

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028858.D
 Acq On : 20 May 2022 18:06
 Operator : JC/MD
 Sample : N2943-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

Quant Time: May 20 23:32:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/23/2022
 Supervised By :Semsettin Yesilyurt 05/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	243434	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	424368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164715	49.361	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.720%		
35) Dibromofluoromethane	5.391	113	135864	48.865	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.720%		
50) Toluene-d8	8.653	98	500106	47.708	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.420%		
62) 4-Bromofluorobenzene	11.085	95	170959	43.664	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.320%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	40584	50.956	ug/l	100
16) Acetone	2.380	43	4919	3.435	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	54246	6.067	ug/l #	5
22) Diisopropyl ether	3.757	45	6964	0.806	ug/l #	88
31) Cyclohexane	5.477	56	87079	18.800	ug/l	99
39) Methylcyclohexane	7.385	83	29186	6.094	ug/l	90
40) Benzene	6.044	78	255158	21.260	ug/l	99
52) Toluene	8.720	92	3621	0.469	ug/l	86
67) Ethyl Benzene	10.195	91	110856	7.826	ug/l	98
68) m/p-Xylenes	10.305	106	4073	0.739	ug/l	87
73) Isopropylbenzene	10.964	105	100831	6.755	ug/l	98
78) n-propylbenzene	11.305	91	152273	8.819	ug/l	99
83) tert-Butylbenzene	11.713	119	4383	0.364	ug/l	81
84) 1,2,4-Trimethylbenzene	11.756	105	12083	0.969	ug/l	99
85) sec-Butylbenzene	11.890	105	24213	1.630	ug/l	99
89) n-Butylbenzene	12.335	91	7683m	0.711	ug/l	
95) Naphthalene	13.774	128	113099	8.086	ug/l	99

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

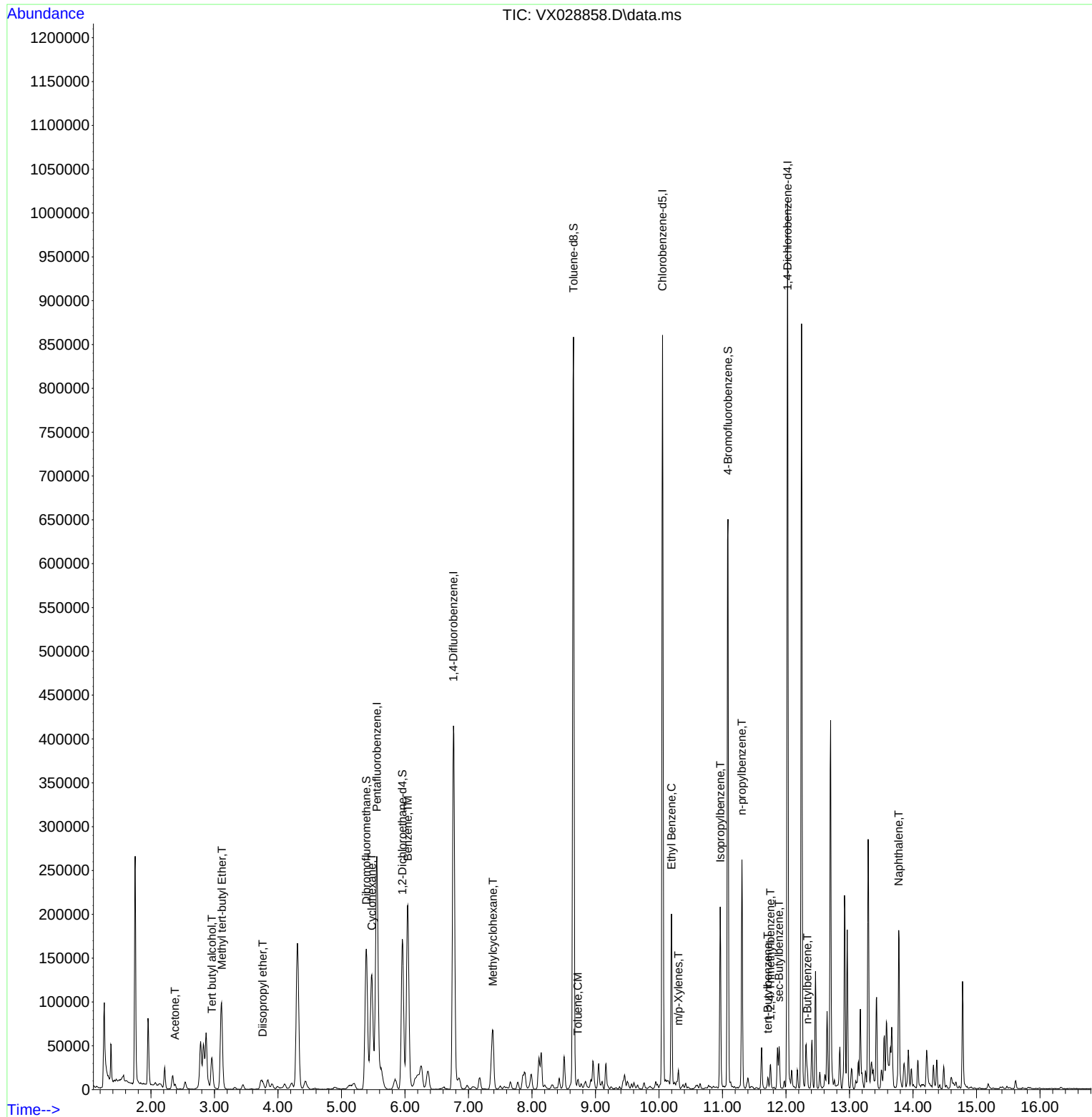
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
Data File : VX028858.D
Acq On : 20 May 2022 18:06
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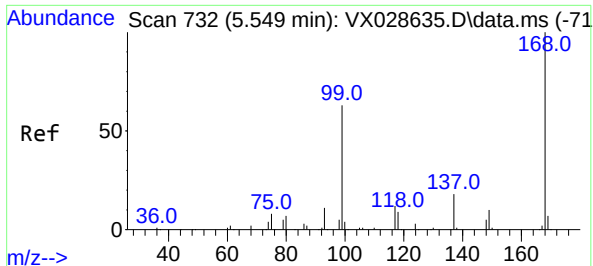
Instrument :
MSVOA_X
ClientSampleId :
MW-22

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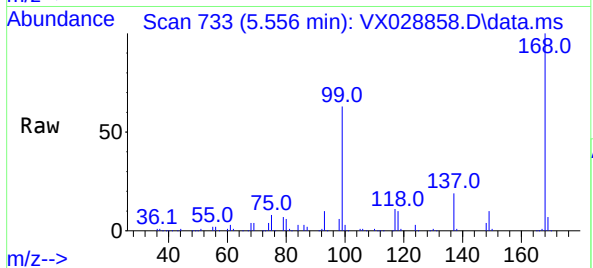
Quant Time: May 20 23:32:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 732
Delta R.T. 0.007 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06

