

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028672.D
 Acq On : 13 May 2022 13:00
 Operator : JC/MD
 Sample : N2811-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 16 02:19:28 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	237963	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	439582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	421077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169867	52.076	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.160%			
35) Dibromofluoromethane	5.391	113	143302	49.756	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.520%			
50) Toluene-d8	8.653	98	534288	49.205	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.400%			
62) 4-Bromofluorobenzene	11.079	95	197954	48.809	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.620%			
Target Compounds					Qvalue	
16) Acetone	2.373	43	2701	1.929	ug/l	100
31) Cyclohexane	5.477	56	58659	12.956	ug/l	94
39) Methylcyclohexane	7.385	83	104426	21.050	ug/l	95
40) Benzene	6.044	78	597361	48.049	ug/l	99
52) Toluene	8.720	92	15887	1.987	ug/l	99
64) Tetrachloroethene	9.275	164	1210	0.381	ug/l	83
67) Ethyl Benzene	10.195	91	48978	3.059	ug/l	98
68) m/p-Xylenes	10.305	106	81227	13.030	ug/l	100
69) o-Xylene	10.646	106	1681	0.274	ug/l	87
73) Isopropylbenzene	10.963	105	17997	1.213	ug/l	98
78) n-propylbenzene	11.305	91	26754	1.559	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	41439	3.353	ug/l	98
83) tert-Butylbenzene	11.713	119	2949	0.246	ug/l	77
84) 1,2,4-Trimethylbenzene	11.756	105	116636	9.412	ug/l	100
85) sec-Butylbenzene	11.890	105	9075	0.615	ug/l	83
86) p-Isopropyltoluene	12.012	119	6550m	0.529	ug/l	
89) n-Butylbenzene	12.329	91	10468	0.975	ug/l	# 38
95) Naphthalene	13.774	128	27774	1.998	ug/l	100

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

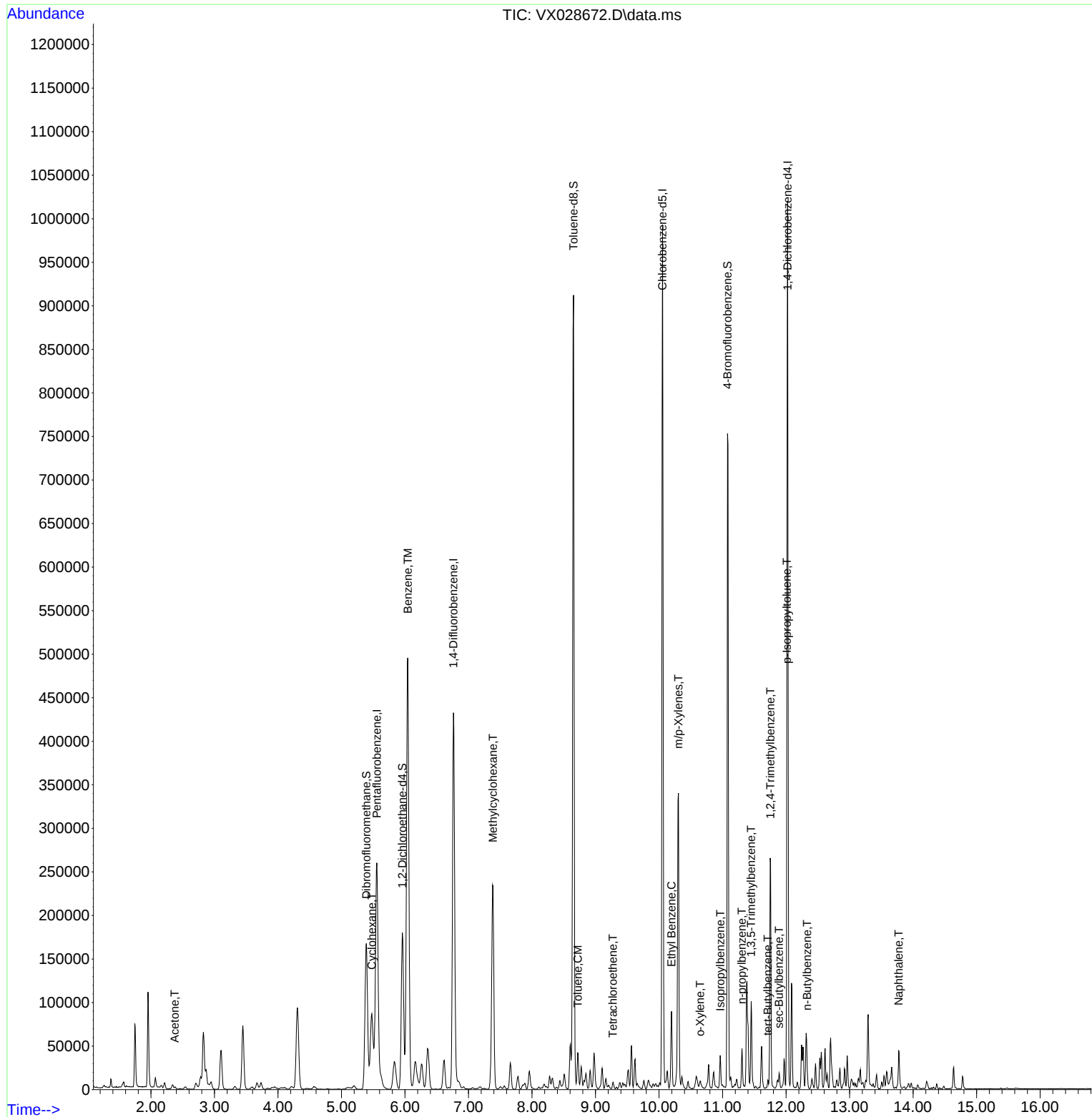
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
Data File : VX028672.D
Acq On : 13 May 2022 13:00
Operator : JC/MD
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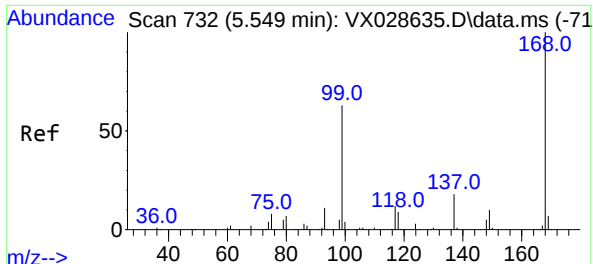
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

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Reviewed By : John Carlone 05/16/2022
Supervised By : Mahesh Dadoda 05/16/2022

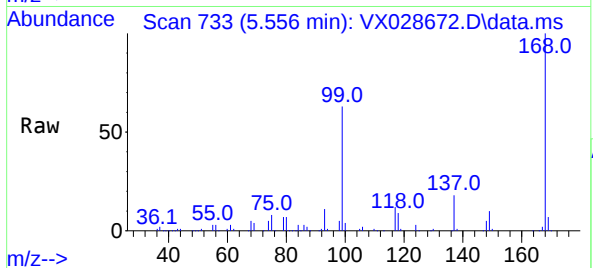
Quant Time: May 16 02:19:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 732
Delta R.T. 0.007 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00

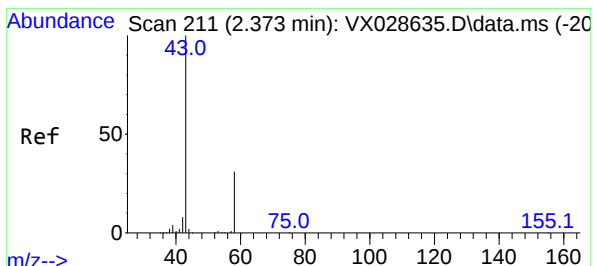
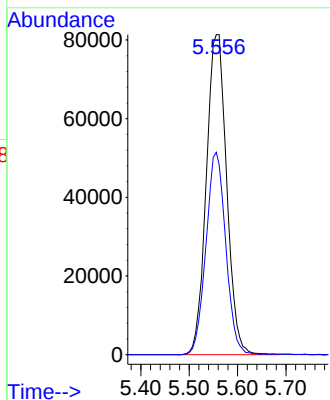
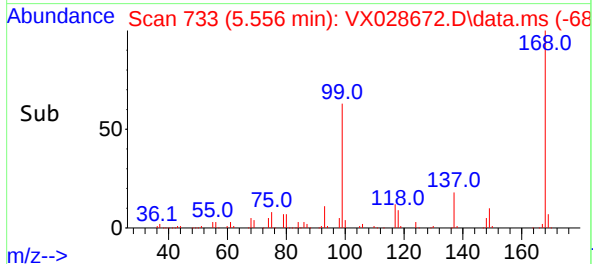
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL



