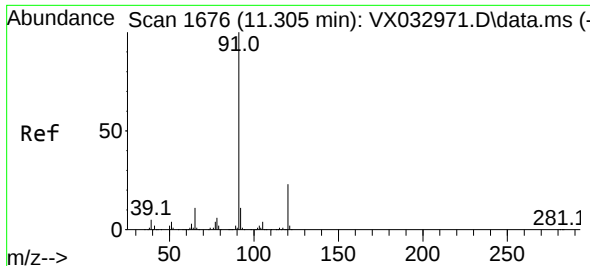


#73
Isopropylbenzene
Concen: 1.571 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24



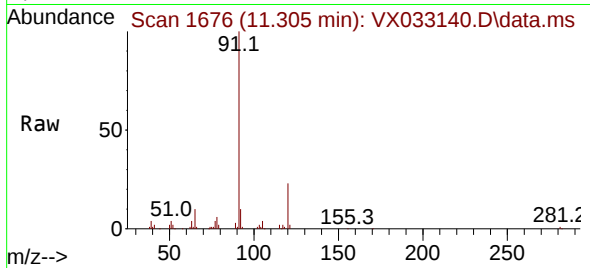
Tgt Ion:105 Resp: 11195
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.3





#78
n-propylbenzene
Concen: 2.660 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24

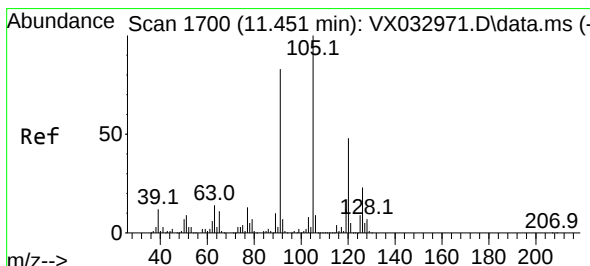
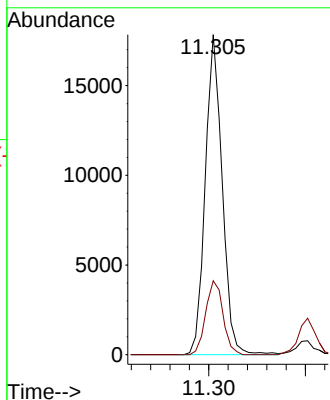
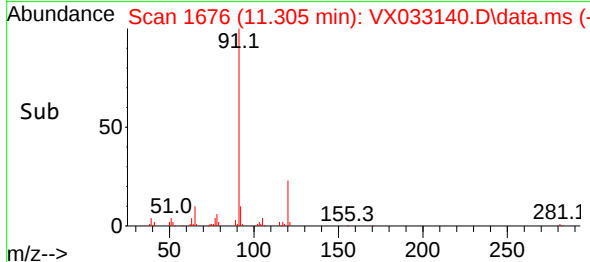
Instrument :
MSVOA_X
ClientSampleId :
MW-04



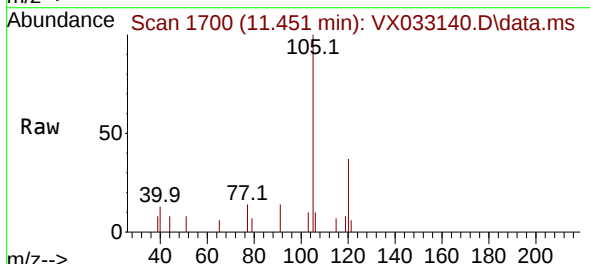
Tgt Ion: 91 Resp: 21679
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8

Manual Integrations
APPROVED

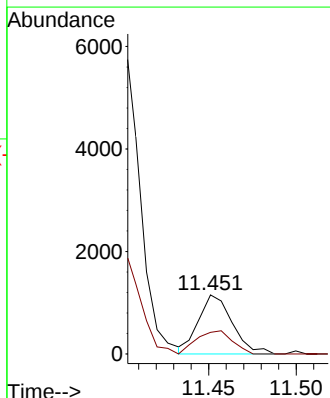
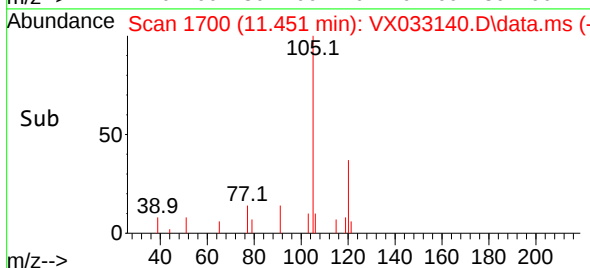
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

