

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029743.D
 Acq On : 23 Jun 2022 14:54
 Operator : JC/MD
 Sample : N3202-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11RE

Quant Time: Jun 24 05:39:26 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	273210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454765	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	392148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146405	40.482	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.960%		
35) Dibromofluoromethane	5.391	113	132566	44.731	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.460%		
50) Toluene-d8	8.653	98	514535	47.524	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.040%		
62) 4-Bromofluorobenzene	11.079	95	189857	46.501	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.000%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	64145	74.909	ug/l	99
16) Acetone	2.379	43	9082	6.300	ug/l	98
17) Carbon Disulfide	2.520	76	4517	0.629	ug/l	99
22) Diisopropyl ether	3.763	45	3365	0.381	ug/l #	79
25) 2-Butanone	4.568	43	10514	4.614	ug/l	100
31) Cyclohexane	5.476	56	23452	4.830	ug/l	96
39) Methylcyclohexane	7.385	83	60732	12.144	ug/l	90
40) Benzene	6.043	78	9528	0.801	ug/l	93
52) Toluene	8.720	92	4643	0.610	ug/l	100
67) Ethyl Benzene	10.195	91	296070	21.389	ug/l	98
68) m/p-Xylenes	10.305	106	58827	10.898	ug/l	99
69) o-Xylene	10.646	106	15828	2.968	ug/l	96
73) Isopropylbenzene	10.963	105	588273	43.958	ug/l	98
78) n-propylbenzene	11.305	91	763598	50.661	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1214588	107.767	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	3197780	284.485	ug/l	97
85) sec-Butylbenzene	11.890	105	45588m	3.347	ug/l	
86) p-Isopropyltoluene	12.012	119	24712m	2.167	ug/l	
95) Naphthalene	13.774	128	403650	32.241	ug/l	99

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

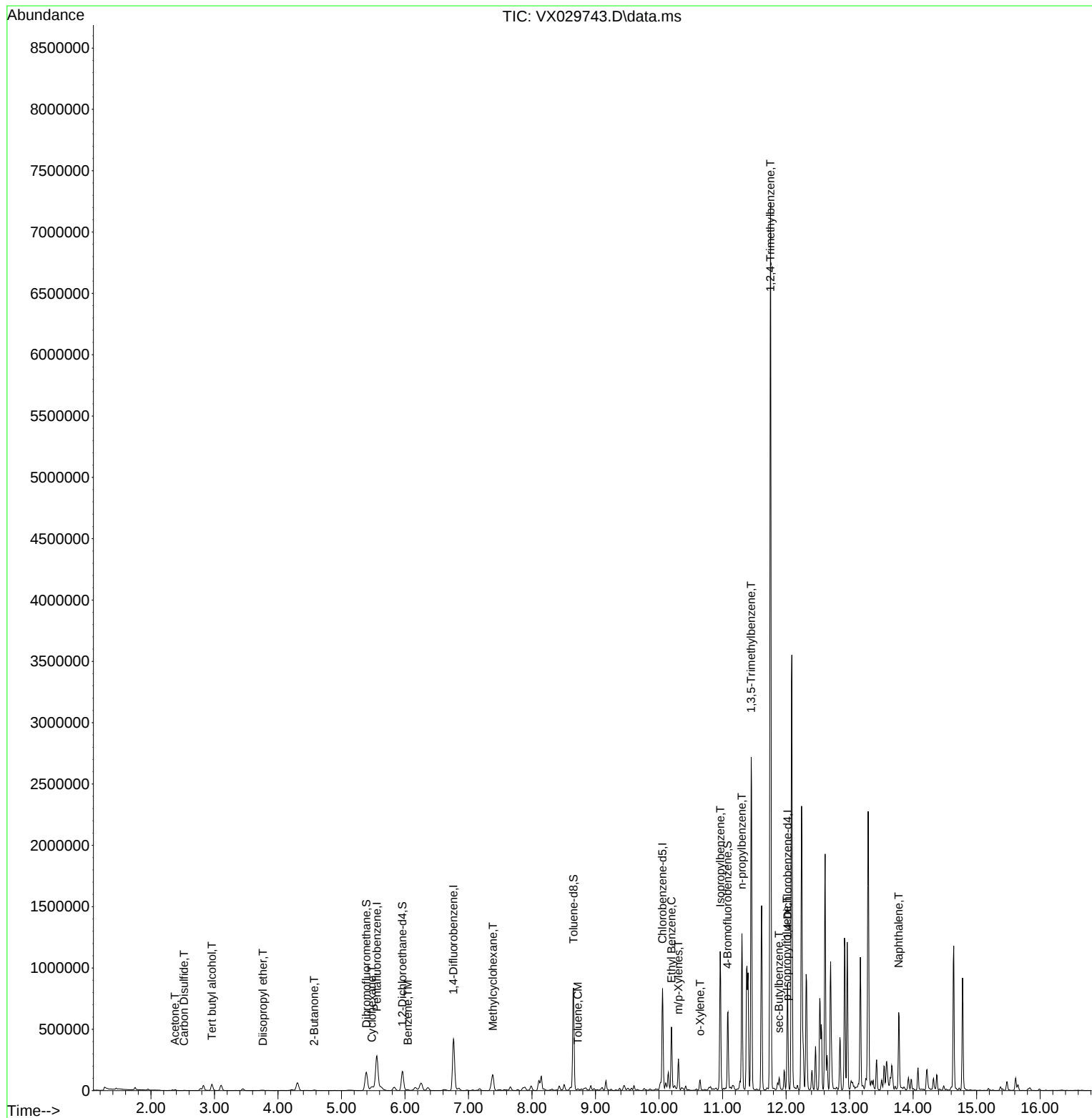
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
Data File : VX029743.D
Acq On : 23 Jun 2022 14:54
Operator : JC/MD
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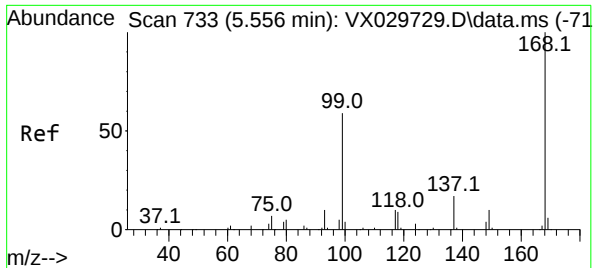
Instrument :
MSVOA_X
ClientSampleId :
MW-11RE

Quant Time: Jun 24 05:39:26 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
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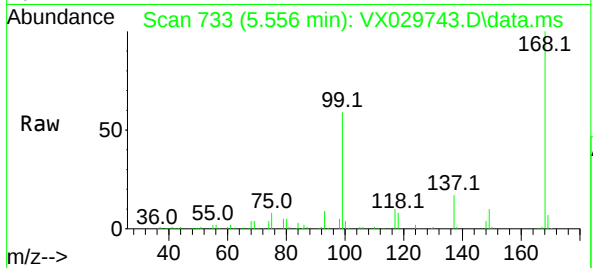
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54

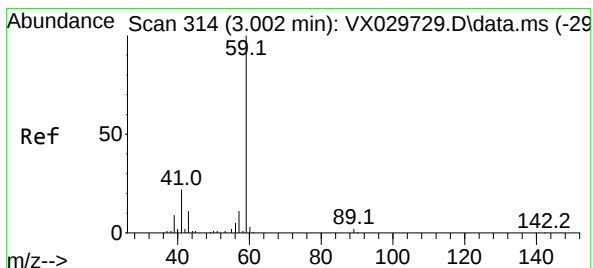
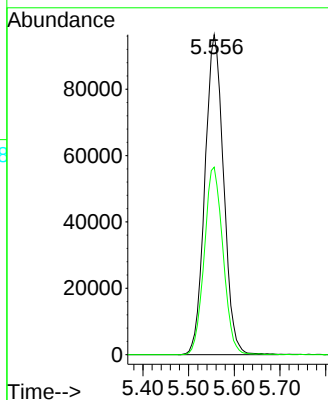
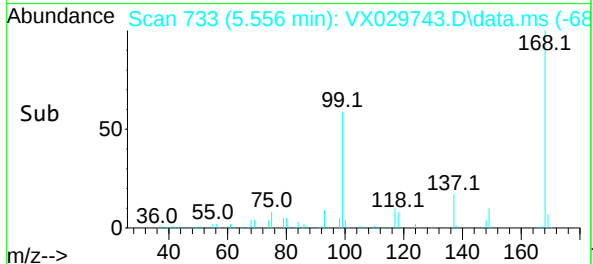
Instrument :
MSVOA_X
ClientSampleId :
MW-11RE