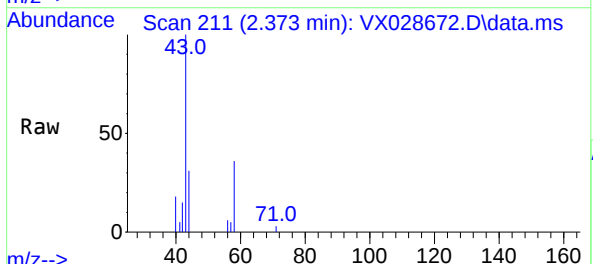
Tgt Ion:168 Resp: 23796
Ion Ratio Lower Upper
168 100
99 63.3 41.7 62.5

Manual Integrations
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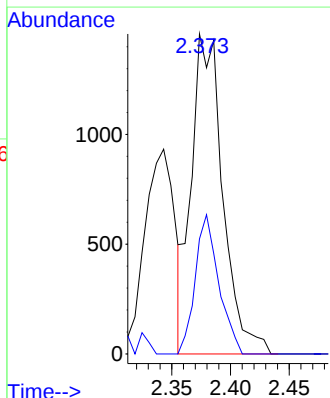
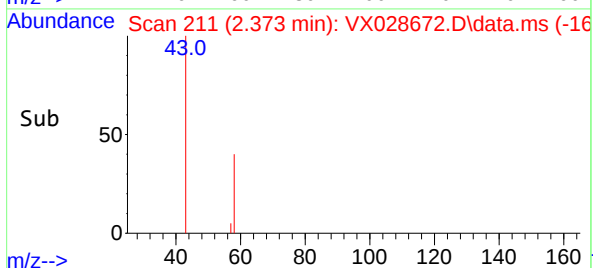
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

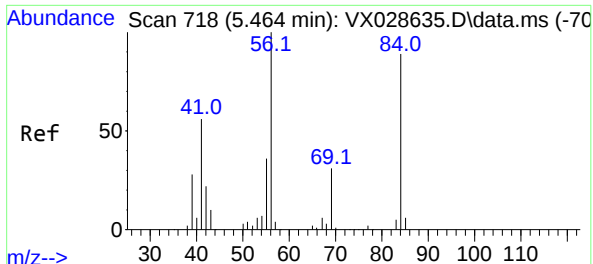


#16
Acetone
Concen: 1.929 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00



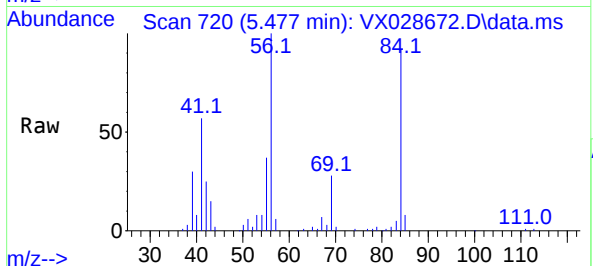
Tgt Ion: 43 Resp: 2701
Ion Ratio Lower Upper
43 100
58 35.9 28.8 43.2





#31
Cyclohexane
Concen: 12.956 ug/l
RT: 5.477 min Scan# 718
Delta R.T. 0.013 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00

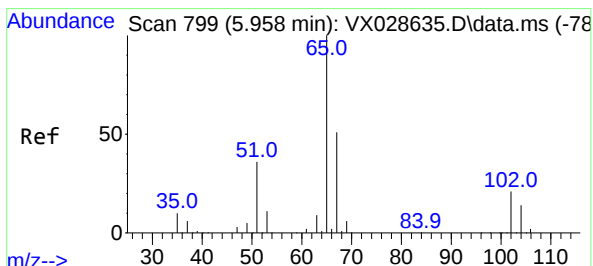
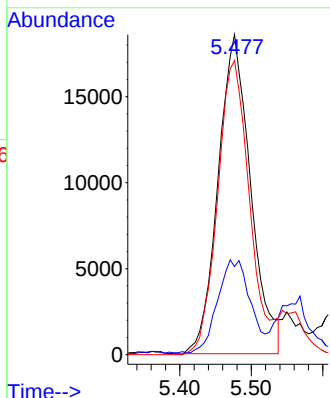
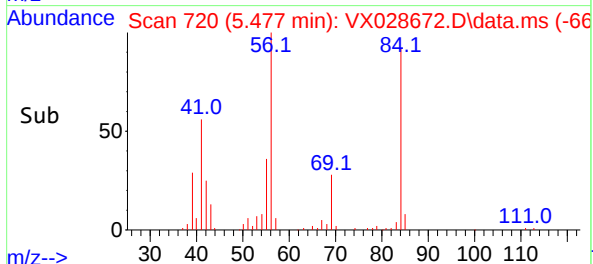
Instrument :
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Tgt Ion: 56 Resp: 5865
Ion Ratio Lower Upper
56 100
69 27.1 26.7 40.1
84 92.2 77.2 115.8

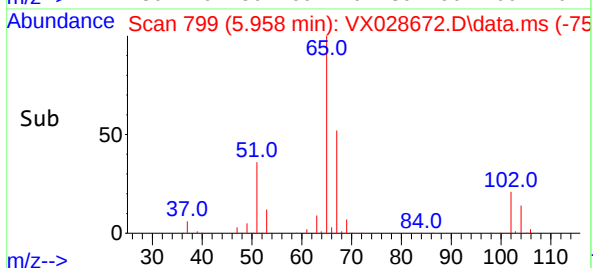
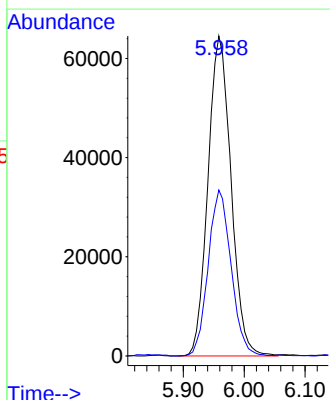
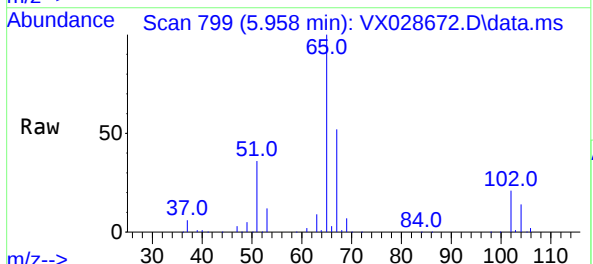
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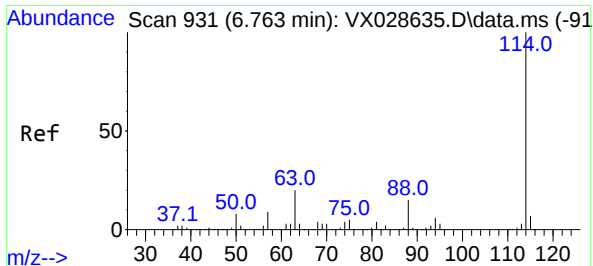
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#33
1,2-Dichloroethane-d4
Concen: 52.076 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00

Tgt Ion: 65 Resp: 169867
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX028672.D

