

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029607.D
 Acq On : 19 Jun 2022 06:32
 Operator : JC/MD
 Sample : N3286-08 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101R

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

Quant Time: Jun 20 01:41:46 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	280636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	467802	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	414229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159179	42.849	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.700%		
35) Dibromofluoromethane	5.391	113	140320	46.028	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.060%		
50) Toluene-d8	8.653	98	537711	48.281	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.560%		
62) 4-Bromofluorobenzene	11.085	95	197877	47.114	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.220%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	7132	4.817	ug/l	93
17) Carbon Disulfide	2.520	76	3326	0.451	ug/l #	91
25) 2-Butanone	4.580	43	5593	2.390	ug/l #	85
31) Cyclohexane	5.477	56	31468	6.310	ug/l #	95
39) Methylcyclohexane	7.385	83	24333	4.730	ug/l	89
40) Benzene	6.044	78	11102	0.908	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	5554	1.310	ug/l	98
52) Toluene	8.720	92	715496	91.357	ug/l	97
59) 2-Hexanone	9.439	43	9960	3.103	ug/l	89
67) Ethyl Benzene	10.195	91	2771538	189.553	ug/l	96
68) m/p-Xylenes	10.305	106	3290169	577.016	ug/l	92
69) o-Xylene	10.646	106	1318455	234.037	ug/l	98
73) Isopropylbenzene	10.963	105	98180	6.745	ug/l	96
78) n-propylbenzene	11.305	91	337275	20.573	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	599079	48.869	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	2174216	177.830	ug/l	98
85) sec-Butylbenzene	11.890	105	15736m	1.062	ug/l	
86) p-Isopropyltoluene	12.012	119	6539m	0.527	ug/l	

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

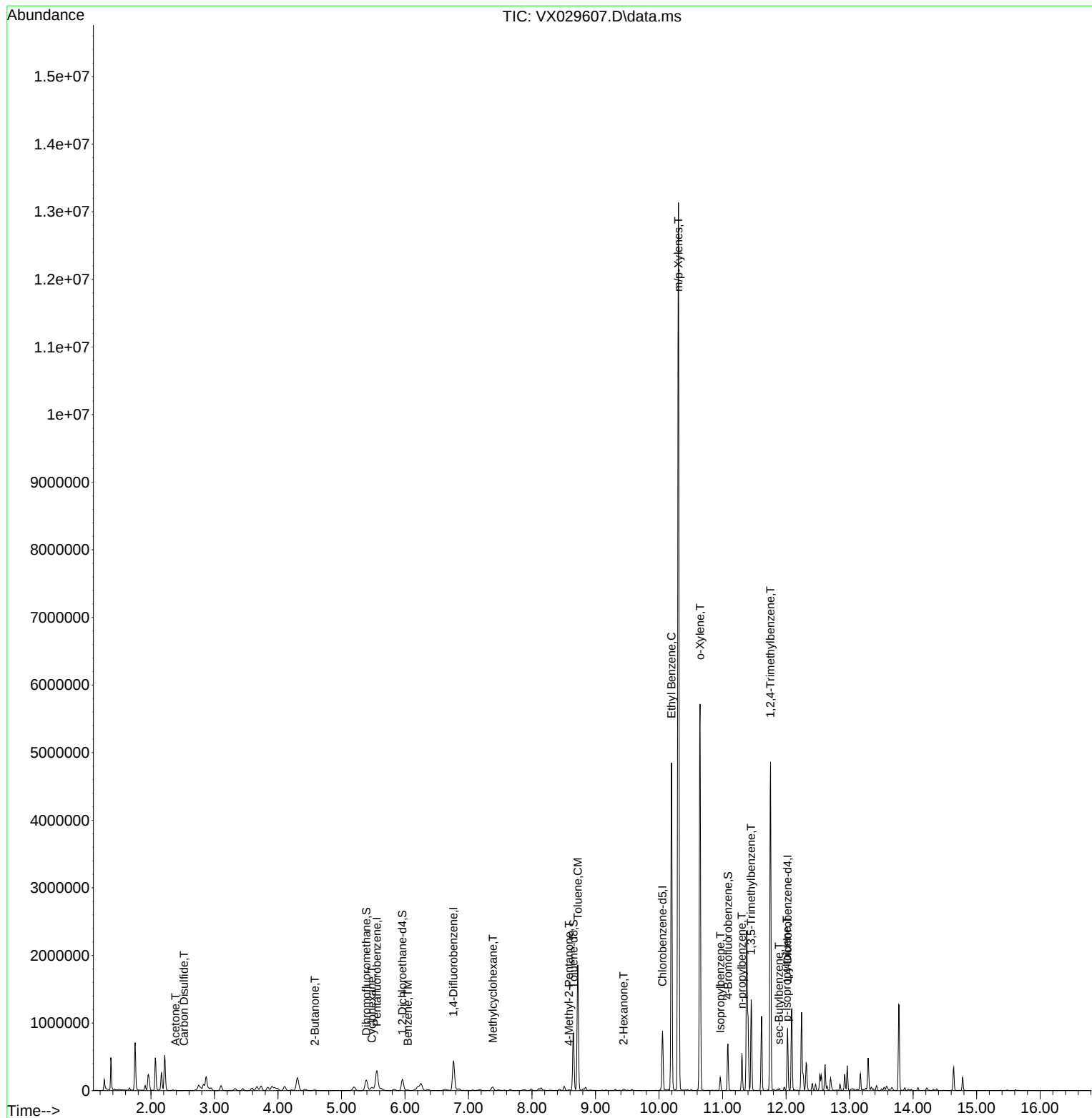
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029607.D
Acq On : 19 Jun 2022 06:32
Operator : JC/MD
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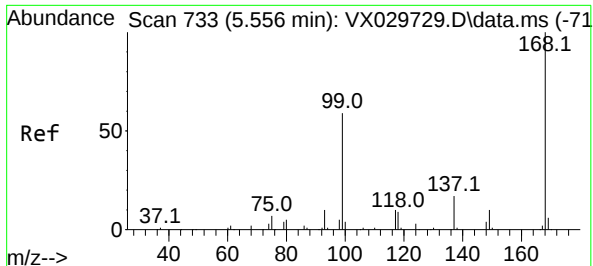
Instrument :
MSVOA_X
ClientSampleId :
MW-101R

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Reviewed By : Semsettin Yesilyurt 06/23/2022
Supervised By : Mahesh Dadoda 06/23/2022

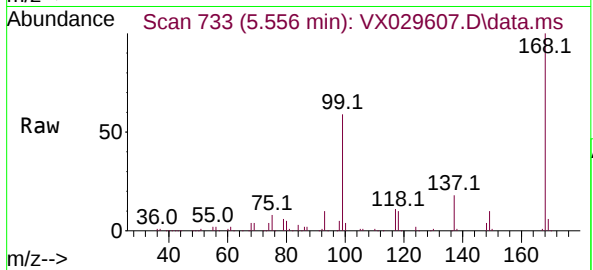
Quant Time: Jun 20 01:41:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029607.D
Acq: 19 Jun 2022 06:32

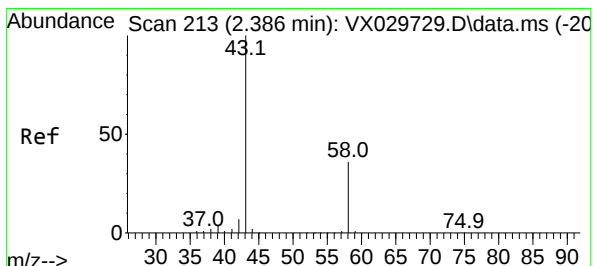
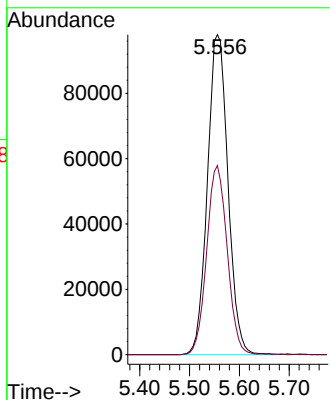
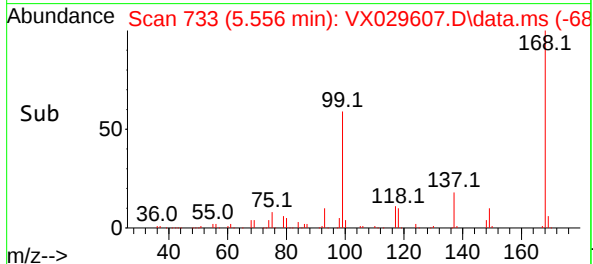
Instrument :
MSVOA_X
ClientSampleId :
MW-101R