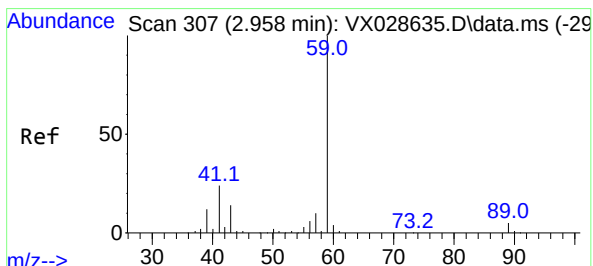
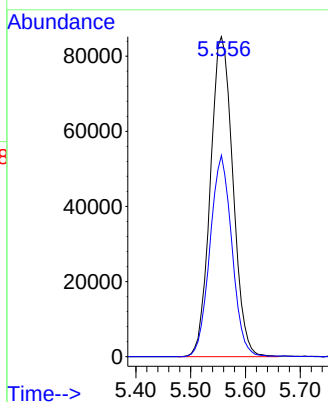
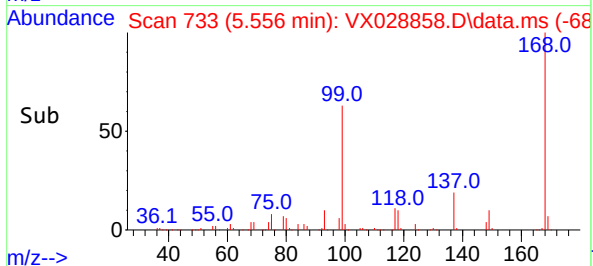
Instrument :
MSVOA_X
ClientSampleId :
MW-22



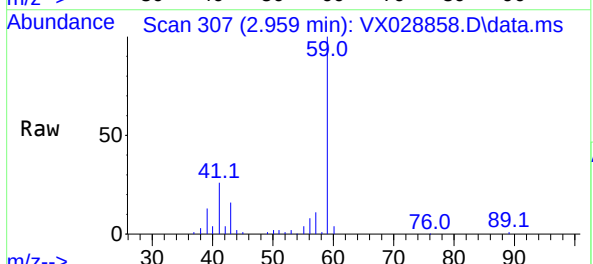
Tgt Ion:168 Resp: 243434
Ion Ratio Lower Upper
168 100
99 62.9 41.7 62.5

Manual Integrations
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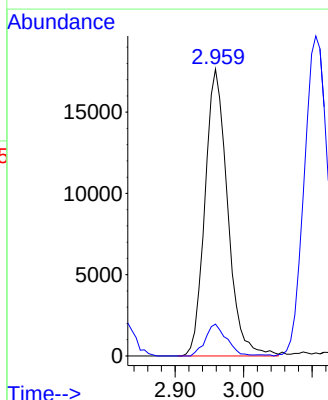
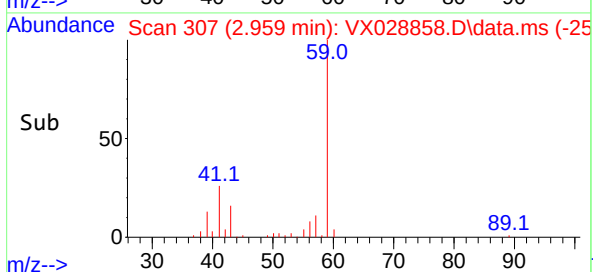
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022

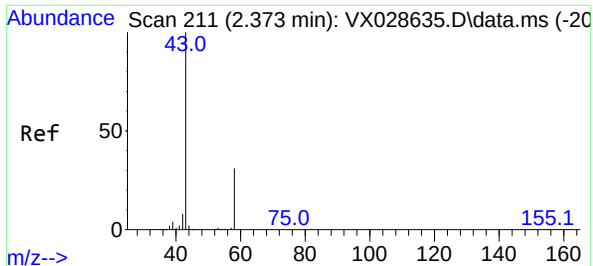


#11
Tert butyl alcohol
Concen: 50.956 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06



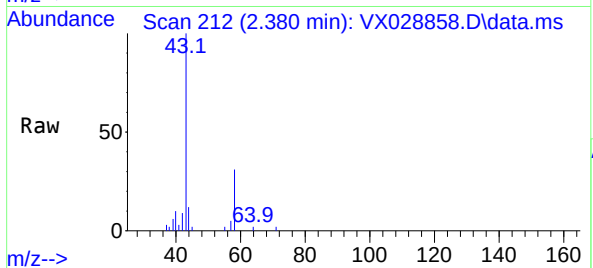
Tgt Ion: 59 Resp: 40584
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5





#16
Acetone
Concen: 3.435 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06

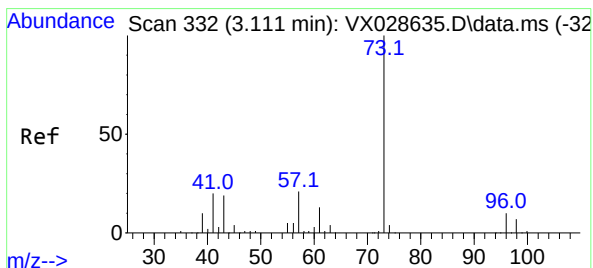
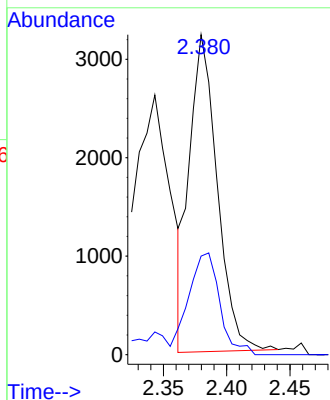
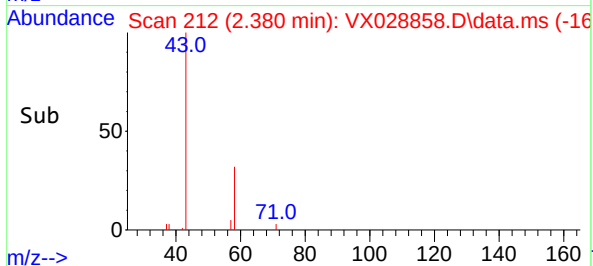
Instrument :
MSVOA_X
ClientSampleId :
MW-22



Tgt Ion: 43 Resp: 4919
Ion Ratio Lower Upper
43 100
58 31.3 28.8 43.2

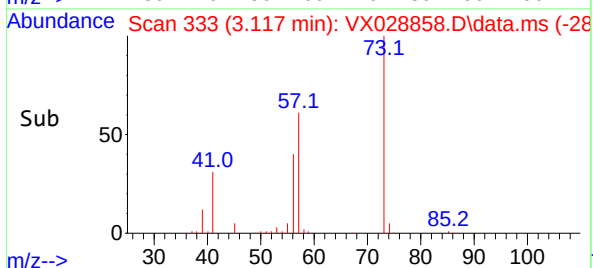
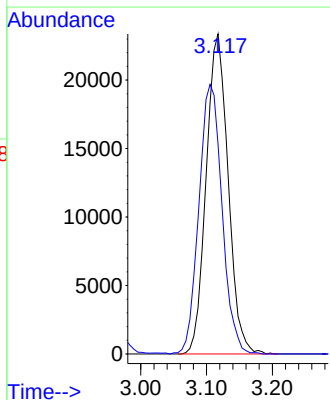
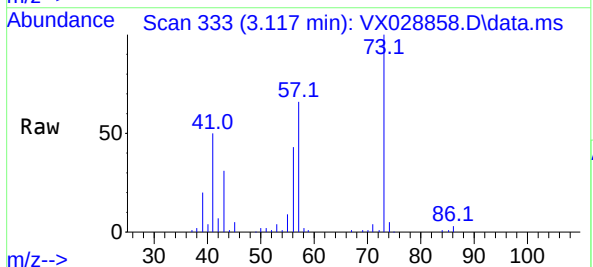
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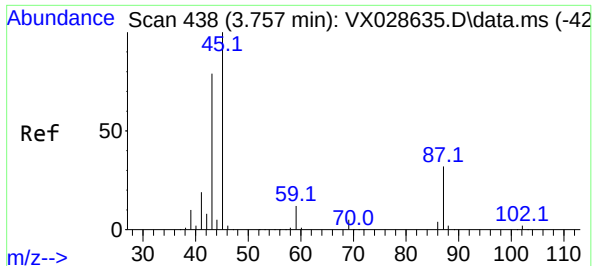
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022