Acq: 13 May 2022 13:00

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

Tgt Ion:114 Resp: 43958

Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.8

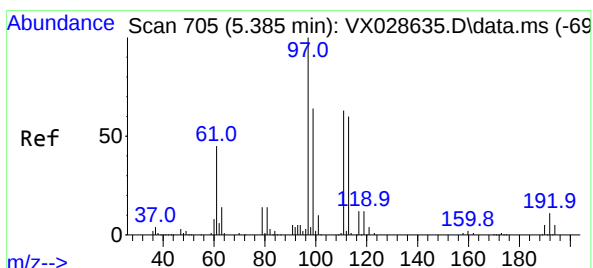
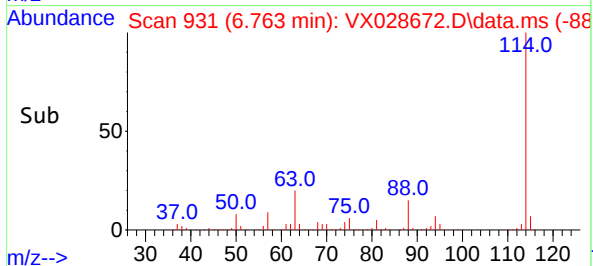
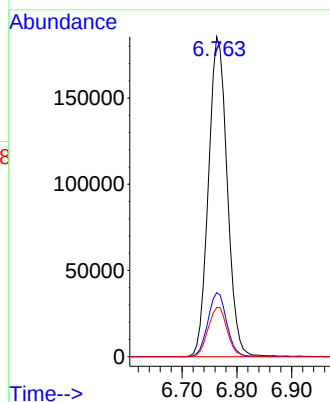
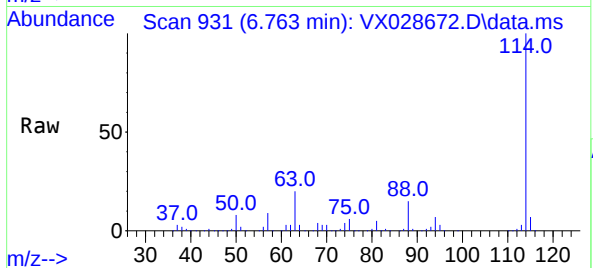
88 15.3 0.0 32.4

Manual Integrations

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#35

Dibromofluoromethane

Concen: 49.756 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX028672.D

Acq: 13 May 2022 13:00

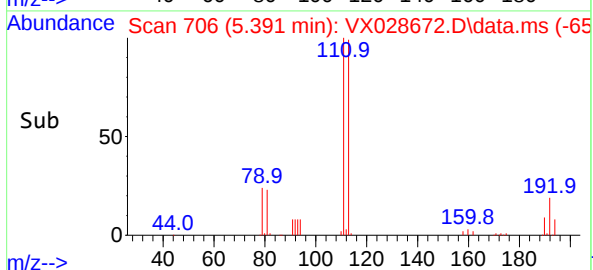
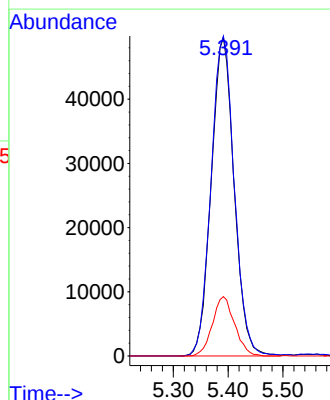
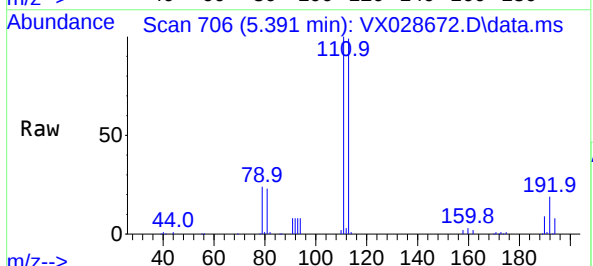
Tgt Ion:113 Resp: 143302

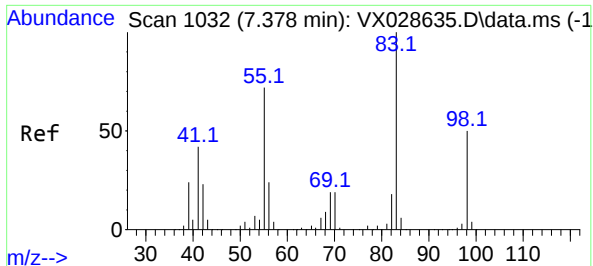
Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

192 18.1 16.9 25.3





#39

Methylcyclohexane

Concen: 21.050 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.007 min

Lab File: VX028672.D

Acq: 13 May 2022 13:00

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion: 83 Resp: 104420

Ion Ratio Lower Upper

83 100

55 74.0 54.6 81.8

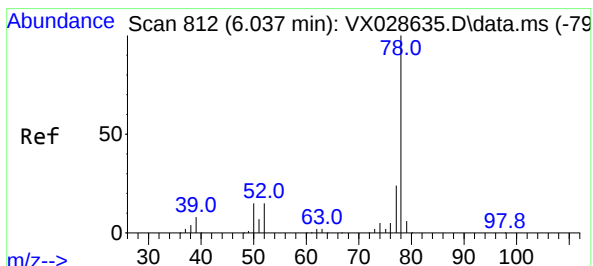
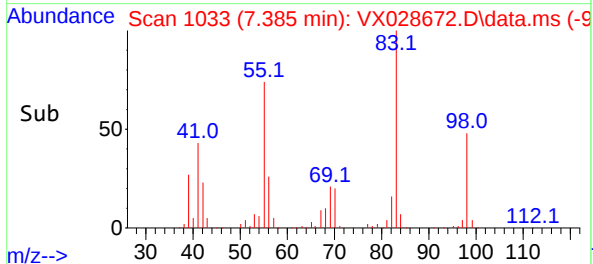
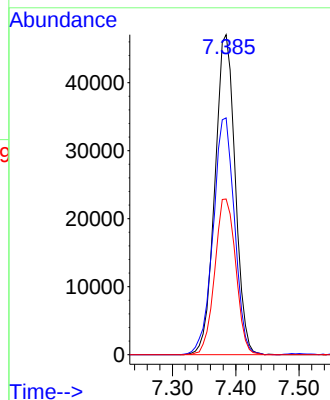
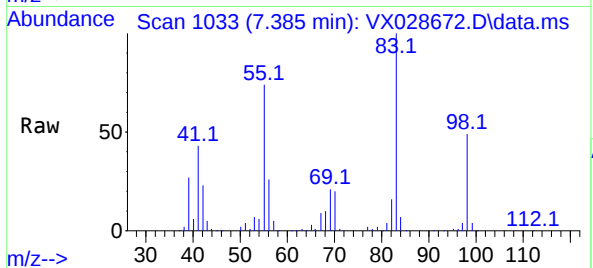
98 48.7 37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#40

Benzene

Concen: 48.049 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX028672.D

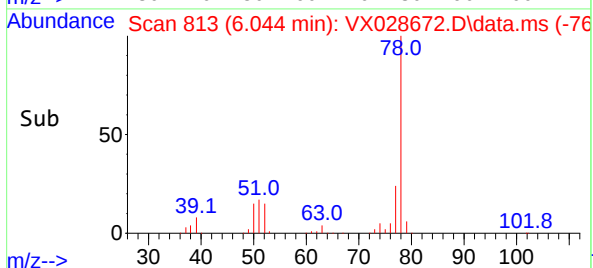
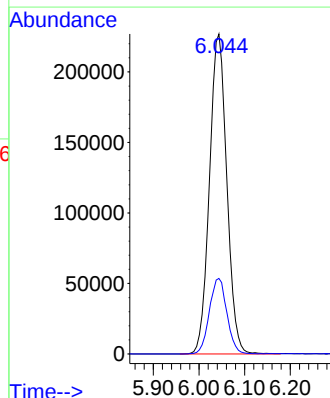
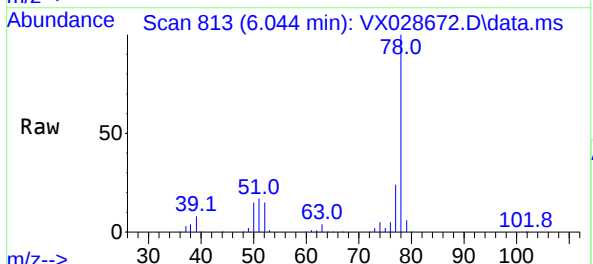
Acq: 13 May 2022 13:00