Tgt Ion:168 Resp: 280630
Ion Ratio Lower Upper
168 100
99 59.1 41.7 62.5

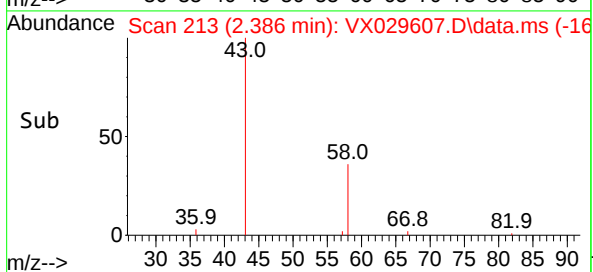
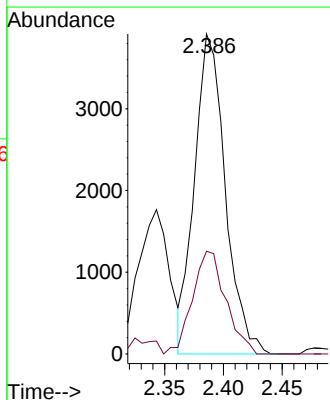
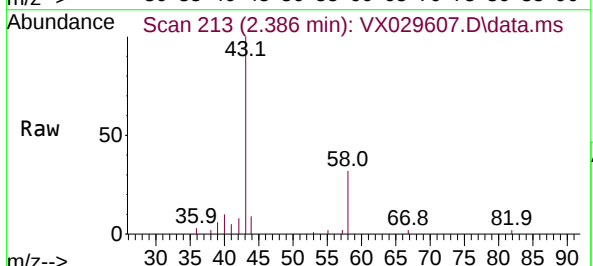
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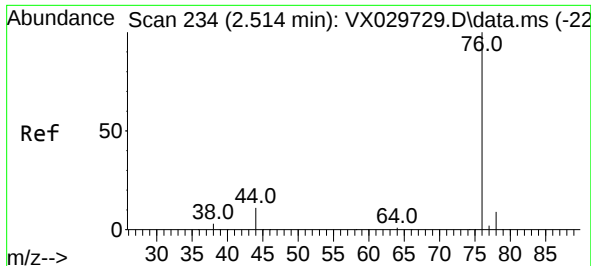
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#16
Acetone
Concen: 4.817 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029607.D
Acq: 19 Jun 2022 06:32

Tgt Ion: 43 Resp: 7132
Ion Ratio Lower Upper
43 100
58 32.1 28.8 43.2





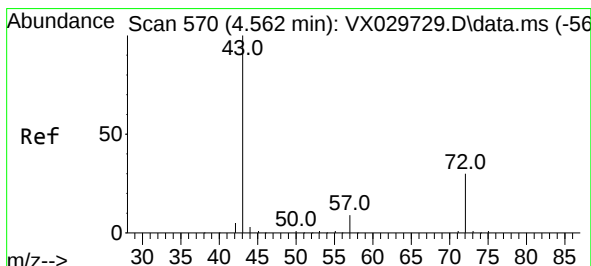
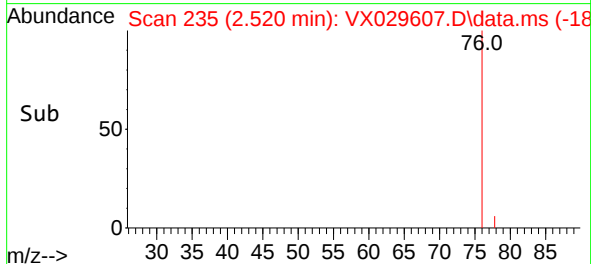
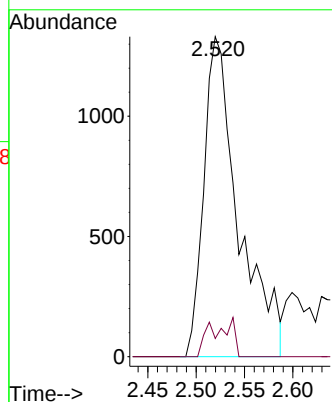
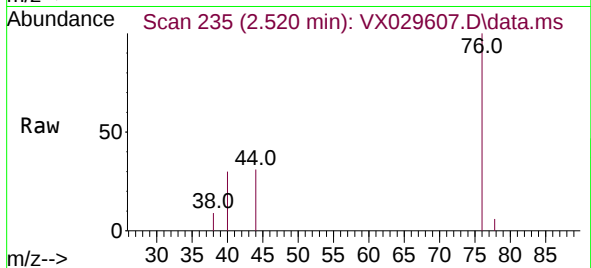
#17
Carbon Disulfide
Concen: 0.451 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029607.D
Acq: 19 Jun 2022 06:32

Instrument :
MSVOA_X
ClientSampleId :
MW-101R

Tgt Ion: 76 Resp: 3320
Ion Ratio Lower Upper
76 100
78 5.7 7.2 10.8

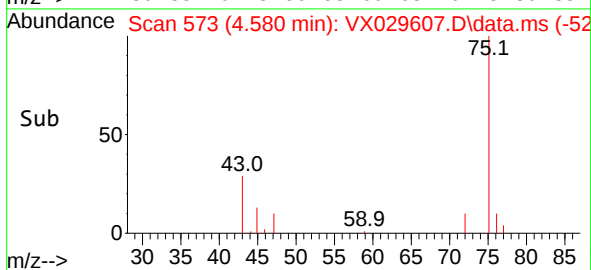
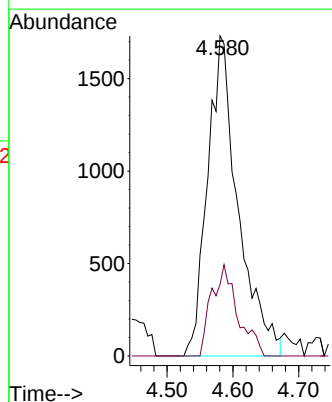
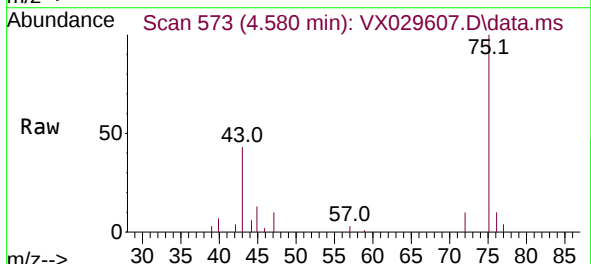
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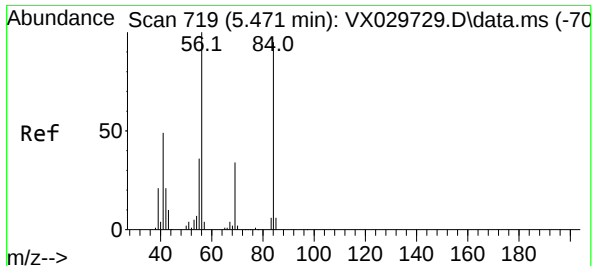
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#25
2-Butanone
Concen: 2.390 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX029607.D
Acq: 19 Jun 2022 06:32

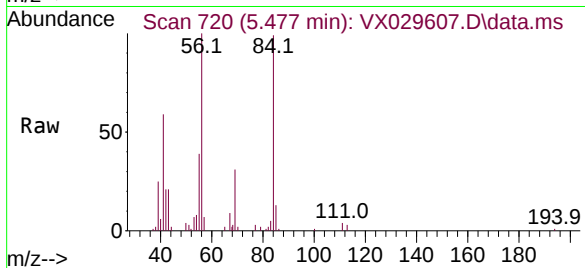
Tgt Ion: 43 Resp: 5593
Ion Ratio Lower Upper
43 100
72 22.4 24.4 36.6





#31
Cyclohexane
Concen: 6.310 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX029607.D
Acq: 19 Jun 2022 06:32