#19
Methyl tert-butyl Ether
Concen: 6.067 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06

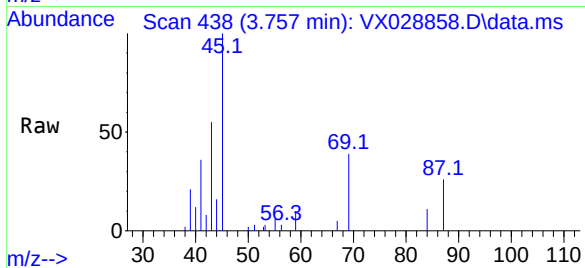
Tgt Ion: 73 Resp: 54246
Ion Ratio Lower Upper
73 100
57 65.6 16.8 25.2#





#22
Diisopropyl ether
Concen: 0.806 ug/l
RT: 3.757 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06

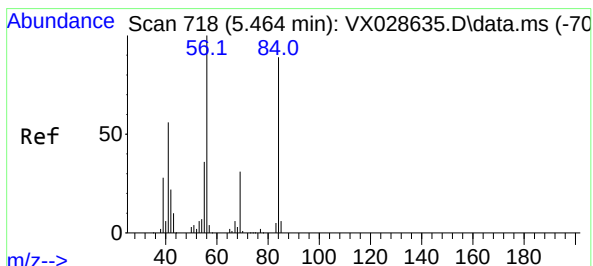
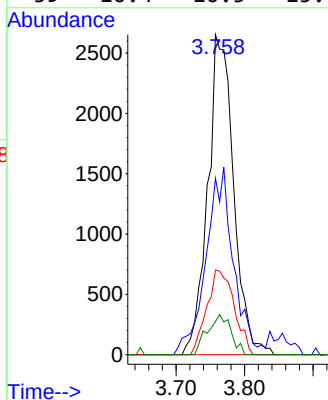
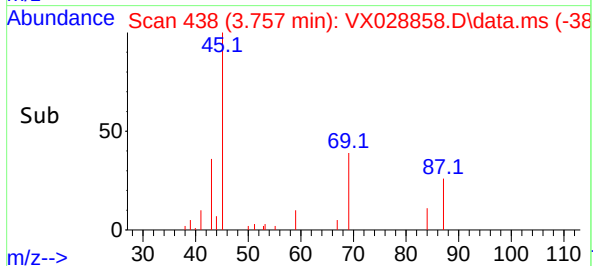
Instrument :
MSVOA_X
ClientSampleId :
MW-22



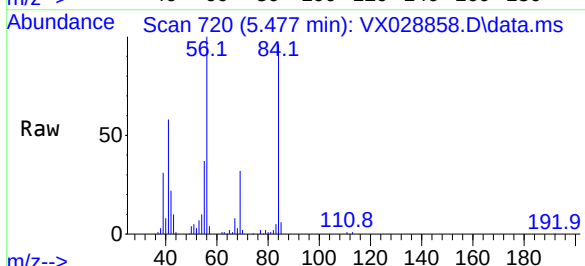
Tgt Ion: 45 Resp: 6964
Ion Ratio Lower Upper
45 100
43 52.9 50.8 76.2
87 26.5 26.6 39.8
59 10.4 10.5 15.7#

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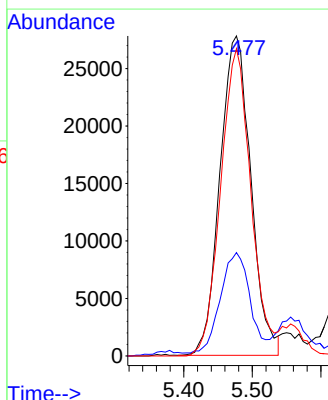
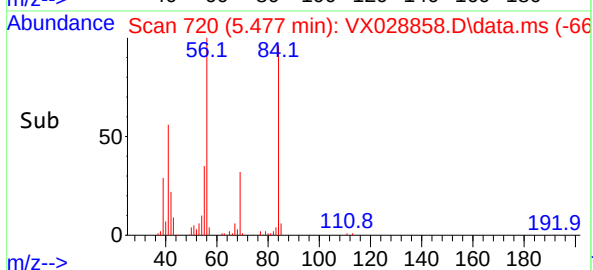
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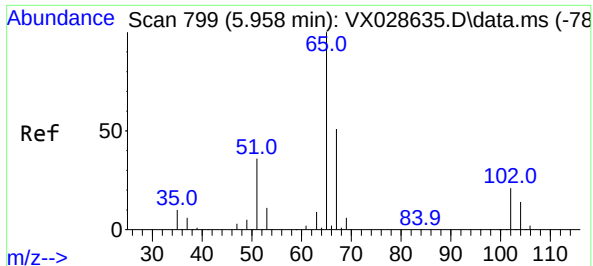


#31
Cyclohexane
Concen: 18.800 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.013 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06



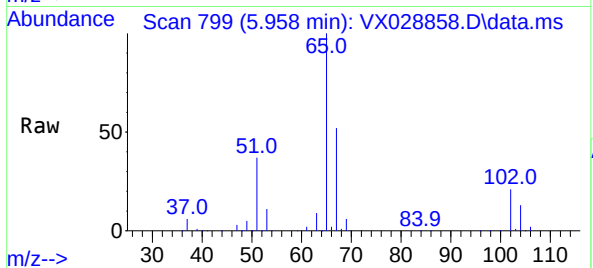
Tgt Ion: 56 Resp: 87079
Ion Ratio Lower Upper
56 100
69 31.3 26.7 40.1
84 96.2 77.2 115.8





#33
1,2-Dichloroethane-d4
Concen: 49.361 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06

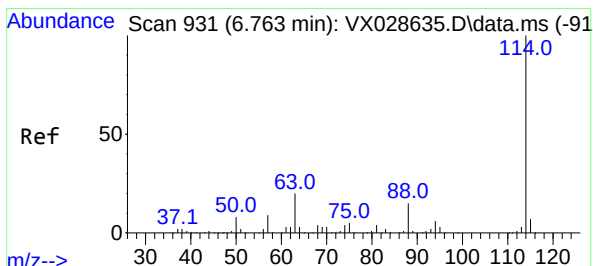
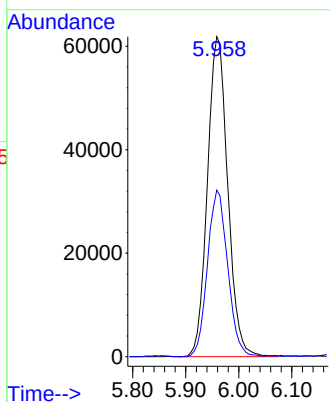
Instrument :
MSVOA_X
Client Sample Id :
MW-22



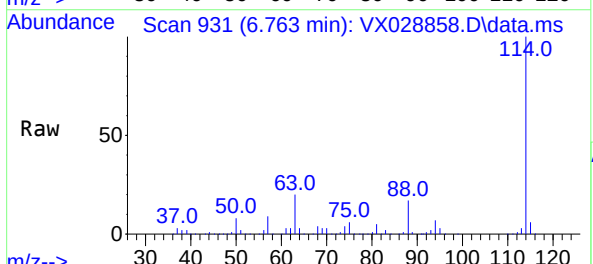
Tgt Ion: 65 Resp: 164715
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