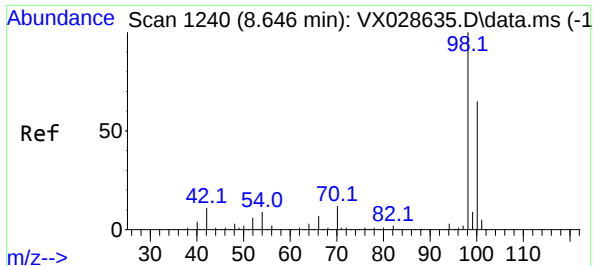
Tgt Ion: 78 Resp: 597361

Ion Ratio Lower Upper

78 100

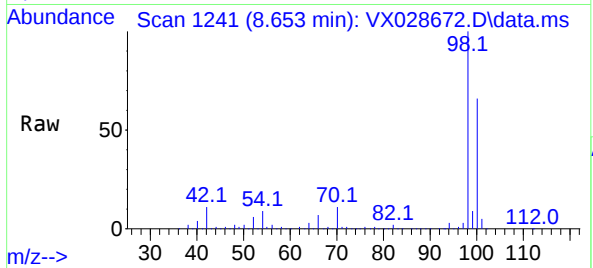
77 23.6 19.3 28.9





#50
Toluene-d8
Concen: 49.205 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00

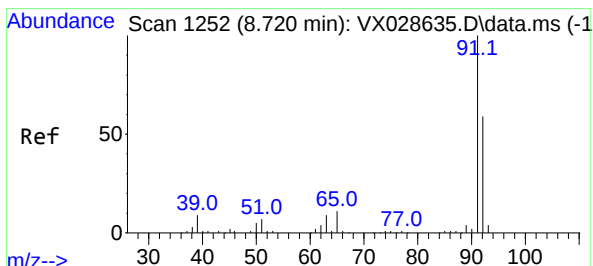
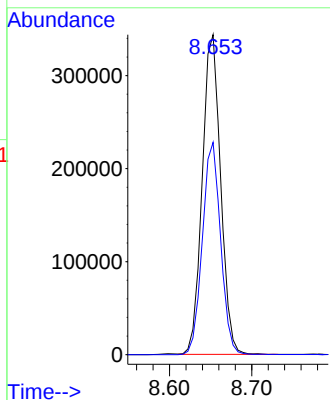
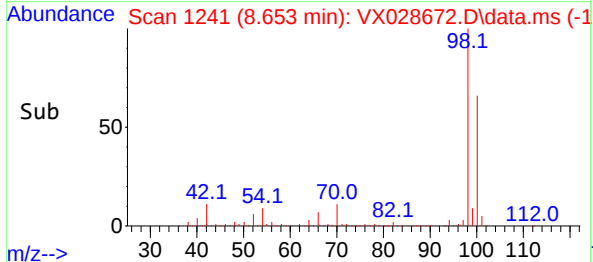
Instrument :
MSVOA_X
ClientSampleId :
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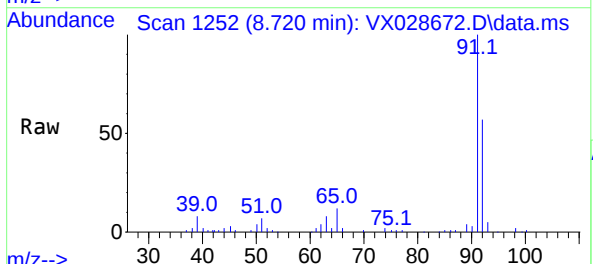
Tgt Ion: 98 Resp: 53428
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

Manual Integrations
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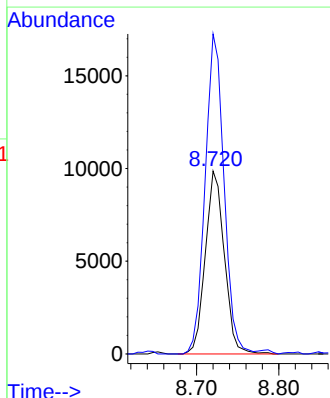
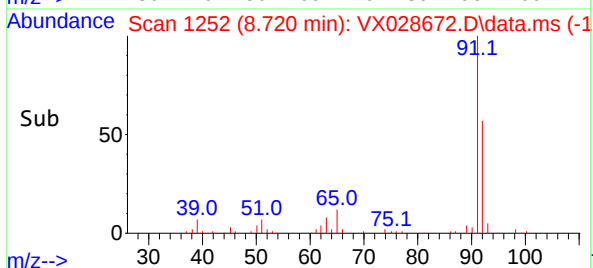
Reviewed By :John Carlone 05/16/2022
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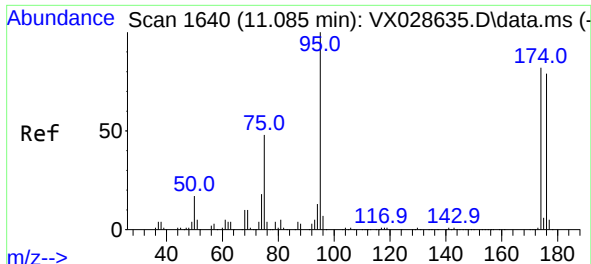


#52
Toluene
Concen: 1.987 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00



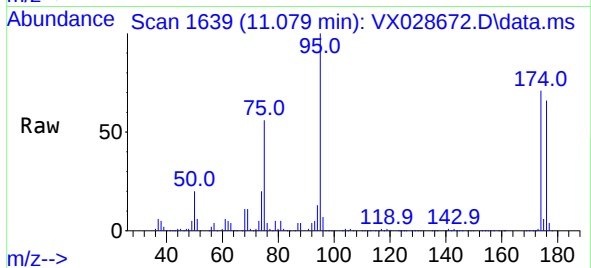
Tgt Ion: 92 Resp: 15887
Ion Ratio Lower Upper
92 100
91 172.9 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 48.809 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00

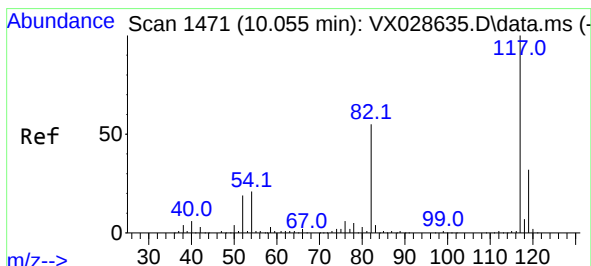
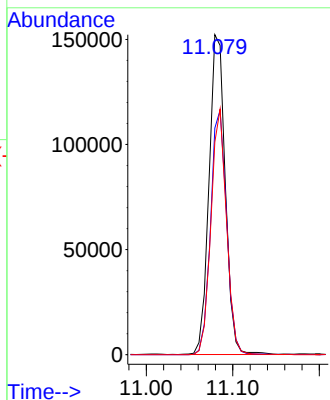
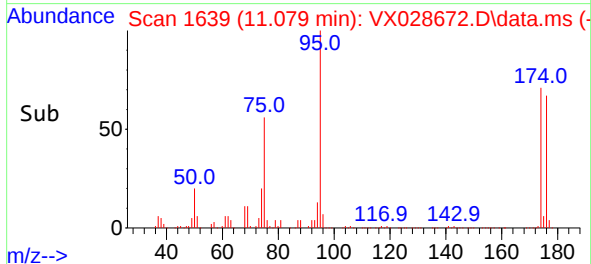
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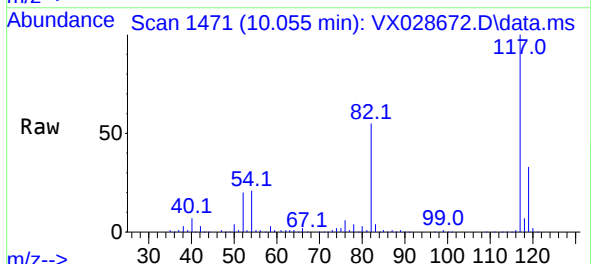
Tgt Ion: 95 Resp: 197954
Ion Ratio Lower Upper
95 100
174 75.3 0.0 163.0
176 73.5 0.0 155.0

