

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029606.D
 Acq On : 19 Jun 2022 06:09
 Operator : JC/MD
 Sample : N3286-03 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2D

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 01:41:33 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	263733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	440977	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151421	43.373	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.740%		
35) Dibromofluoromethane	5.391	113	131484	45.753	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.500%		
50) Toluene-d8	8.653	98	501812	47.798	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.600%		
62) 4-Bromofluorobenzene	11.079	95	185735	46.913	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.820%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	4135	2.972	ug/l	100
25) 2-Butanone	4.587	43	2834	1.288	ug/l #	77
31) Cyclohexane	5.471	56	21028	4.487	ug/l #	88
39) Methylcyclohexane	7.379	83	11379	2.347	ug/l	87
40) Benzene	6.050	78	4750	0.412	ug/l #	88
52) Toluene	8.720	92	530277	71.826	ug/l	96
67) Ethyl Benzene	10.195	91	809458	59.412	ug/l	100
68) m/p-Xylenes	10.305	106	1196351	225.166	ug/l	100
69) o-Xylene	10.640	106	401947	76.571	ug/l	98
73) Isopropylbenzene	10.964	105	57186	4.282	ug/l	99
78) n-propylbenzene	11.305	91	177329	11.789	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	310528	27.609	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	1220461	108.799	ug/l	100
85) sec-Butylbenzene	11.890	105	6614m	0.487	ug/l	
86) p-Isopropyltoluene	12.012	119	3686m	0.324	ug/l	
89) n-Butylbenzene	12.317	91	15683	1.633	ug/l #	1

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

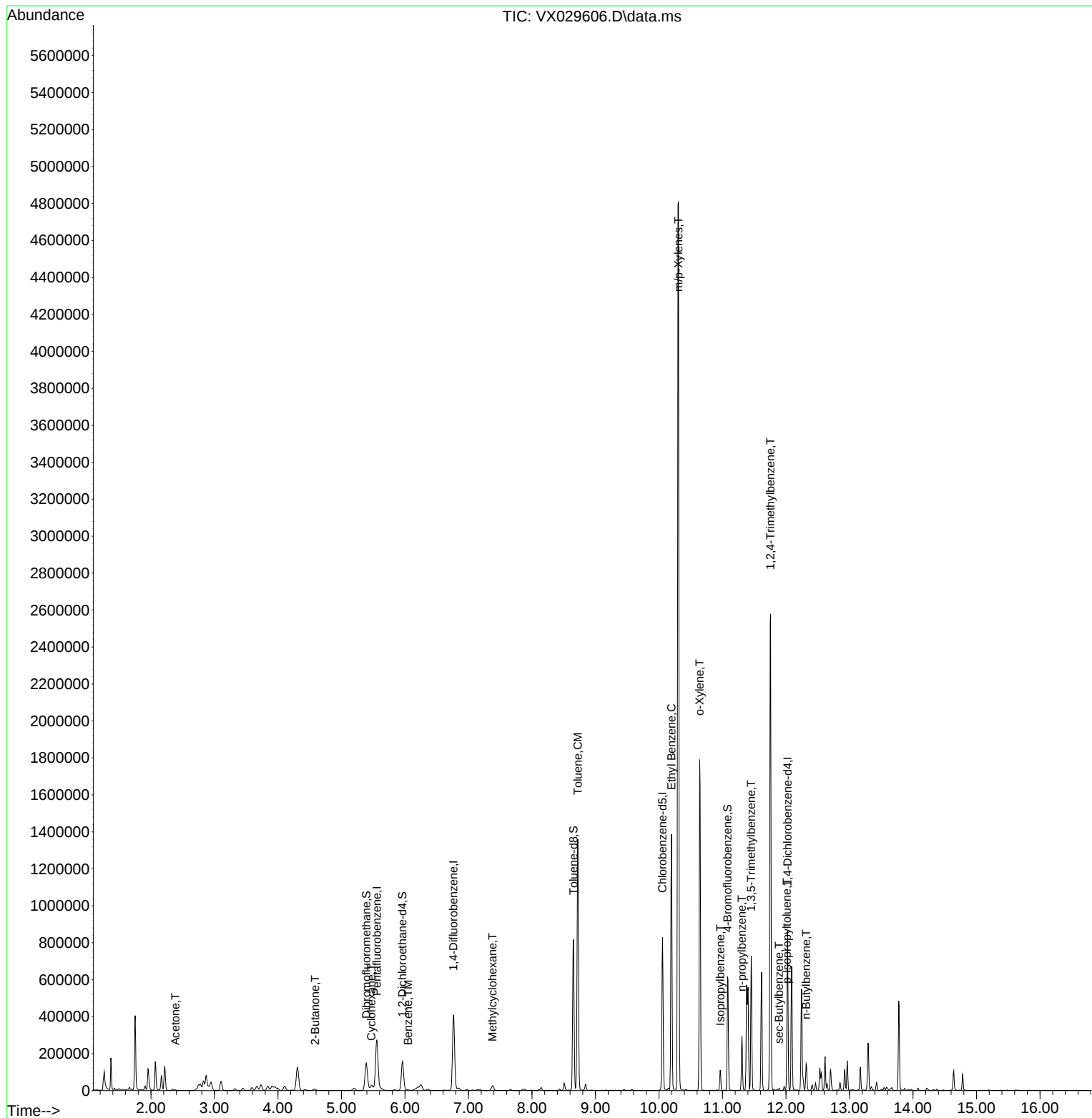
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029606.D
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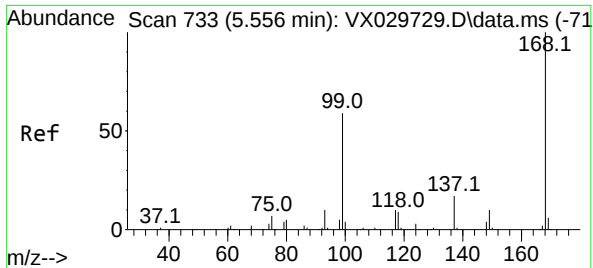
Instrument :
MSVOA_X
ClientSampleId :
MW-2D

Quant Time: Jun 20 01:41:33 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