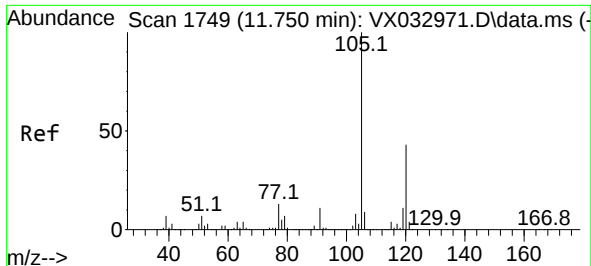


#80
1,3,5-Trimethylbenzene
Concen: 0.259 ug/l m
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24



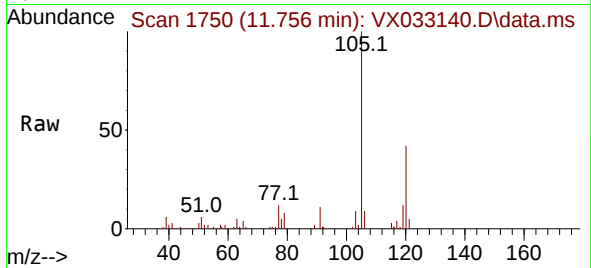
Tgt Ion:105 Resp: 1550
Ion Ratio Lower Upper
105 100
120 163.0 23.6 71.0#





#84
1,2,4-Trimethylbenzene
Concen: 2.289 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24

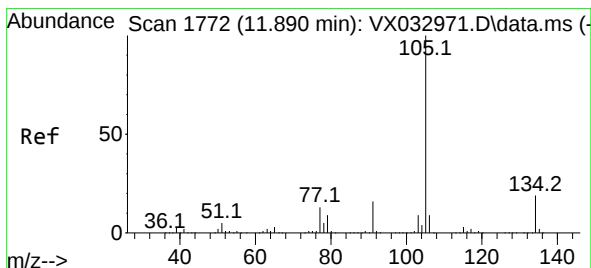
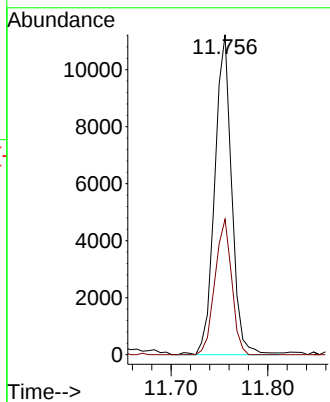
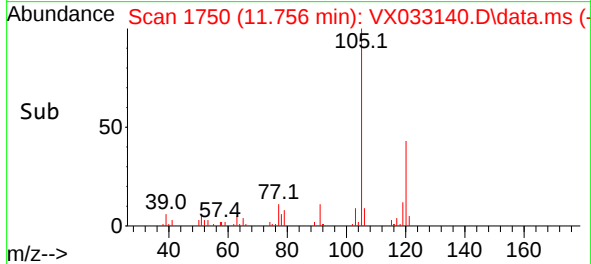
Instrument :
MSVOA_X
ClientSampleId :
MW-04



Tgt Ion:105 Resp: 1366
Ion Ratio Lower Upper
105 100
120 41.6 21.9 65.5

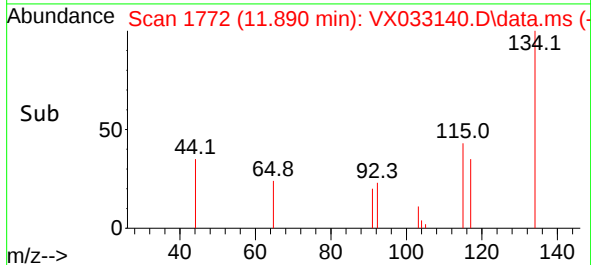
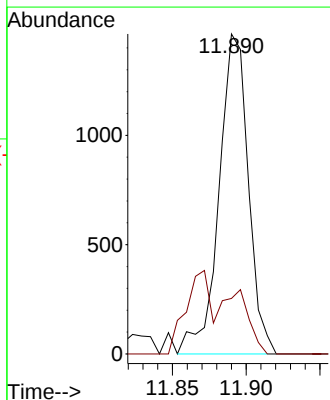
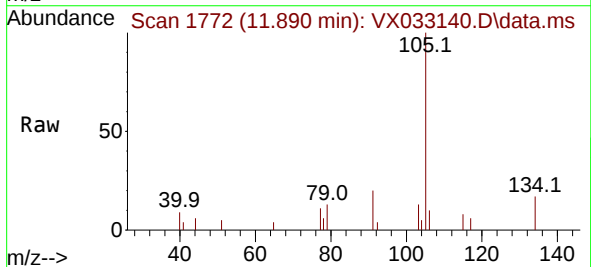
Manual Integrations
APPROVED

