

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029737.D
 Acq On : 23 Jun 2022 12:34
 Operator : JC/MD
 Sample : N3202-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: Jun 24 05:38:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/24/2022
 Supervised By : Semsettin Yesilyurt 06/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	272460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	456912	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	395546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147697	40.952	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.900%		
35) Dibromofluoromethane	5.391	113	131767	44.252	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.500%		
50) Toluene-d8	8.653	98	511592	47.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.060%		
62) 4-Bromofluorobenzene	11.085	95	185738	45.278	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.560%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	53850	61.539	ug/l #	92
16) Acetone	2.385	43	4285	2.981	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	61709	6.439	ug/l #	69
22) Diisopropyl ether	3.763	45	7814	0.886	ug/l #	84
25) 2-Butanone	4.574	43	2943	1.295	ug/l #	85
31) Cyclohexane	5.470	56	18451	3.811	ug/l	89
39) Methylcyclohexane	7.385	83	10993	2.188	ug/l	89
40) Benzene	6.043	78	614331	51.426	ug/l	96
52) Toluene	8.720	92	81342	10.634	ug/l	98
67) Ethyl Benzene	10.195	91	353654	25.330	ug/l	99
68) m/p-Xylenes	10.305	106	200979	36.912	ug/l	100
69) o-Xylene	10.646	106	88571	16.465	ug/l	98
73) Isopropylbenzene	10.963	105	53267	4.085	ug/l	98
78) n-propylbenzene	11.305	91	158969	10.825	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	47187	4.297	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	467147	42.654	ug/l	98
85) sec-Butylbenzene	11.890	105	5266m	0.397	ug/l	
86) p-Isopropyltoluene	12.012	119	3608	0.325	ug/l #	72
89) n-Butylbenzene	12.335	91	9073	0.968	ug/l #	39

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

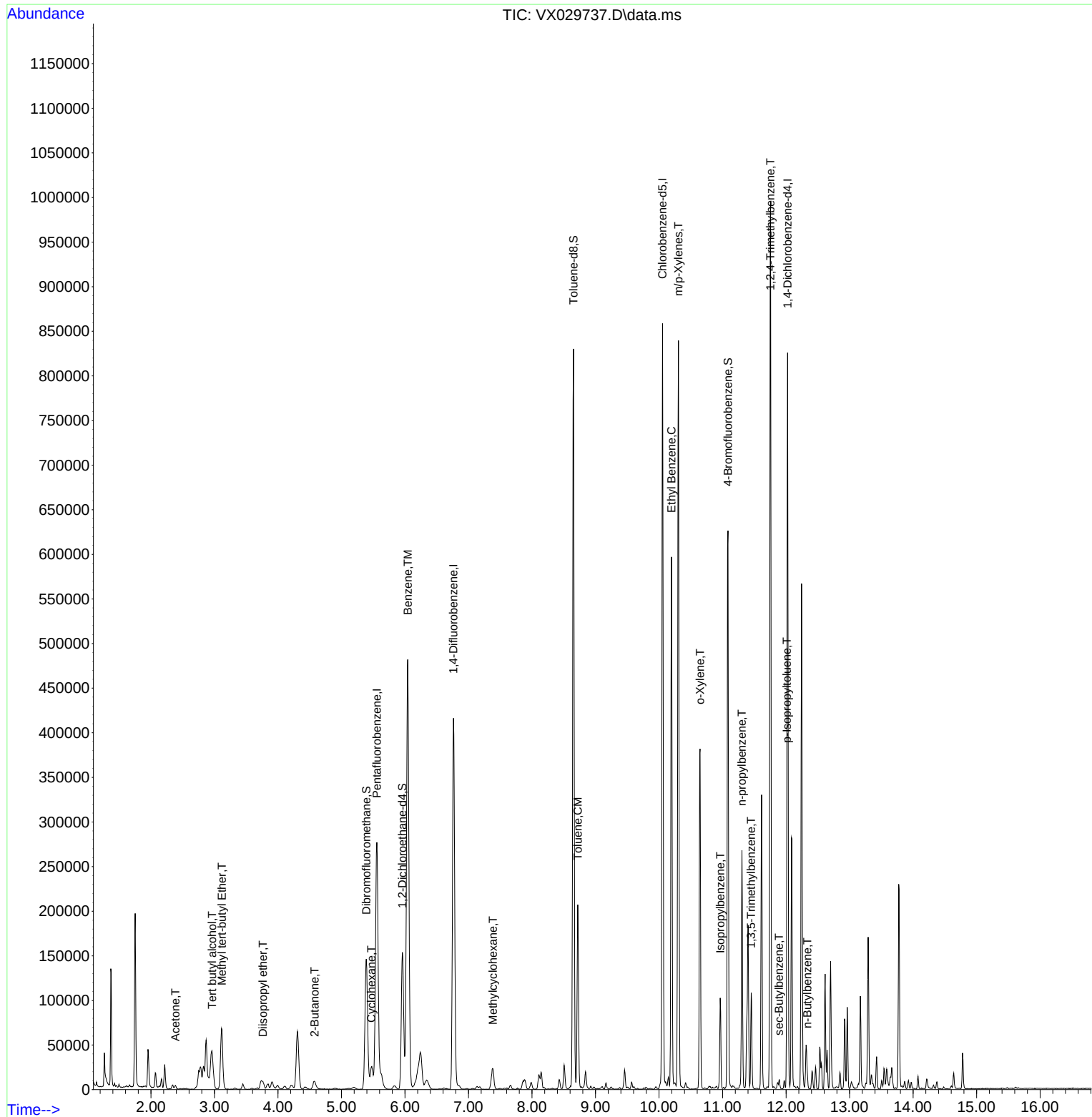
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
Data File : VX029737.D
Acq On : 23 Jun 2022 12:34
Operator : JC/MD
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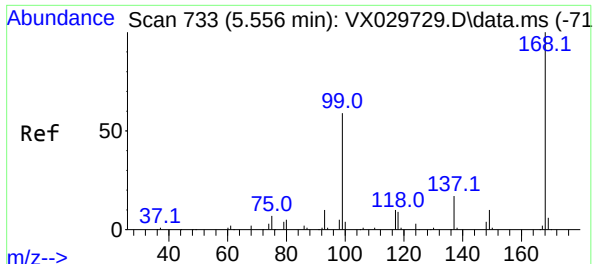
Instrument :
MSVOA_X
ClientSampleId :
MW-14

Quant Time: Jun 24 05:38:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

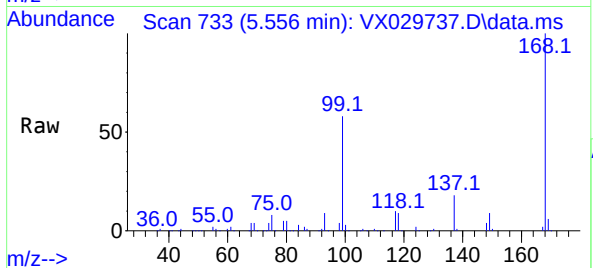
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34

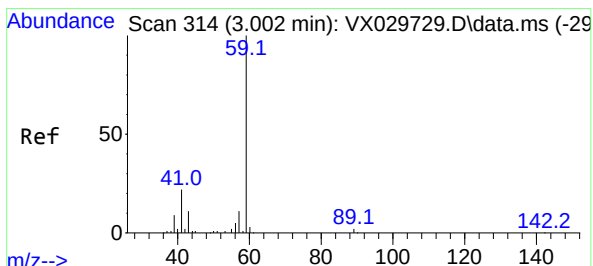
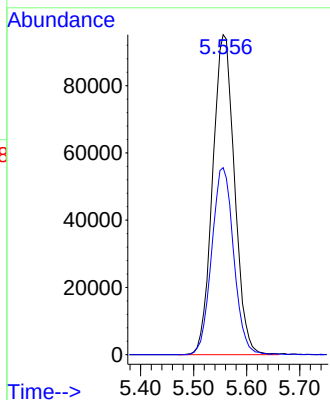
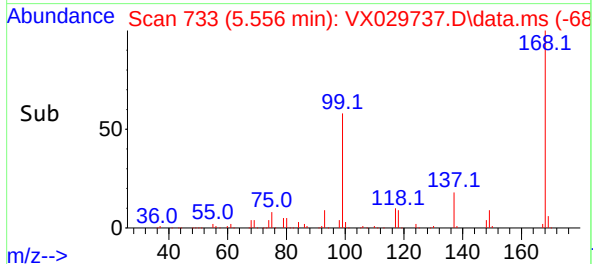
Instrument :
MSVOA_X
ClientSampleId :
MW-14