Manual Integrations
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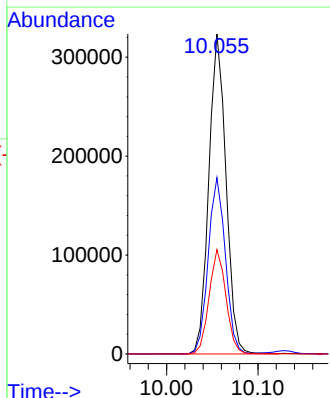
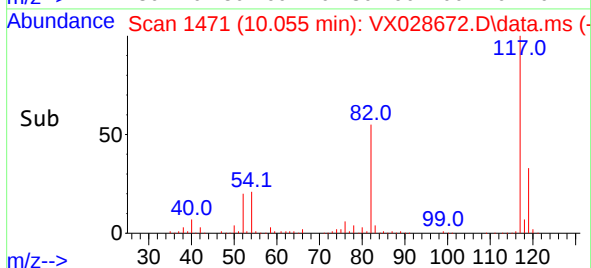
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

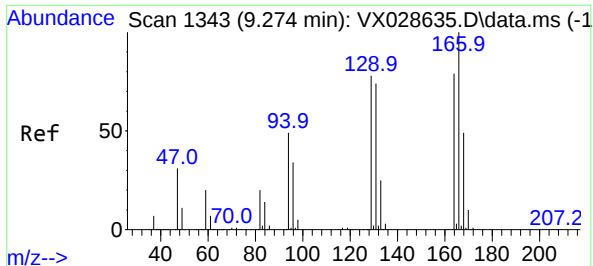


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00



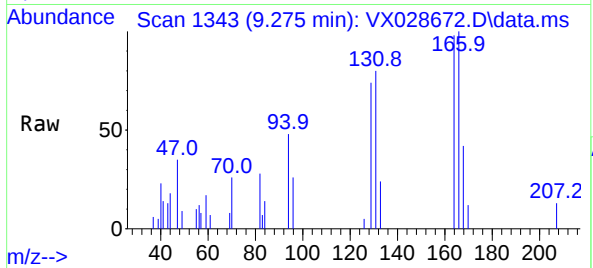
Tgt Ion:117 Resp: 421077
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.8
119 32.6 24.8 37.2





#64
Tetrachloroethene
Concen: 0.381 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00

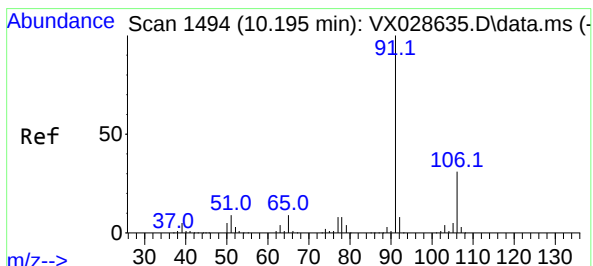
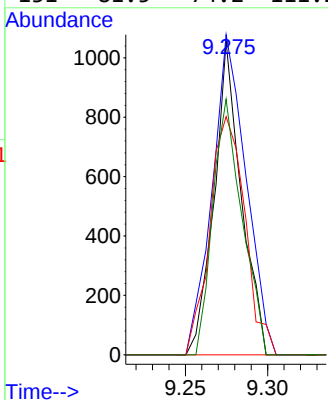
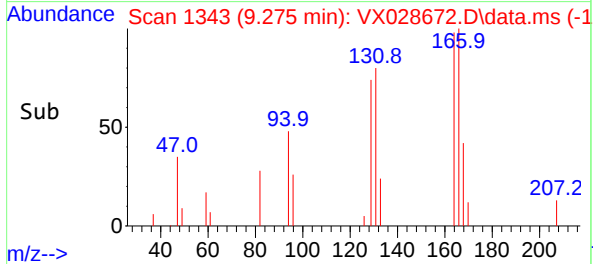
Instrument :
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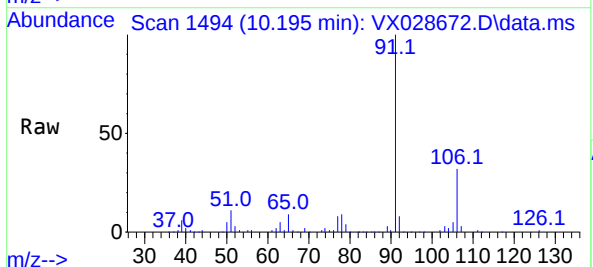
Tgt Ion:164 Resp: 1210
Ion Ratio Lower Upper
164 100
166 102.1 101.2 151.8
129 75.9 73.0 109.4
131 81.5 74.2 111.2

Manual Integrations
APPROVED

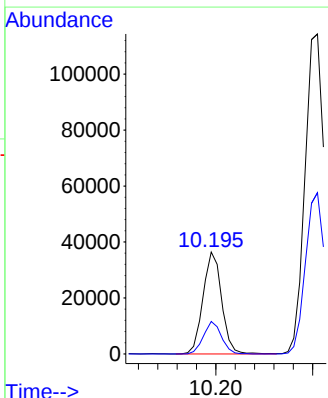
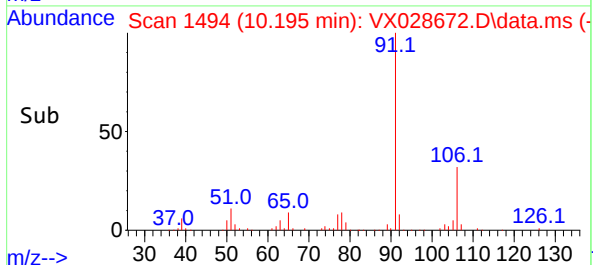
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

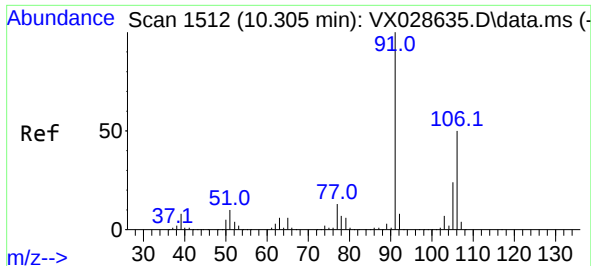


#67
Ethyl Benzene
Concen: 3.059 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00



Tgt Ion: 91 Resp: 48978
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8





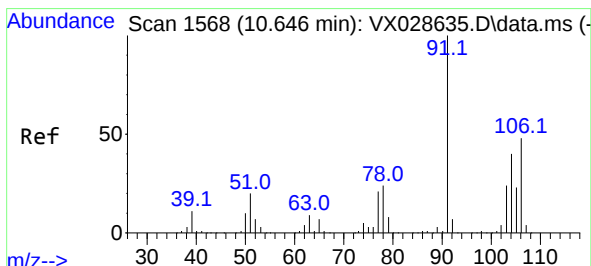
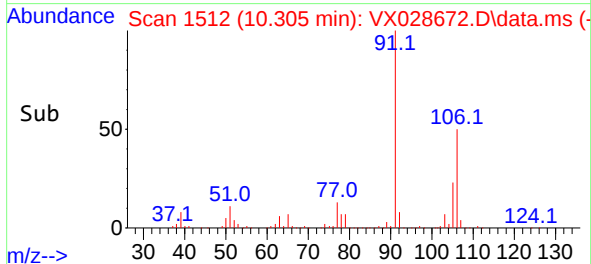
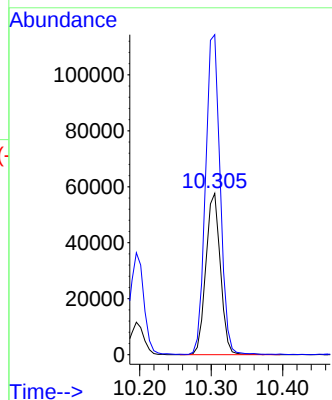
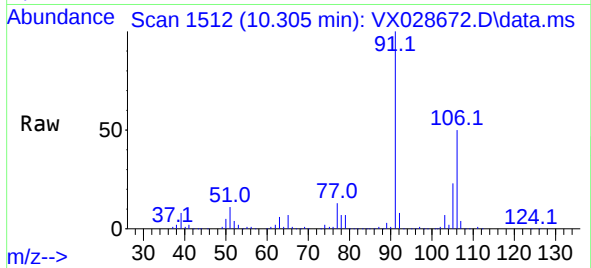
#68
m/p-Xylenes
Concen: 13.030 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion:106 Resp: 8122
Ion Ratio Lower Upper
106 100
91 200.1 160.4 240.6