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APPROVED

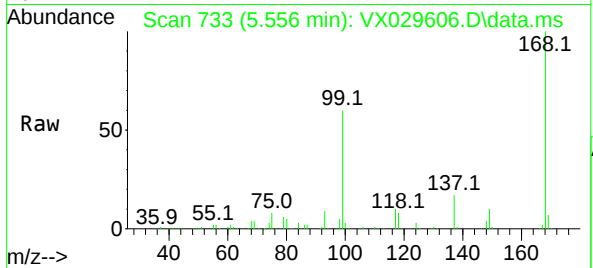
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09

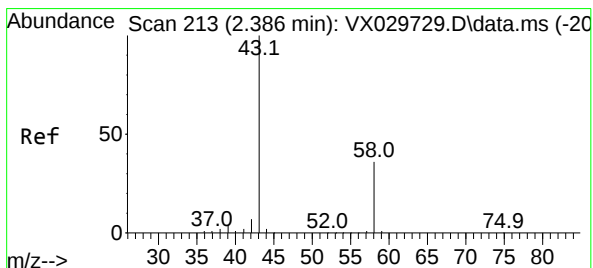
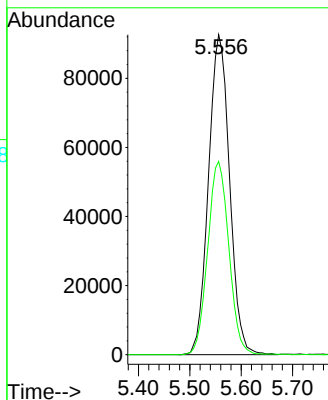
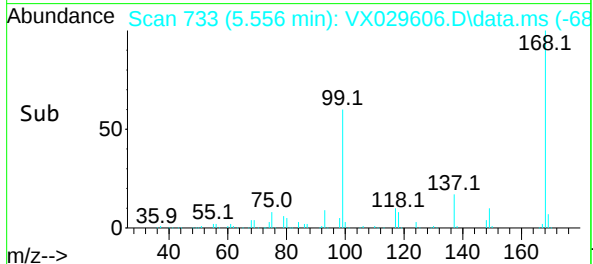
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



Tgt Ion:168 Resp: 26373
Ion Ratio Lower Upper
168 100
99 60.4 41.7 62.5

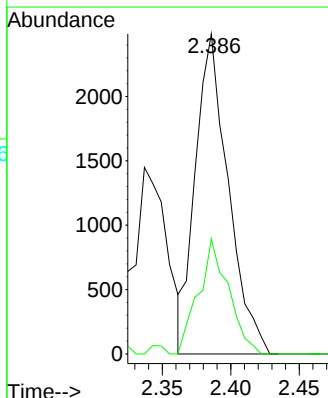
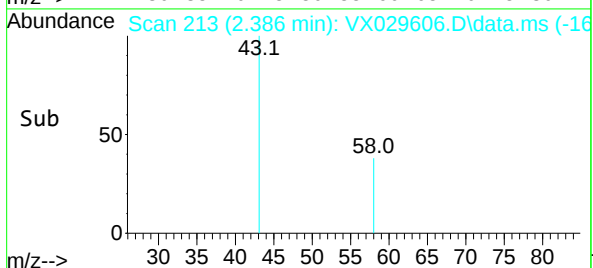
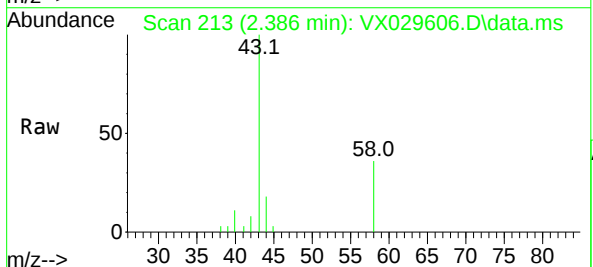
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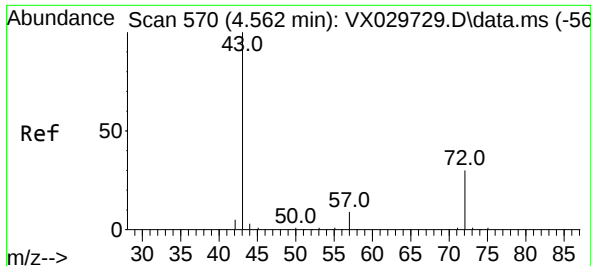
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#16
Acetone
Concen: 2.972 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09

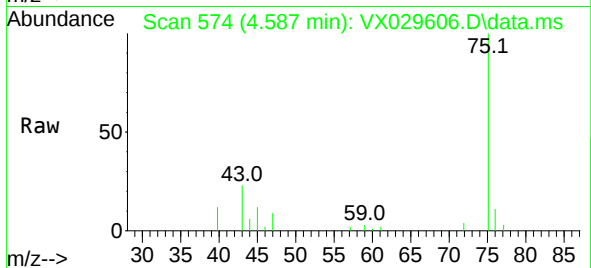
Tgt Ion: 43 Resp: 4135
Ion Ratio Lower Upper
43 100
58 36.0 28.8 43.2





#25
2-Butanone
Concen: 1.288 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.025 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09

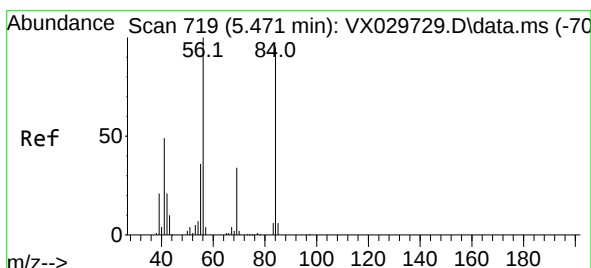
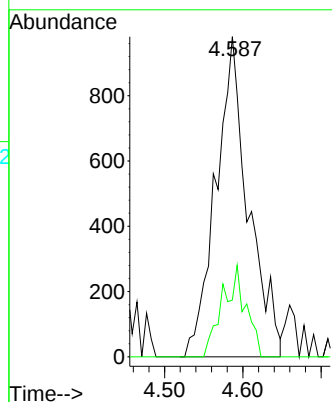
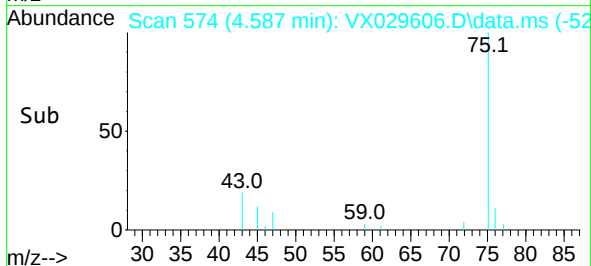
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