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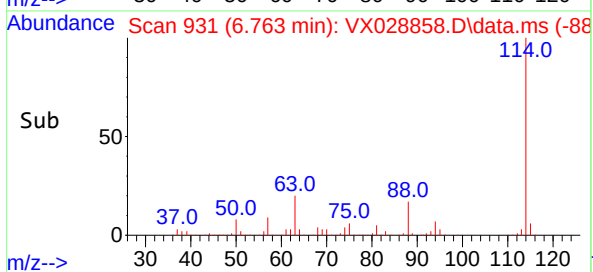
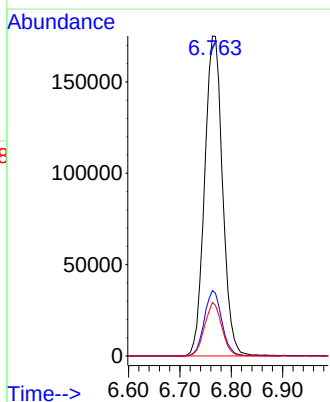
Reviewed By :Mahesh Dadoda 05/23/2022
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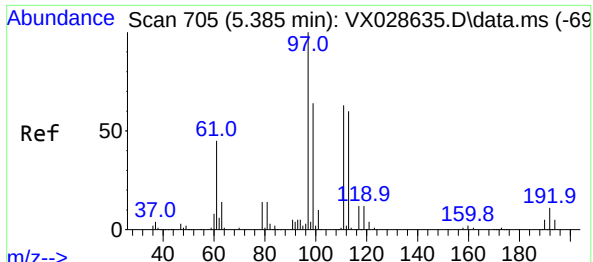


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06



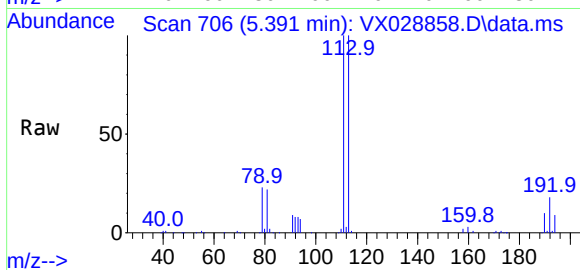
Tgt Ion:114 Resp: 424368
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.8
88 16.7 0.0 32.4





#35
Dibromofluoromethane
Concen: 48.865 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06

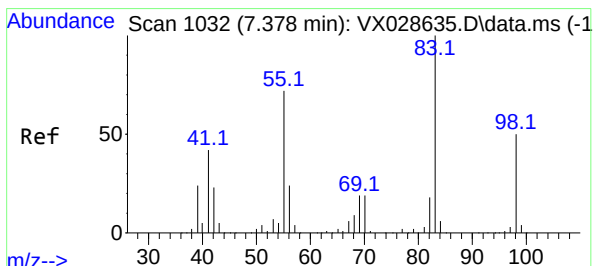
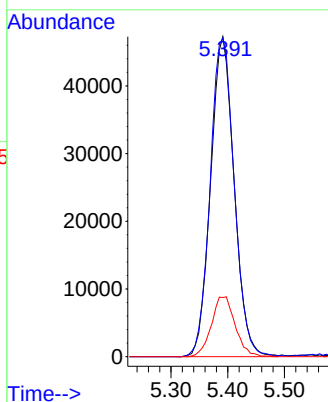
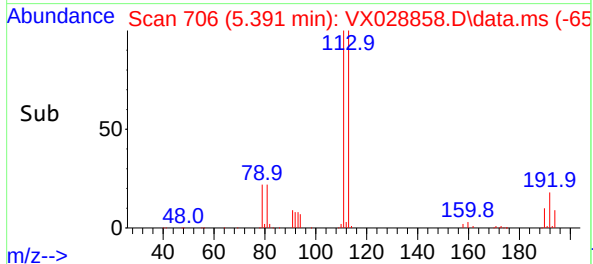
Instrument :
MSVOA_X
ClientSampleId :
MW-22



Tgt Ion: 113 Resp: 135864
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 19.0 16.9 25.3

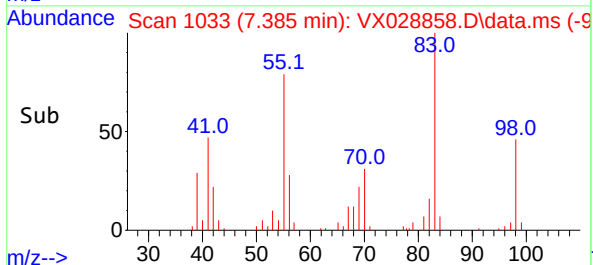
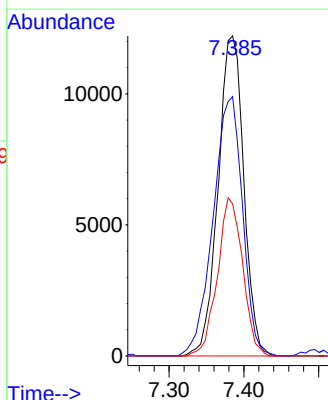
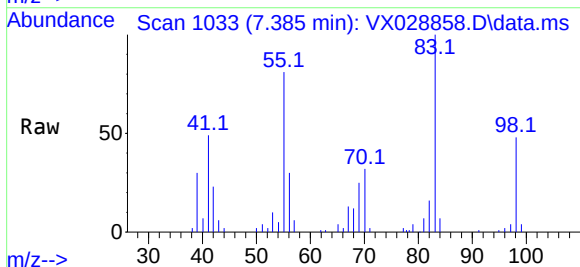
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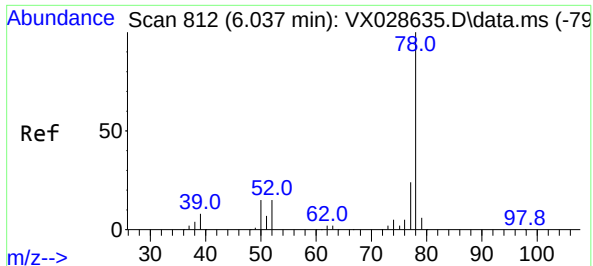
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022



#39
Methylcyclohexane
Concen: 6.094 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06

Tgt Ion: 83 Resp: 29186
Ion Ratio Lower Upper
83 100
55 81.0 54.6 81.8
98 47.6 37.4 56.2





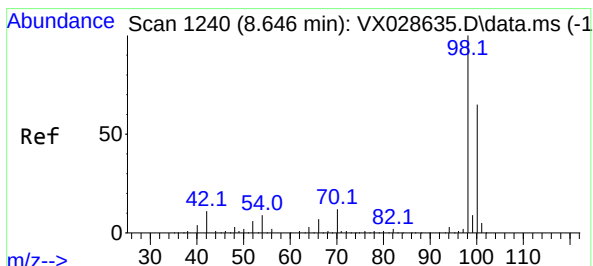
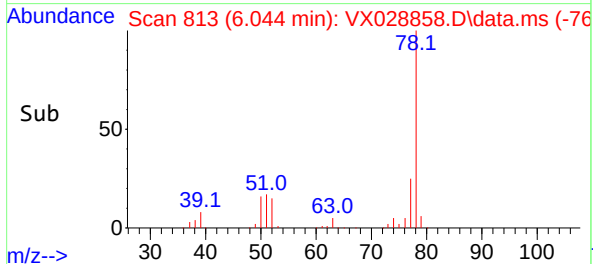
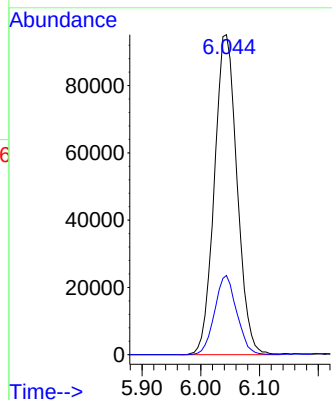
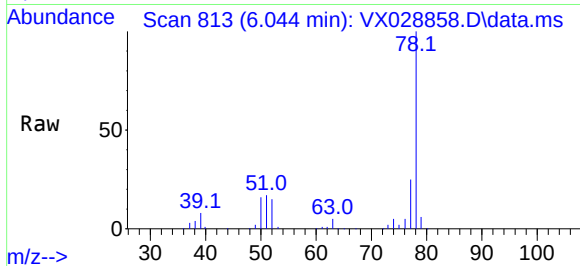
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Benzene
Concen: 21.260 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :
MW-22