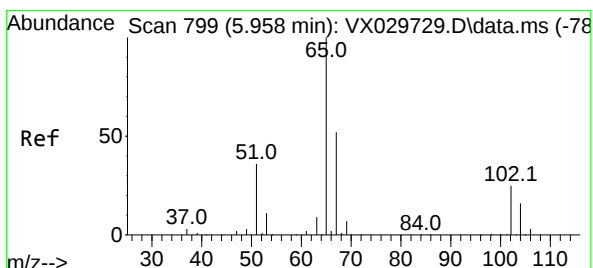
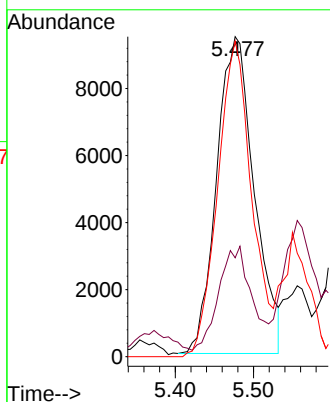
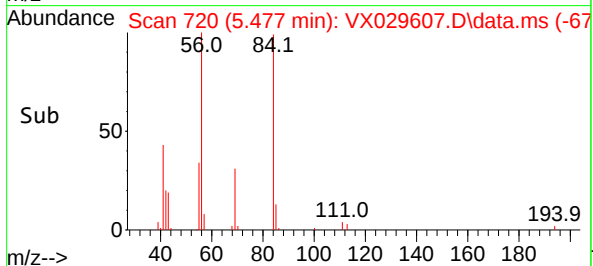
Instrument :
MSVOA_X
Client Sample Id :
MW-101R



Tgt Ion: 56 Resp: 31468
Ion Ratio Lower Upper
56 100
69 26.6 26.7 40.1
84 99.6 77.2 115.8

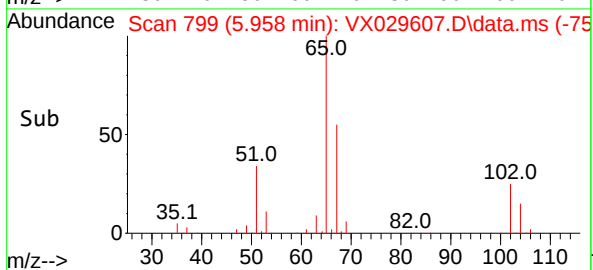
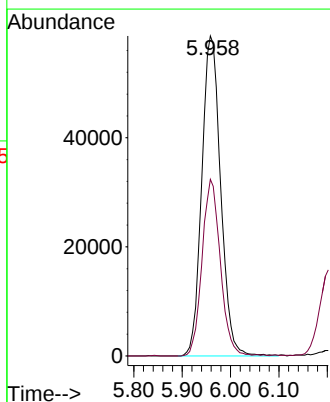
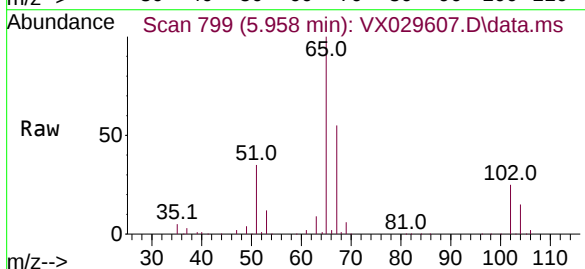
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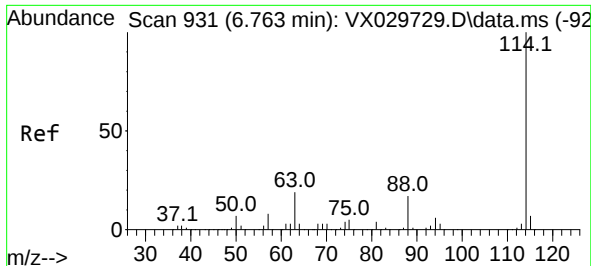
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#33
1,2-Dichloroethane-d4
Concen: 42.849 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029607.D
Acq: 19 Jun 2022 06:32

Tgt Ion: 65 Resp: 159179
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.4





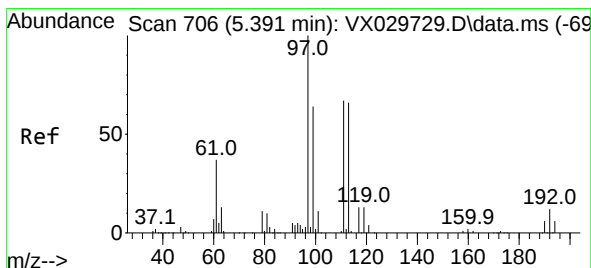
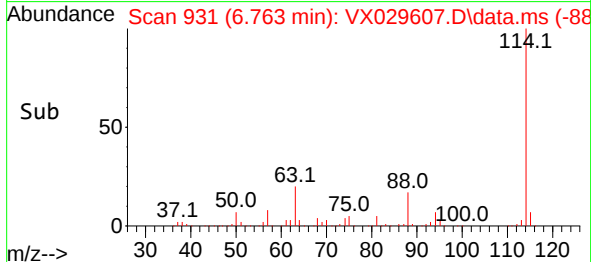
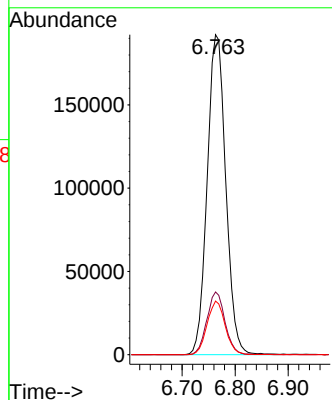
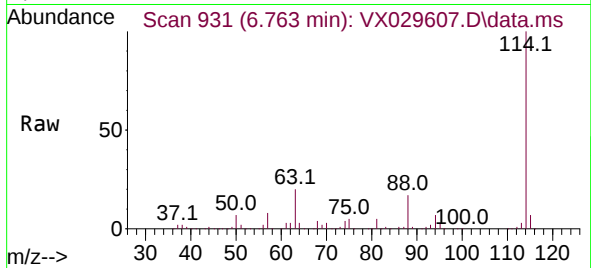
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX029607.D
Acq: 19 Jun 2022 06:32

Instrument :
MSVOA_X
ClientSampleId :
MW-101R

Tgt Ion:114 Resp: 467802
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 16.7 0.0 32.4

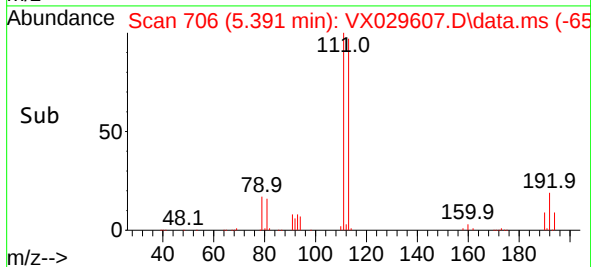
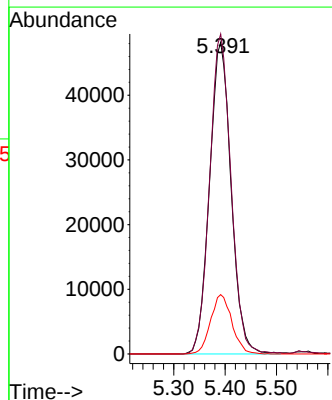
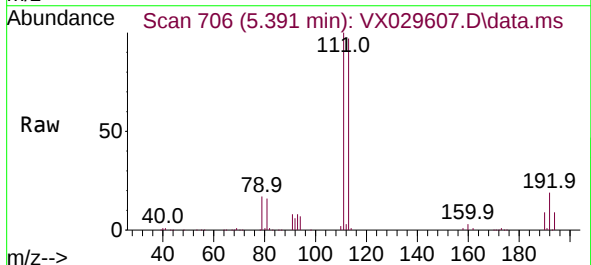
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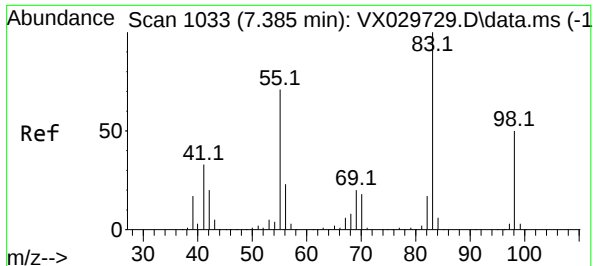
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#35
Dibromofluoromethane
Concen: 46.028 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029607.D
Acq: 19 Jun 2022 06:32