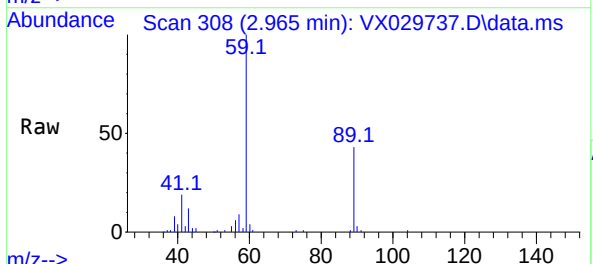
Tgt Ion:168 Resp: 272460
Ion Ratio Lower Upper
168 100
99 58.4 41.7 62.5

Manual Integrations
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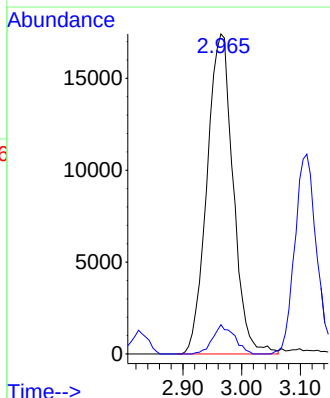
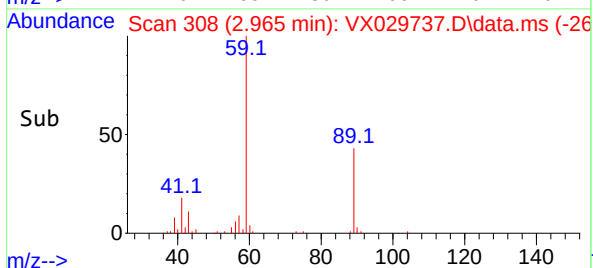
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

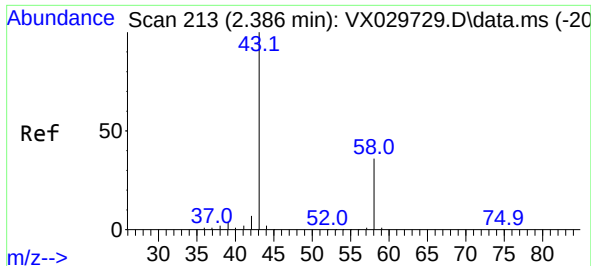


#11
Tert butyl alcohol
Concen: 61.539 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34



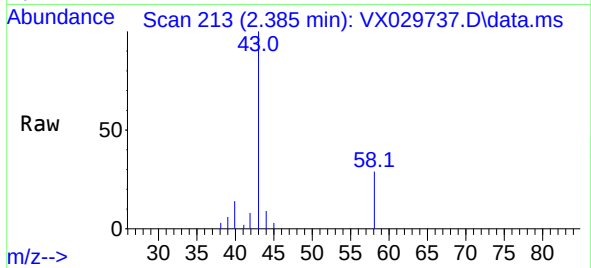
Tgt Ion: 59 Resp: 53850
Ion Ratio Lower Upper
59 100
57 7.6 8.3 12.5#





#16
Acetone
Concen: 2.981 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34

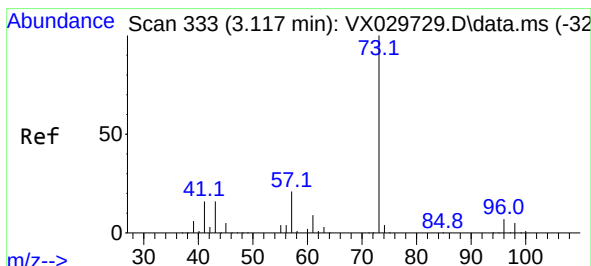
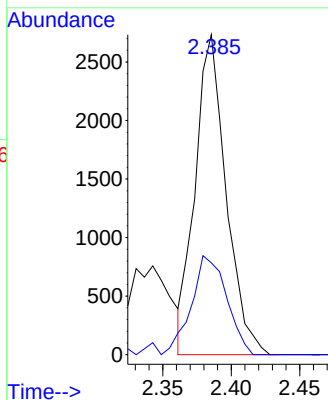
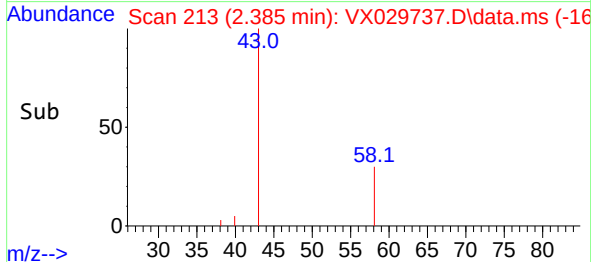
Instrument :
MSVOA_X
ClientSampleId :
MW-14



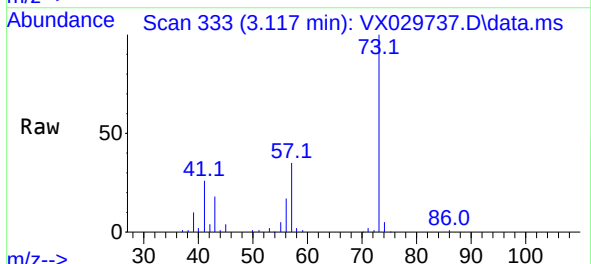
Tgt Ion: 43 Resp: 4285
Ion Ratio Lower Upper
43 100
58 28.7 28.8 43.2

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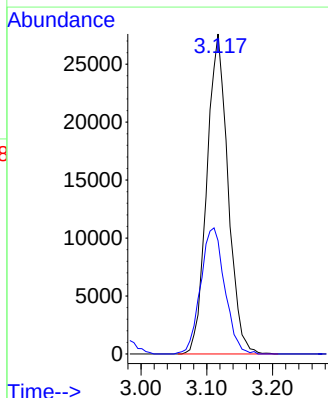
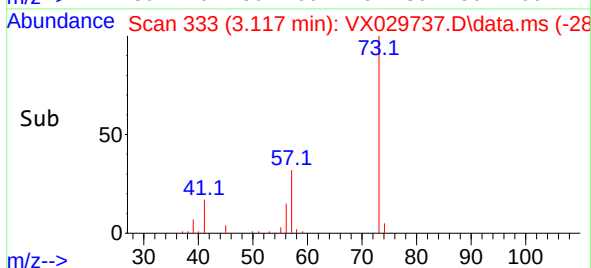
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

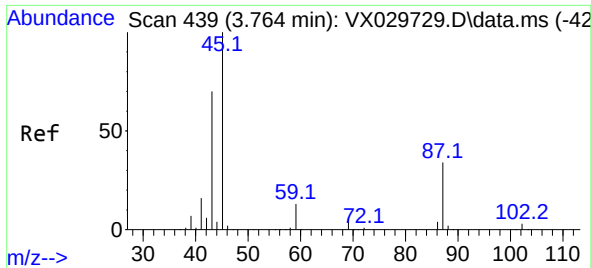


#19
Methyl tert-butyl Ether
Concen: 6.439 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34



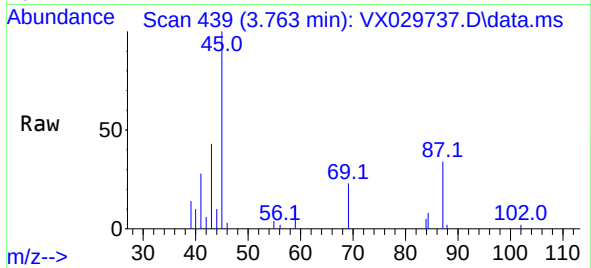
Tgt Ion: 73 Resp: 61709
Ion Ratio Lower Upper
73 100
57 35.4 16.8 25.2#





#22
Diisopropyl ether
Concen: 0.886 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34