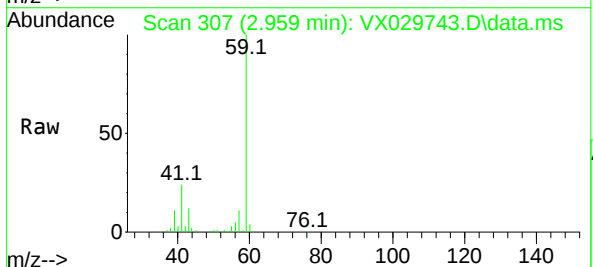
Tgt Ion:168 Resp: 273210
Ion Ratio Lower Upper
168 100
99 58.6 41.7 62.5

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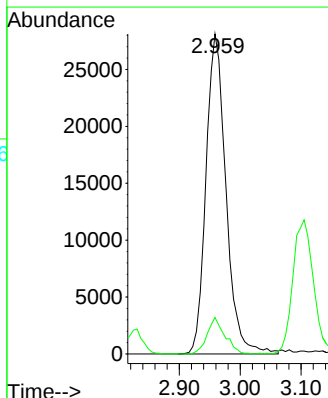
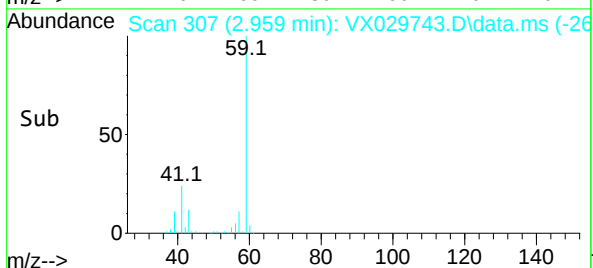
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

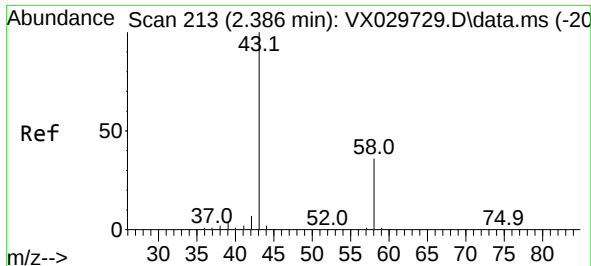


#11
Tert butyl alcohol
Concen: 74.909 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54



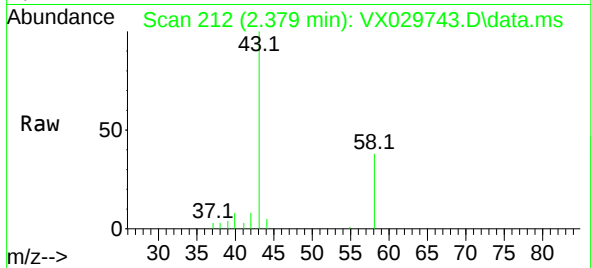
Tgt Ion: 59 Resp: 64145
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5





#16
Acetone
Concen: 6.300 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54

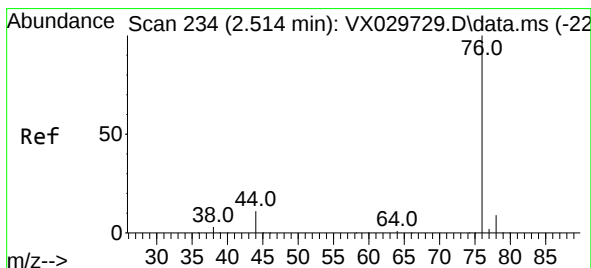
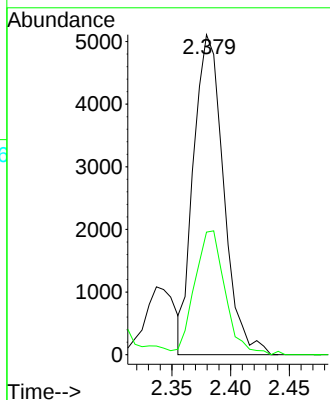
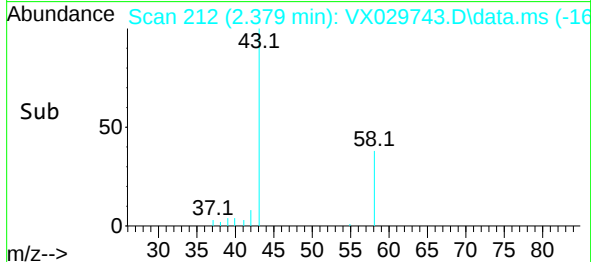
Instrument :
MSVOA_X
ClientSampleId :
MW-11RE



Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
58 37.3 28.8 43.2

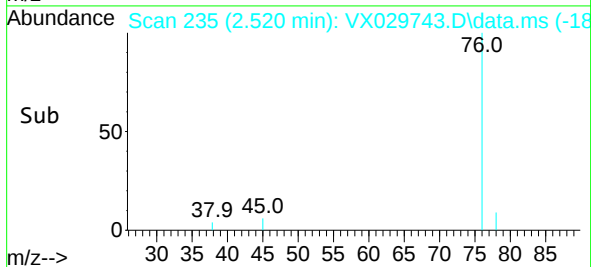
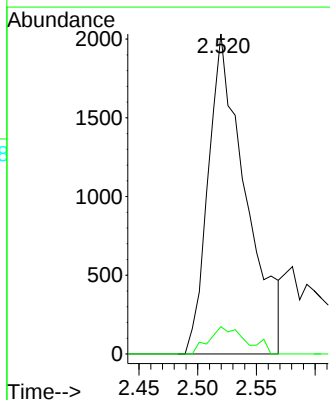
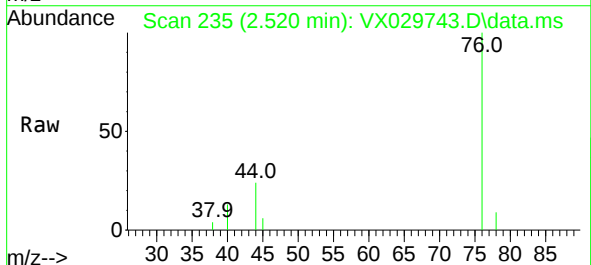
Manual Integrations
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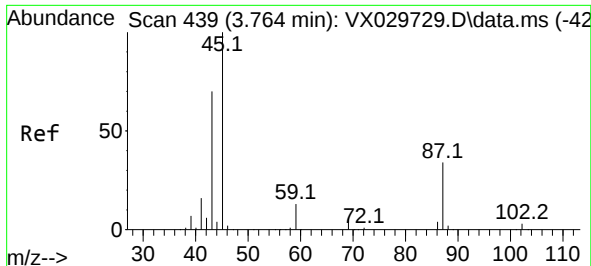
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#17
Carbon Disulfide
Concen: 0.629 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54

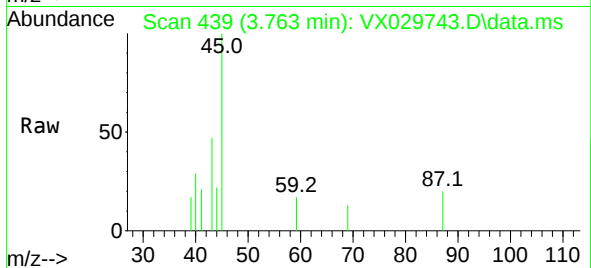
Tgt Ion: 76 Resp: 4517
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8





#22
Diisopropyl ether
Concen: 0.381 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54