Tgt Ion:113 Resp: 140320
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 18.8 16.9 25.3





#39

Methylcyclohexane

Concen: 4.730 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029607.D

Acq: 19 Jun 2022 06:32

Instrument :

MSVOA_X

ClientSampleId :

MW-101R

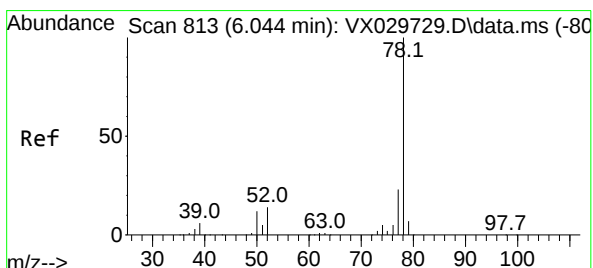
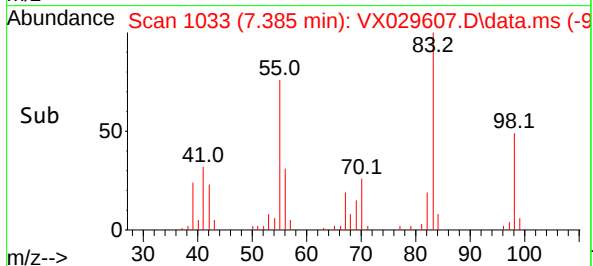
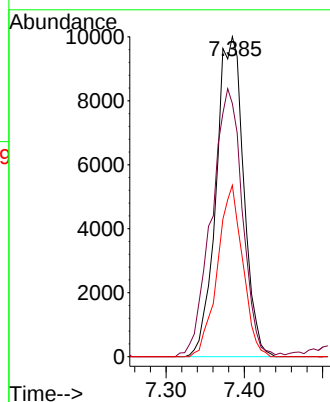
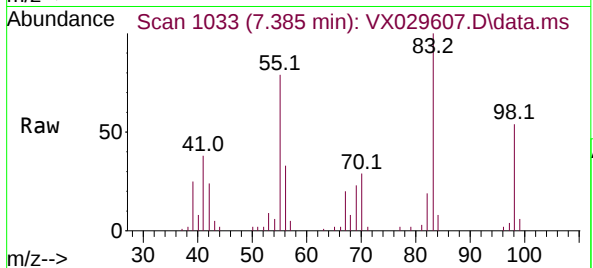
Tgt Ion: 83 Resp: 2433

Ion	Ratio	Lower	Upper
83	100		
55	78.0	54.6	81.8
98	53.5	37.4	56.2

Manual Integrations

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#40

Benzene

Concen: 0.908 ug/l

RT: 6.044 min Scan# 813

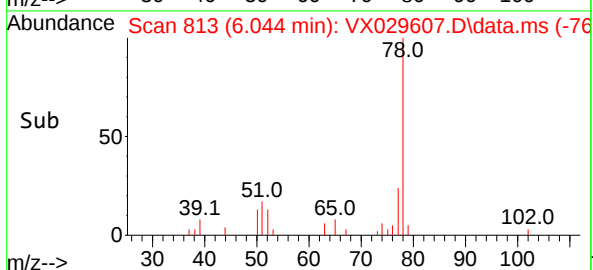
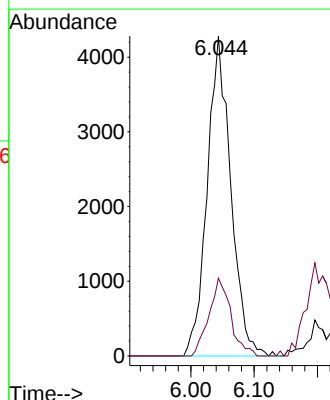
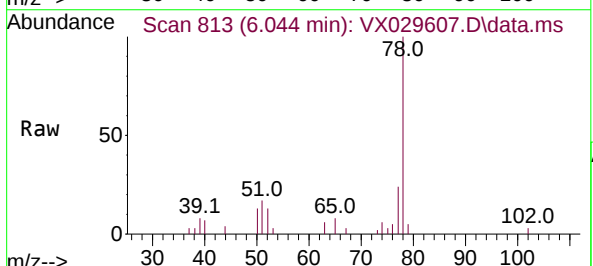
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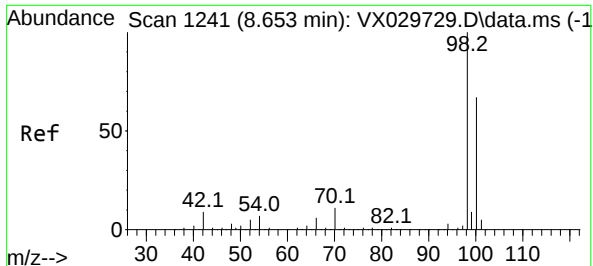
Lab File: VX029607.D

Acq: 19 Jun 2022 06:32

Tgt Ion: 78 Resp: 11102

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.3	28.9





#50

Toluene-d8

Concen: 48.281 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029607.D

Acq: 19 Jun 2022 06:32

Instrument :

MSVOA_X

ClientSampleId :

MW-101R

Tgt Ion: 98 Resp: 53771

Ion Ratio Lower Upper

98 100

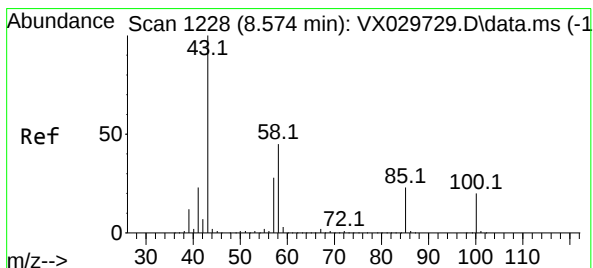
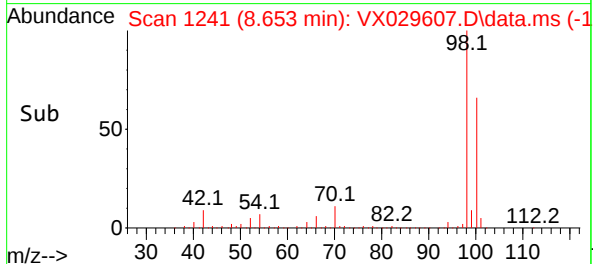
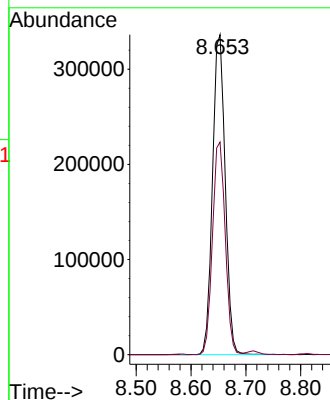
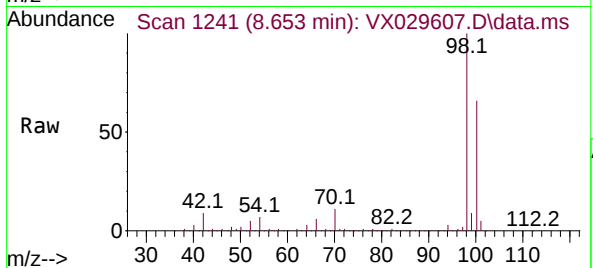
100 66.8 52.6 78.8

Manual Integrations

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Supervised By :Mahesh Dadoda 06/23/2022