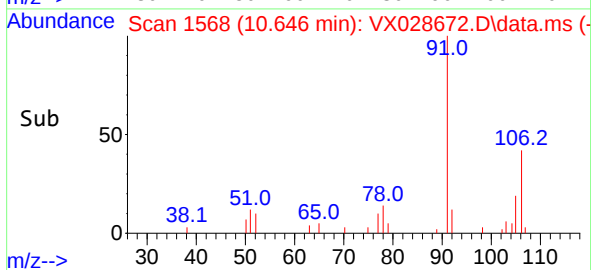
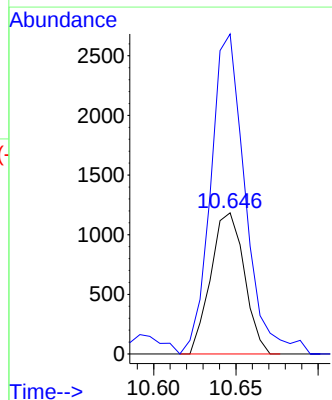
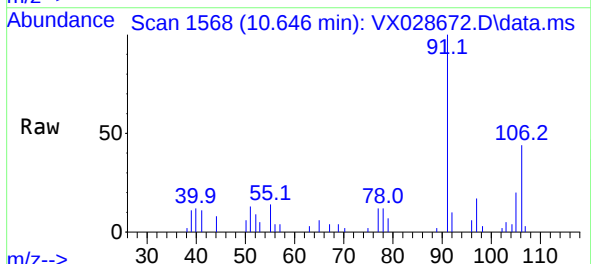
Manual Integrations
APPROVED

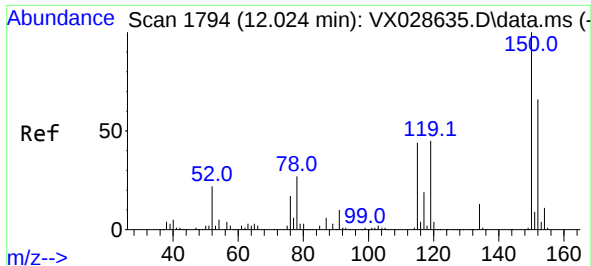
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#69
o-Xylene
Concen: 0.274 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00

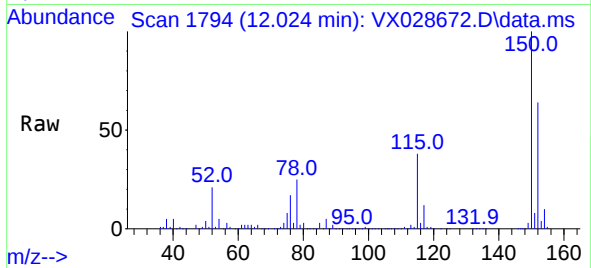
Tgt Ion:106 Resp: 1681
Ion Ratio Lower Upper
106 100
91 232.5 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00

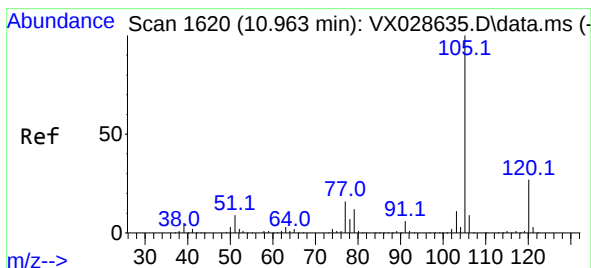
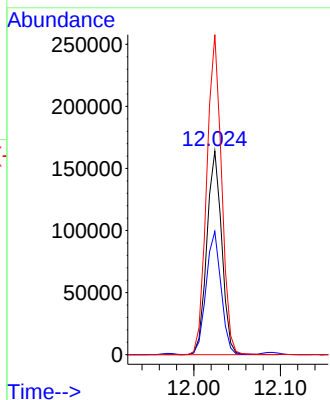
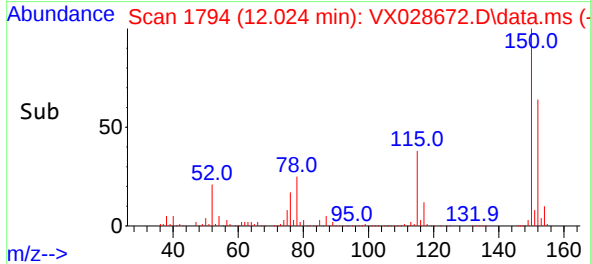
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL



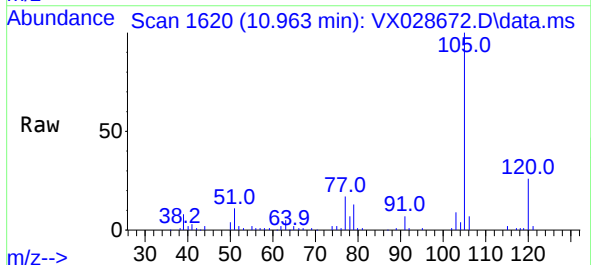
Tgt Ion:152 Resp: 195570
Ion Ratio Lower Upper
152 100
115 60.8 37.5 112.7
150 157.0 0.0 338.2

Manual Integrations
APPROVED

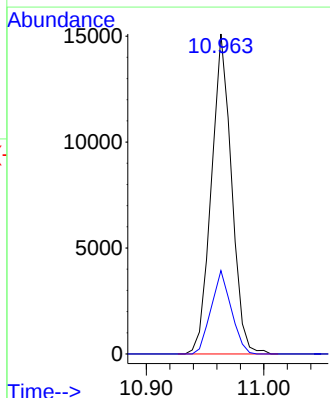
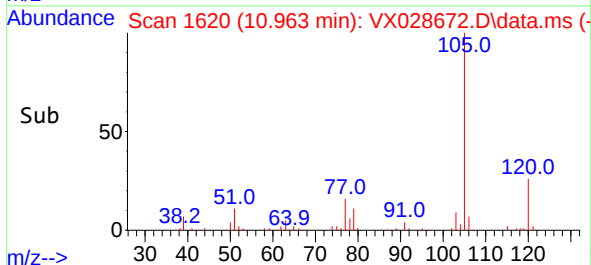
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

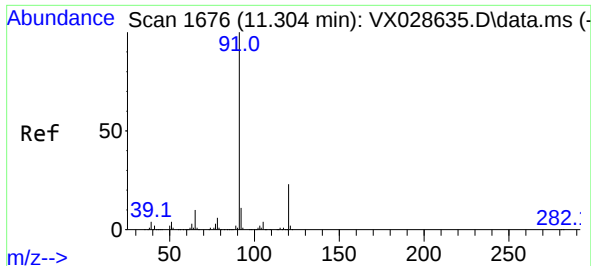


#73
Isopropylbenzene
Concen: 1.213 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00



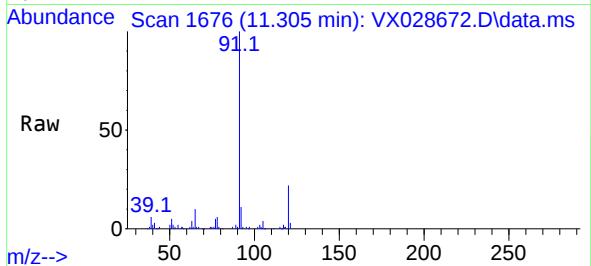
Tgt Ion:105 Resp: 17997
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.5





#78
n-propylbenzene
Concen: 1.559 ug/l
RT: 11.305 min Scan# 1100
Delta R.T. 0.001 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00