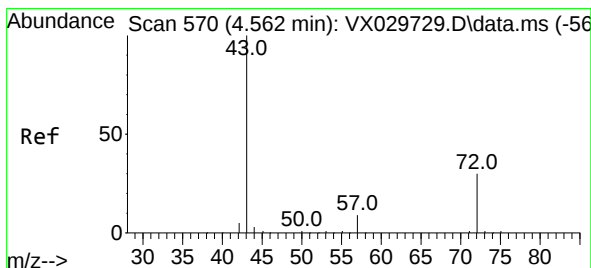
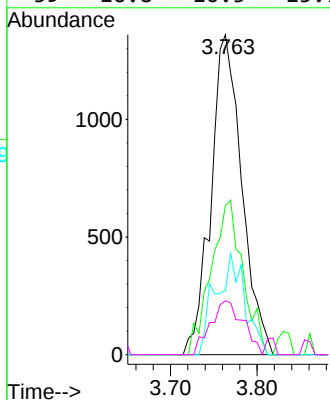
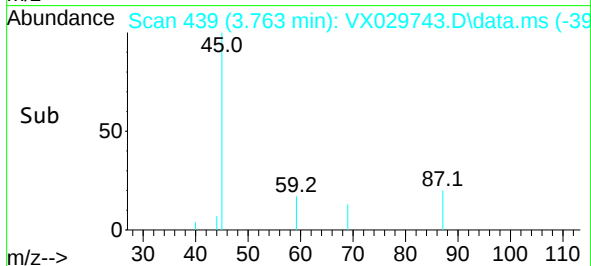
Instrument :
MSVOA_X
ClientSampleId :
MW-11RE



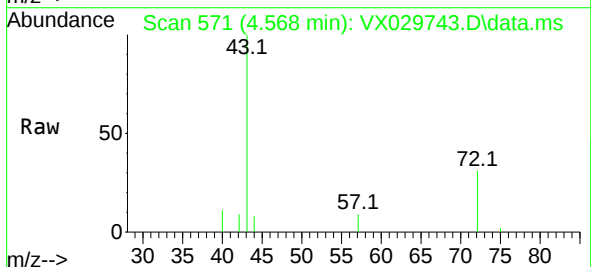
Tgt Ion: 45 Resp: 336
Ion Ratio Lower Upper
45 100
43 46.5 50.8 76.2
87 20.1 26.6 39.8
59 16.8 10.5 15.7

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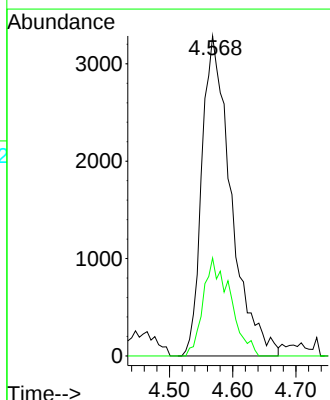
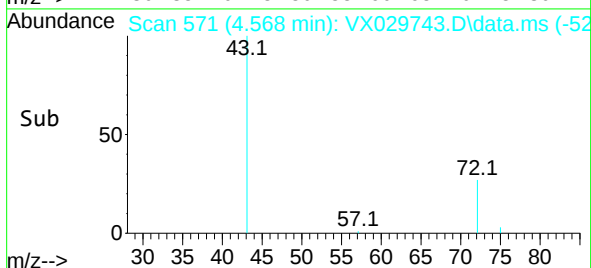
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

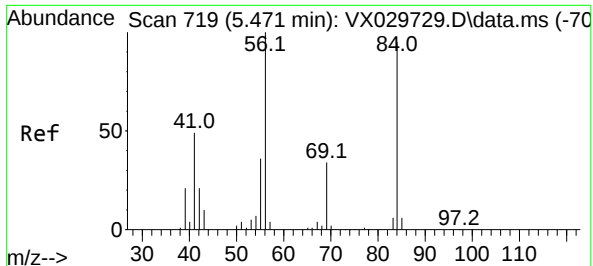


#25
2-Butanone
Concen: 4.614 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54



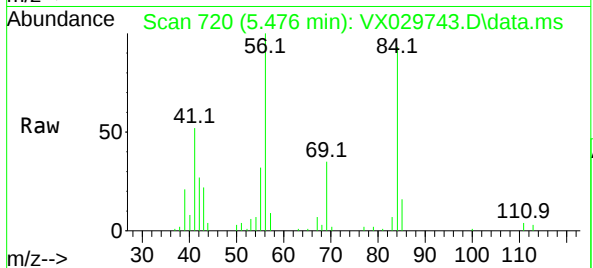
Tgt Ion: 43 Resp: 10514
Ion Ratio Lower Upper
43 100
72 30.6 24.4 36.6





#31
Cyclohexane
Concen: 4.830 ug/l
RT: 5.476 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54

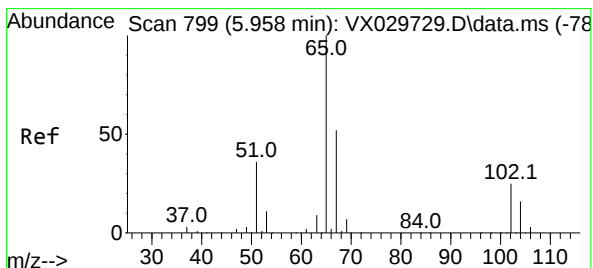
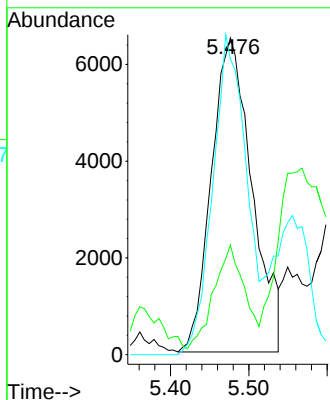
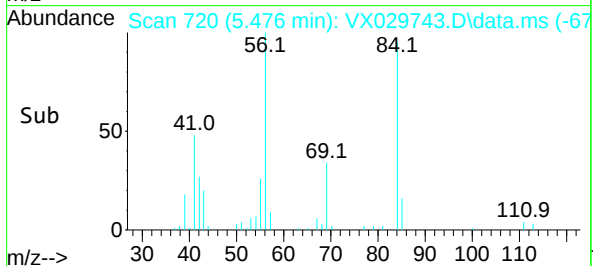
Instrument :
MSVOA_X
ClientSampleId :
MW-11RE



Tgt Ion: 56 Resp: 23452
Ion Ratio Lower Upper
56 100
69 29.1 26.7 40.1
84 94.2 77.2 115.8

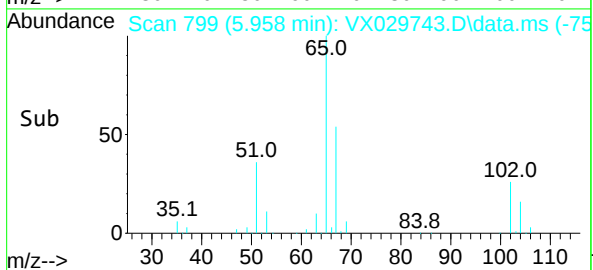
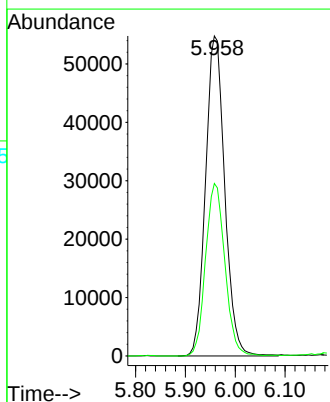
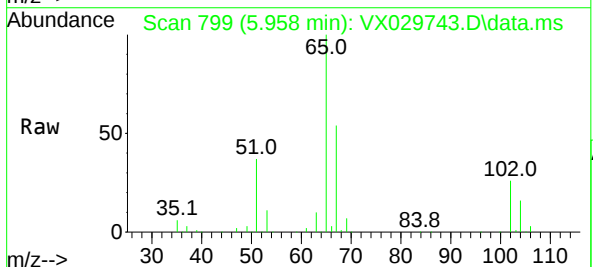
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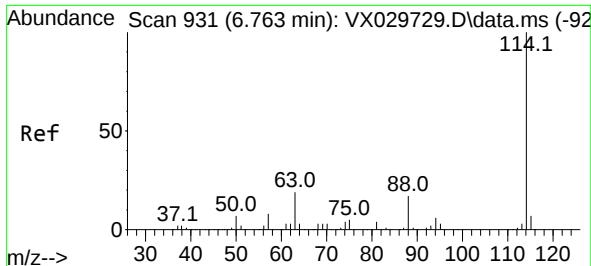
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#33
1,2-Dichloroethane-d4
Concen: 40.482 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54