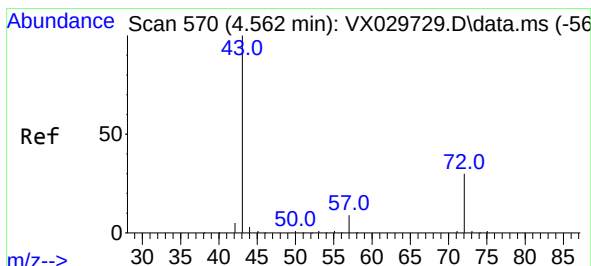
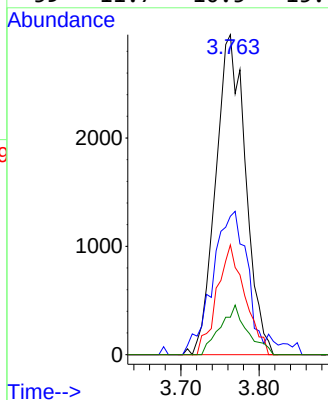
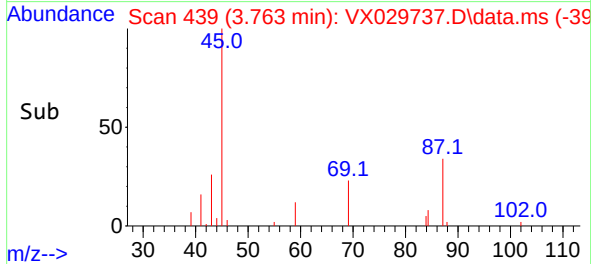
Instrument :
MSVOA_X
ClientSampleId :
MW-14



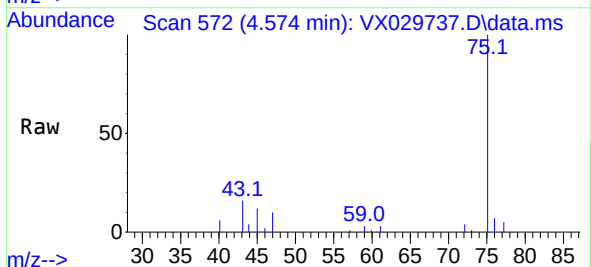
Tgt Ion: 45 Resp: 7814
Ion Ratio Lower Upper
45 100
43 43.3 50.8 76.2
87 34.3 26.6 39.8
59 11.7 10.5 15.7

Manual Integrations
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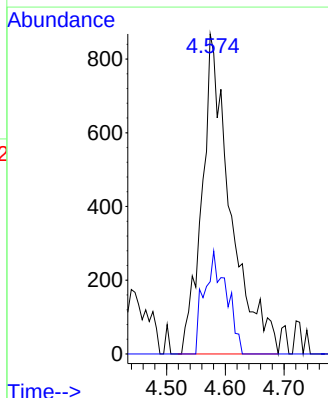
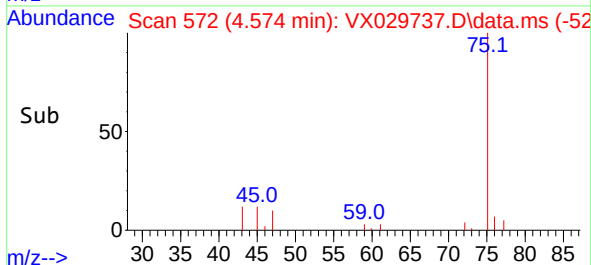
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

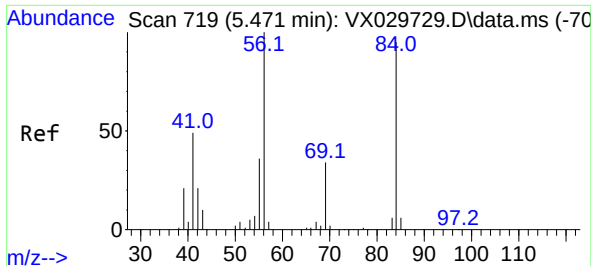


#25
2-Butanone
Concen: 1.295 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34



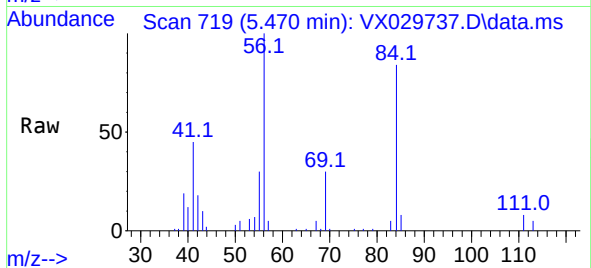
Tgt Ion: 43 Resp: 2943
Ion Ratio Lower Upper
43 100
72 22.6 24.4 36.6





#31
Cyclohexane
Concen: 3.811 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34

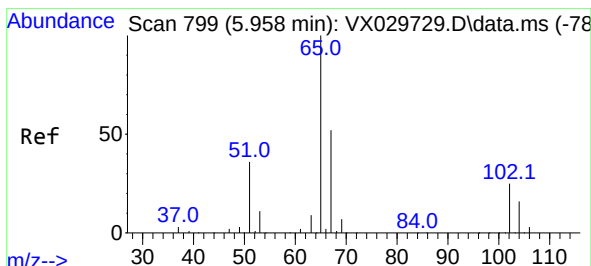
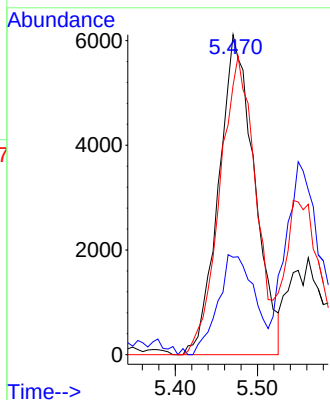
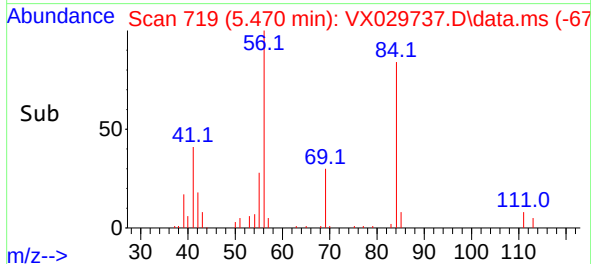
Instrument :
MSVOA_X
ClientSampleId :
MW-14



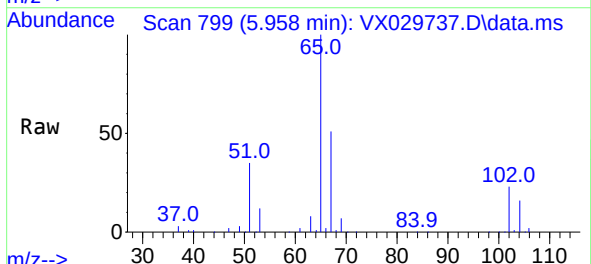
Tgt Ion: 56 Resp: 1845
Ion Ratio Lower Upper
56 100
69 30.4 26.7 40.1
84 84.1 77.2 115.8

Manual Integrations
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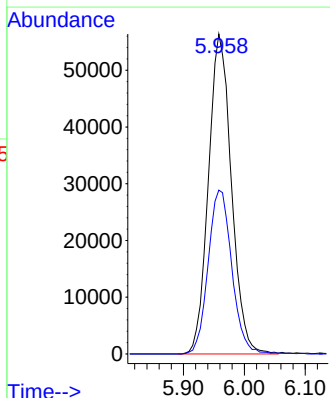
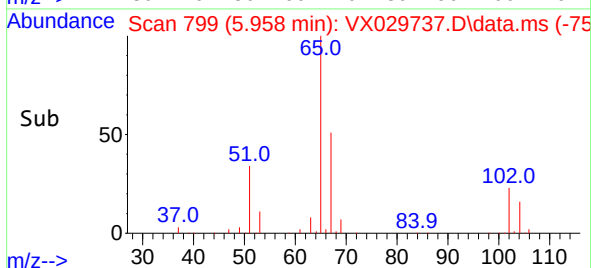
Reviewed By :John Carlone 06/24/2022
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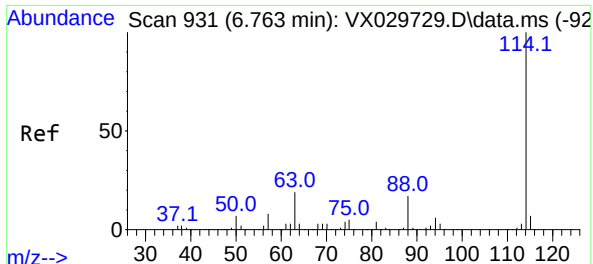


#33
1,2-Dichloroethane-d4
Concen: 40.952 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34