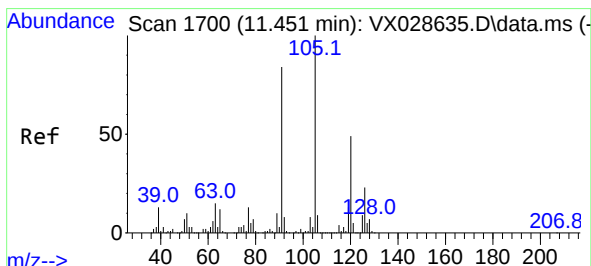
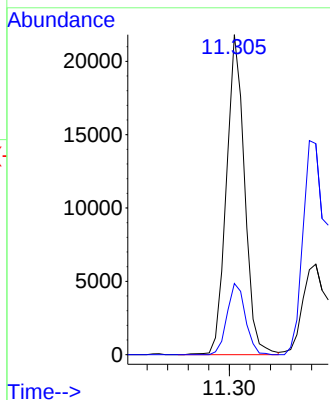
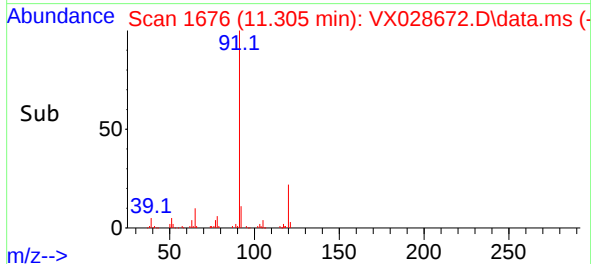
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL



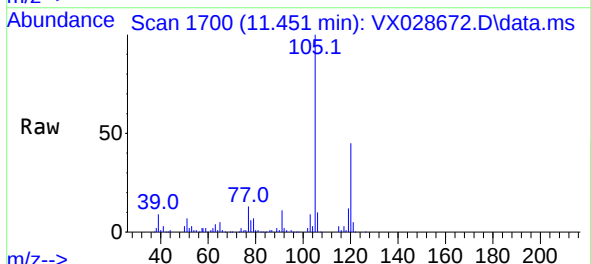
Tgt Ion: 91 Resp: 26754
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.8

Manual Integrations
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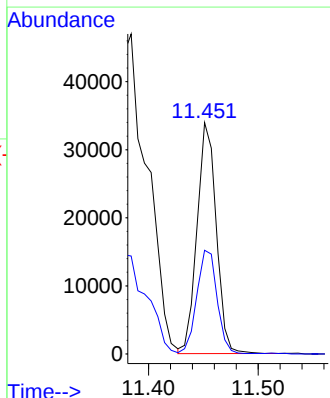
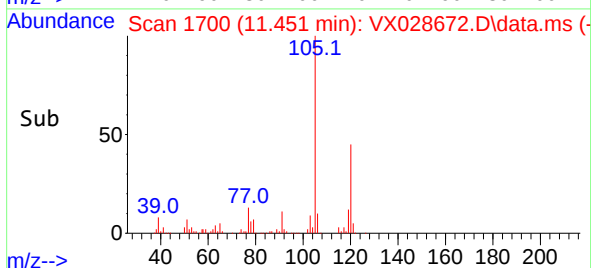
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

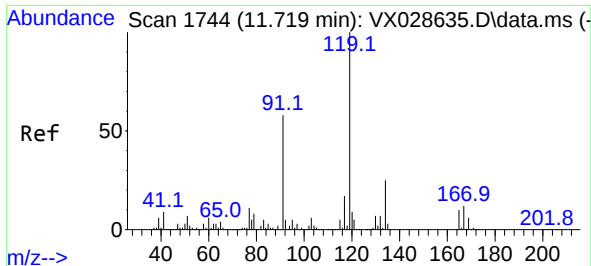


#80
1,3,5-Trimethylbenzene
Concen: 3.353 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00



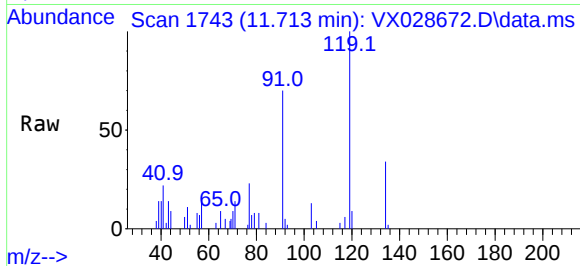
Tgt Ion:105 Resp: 41439
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.9





#83
tert-Butylbenzene
Concen: 0.246 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00

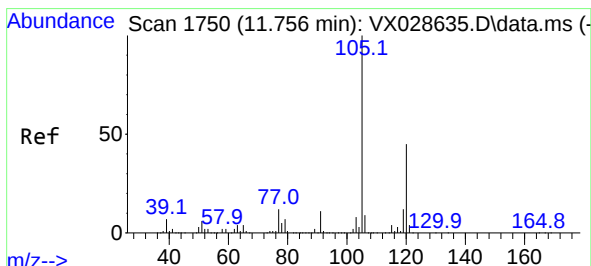
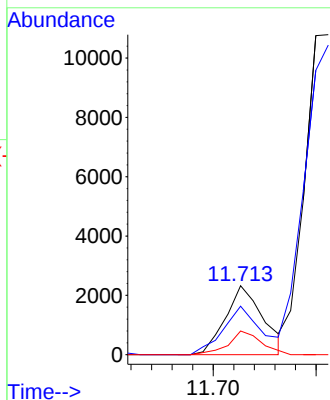
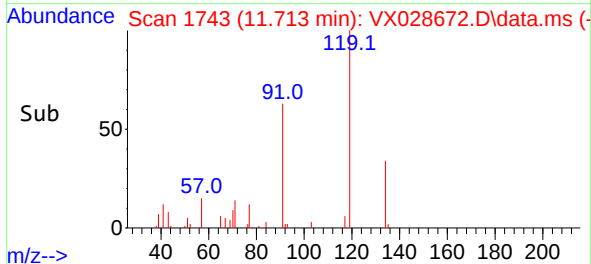
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL



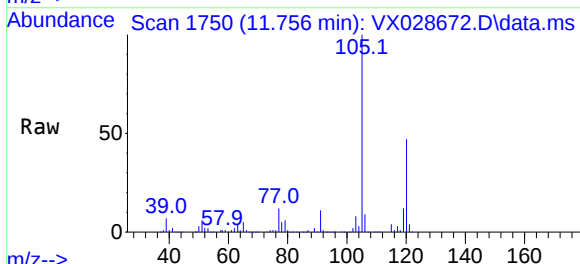
Tgt Ion:119 Resp: 2949
Ion Ratio Lower Upper
119 100
91 72.1 26.9 80.6
134 29.9 11.4 34.2

Manual Integrations
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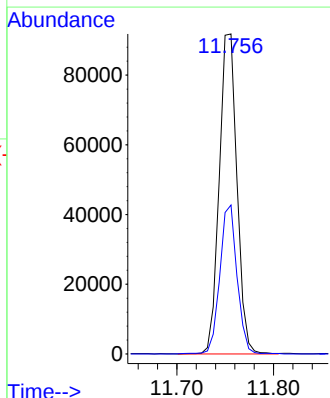
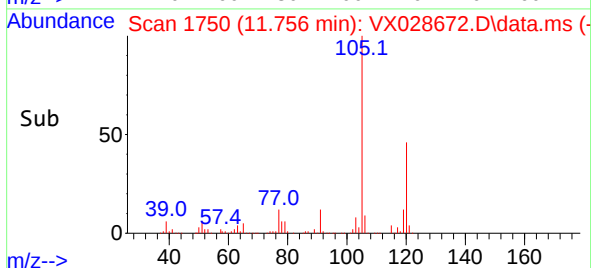
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

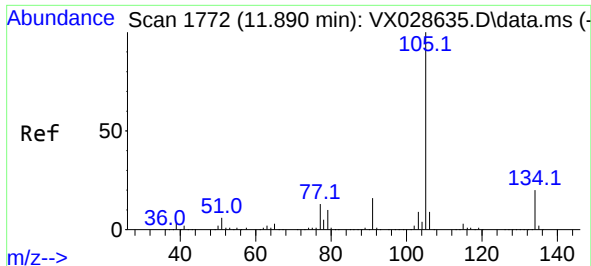


#84
1,2,4-Trimethylbenzene
Concen: 9.412 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00