#51

4-Methyl-2-Pentanone

Concen: 1.310 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX029607.D

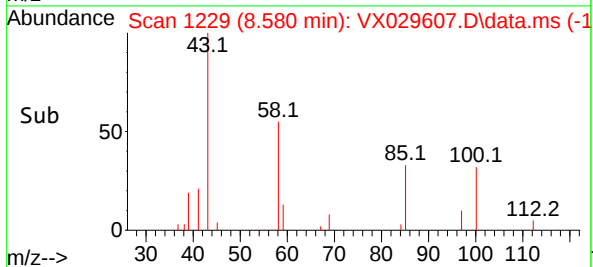
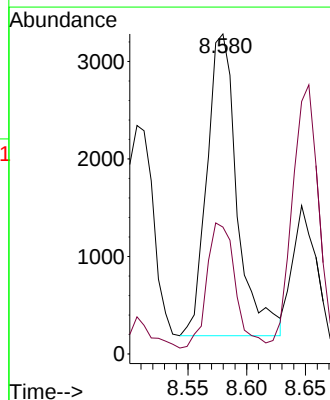
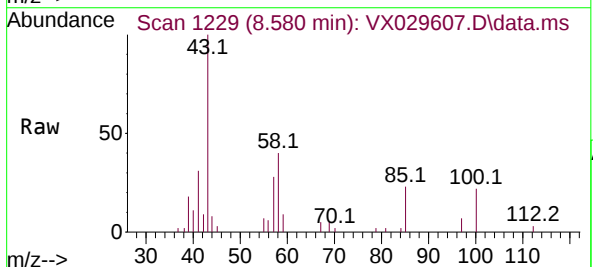
Acq: 19 Jun 2022 06:32

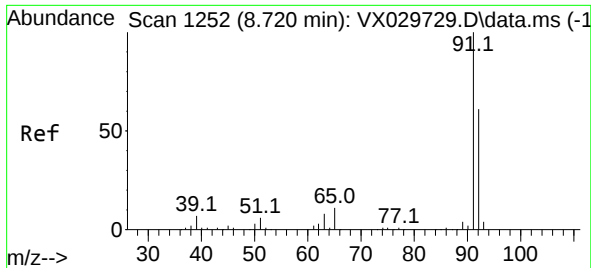
Tgt Ion: 43 Resp: 5554

Ion Ratio Lower Upper

43 100

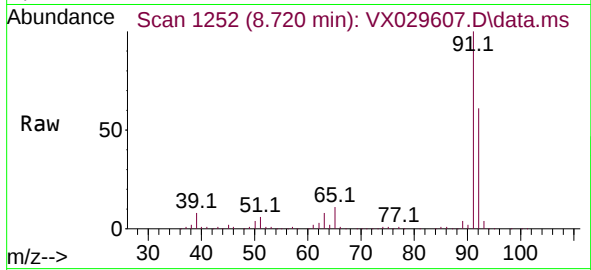
58 43.7 36.1 54.1





#52
Toluene
Concen: 91.357 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029607.D
Acq: 19 Jun 2022 06:32

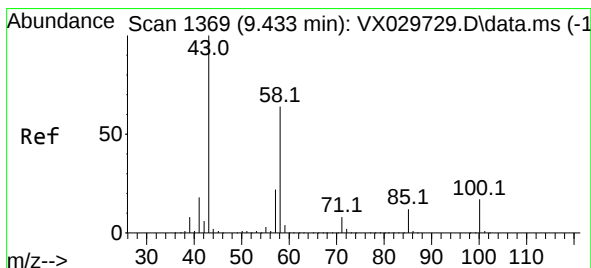
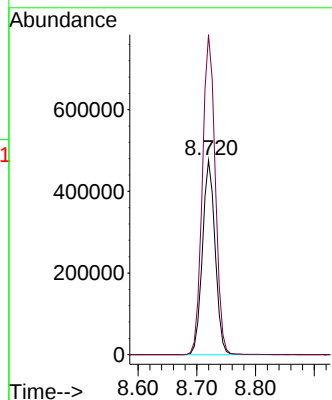
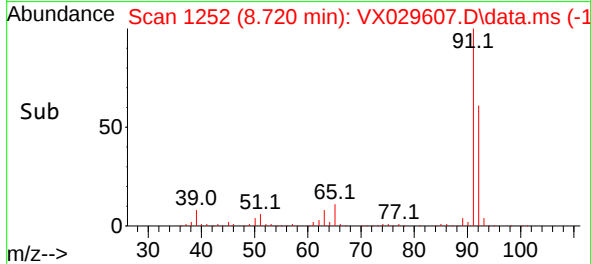
Instrument :
MSVOA_X
ClientSampleId :
MW-101R



Tgt Ion: 92 Resp: 715490
Ion Ratio Lower Upper
92 100
91 167.5 137.5 206.3

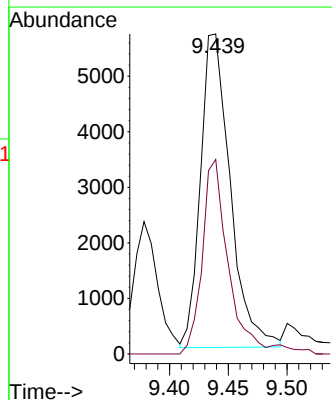
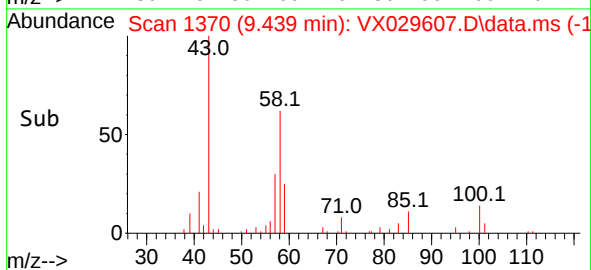
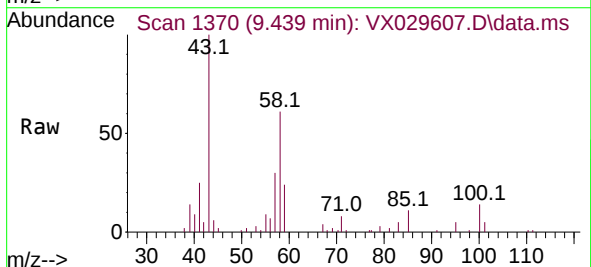
Manual Integrations
APPROVED

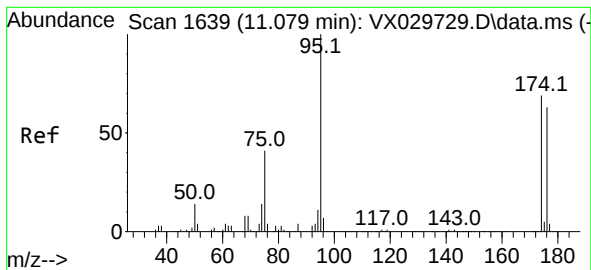
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#59
2-Hexanone
Concen: 3.103 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX029607.D
Acq: 19 Jun 2022 06:32

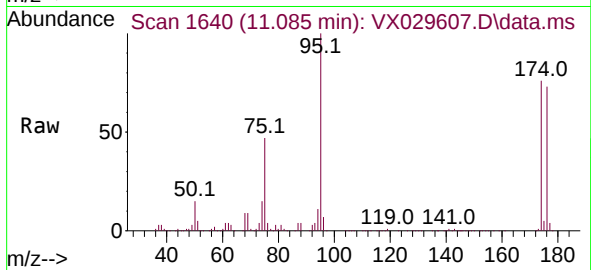
Tgt Ion: 43 Resp: 9960
Ion Ratio Lower Upper
43 100
58 55.5 31.9 95.7





#62
4-Bromofluorobenzene
Concen: 47.114 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029607.D
Acq: 19 Jun 2022 06:32

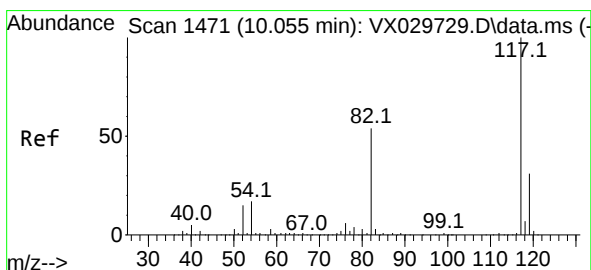
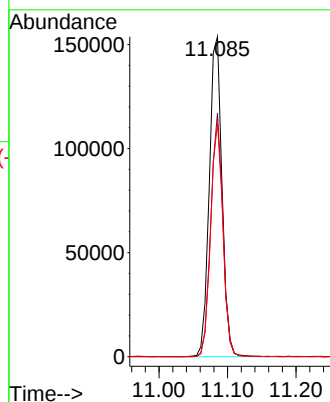
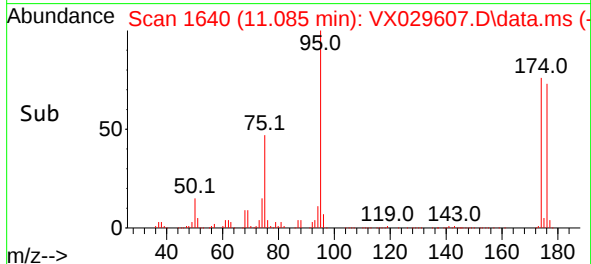
Instrument :
MSVOA_X
ClientSampleId :
MW-101R