Tgt Ion: 43 Resp: 2834
Ion Ratio Lower Upper
43 100
72 17.7 24.4 36.6

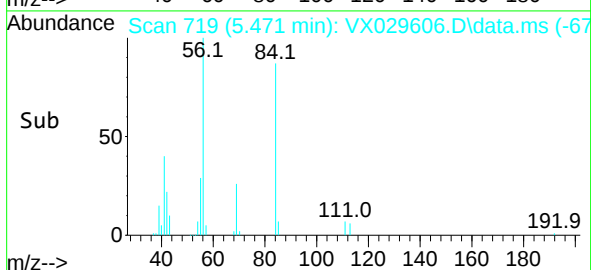
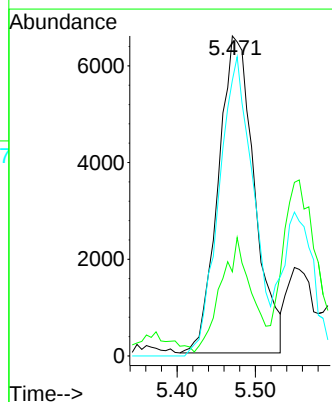
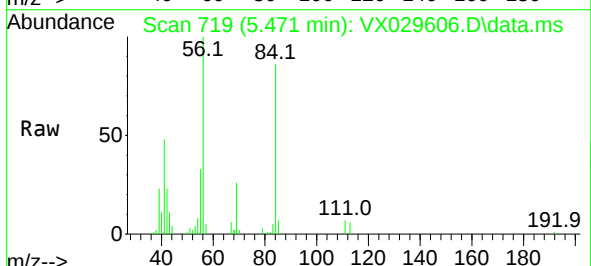
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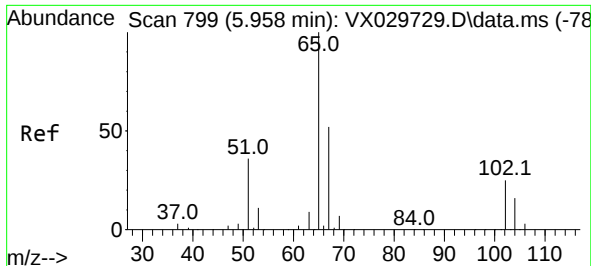
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#31
Cyclohexane
Concen: 4.487 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09

Tgt Ion: 56 Resp: 21028
Ion Ratio Lower Upper
56 100
69 23.5 26.7 40.1#
84 86.9 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 43.373 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029606.D

Acq: 19 Jun 2022 06:09

Instrument :

MSVOA_X

ClientSampleId :

MW-2D

Tgt Ion: 65 Resp: 15142

Ion Ratio Lower Upper

65 100

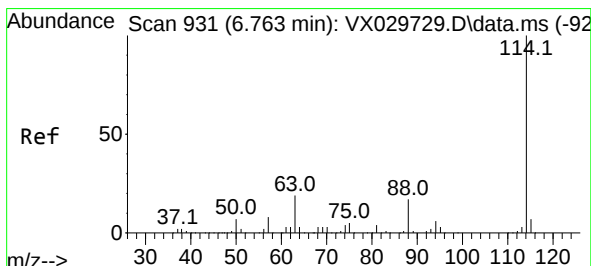
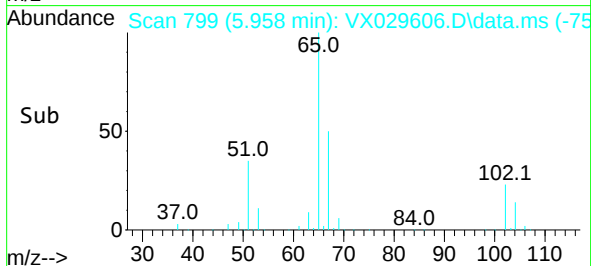
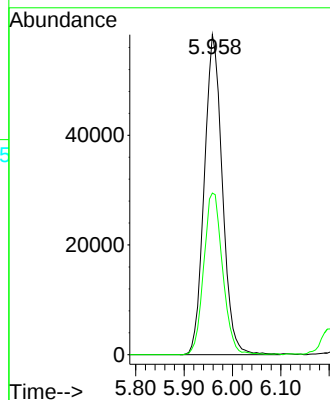
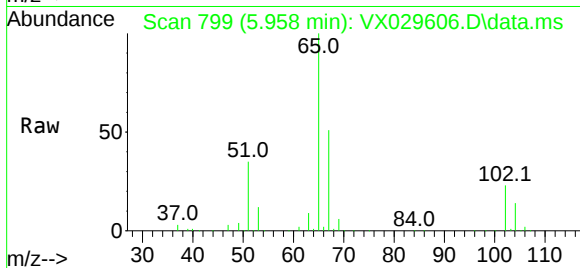
67 52.8 0.0 107.4

Manual Integrations

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Supervised By :Mahesh Dadoda 06/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029606.D

Acq: 19 Jun 2022 06:09

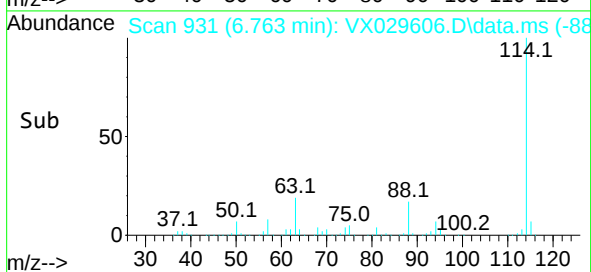
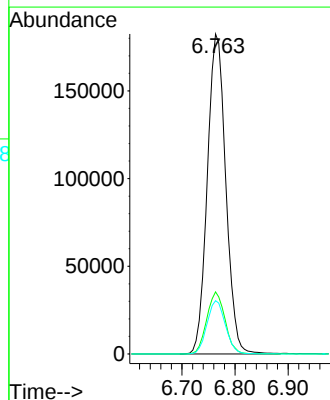
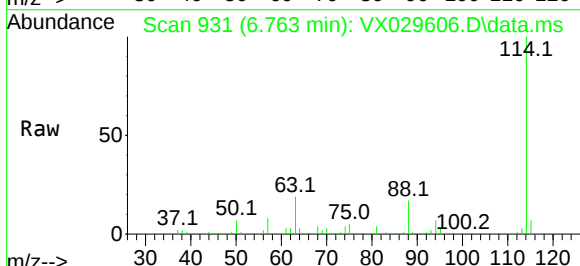
Tgt Ion:114 Resp: 440977