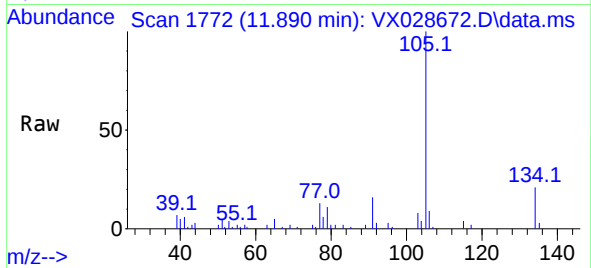
Tgt Ion:105 Resp: 116636
Ion Ratio Lower Upper
105 100
120 45.3 22.6 67.8





#85
sec-Butylbenzene
Concen: 0.615 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00

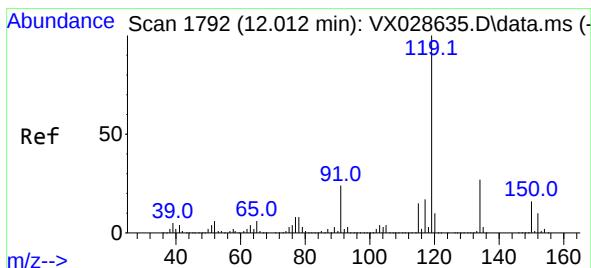
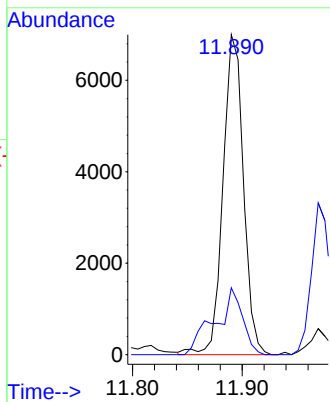
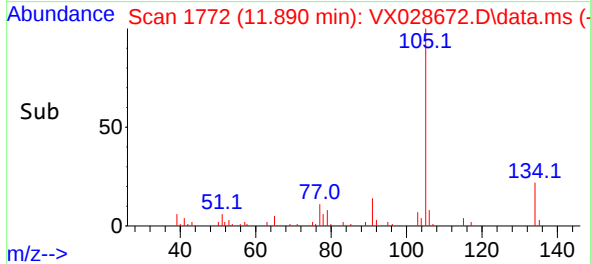
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL



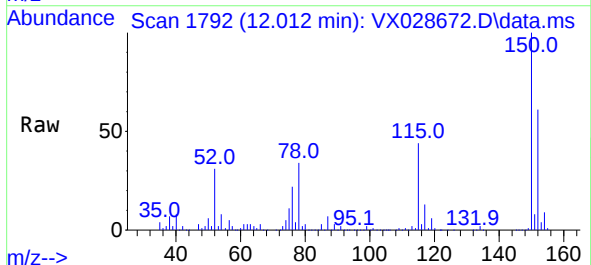
Tgt Ion:105 Resp: 9075
Ion Ratio Lower Upper
105 100
134 28.2 10.2 30.4

Manual Integrations
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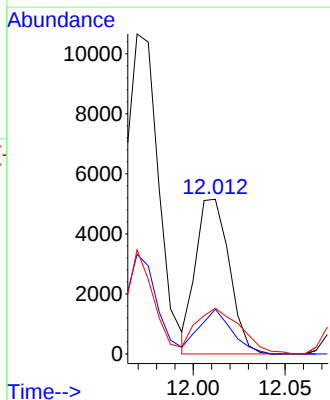
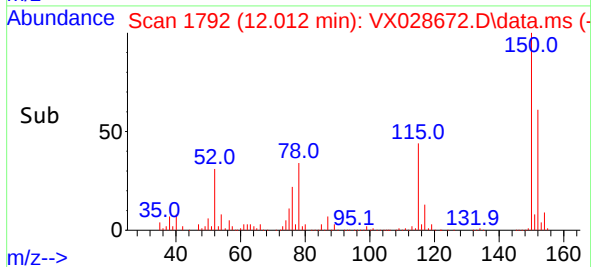
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

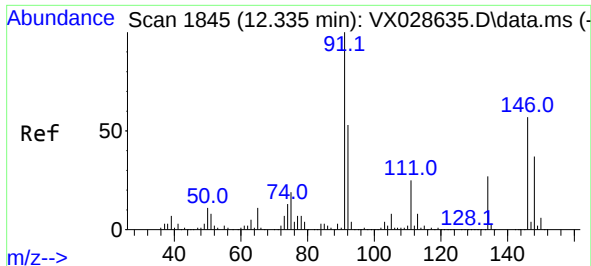


#86
p-Isopropyltoluene
Concen: 0.529 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00



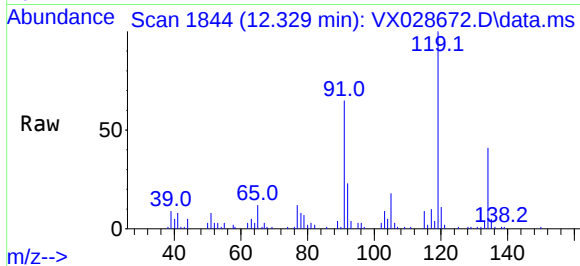
Tgt Ion:119 Resp: 6550
Ion Ratio Lower Upper
119 100
134 60.2 13.0 39.0#
91 57.2 11.3 33.9#





#89
n-Butylbenzene
Concen: 0.975 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00

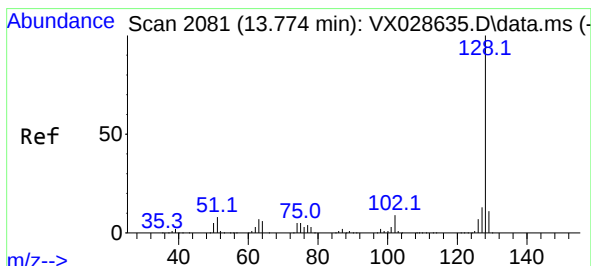
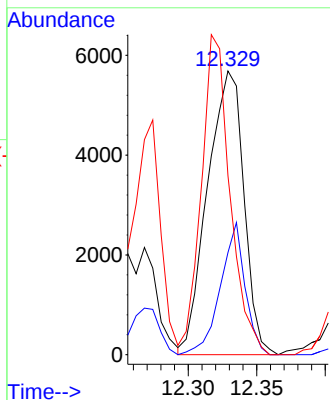
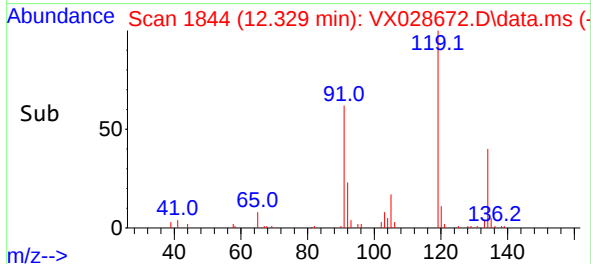
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL



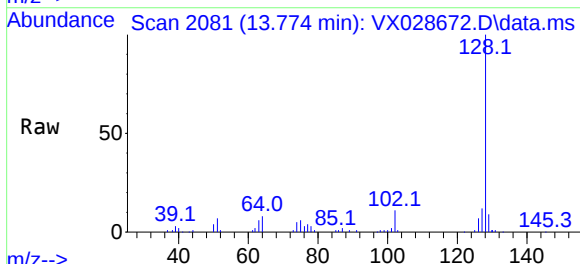
Tgt Ion: 91 Resp: 1046
Ion Ratio Lower Upper
91 100
92 31.7 27.8 83.3
134 89.5 13.3 39.8

Manual Integrations
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Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#95
Naphthalene
Concen: 1.998 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028672.D
Acq: 13 May 2022 13:00



Tgt Ion:128 Resp: 27774
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.7 13.1