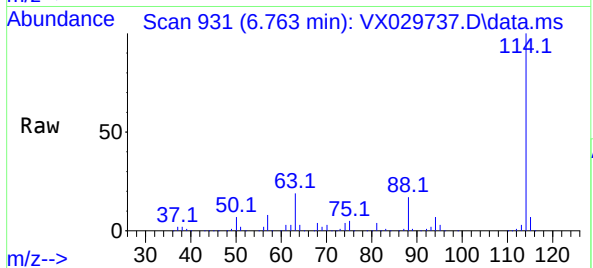
Tgt Ion: 65 Resp: 147697
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34

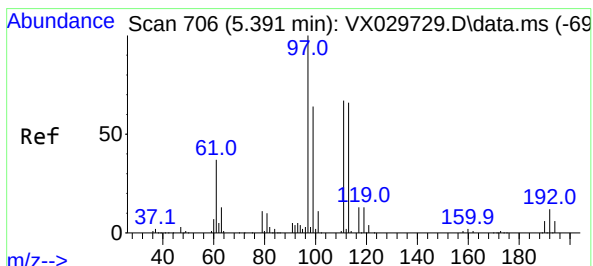
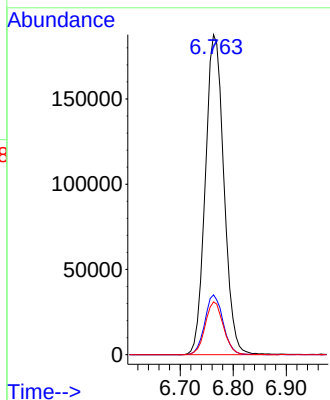
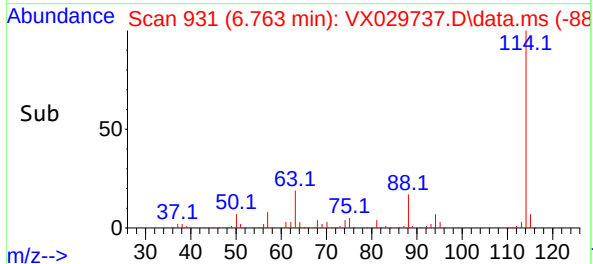
Instrument :
MSVOA_X
ClientSampleId :
MW-14



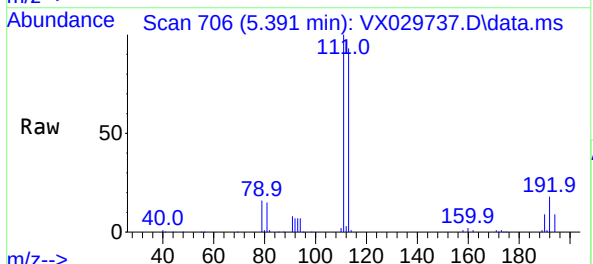
Tgt Ion:114 Resp: 456912
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.8
88 16.5 0.0 32.4

Manual Integrations
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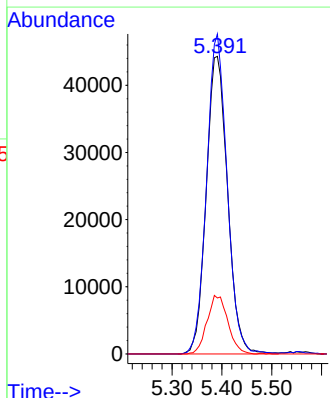
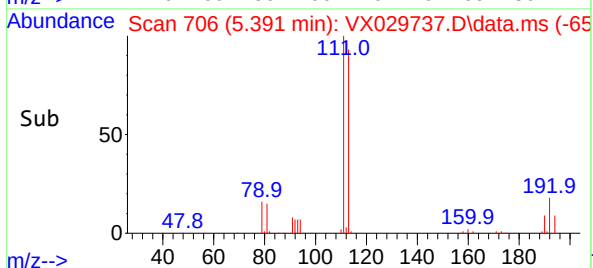
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

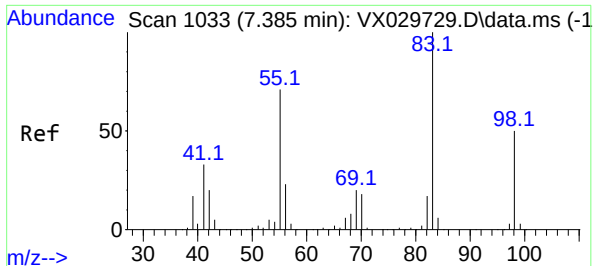


#35
Dibromofluoromethane
Concen: 44.252 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34



Tgt Ion:113 Resp: 131767
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 19.2 16.9 25.3





#39

Methylcyclohexane

Concen: 2.188 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029737.D

Acq: 23 Jun 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

MW-14

Tgt Ion: 83 Resp: 1099

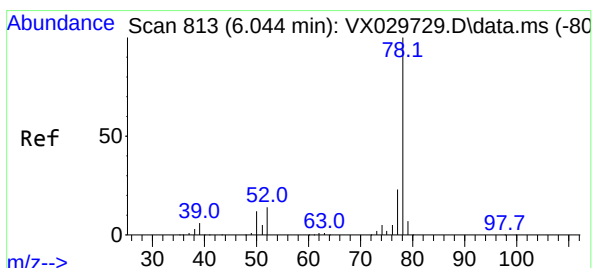
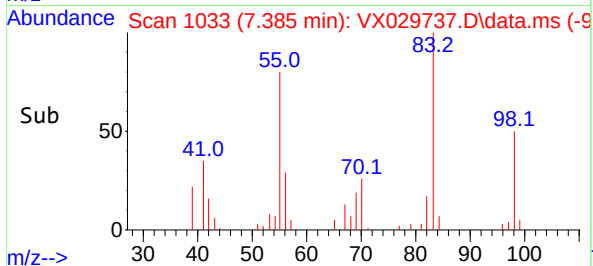
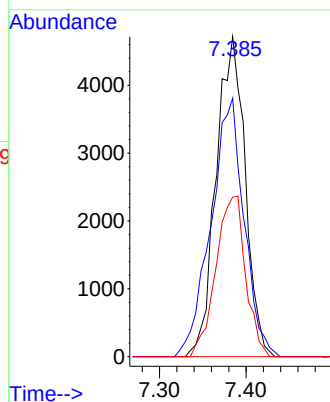
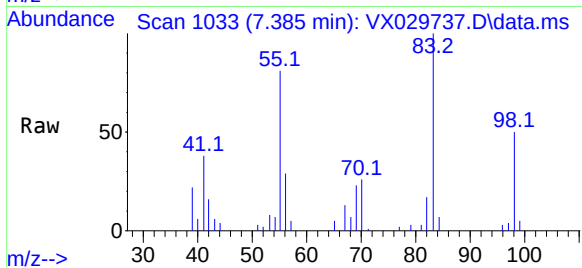
Ion	Ratio	Lower	Upper
83	100		
55	80.8	54.6	81.8
98	49.9	37.4	56.2

Manual Integrations

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Supervised By :Semsettin Yesilyurt 06/28/2022



#40

Benzene

Concen: 51.426 ug/l

RT: 6.043 min Scan# 813

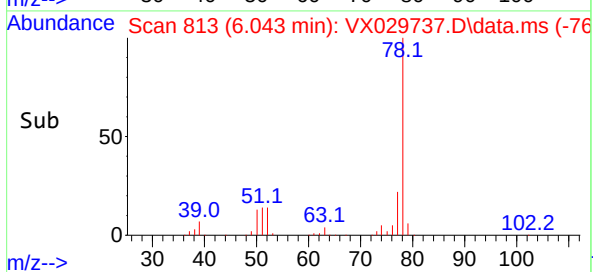
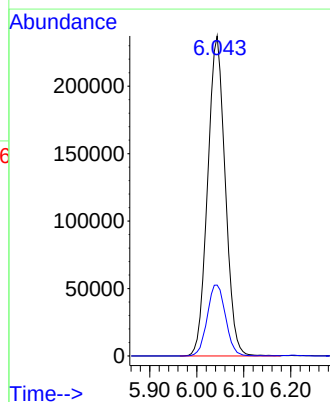
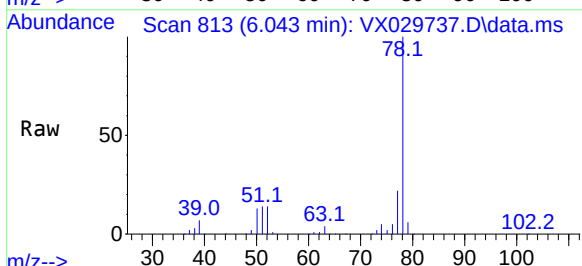
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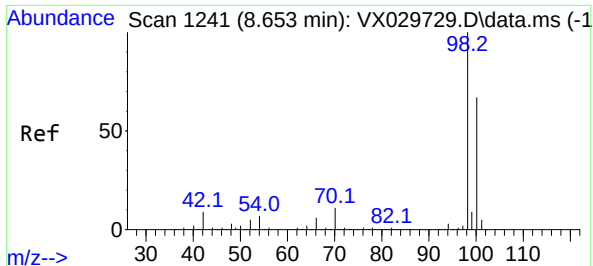
Lab File: VX029737.D