Tgt Ion: 78 Resp: 255158
Ion Ratio Lower Upper
78 100
77 24.8 19.3 28.9

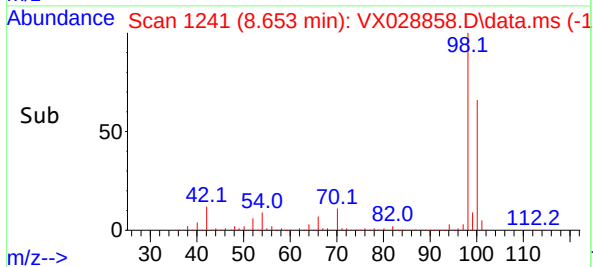
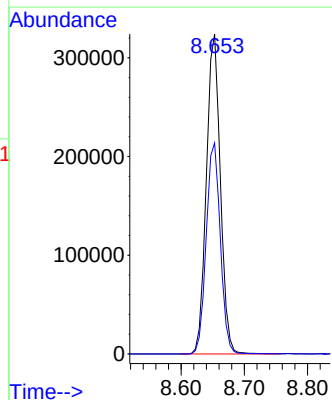
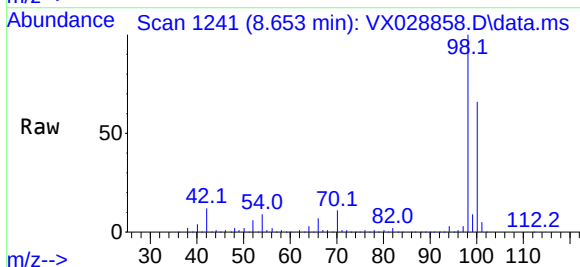
Manual Integrations
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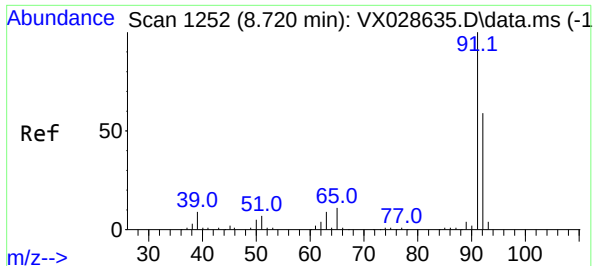
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022



#50
Toluene-d8
Concen: 47.708 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06

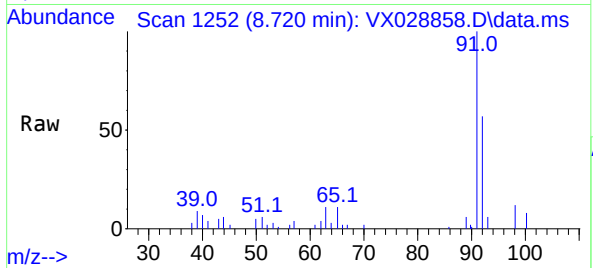
Tgt Ion: 98 Resp: 500106
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8





#52
Toluene
Concen: 0.469 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06

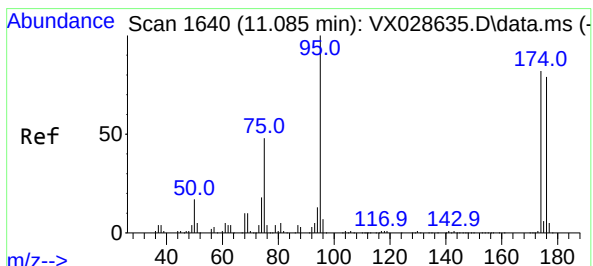
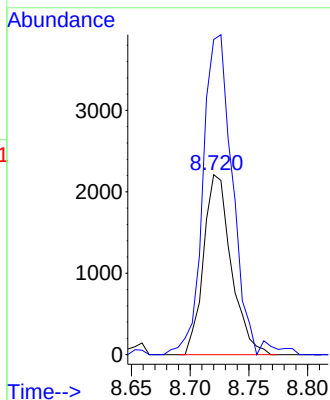
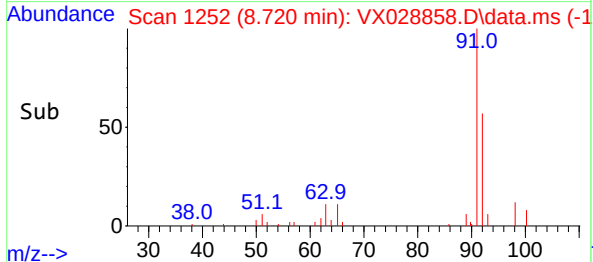
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ClientSampleId :
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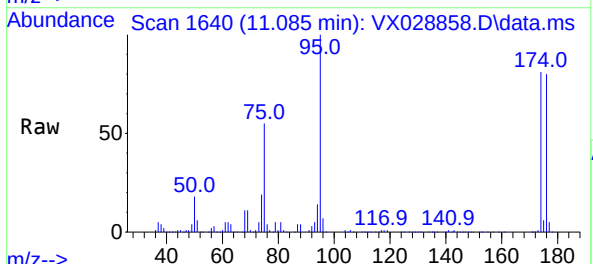
Tgt Ion: 92 Resp: 362
Ion Ratio Lower Upper
92 100
91 191.8 137.5 206.3

Manual Integrations
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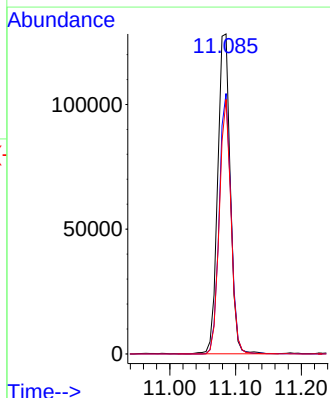
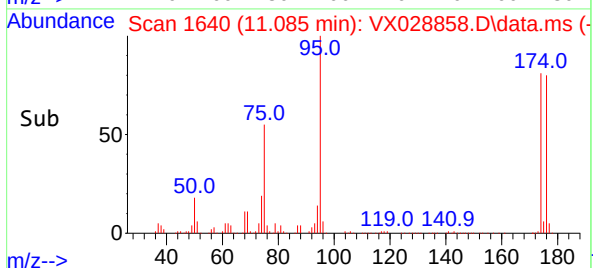
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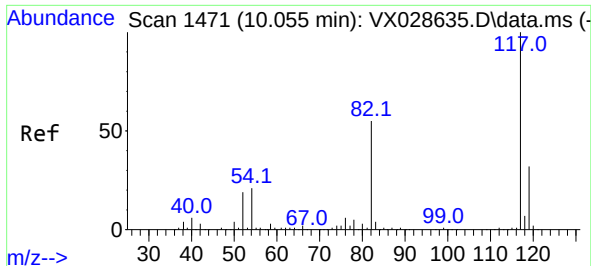


#62
4-Bromofluorobenzene
Concen: 43.664 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06



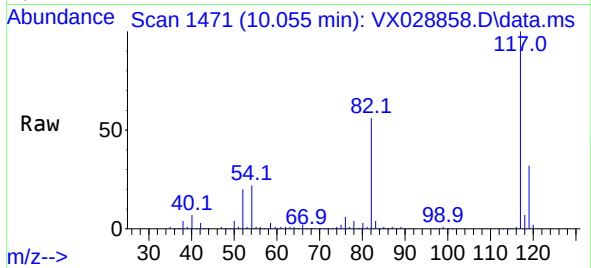
Tgt Ion: 95 Resp: 170959
Ion Ratio Lower Upper
95 100
174 76.3 0.0 163.0
176 73.6 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06