Tgt Ion: 65 Resp: 146405
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.4





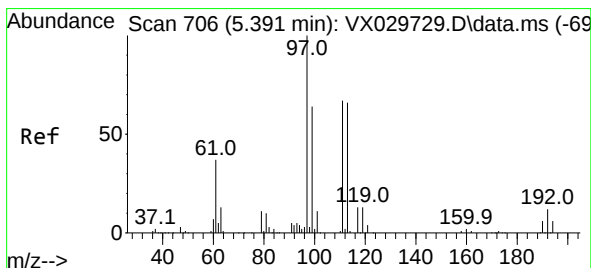
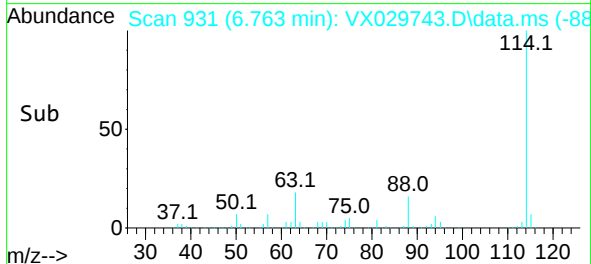
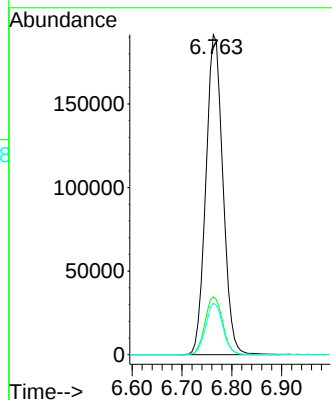
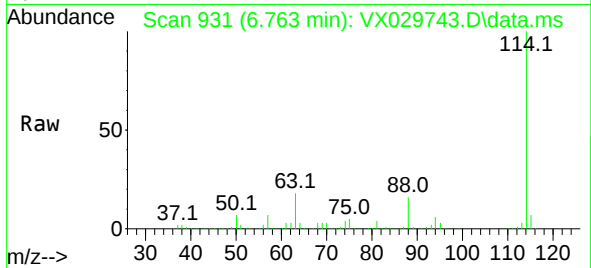
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
MW-11RE

Tgt Ion:114 Resp: 45476
Ion Ratio Lower Upper
114 100
63 18.1 0.0 36.8
88 16.1 0.0 32.4

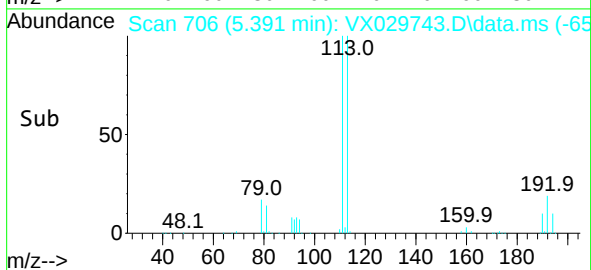
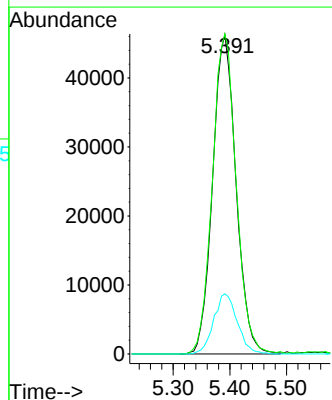
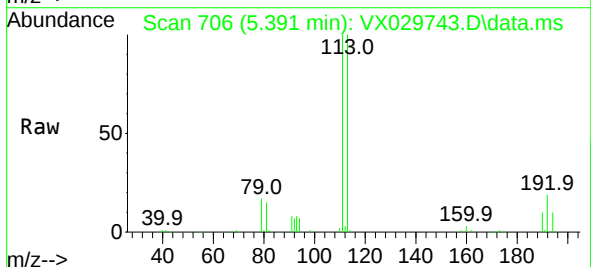
Manual Integrations
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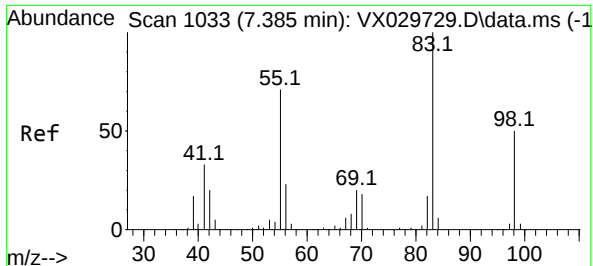
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#35
Dibromofluoromethane
Concen: 44.731 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54

Tgt Ion:113 Resp: 132566
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 19.0 16.9 25.3





#39

Methylcyclohexane

Concen: 12.144 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029743.D

Acq: 23 Jun 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

MW-11RE

Tgt Ion: 83 Resp: 6073

Ion Ratio Lower Upper

83 100

55 78.5 54.6 81.8

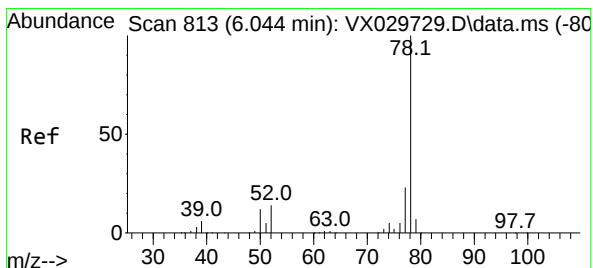
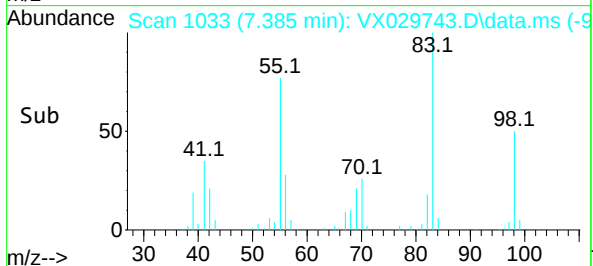
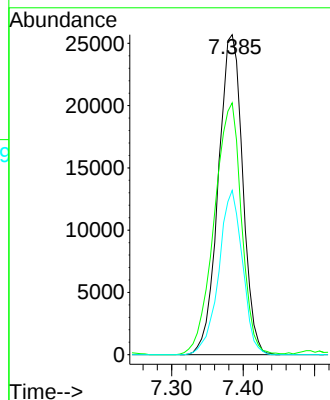
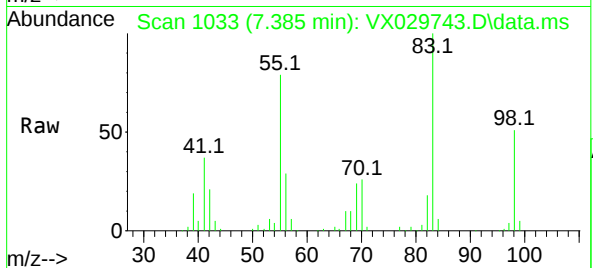
98 51.3 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Semsettin Yesilyurt 06/28/2022



#40

Benzene

Concen: 0.801 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.001 min

Lab File: VX029743.D

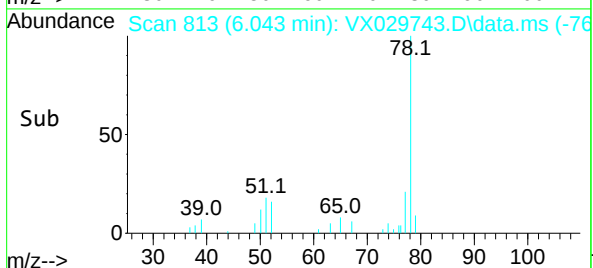
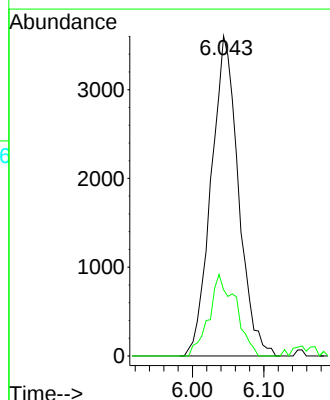
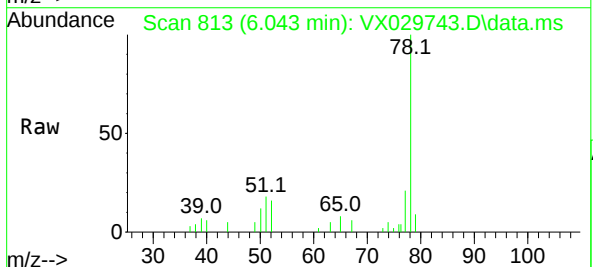
Acq: 23 Jun 2022 14:54