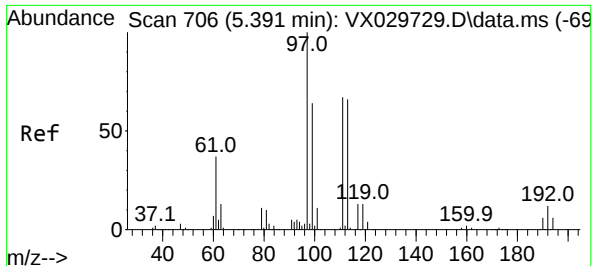
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

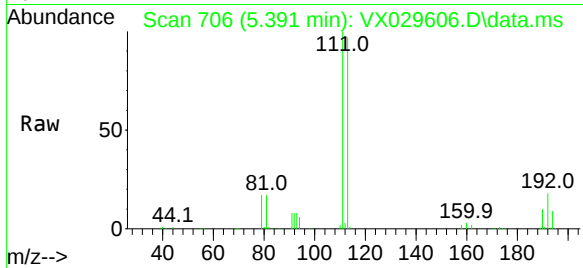
88 16.7 0.0 32.4





#35
Dibromofluoromethane
Concen: 45.753 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09

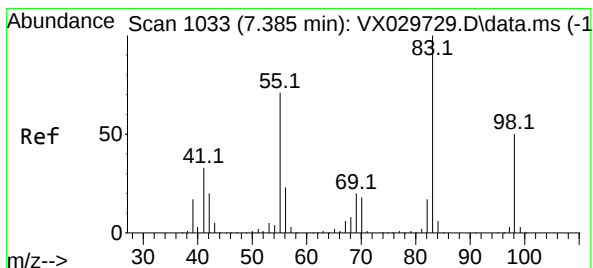
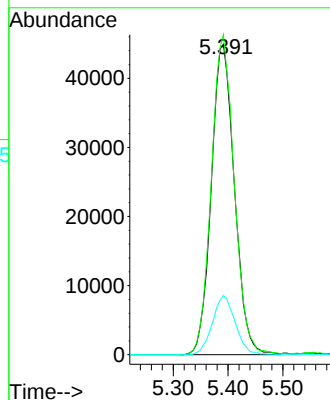
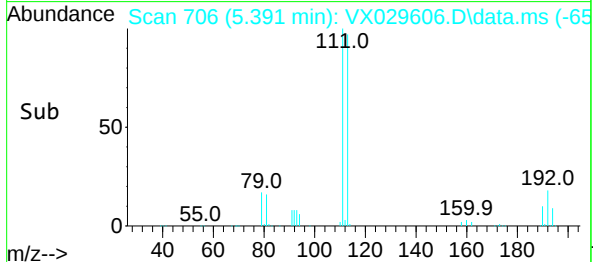
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



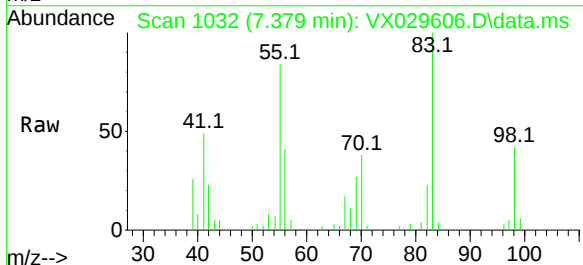
Tgt Ion: 113 Resp: 131484
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 18.8 16.9 25.3

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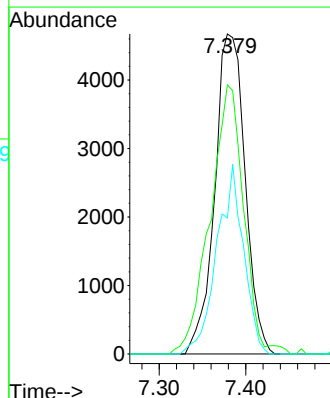
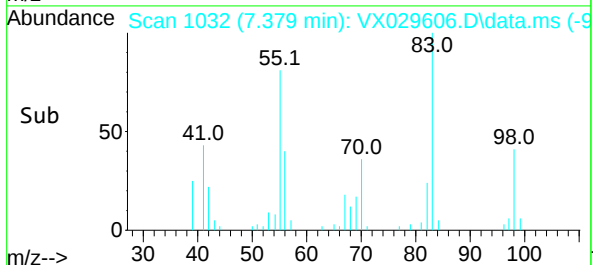
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

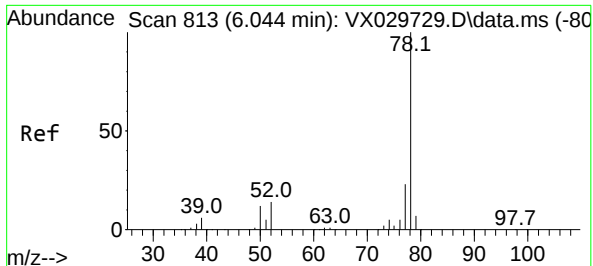


#39
Methylcyclohexane
Concen: 2.347 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09



Tgt Ion: 83 Resp: 11379
Ion Ratio Lower Upper
83 100
55 81.7 54.6 81.8
98 42.5 37.4 56.2





#40

Benzene

Concen: 0.412 ug/l

RT: 6.050 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX029606.D

Acq: 19 Jun 2022 06:09

Instrument :

MSVOA_X

ClientSampleId :