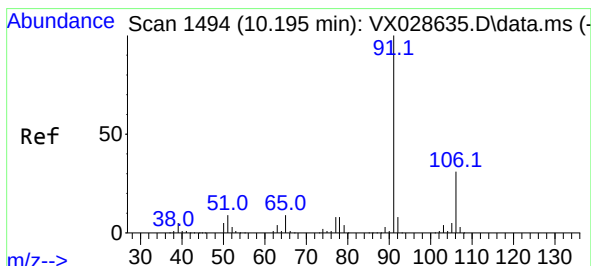
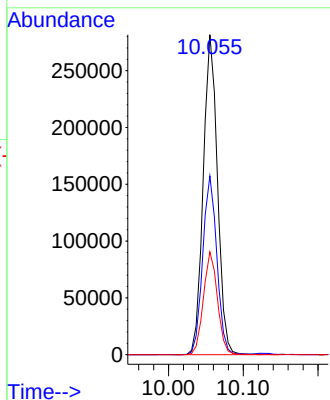
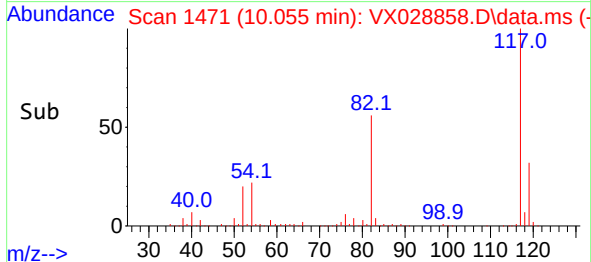
Instrument :
MSVOA_X
ClientSampleId :
MW-22



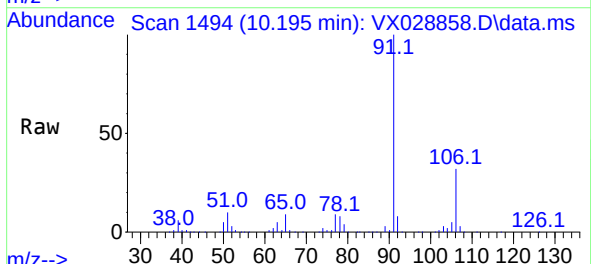
Tgt Ion:117 Resp: 37252
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 32.2 24.8 37.2

Manual Integrations
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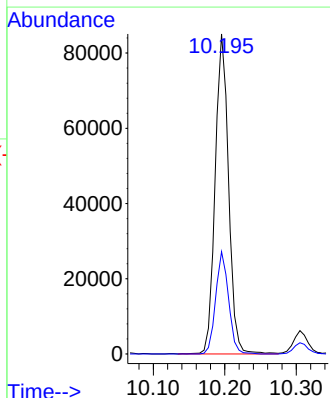
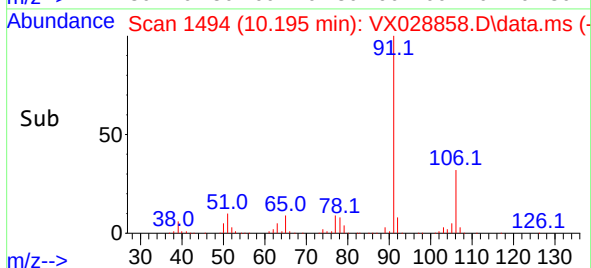
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022

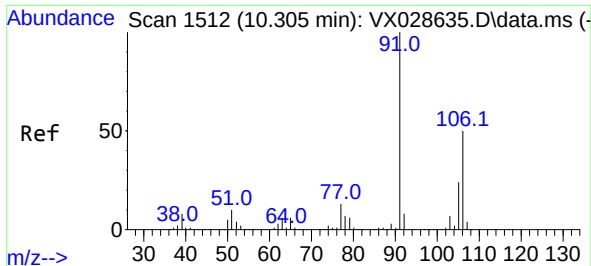


#67
Ethyl Benzene
Concen: 7.826 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06



Tgt Ion: 91 Resp: 110856
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8





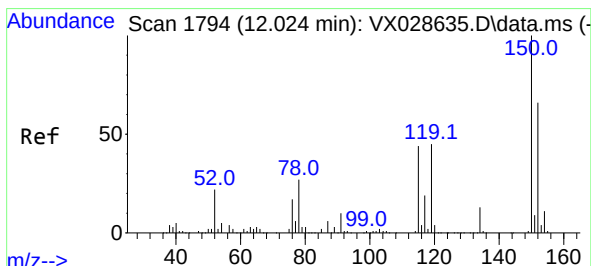
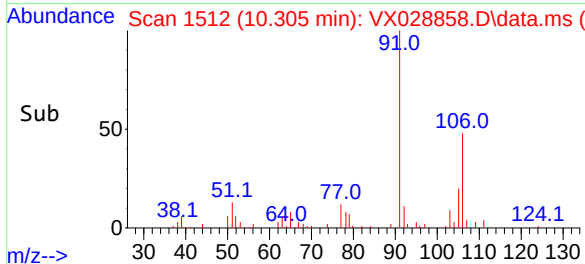
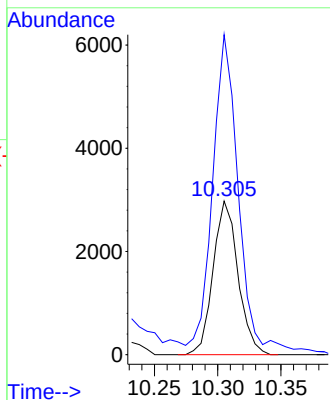
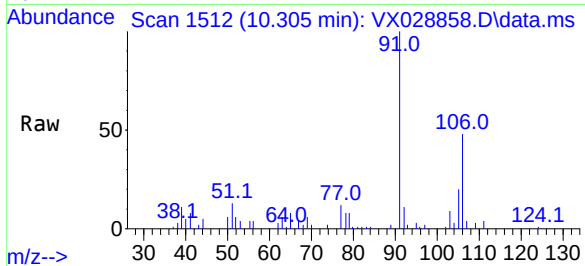
#68
m/p-Xylenes
Concen: 0.739 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :
MW-22

Tgt Ion:106 Resp: 407
Ion Ratio Lower Upper
106 100
91 220.4 160.4 240.6

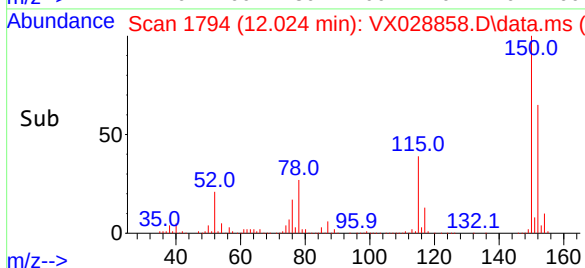
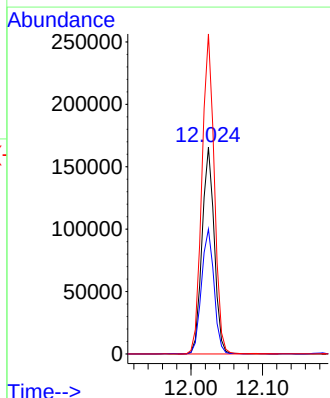
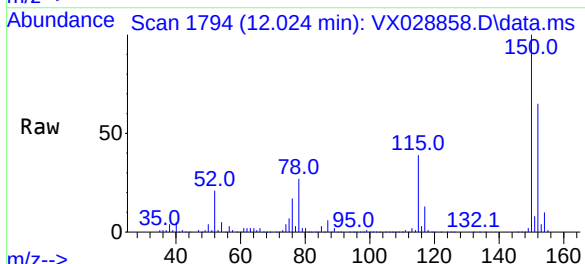
Manual Integrations
APPROVED