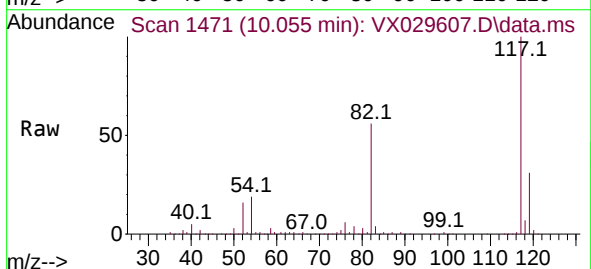
Tgt Ion: 95 Resp: 19787
Ion Ratio Lower Upper
95 100
174 72.9 0.0 163.0
176 70.4 0.0 155.0

Manual Integrations
APPROVED

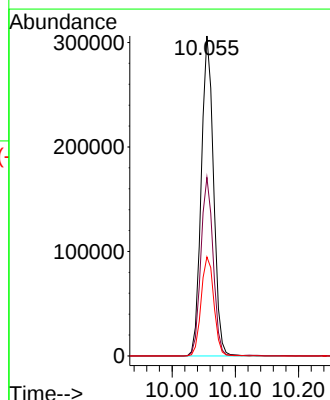
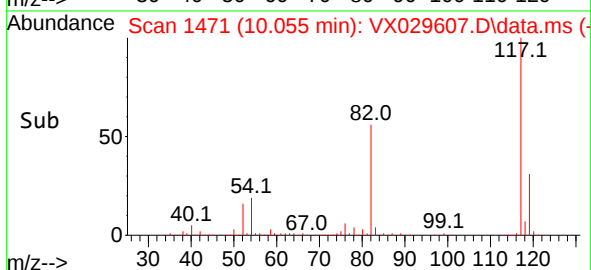
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

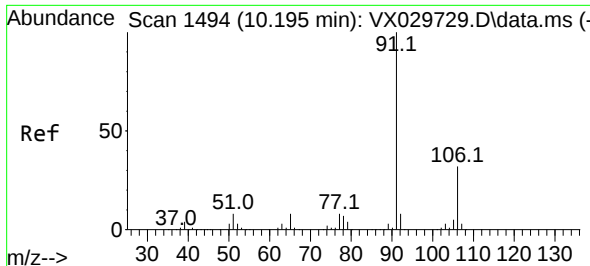


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029607.D
Acq: 19 Jun 2022 06:32



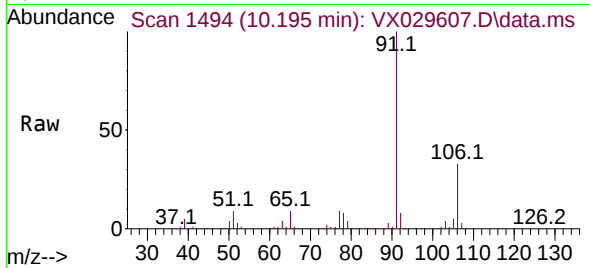
Tgt Ion:117 Resp: 414229
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 31.0 24.8 37.2





#67
Ethyl Benzene
Concen: 189.553 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029607.D
Acq: 19 Jun 2022 06:32

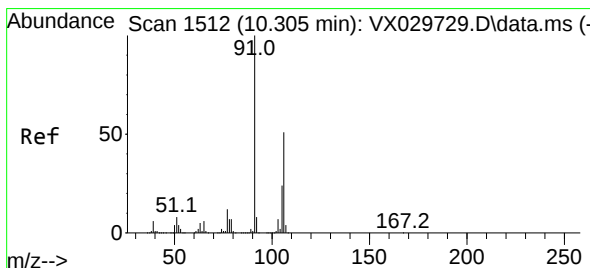
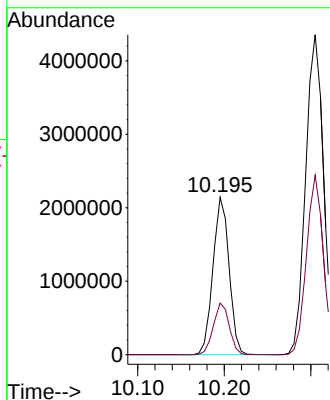
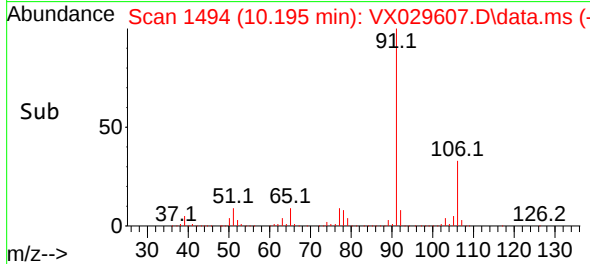
Instrument :
MSVOA_X
ClientSampleId :
MW-101R



Tgt Ion: 91 Resp: 2771538
Ion Ratio Lower Upper
91 100
106 32.8 24.6 36.8

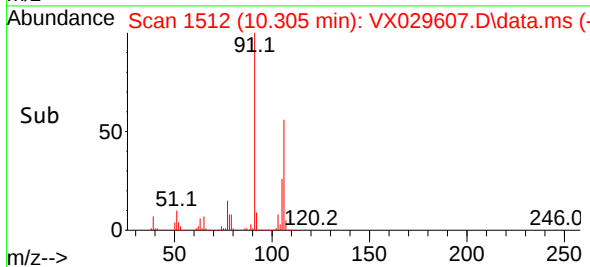
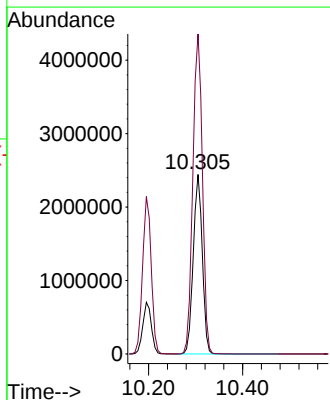
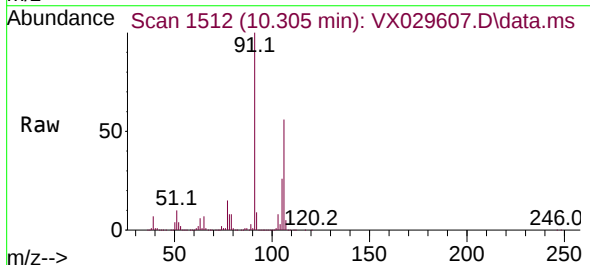
Manual Integrations
APPROVED

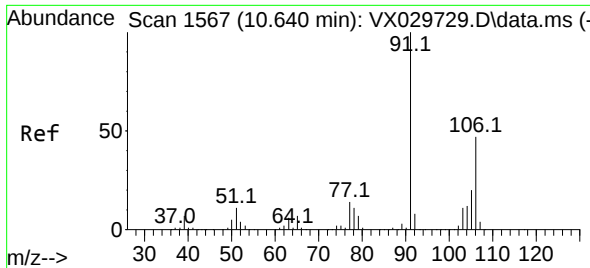
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#68
m/p-Xylenes
Concen: 577.016 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029607.D
Acq: 19 Jun 2022 06:32

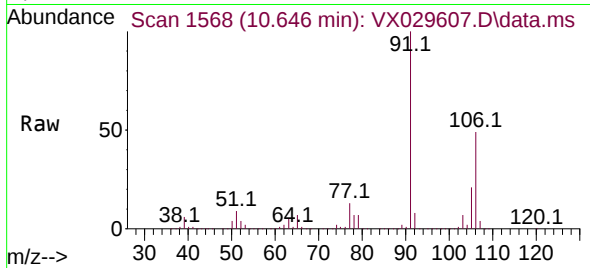
Tgt Ion:106 Resp: 3290169
Ion Ratio Lower Upper
106 100
91 188.5 160.4 240.6