Acq: 23 Jun 2022 12:34

Tgt Ion: 78 Resp: 614331

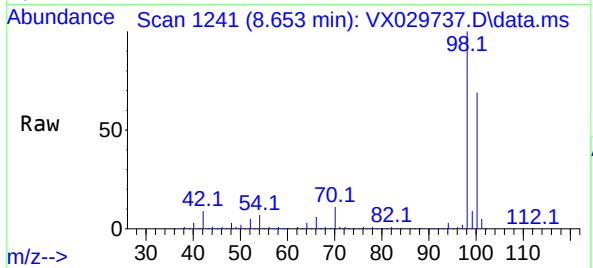
Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.3	28.9





#50
Toluene-d8
Concen: 47.031 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34

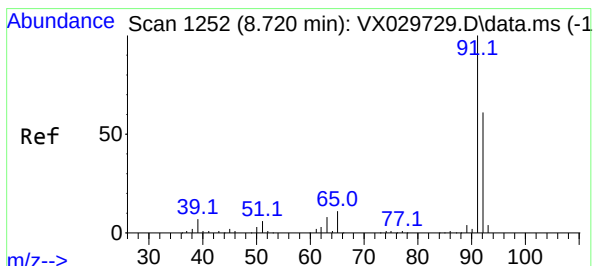
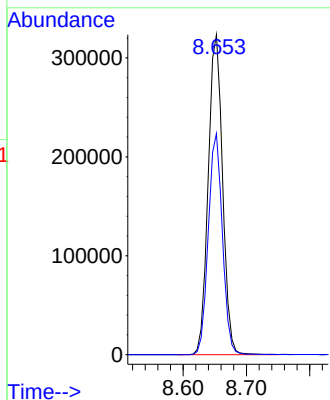
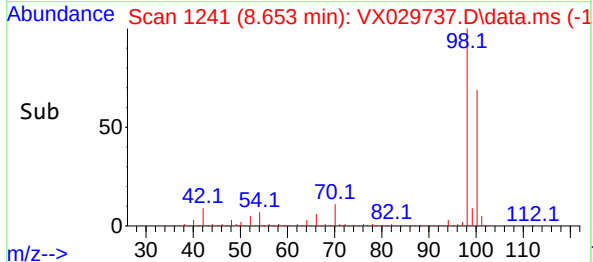
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MSVOA_X
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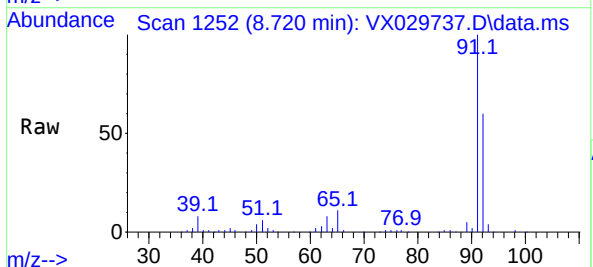
Tgt Ion: 98 Resp: 511592
Ion Ratio Lower Upper
98 100
100 67.8 52.6 78.8

Manual Integrations
APPROVED

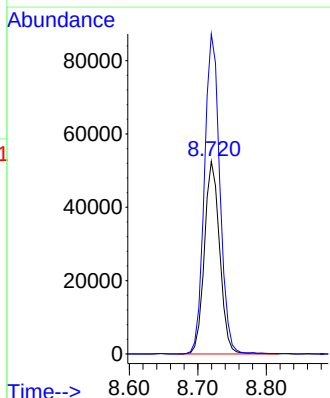
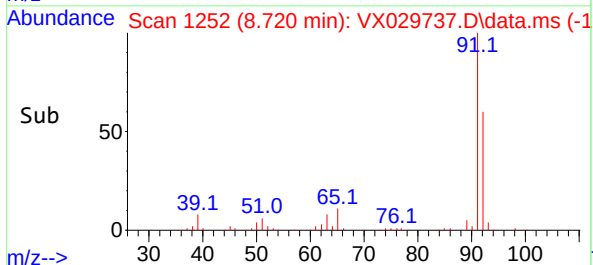
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

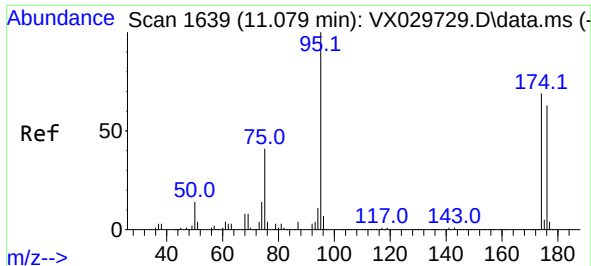


#52
Toluene
Concen: 10.634 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34



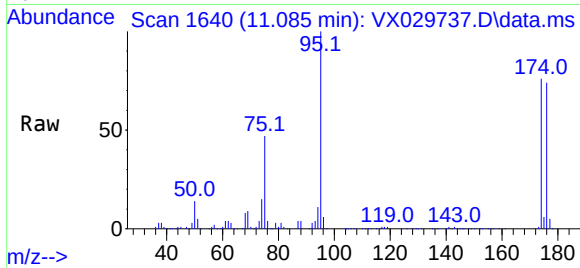
Tgt Ion: 92 Resp: 81342
Ion Ratio Lower Upper
92 100
91 168.5 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 45.278 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34

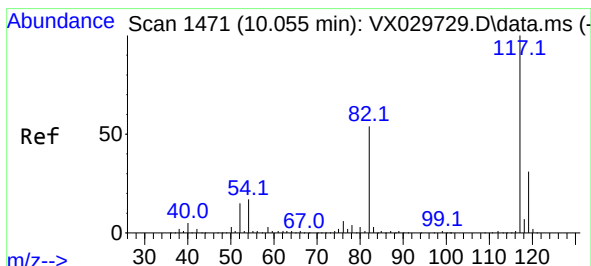
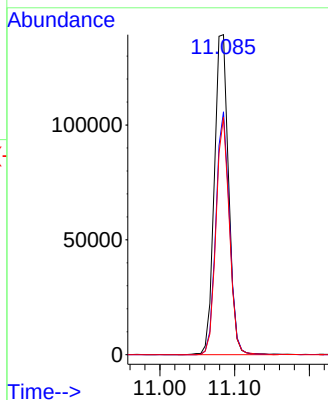
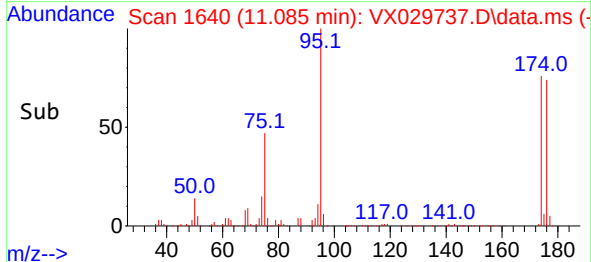
Instrument :
MSVOA_X
ClientSampleId :
MW-14



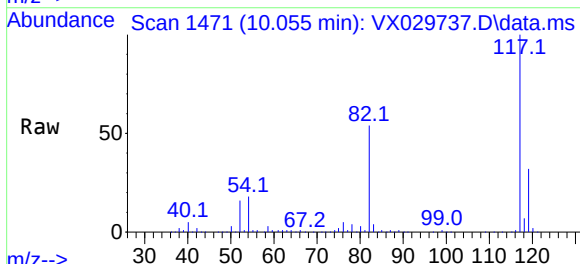
Tgt Ion: 95 Resp: 185738
Ion Ratio Lower Upper
95 100
174 72.1 0.0 163.0
176 69.3 0.0 155.0