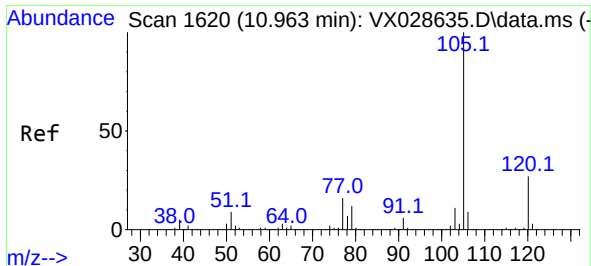
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06

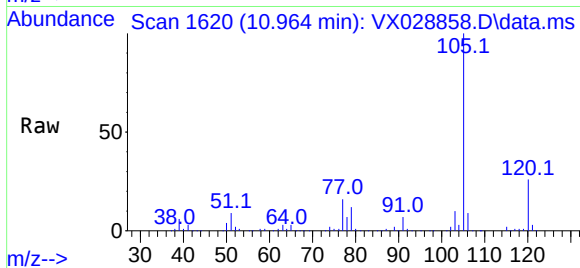
Tgt Ion:152 Resp: 196833
Ion Ratio Lower Upper
152 100
115 61.5 37.5 112.7
150 156.6 0.0 338.2





#73
Isopropylbenzene
Concen: 6.755 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06

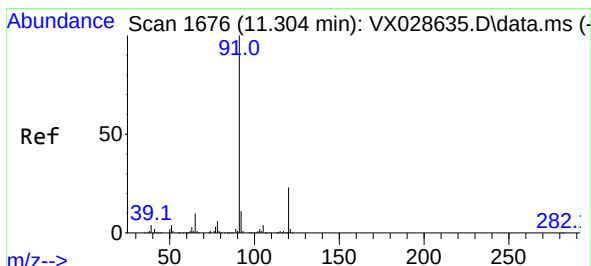
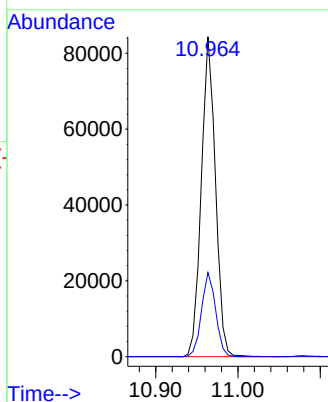
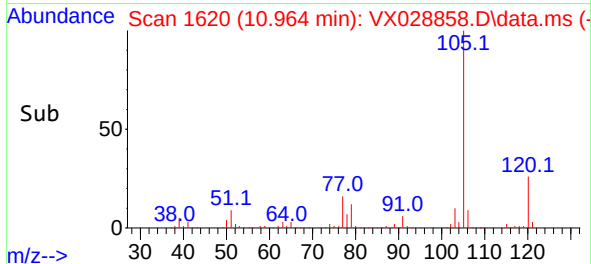
Instrument :
MSVOA_X
ClientSampleId :
MW-22



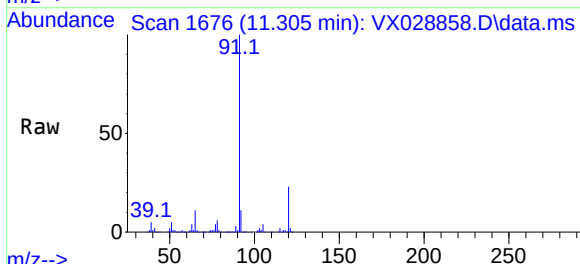
Tgt Ion:105 Resp: 10083
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.5

Manual Integrations
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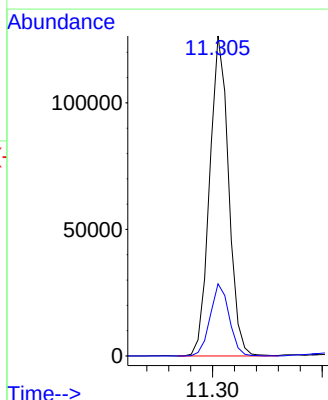
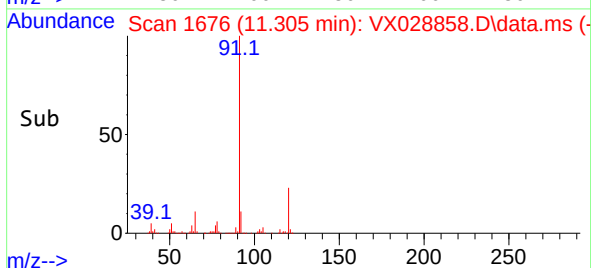
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022

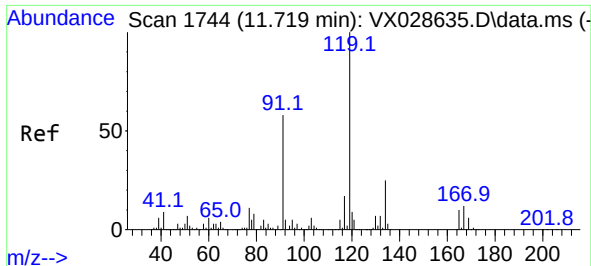


#78
n-propylbenzene
Concen: 8.819 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06



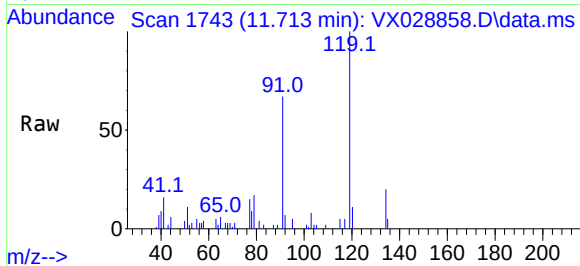
Tgt Ion: 91 Resp: 152273
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.8





#83
tert-Butylbenzene
Concen: 0.364 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06

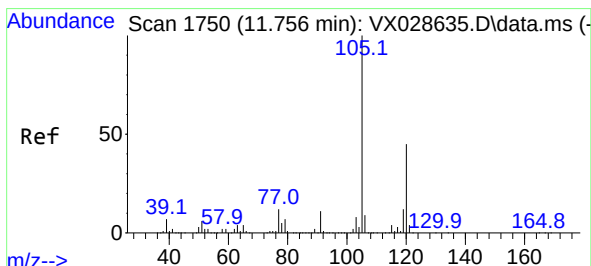
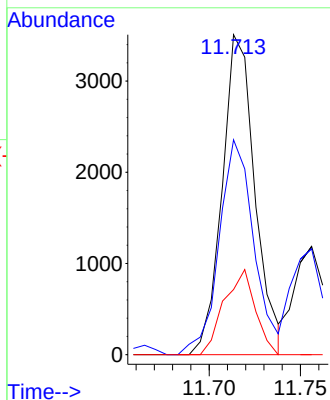
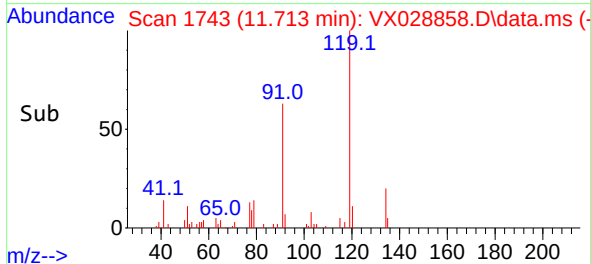
Instrument :
MSVOA_X
ClientSampleId :
MW-22