MW-2D

Tgt Ion: 78 Resp: 4750

Ion Ratio Lower Upper

78 100

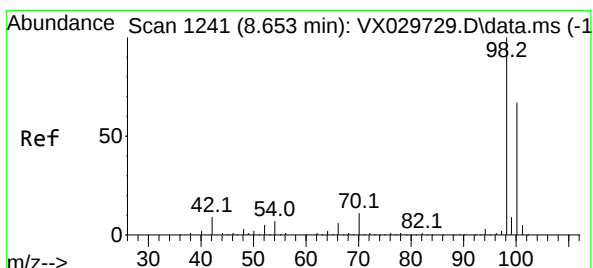
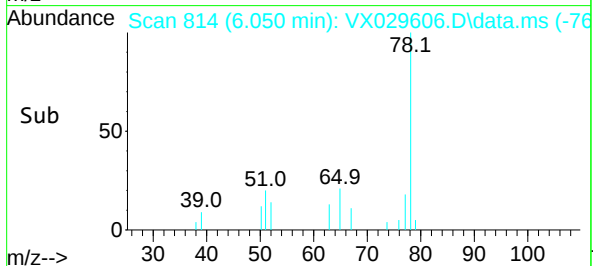
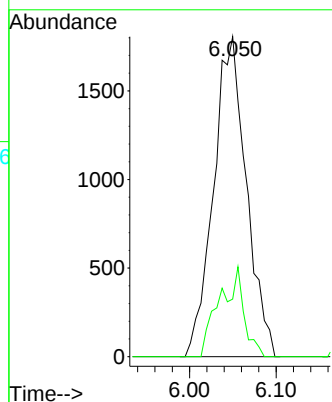
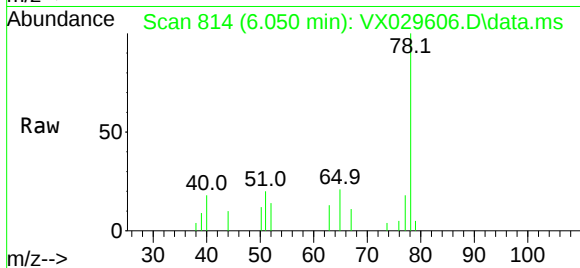
77 18.0 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#50

Toluene-d8

Concen: 47.798 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029606.D

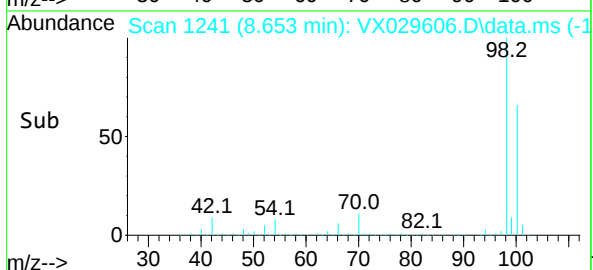
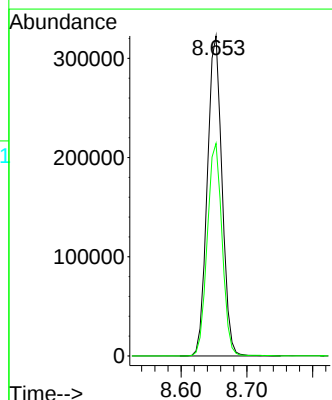
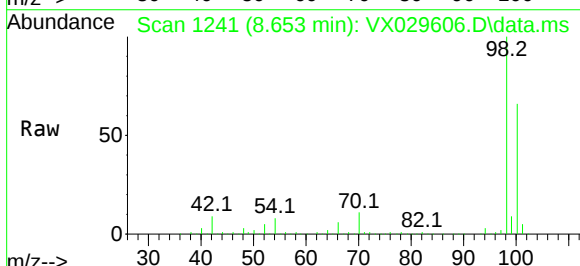
Acq: 19 Jun 2022 06:09

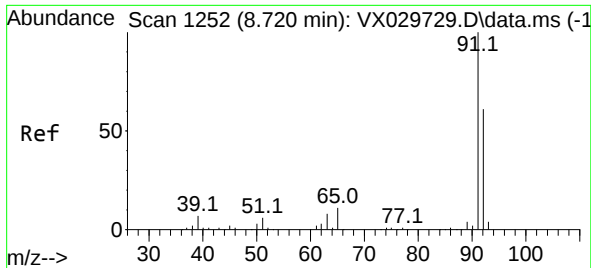
Tgt Ion: 98 Resp: 501812

Ion Ratio Lower Upper

98 100

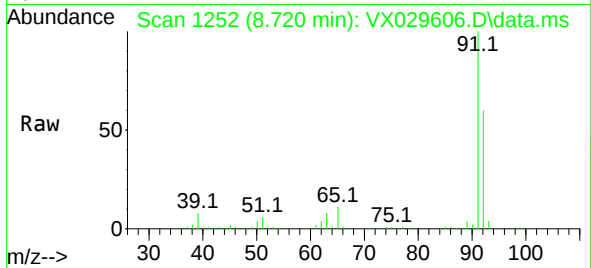
100 66.9 52.6 78.8





#52
Toluene
Concen: 71.826 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09

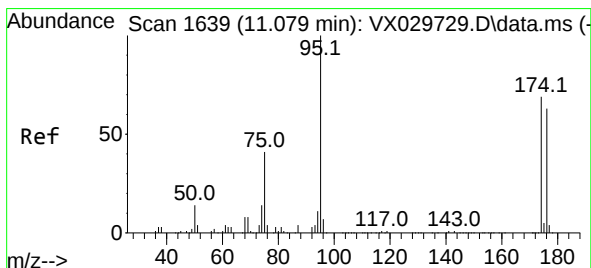
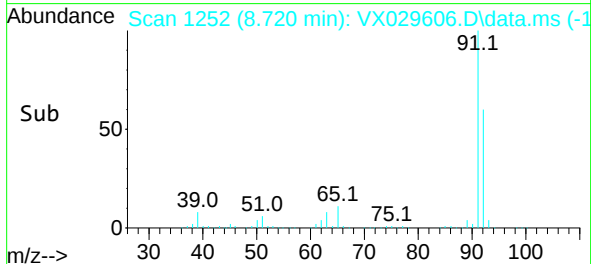
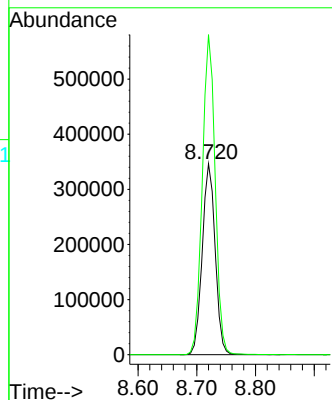
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