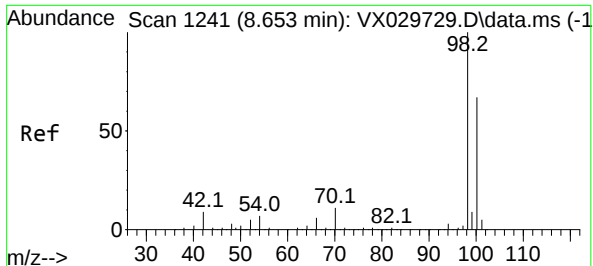
Tgt Ion: 78 Resp: 9528

Ion Ratio Lower Upper

78 100

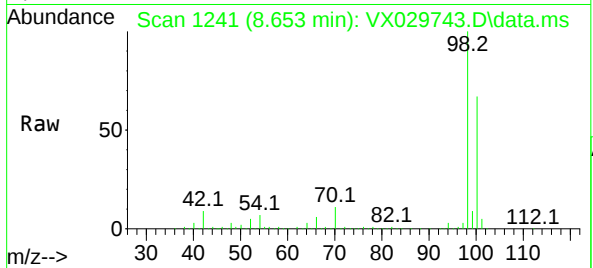
77 20.7 19.3 28.9





#50
Toluene-d8
Concen: 47.524 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54

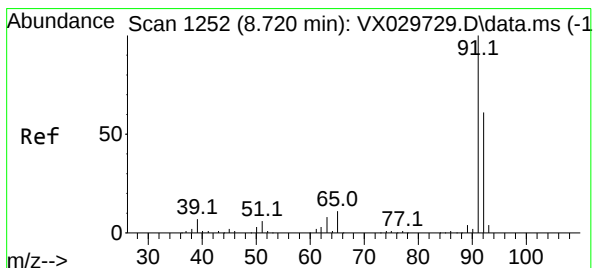
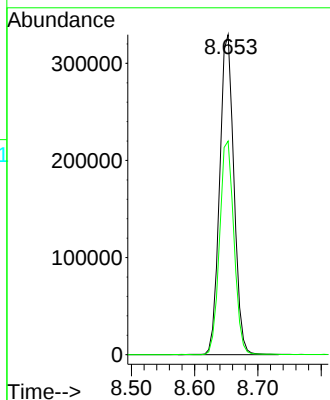
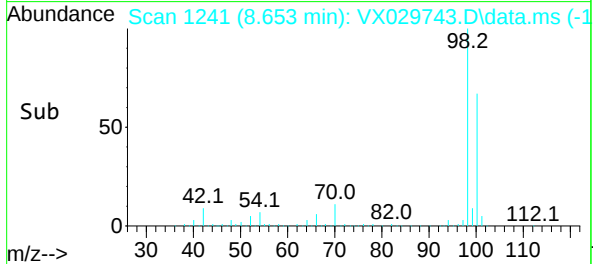
Instrument :
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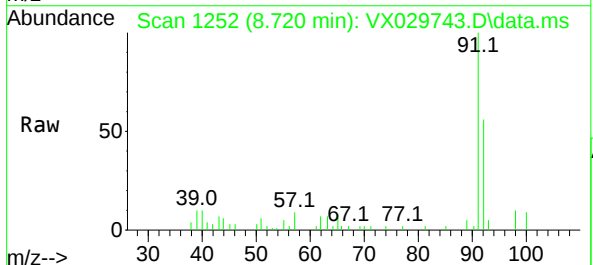
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Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8

Manual Integrations
APPROVED

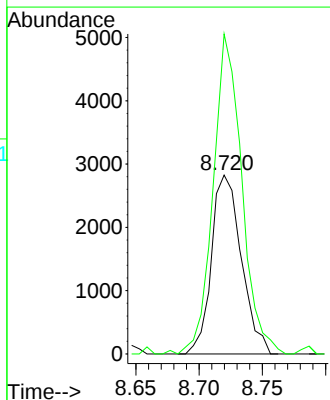
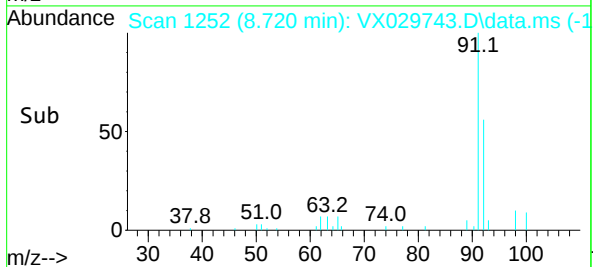
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

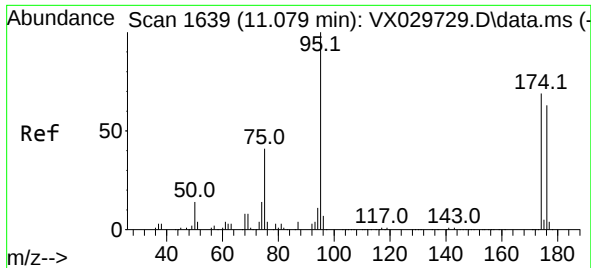


#52
Toluene
Concen: 0.610 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54



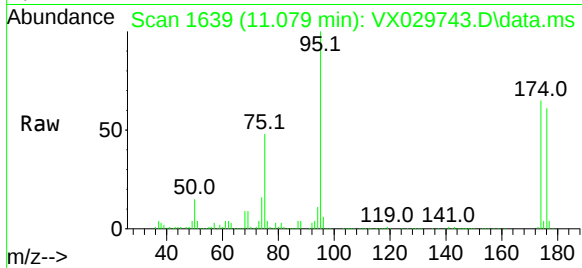
Tgt Ion: 92 Resp: 4643
Ion Ratio Lower Upper
92 100
91 171.6 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 46.501 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54

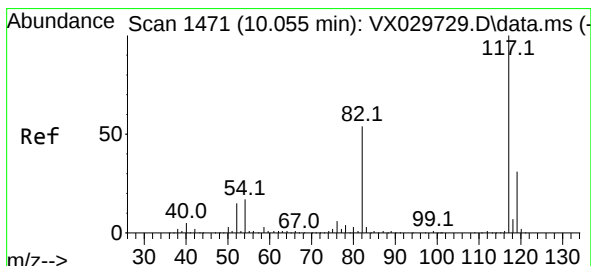
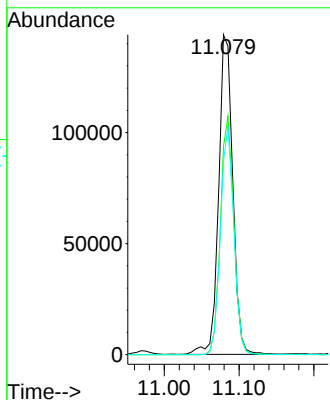
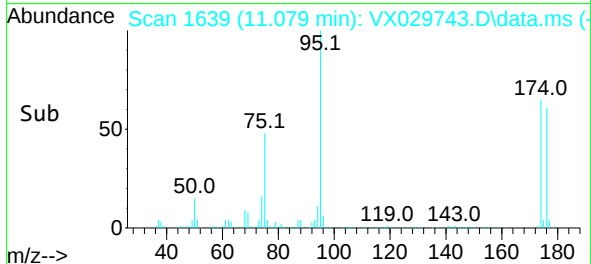
Instrument :
MSVOA_X
ClientSampleId :
MW-11RE



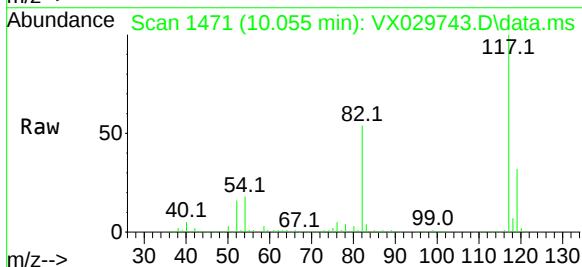
Tgt Ion: 95 Resp: 18985
Ion Ratio Lower Upper
95 100
174 71.1 0.0 163.0
176 67.4 0.0 155.0