#69
o-Xylene
Concen: 234.037 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX029607.D
Acq: 19 Jun 2022 06:32

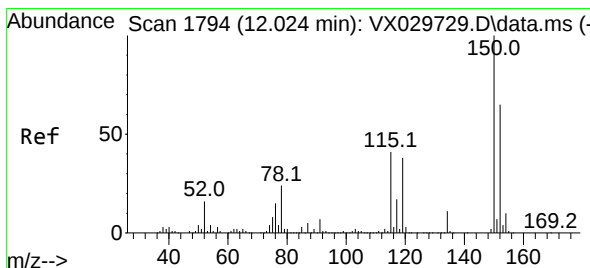
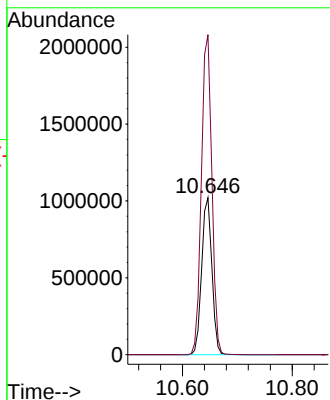
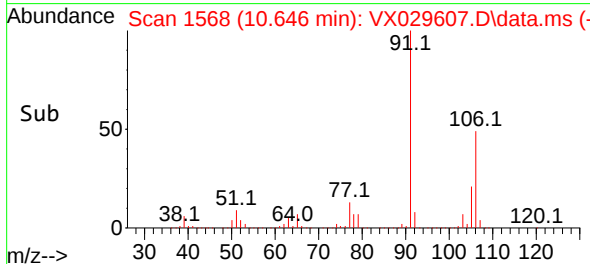
Instrument :
MSVOA_X
ClientSampleId :
MW-101R



Tgt Ion:106 Resp: 131845
Ion Ratio Lower Upper
106 100
91 208.8 106.1 318.1

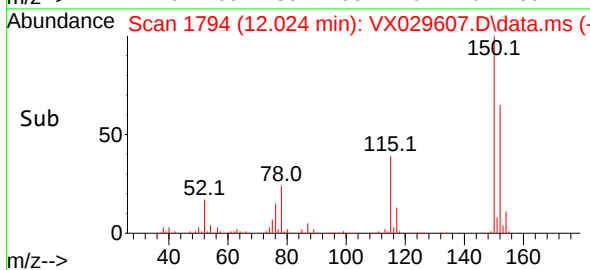
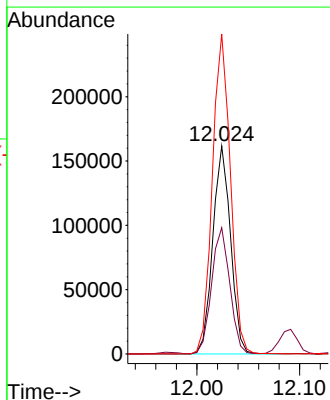
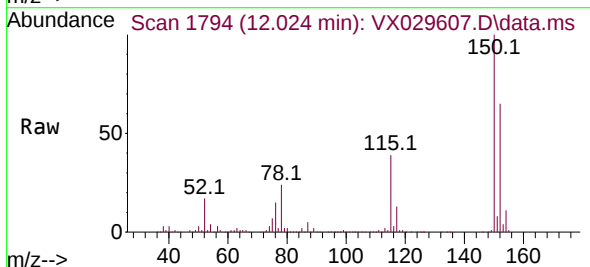
Manual Integrations
APPROVED

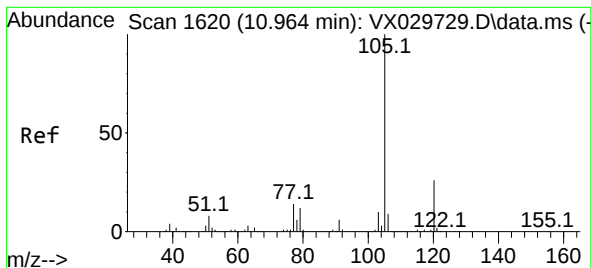
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029607.D
Acq: 19 Jun 2022 06:32

Tgt Ion:152 Resp: 194140
Ion Ratio Lower Upper
152 100
115 61.9 37.5 112.7
150 156.4 0.0 338.2





#73

Isopropylbenzene

Concen: 6.745 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029607.D

Acq: 19 Jun 2022 06:32

Instrument :

MSVOA_X

ClientSampleId :

MW-101R

Tgt Ion:105 Resp: 98180

Ion Ratio Lower Upper

105 100

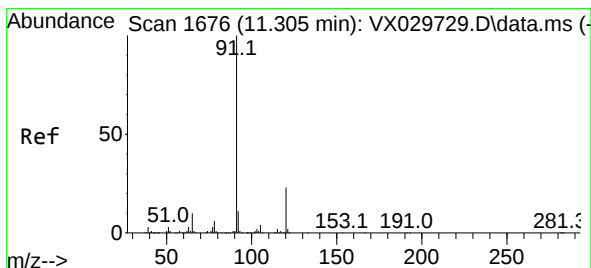
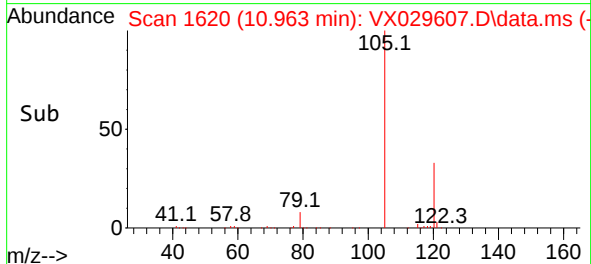
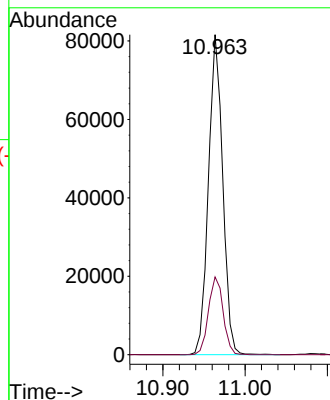
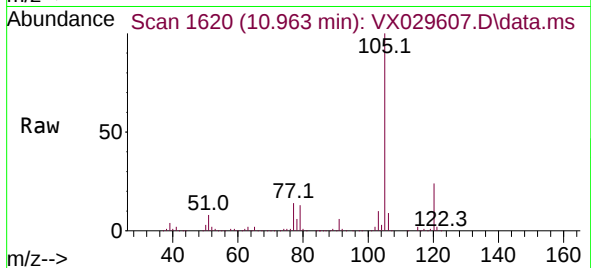
120 25.0 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#78

n-propylbenzene

Concen: 20.573 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX029607.D

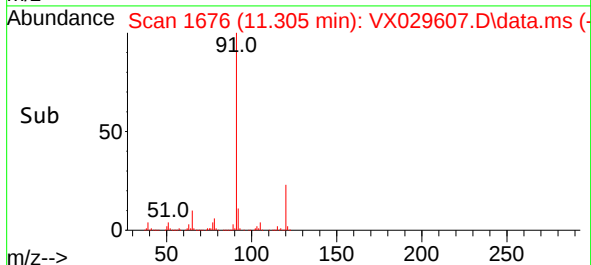
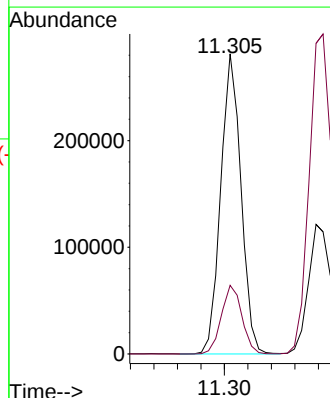
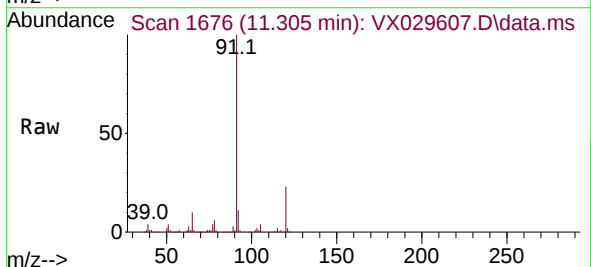
Acq: 19 Jun 2022 06:32