Tgt Ion: 92 Resp: 53027
Ion Ratio Lower Upper
92 100
91 166.8 137.5 206.3

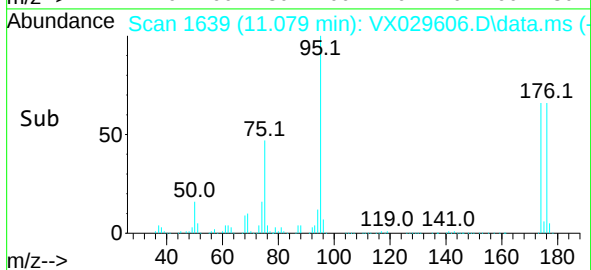
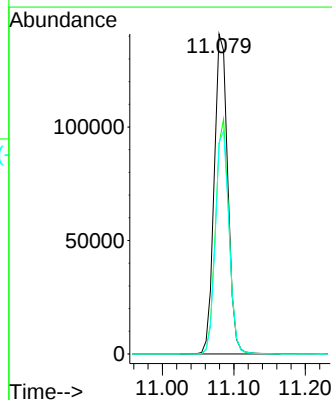
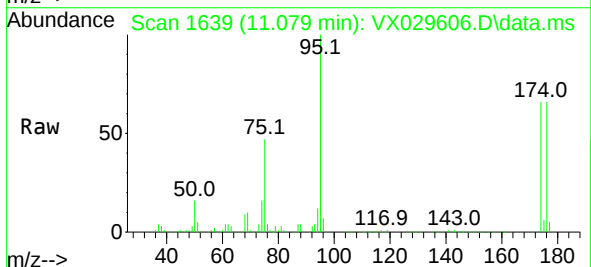
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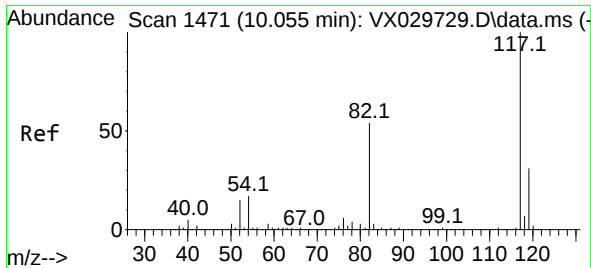
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#62
4-Bromofluorobenzene
Concen: 46.913 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09

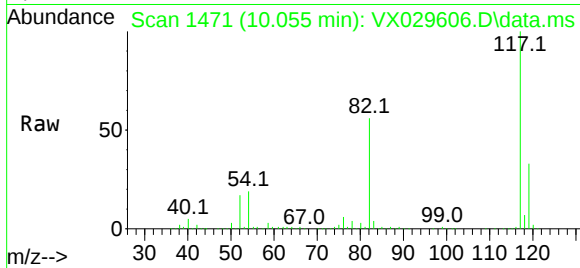
Tgt Ion: 95 Resp: 185735
Ion Ratio Lower Upper
95 100
174 72.1 0.0 163.0
176 70.2 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09

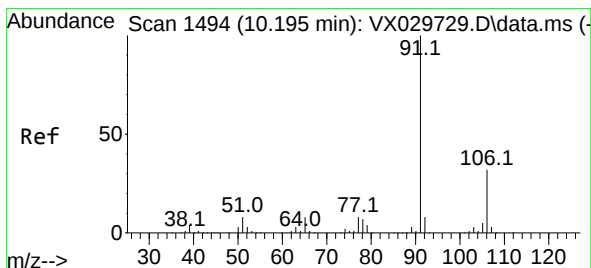
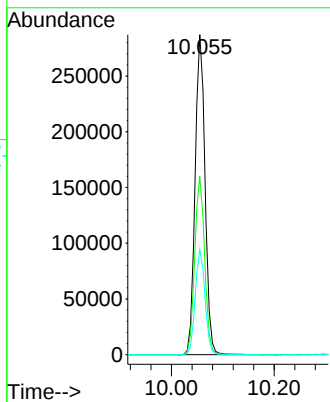
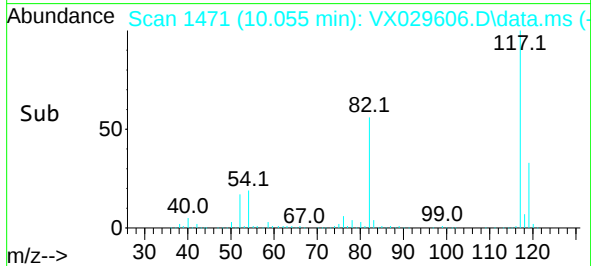
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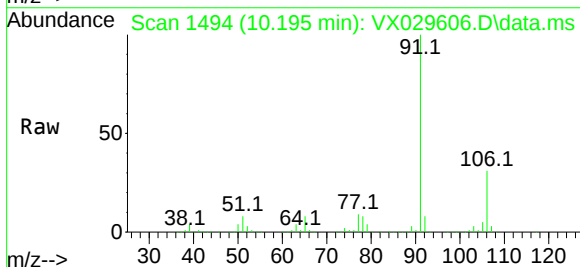
Tgt Ion:117 Resp: 38598
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.8 24.8 37.2

Manual Integrations
APPROVED

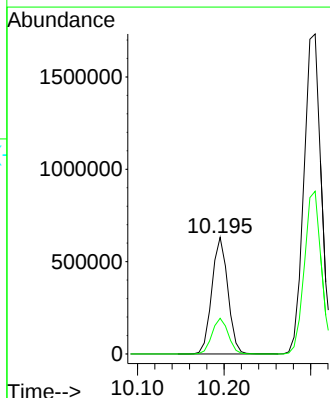
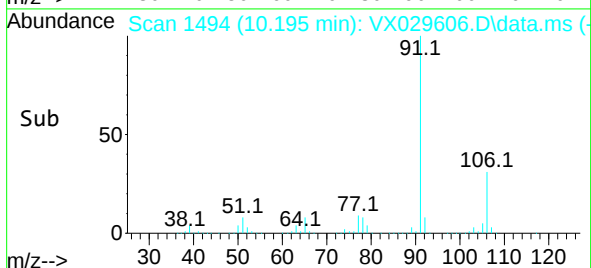
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