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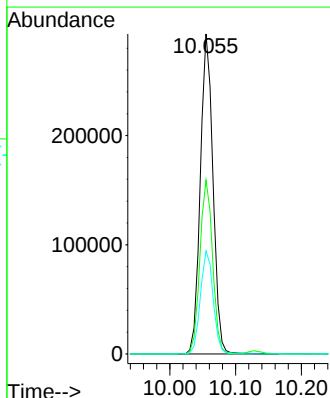
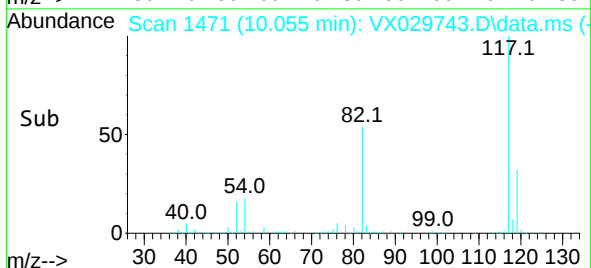
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

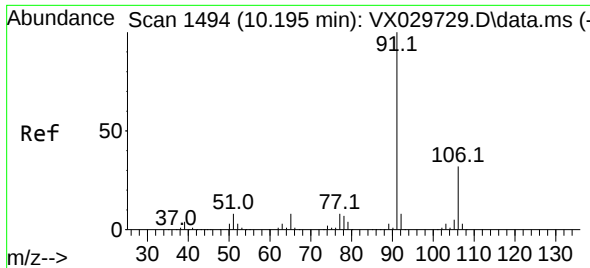


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54



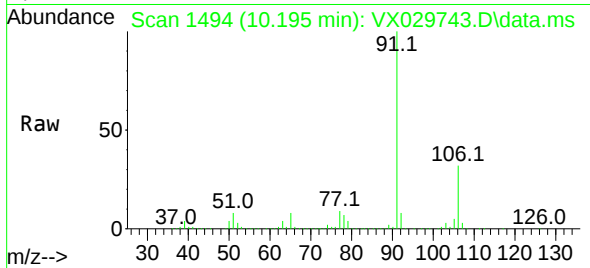
Tgt Ion:117 Resp: 392148
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.8
119 32.2 24.8 37.2





#67
Ethyl Benzene
Concen: 21.389 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54

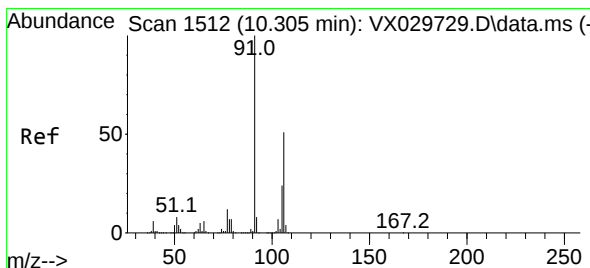
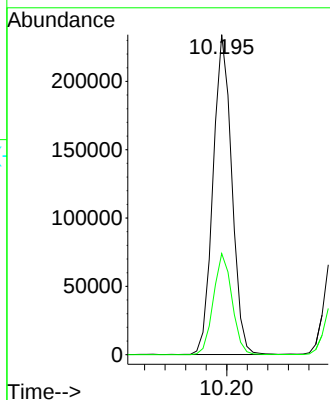
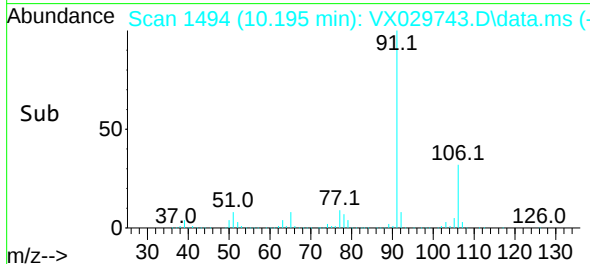
Instrument :
MSVOA_X
ClientSampleId :
MW-11RE



Tgt Ion: 91 Resp: 296070
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8

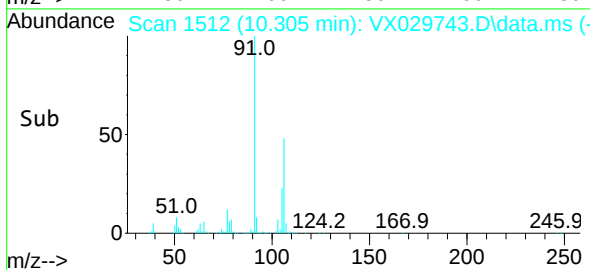
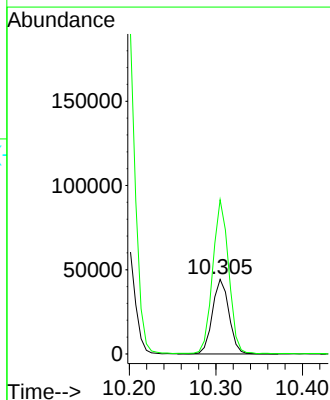
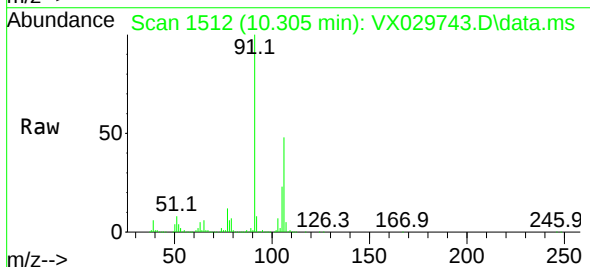
Manual Integrations
APPROVED

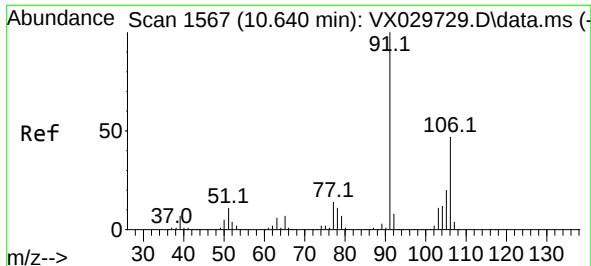
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#68
m/p-Xylenes
Concen: 10.898 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54

Tgt Ion:106 Resp: 58827
Ion Ratio Lower Upper
106 100
91 199.2 160.4 240.6





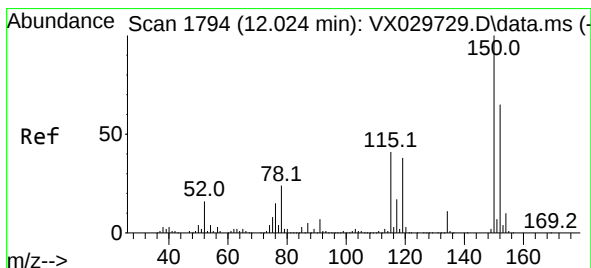
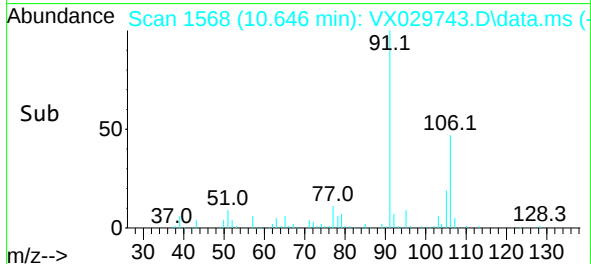
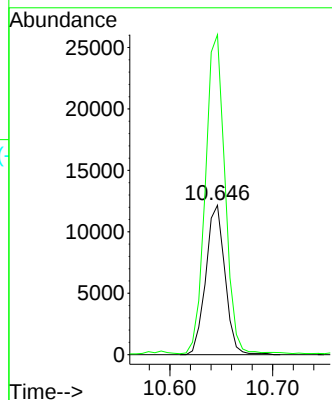
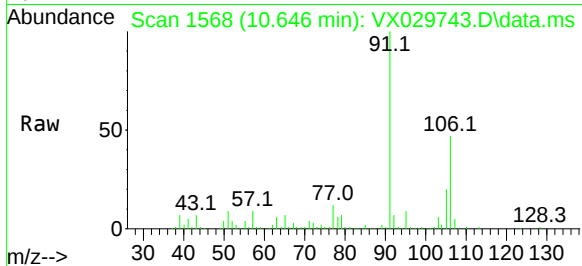
#69
o-Xylene
Concen: 2.968 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
MW-11RE