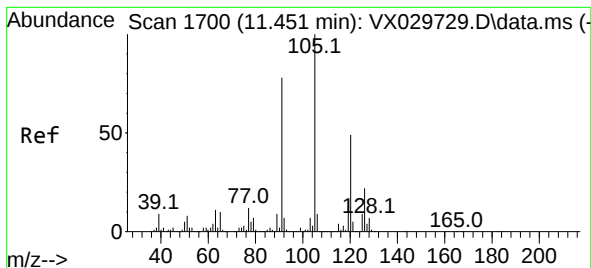
Tgt Ion: 91 Resp: 337275

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 48.869 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029607.D

Acq: 19 Jun 2022 06:32

Instrument :

MSVOA_X

ClientSampleId :

MW-101R

Tgt Ion:105 Resp: 599079

Ion Ratio Lower Upper

105 100

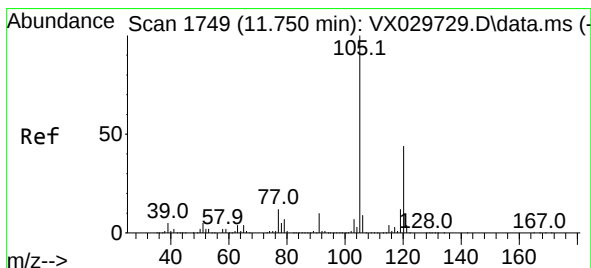
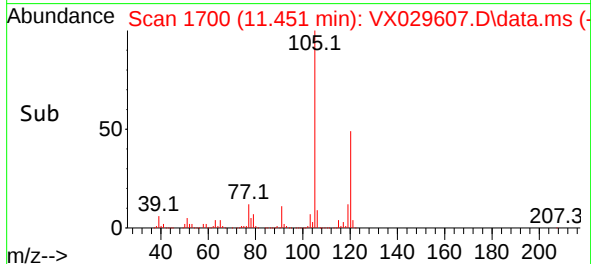
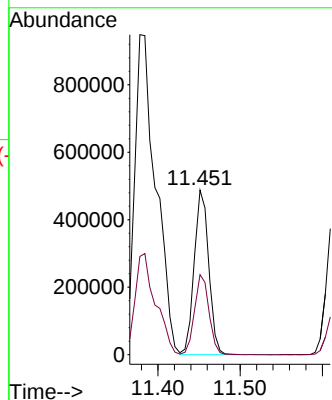
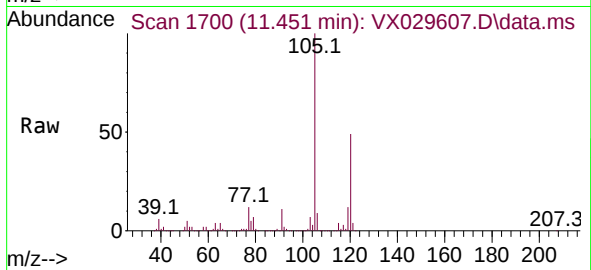
120 48.3 24.3 72.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#84

1,2,4-Trimethylbenzene

Concen: 177.830 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX029607.D

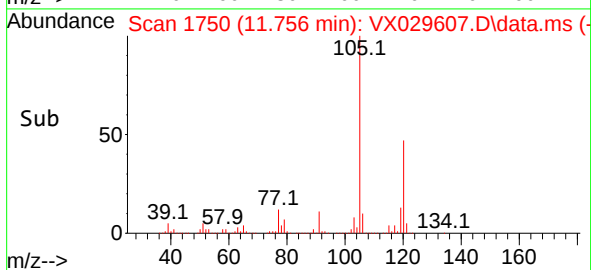
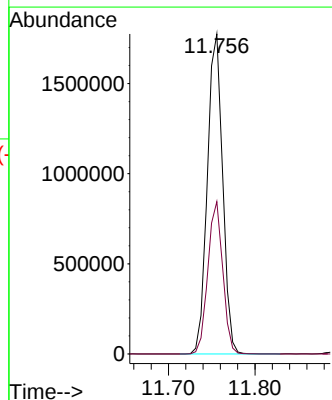
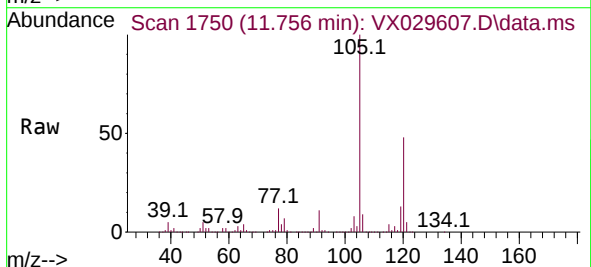
Acq: 19 Jun 2022 06:32

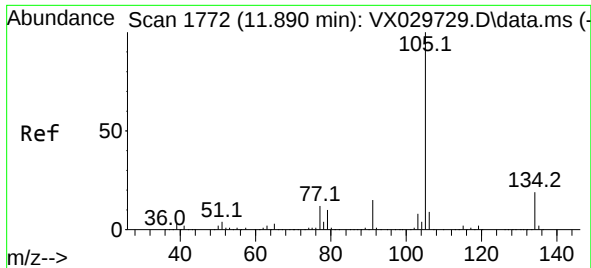
Tgt Ion:105 Resp: 2174216

Ion Ratio Lower Upper

105 100

120 46.4 22.6 67.8





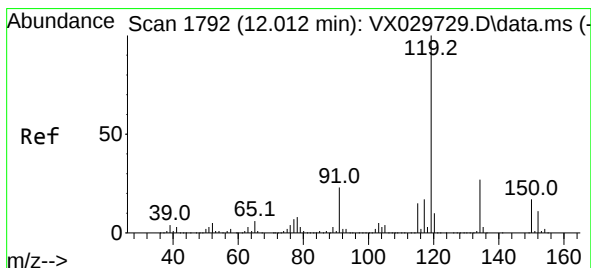
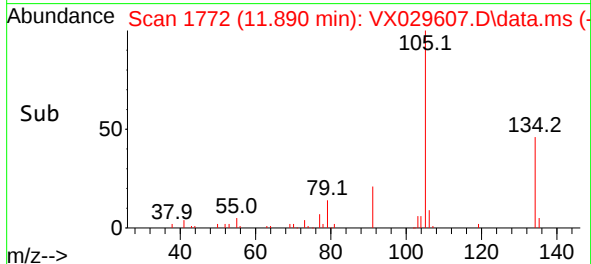
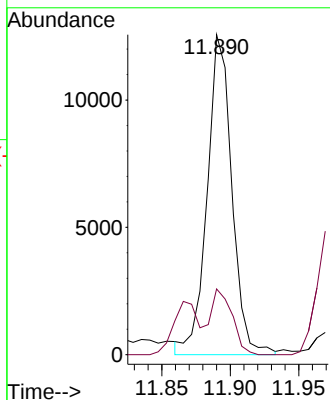
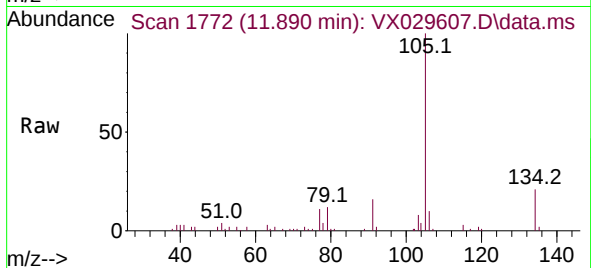
#85
 sec-Butylbenzene
 Concen: 1.062 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX029607.D
 Acq: 19 Jun 2022 06:32

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101R

Tgt Ion:105 Resp: 15730
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022



#86
 p-Isopropyltoluene
 Concen: 0.527 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX029607.D
 Acq: 19 Jun 2022 06:32

Tgt Ion:119 Resp: 6539
 Ion Ratio Lower Upper
 119 100
 134 100.2 13.0 39.0#
 91 0.0 11.3 33.9#