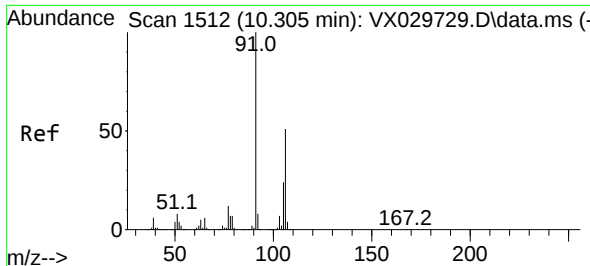


#67
Ethyl Benzene
Concen: 59.412 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09



Tgt Ion: 91 Resp: 809458
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8





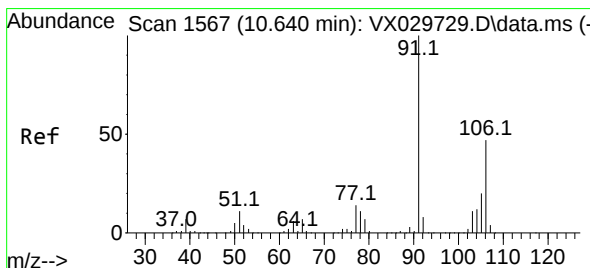
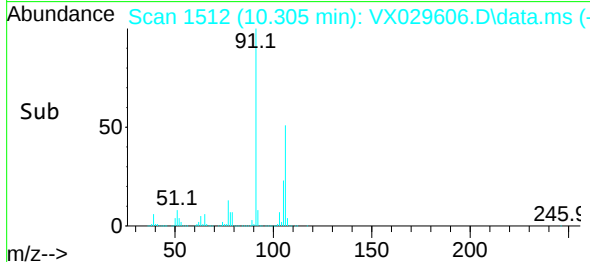
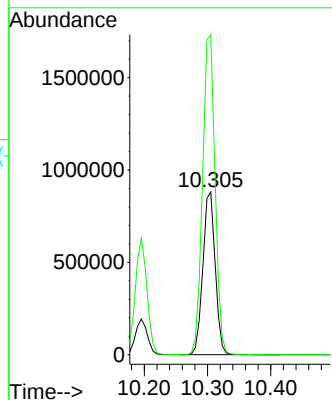
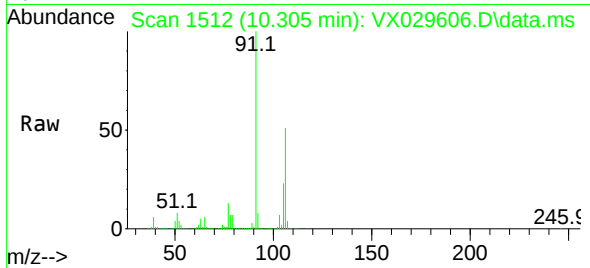
#68
m/p-Xylenes
Concen: 225.166 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09

Instrument :
MSVOA_X
ClientSampleId :
MW-2D

Tgt Ion:106 Resp: 119635
Ion Ratio Lower Upper
106 100
91 200.0 160.4 240.6

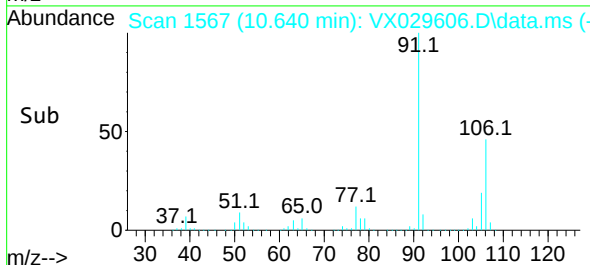
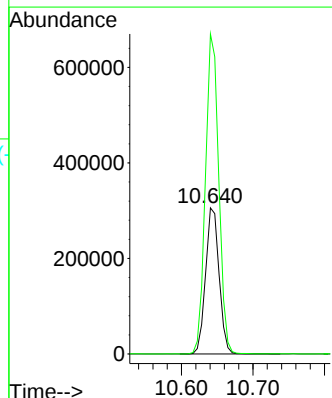
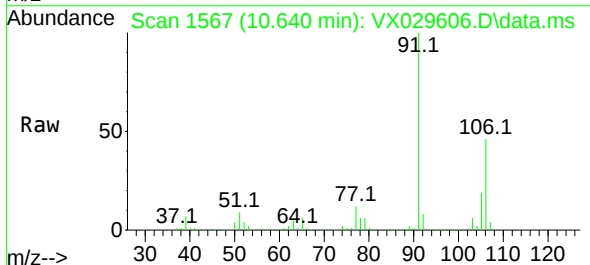
Manual Integrations
APPROVED

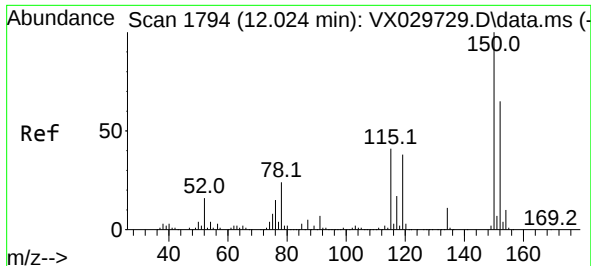
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#69
o-Xylene
Concen: 76.571 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09

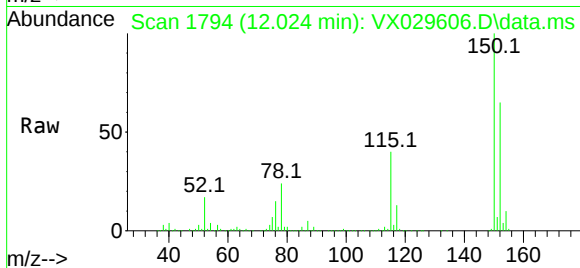
Tgt Ion:106 Resp: 401947
Ion Ratio Lower Upper
106 100
91 215.9 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09