Tgt Ion:106 Resp: 15828
Ion Ratio Lower Upper
106 100
91 217.8 106.1 318.1

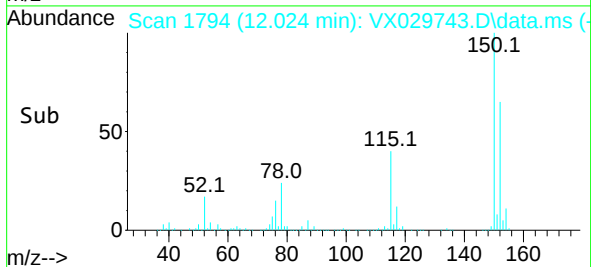
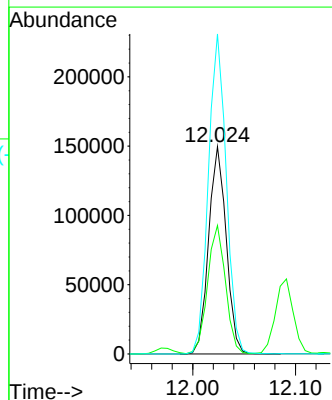
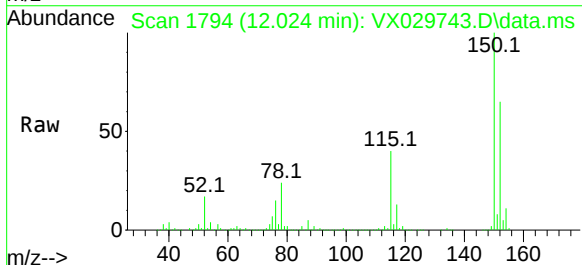
Manual Integrations
APPROVED

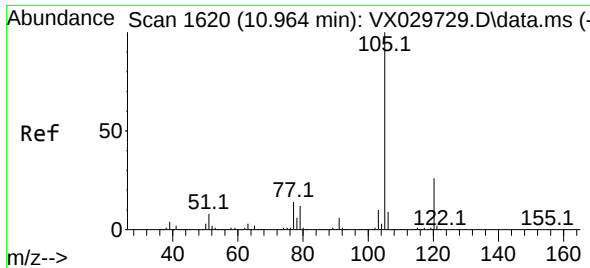
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54

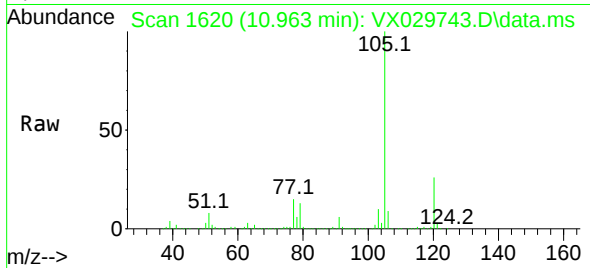
Tgt Ion:152 Resp: 178487
Ion Ratio Lower Upper
152 100
115 62.7 37.5 112.7
150 156.9 0.0 338.2





#73
Isopropylbenzene
Concen: 43.958 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54

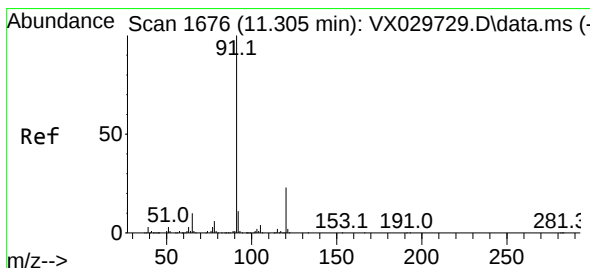
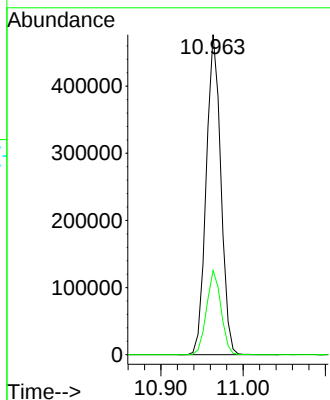
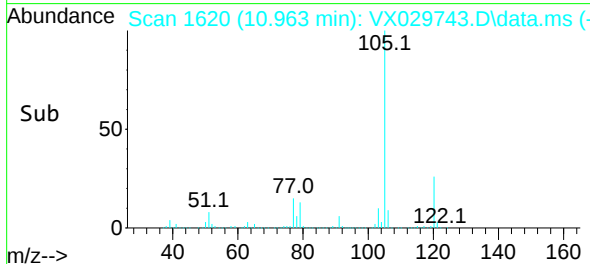
Instrument :
MSVOA_X
ClientSampleId :
MW-11RE



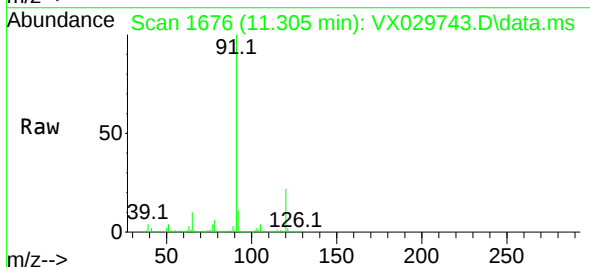
Tgt Ion:105 Resp: 58827
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.5

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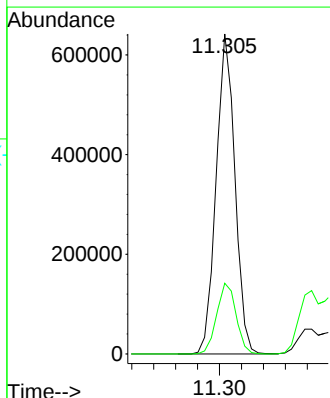
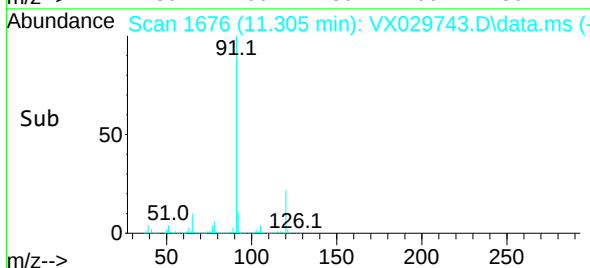
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

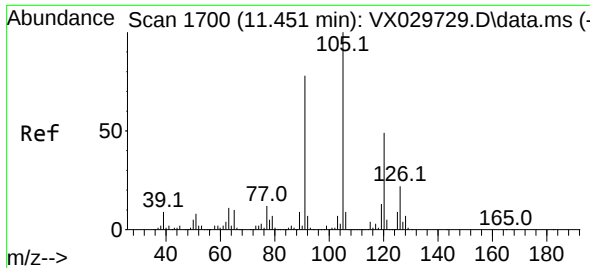


#78
n-propylbenzene
Concen: 50.661 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54



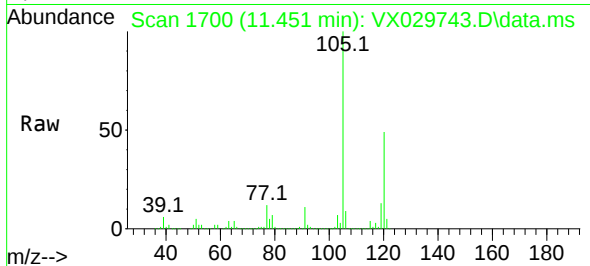
Tgt Ion: 91 Resp: 763598
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 107.767 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54

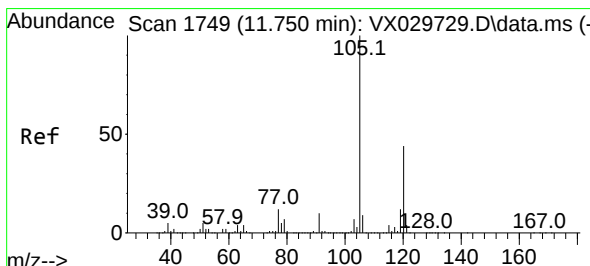
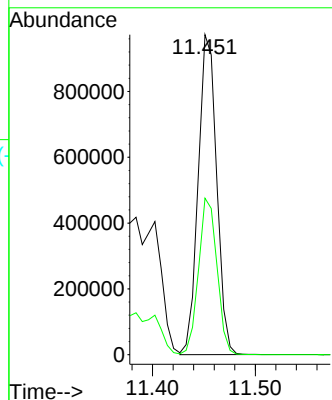
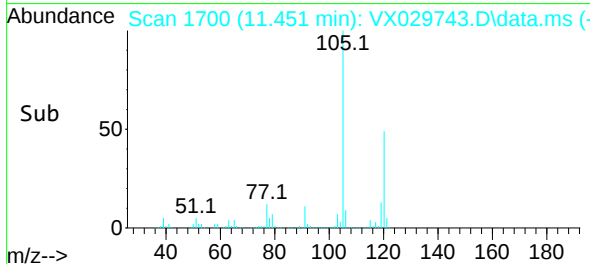
Instrument :
MSVOA_X
ClientSampleId :
MW-11RE