Manual Integrations
APPROVED

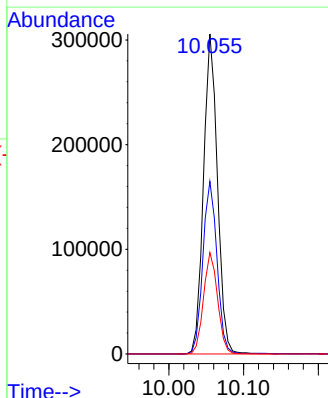
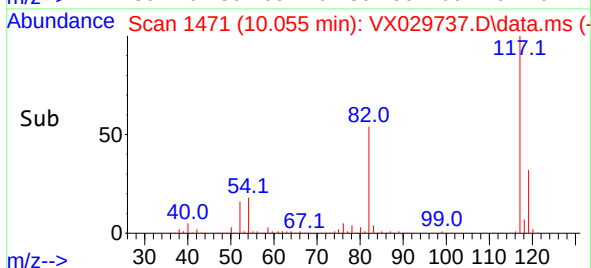
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

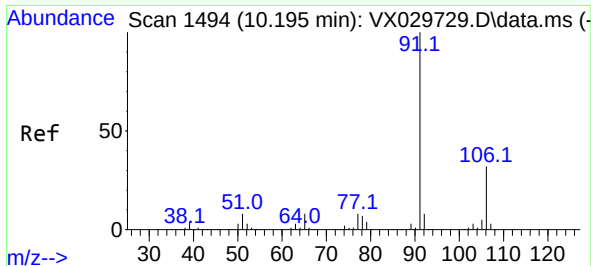


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34



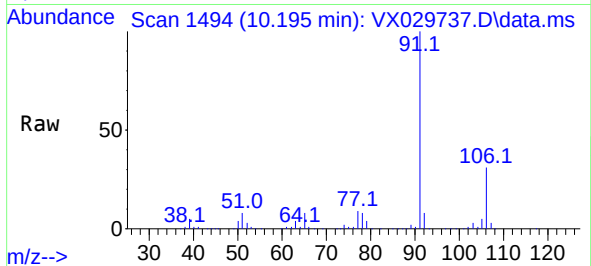
Tgt Ion:117 Resp: 395546
Ion Ratio Lower Upper
117 100
82 53.9 41.8 62.8
119 31.7 24.8 37.2





#67
Ethyl Benzene
Concen: 25.330 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34

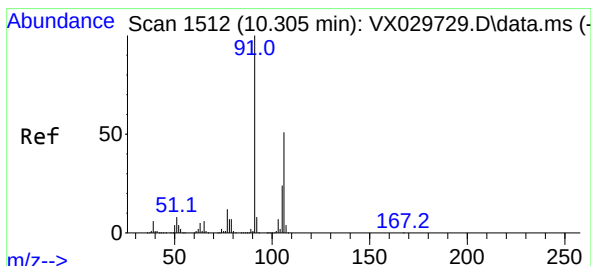
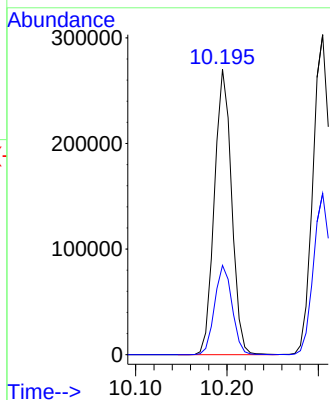
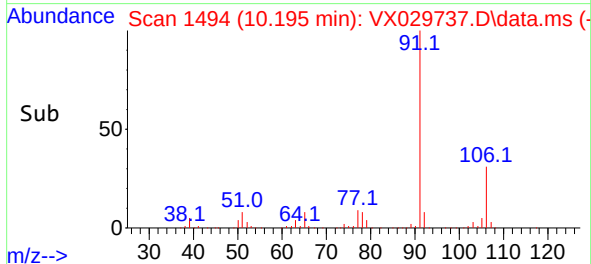
Instrument :
MSVOA_X
ClientSampleId :
MW-14



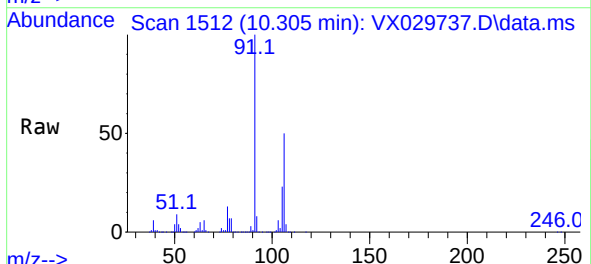
Tgt Ion: 91 Resp: 353654
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8

Manual Integrations
APPROVED

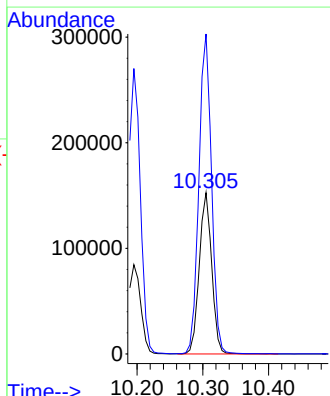
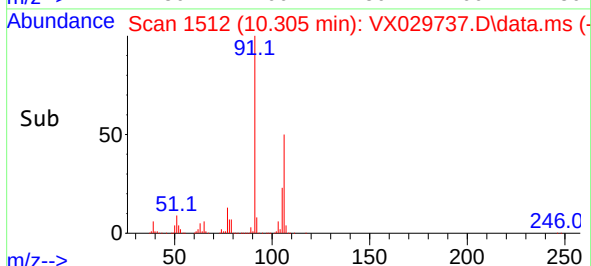
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

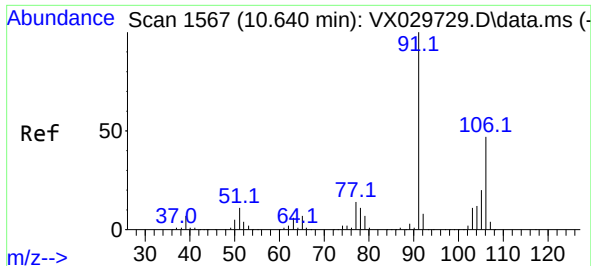


#68
m/p-Xylenes
Concen: 36.912 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34



Tgt Ion:106 Resp: 200979
Ion Ratio Lower Upper
106 100
91 201.1 160.4 240.6





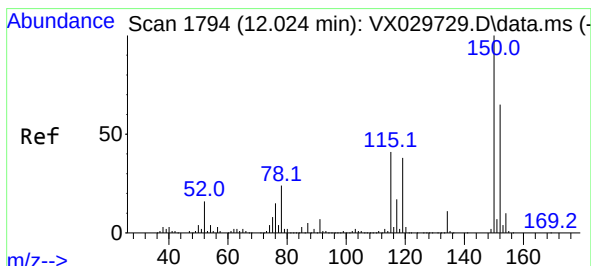
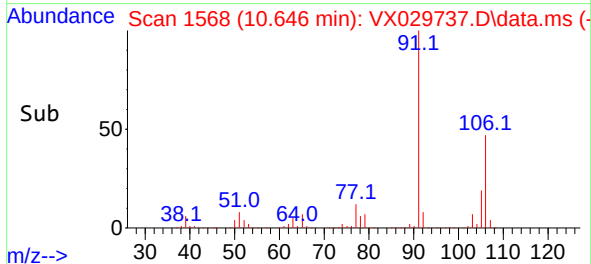
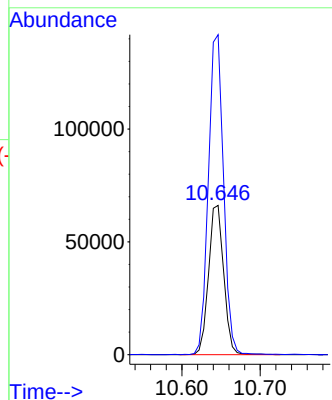
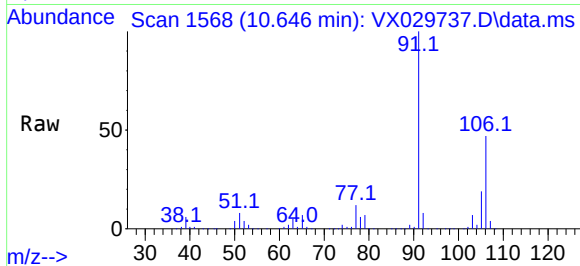
#69
o-Xylene
Concen: 16.465 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tgt Ion:106 Resp: 8857
Ion Ratio Lower Upper
106 100
91 214.7 106.1 318.1