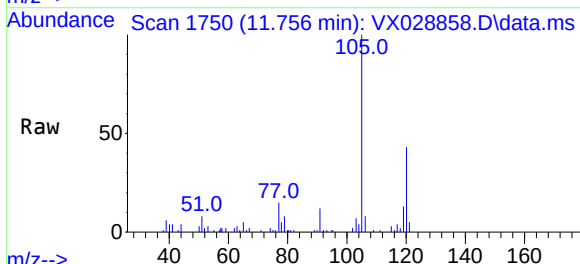
Tgt Ion:119 Resp: 438
Ion Ratio Lower Upper
119 100
91 71.1 26.9 80.6
134 25.2 11.4 34.2

Manual Integrations
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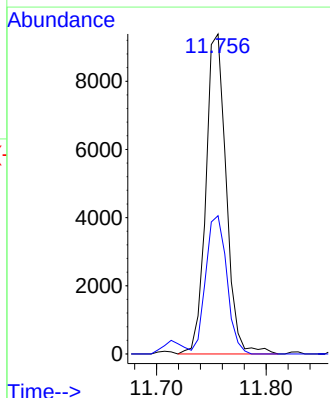
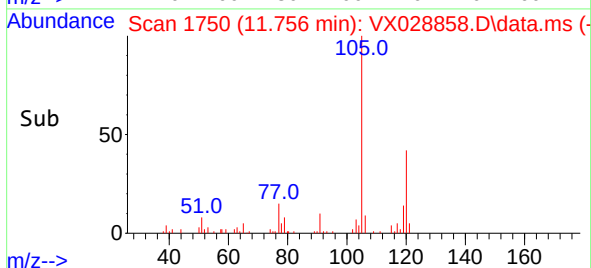
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022

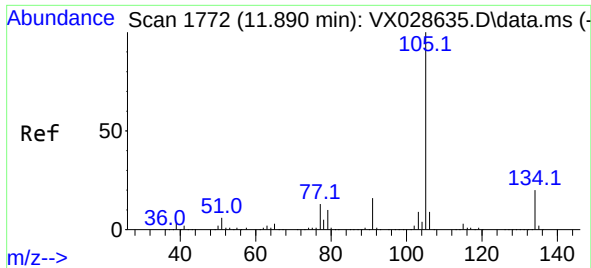


#84
1,2,4-Trimethylbenzene
Concen: 0.969 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06



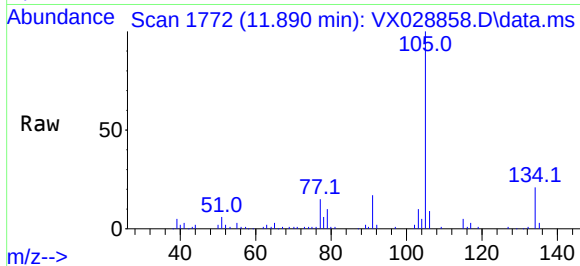
Tgt Ion:105 Resp: 12083
Ion Ratio Lower Upper
105 100
120 44.7 22.6 67.8





#85
sec-Butylbenzene
Concen: 1.630 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06

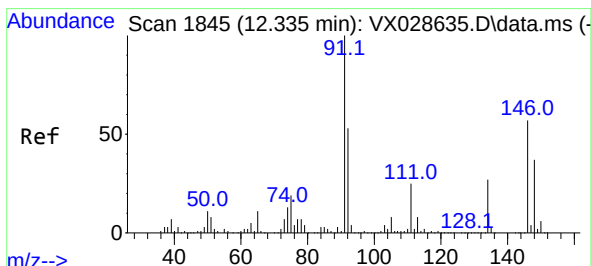
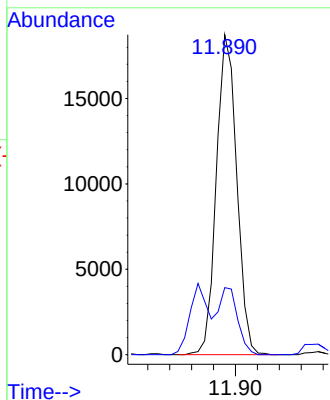
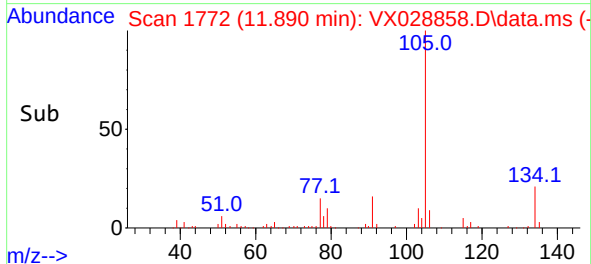
Instrument :
MSVOA_X
ClientSampleId :
MW-22



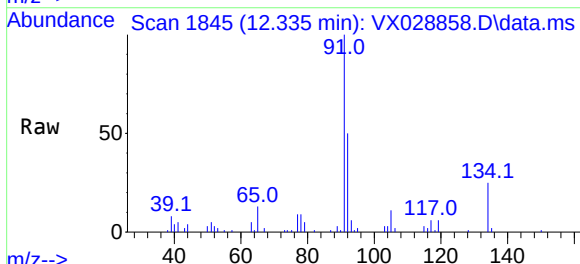
Tgt Ion:105 Resp: 2421
Ion Ratio Lower Upper
105 100
134 19.8 10.2 30.4

Manual Integrations
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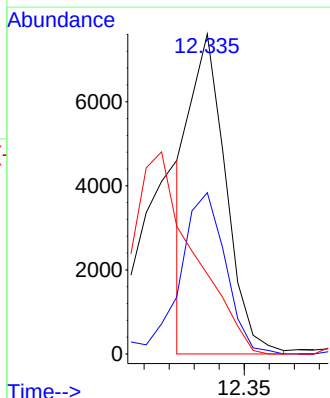
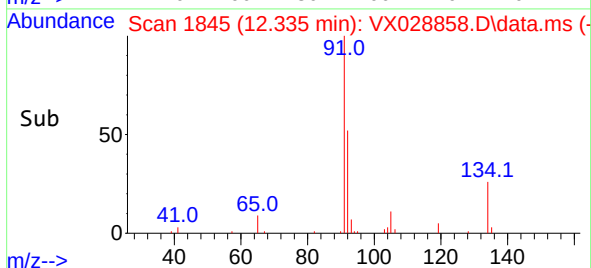
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022

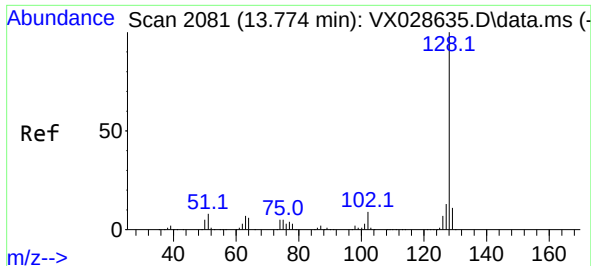


#89
n-Butylbenzene
Concen: 0.711 ug/l m
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06



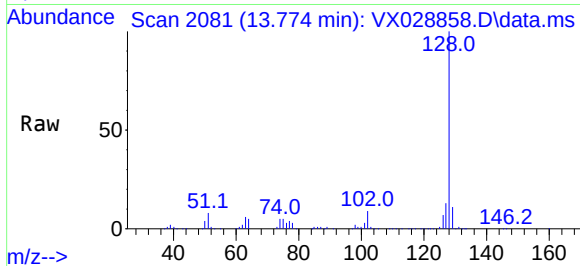
Tgt Ion: 91 Resp: 7683
Ion Ratio Lower Upper
91 100
92 64.3 27.8 83.3
134 105.1 13.3 39.8#





#95
Naphthalene
Concen: 8.086 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX028858.D
Acq: 20 May 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :
MW-22



Tgt Ion:128 Resp: 113099
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022