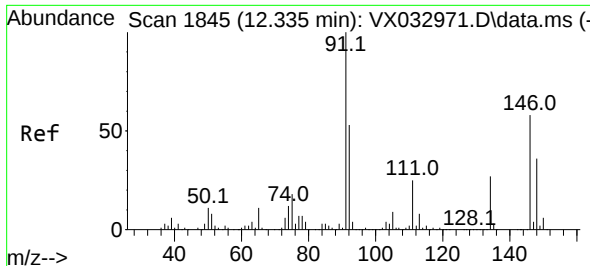
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#85
sec-Butylbenzene
Concen: 0.284 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24

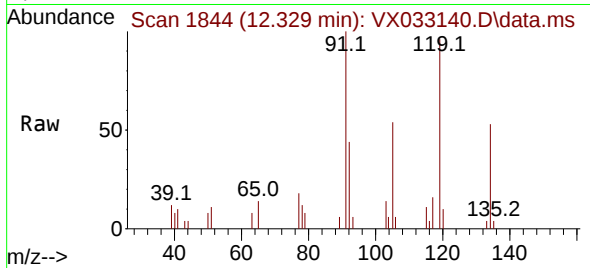
Tgt Ion:105 Resp: 2023
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#





#89
n-Butylbenzene
Concen: 0.323 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24

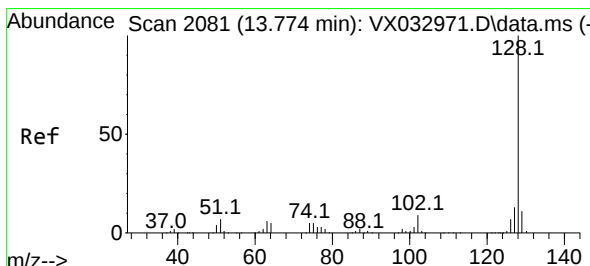
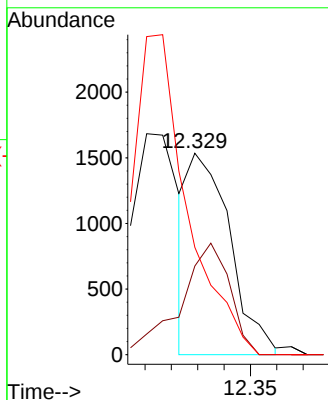
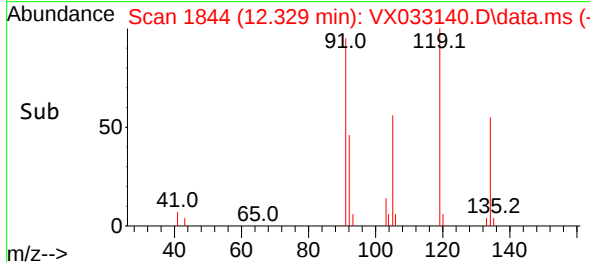
Instrument :
MSVOA_X
ClientSampleId :
MW-04



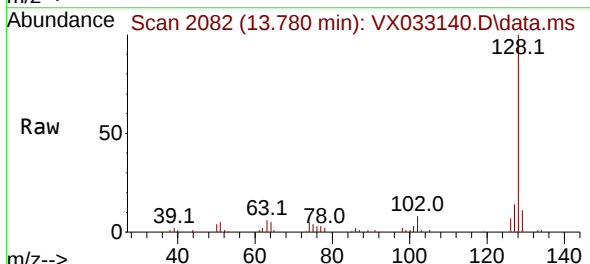
Tgt Ion: 91 Resp: 1683
Ion Ratio Lower Upper
91 100
92 0.0 26.2 78.6
134 208.7 12.9 38.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#95
Naphthalene
Concen: 3.447 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX033140.D
Acq: 30 Nov 2022 18:24



Tgt Ion:128 Resp: 21983
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.9 13.3