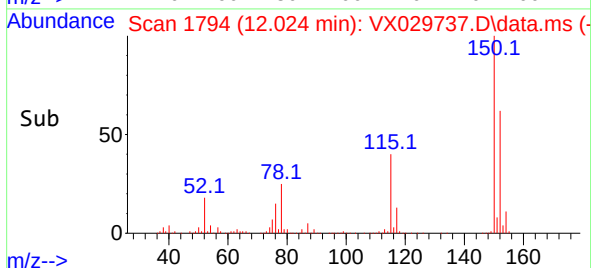
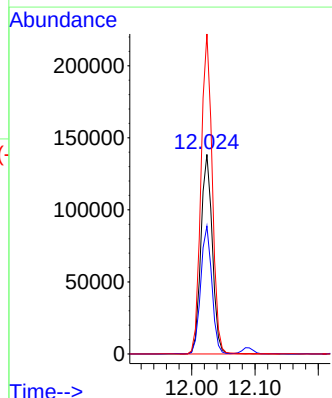
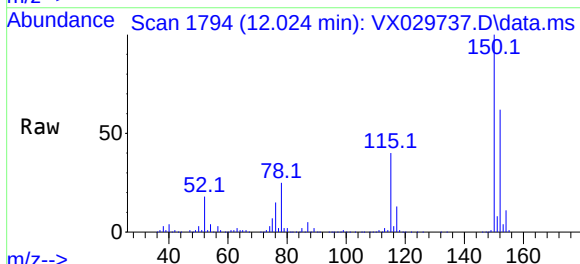
Manual Integrations
APPROVED

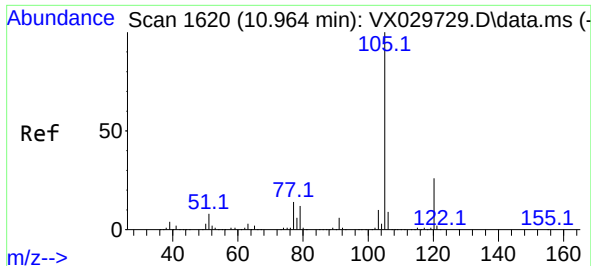
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34

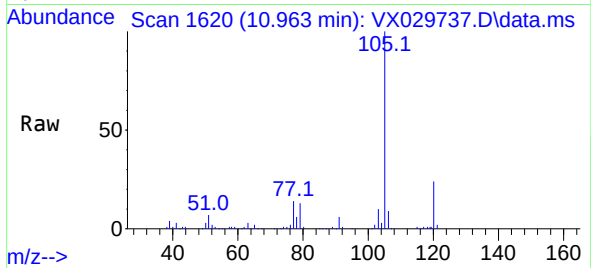
Tgt Ion:152 Resp: 173905
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 158.0 0.0 338.2





#73
Isopropylbenzene
Concen: 4.085 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34

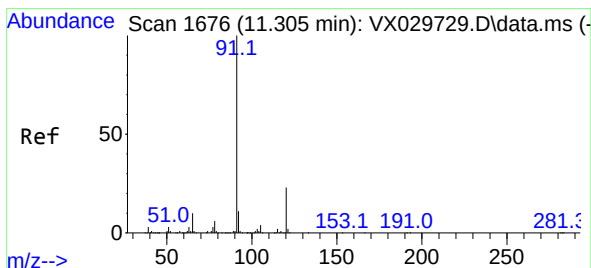
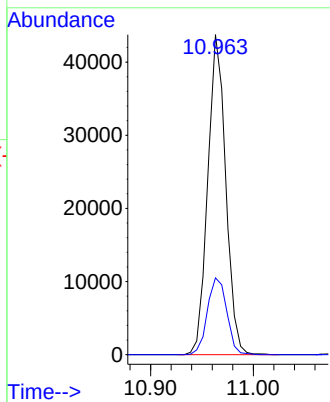
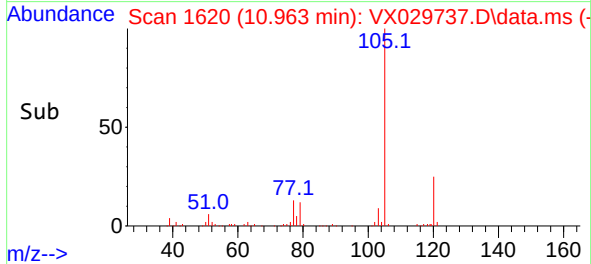
Instrument :
MSVOA_X
ClientSampleId :
MW-14



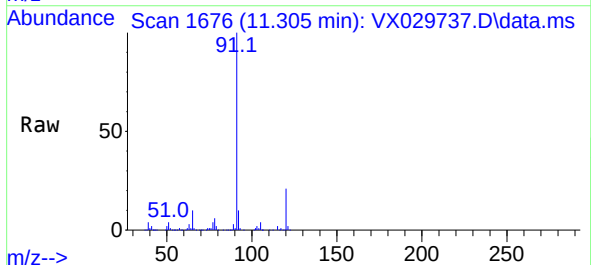
Tgt Ion:105 Resp: 5326
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.5

Manual Integrations
APPROVED

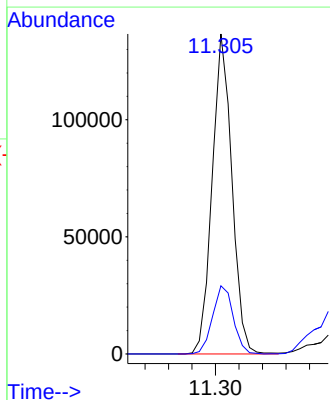
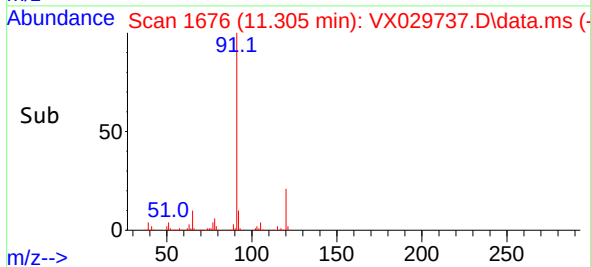
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

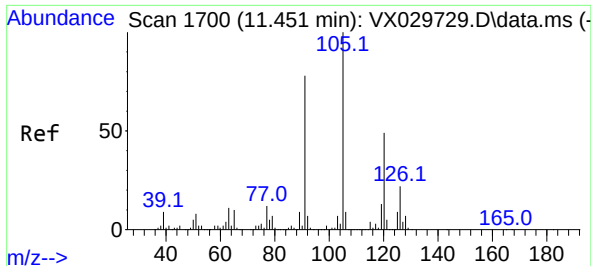


#78
n-propylbenzene
Concen: 10.825 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34



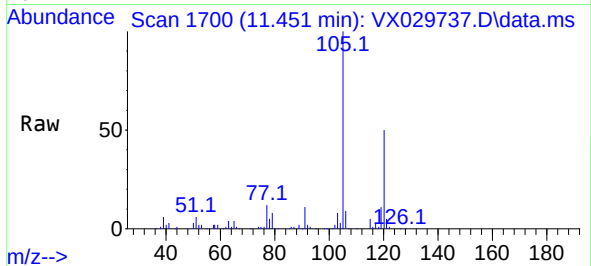
Tgt Ion: 91 Resp: 158969
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 4.297 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34

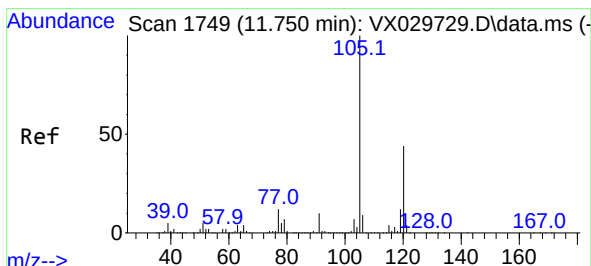
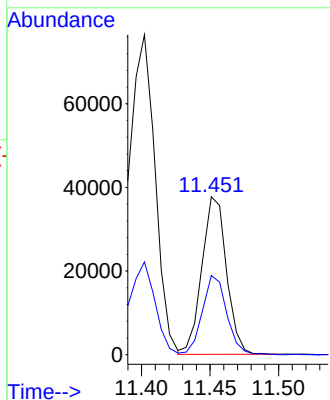
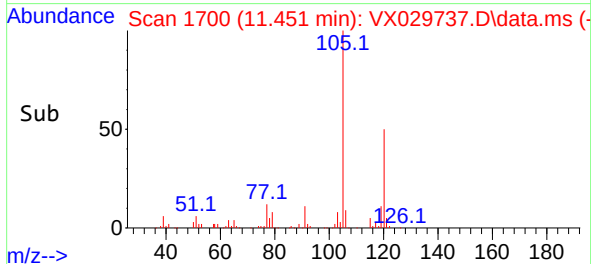
Instrument :
MSVOA_X
ClientSampleId :
MW-14