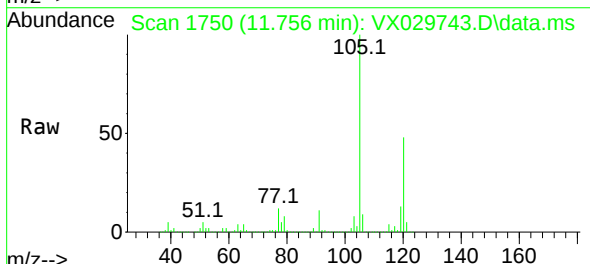
Tgt Ion:105 Resp: 121458
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.9

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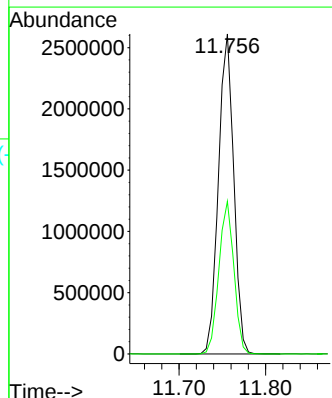
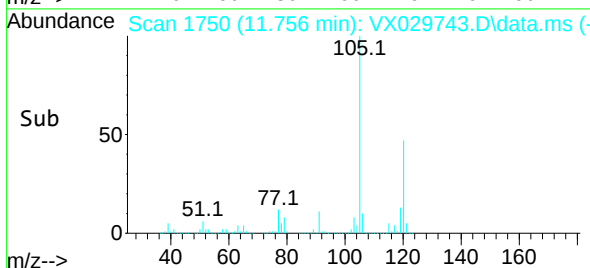
Reviewed By :John Carlone 06/24/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

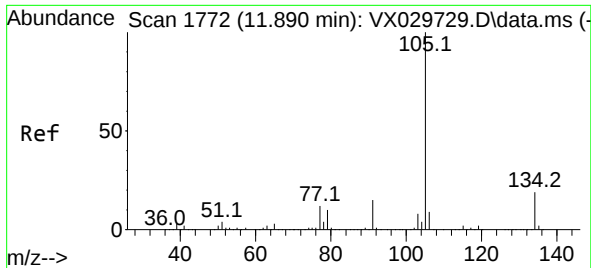


#84
1,2,4-Trimethylbenzene
Concen: 284.485 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54



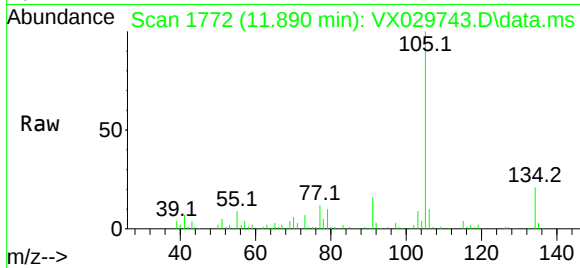
Tgt Ion:105 Resp: 3197780
Ion Ratio Lower Upper
105 100
120 46.9 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 3.347 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX029743.D
 Acq: 23 Jun 2022 14:54

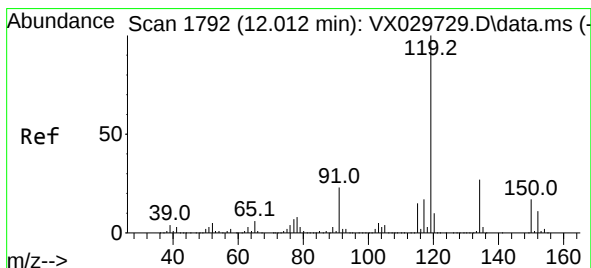
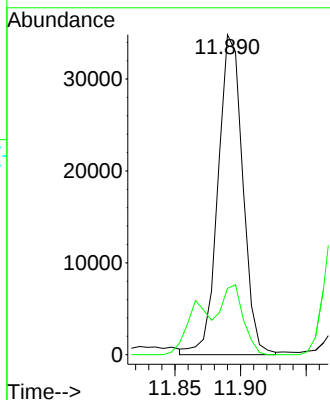
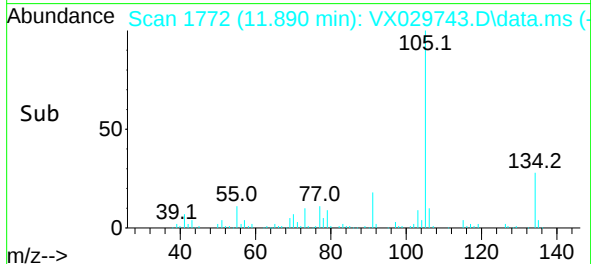
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11RE



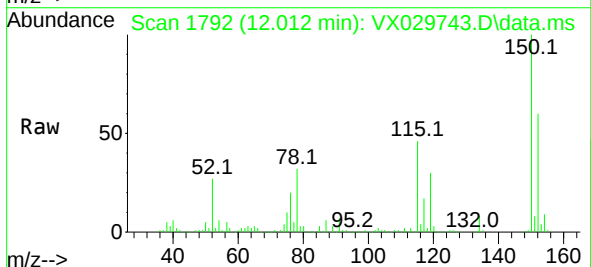
Tgt Ion:105 Resp: 45588
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

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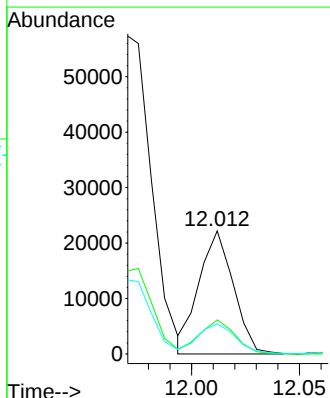
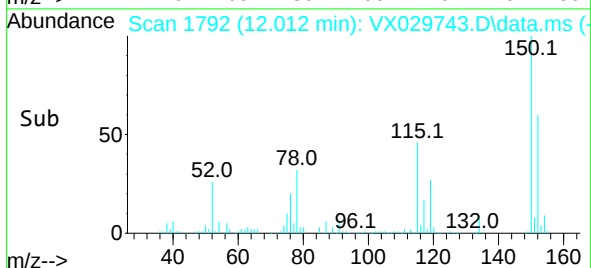
Reviewed By :John Carlone 06/24/2022
 Supervised By :Semsettin Yesilyurt 06/28/2022

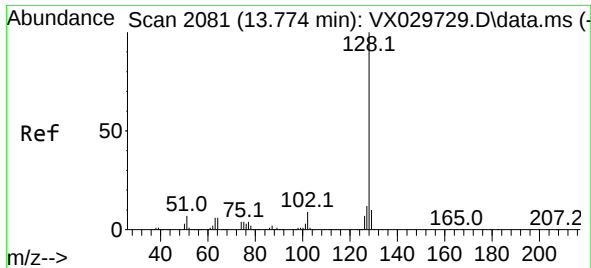


#86
 p-Isopropyltoluene
 Concen: 2.167 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX029743.D
 Acq: 23 Jun 2022 14:54



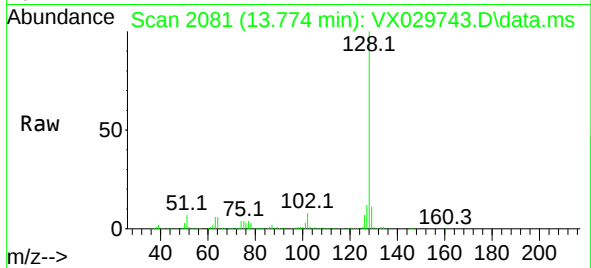
Tgt Ion:119 Resp: 24712
 Ion Ratio Lower Upper
 119 100
 134 77.8 13.0 39.0#
 91 67.5 11.3 33.9#





#95
Naphthalene
Concen: 32.241 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX029743.D
Acq: 23 Jun 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
MW-11RE



Tgt Ion:128 Resp: 403650
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 11.6 8.7 13.1

Manual Integrations
APPROVED

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