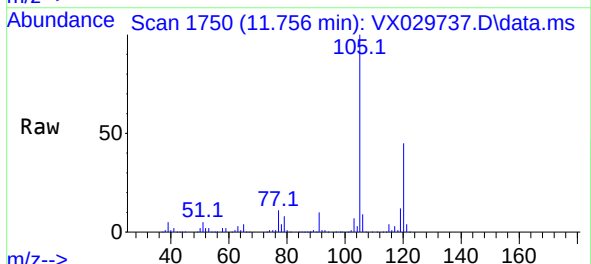
Tgt Ion:105 Resp: 4718
Ion Ratio Lower Upper
105 100
120 49.8 24.3 72.9

Manual Integrations
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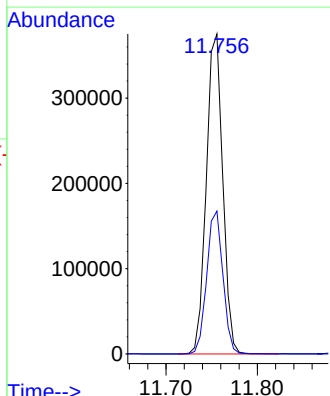
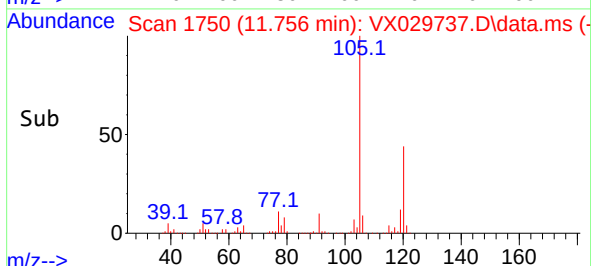
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

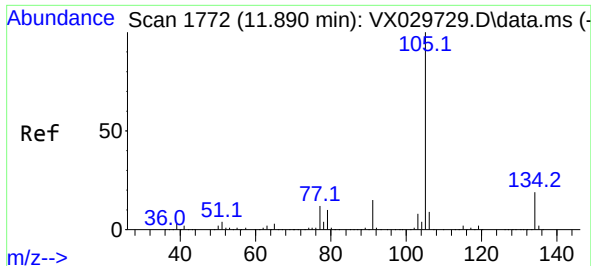


#84
1,2,4-Trimethylbenzene
Concen: 42.654 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029737.D
Acq: 23 Jun 2022 12:34



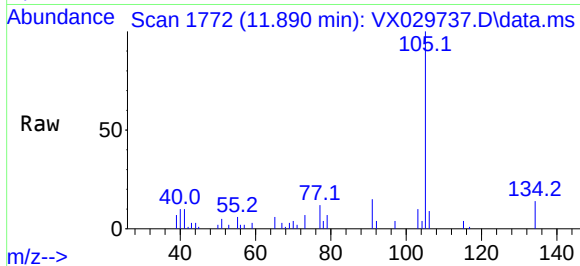
Tgt Ion:105 Resp: 467147
Ion Ratio Lower Upper
105 100
120 44.1 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 0.397 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX029737.D
 Acq: 23 Jun 2022 12:34

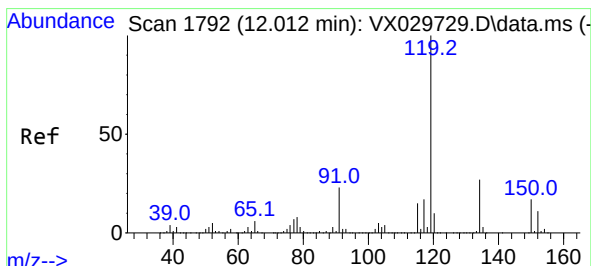
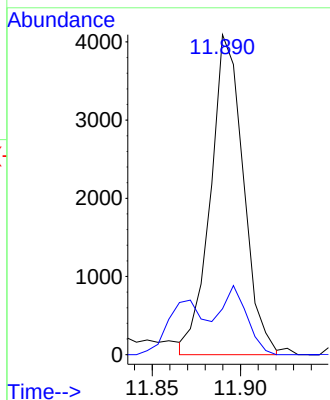
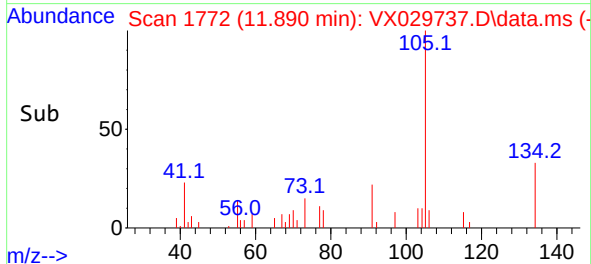
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14



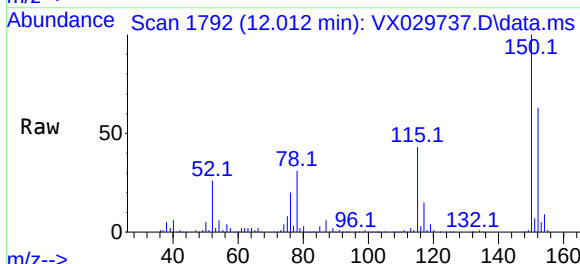
Tgt Ion:105 Resp: 5260
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

Manual Integrations
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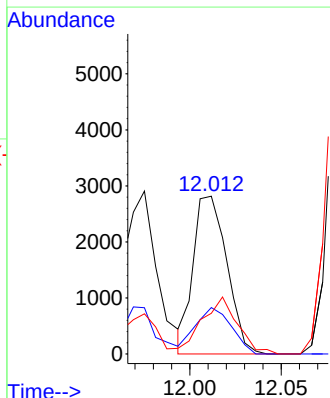
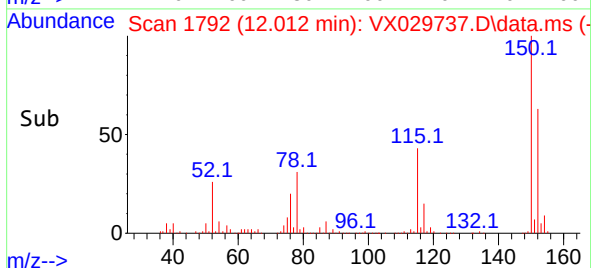
Reviewed By :John Carlone 06/24/2022
 Supervised By :Semsettin Yesilyurt 06/28/2022

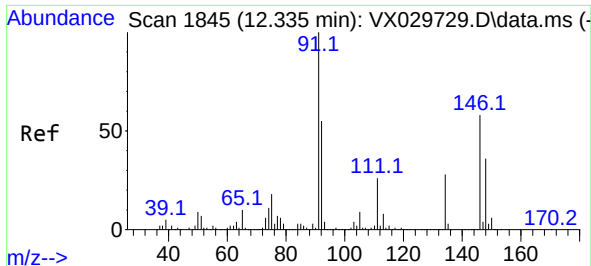


#86
 p-Isopropyltoluene
 Concen: 0.325 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX029737.D
 Acq: 23 Jun 2022 12:34



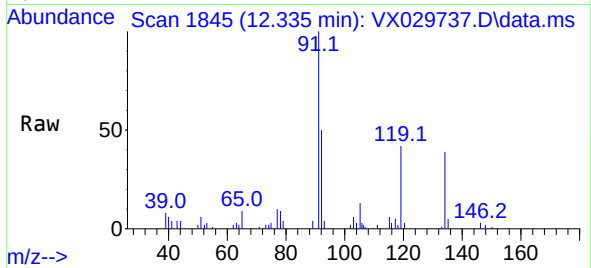
Tgt Ion:119 Resp: 3608
 Ion Ratio Lower Upper
 119 100
 134 31.7 13.0 39.0
 91 0.0 11.3 33.9





#89
 n-Butylbenzene
 Concen: 0.968 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX029737.D
 Acq: 23 Jun 2022 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14



Tgt Ion: 91 Resp: 9073

Ion	Ratio	Lower	Upper
91	100		
92	35.7	27.8	83.3
134	93.8	13.3	39.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/24/2022
 Supervised By :Semsettin Yesilyurt 06/28/2022