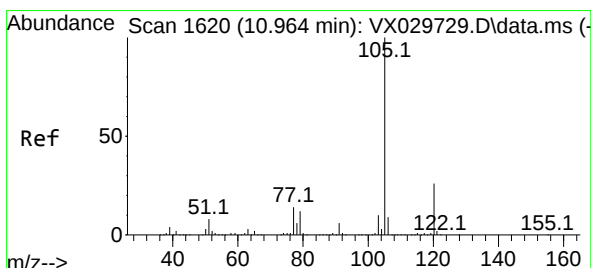
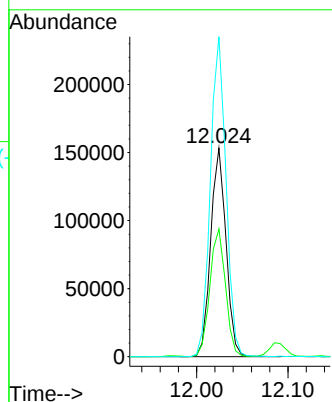
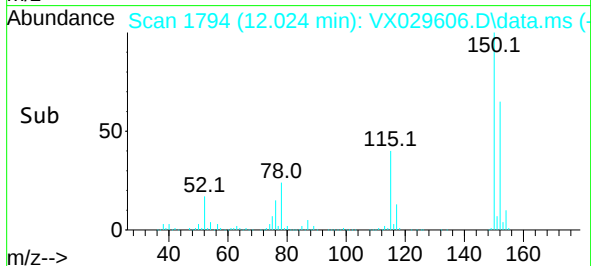
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



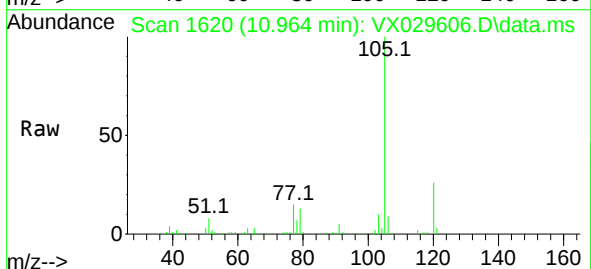
Tgt Ion:152 Resp: 17812
Ion Ratio Lower Upper
152 100
115 62.3 37.5 112.7
150 156.1 0.0 338.2

Manual Integrations
APPROVED

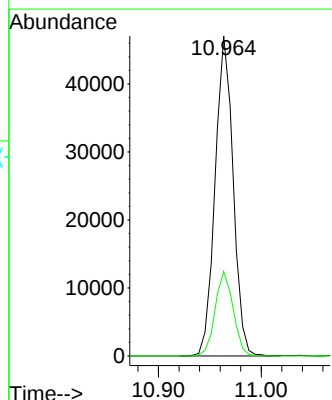
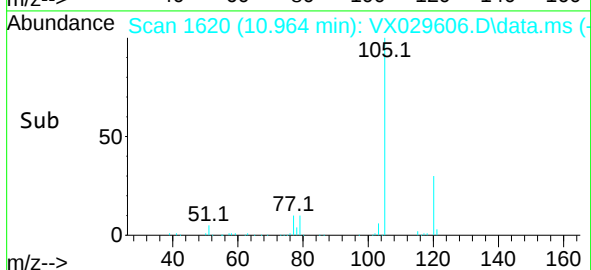
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

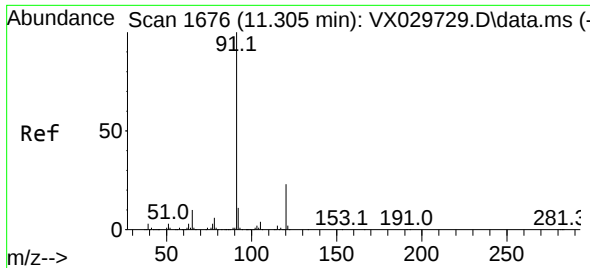


#73
Isopropylbenzene
Concen: 4.282 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09



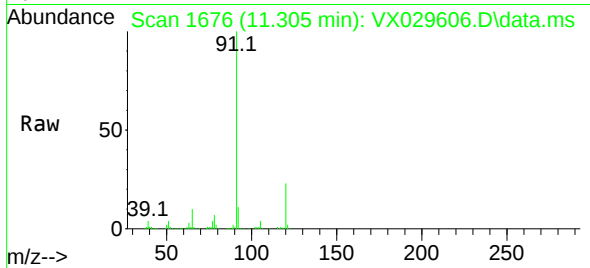
Tgt Ion:105 Resp: 57186
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.5





#78
n-propylbenzene
Concen: 11.789 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09

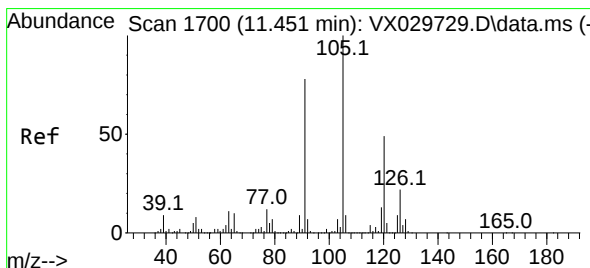
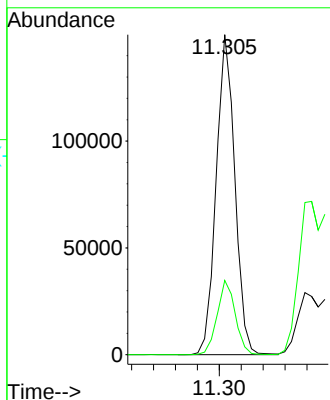
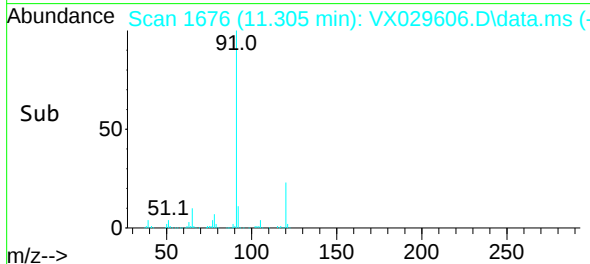
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



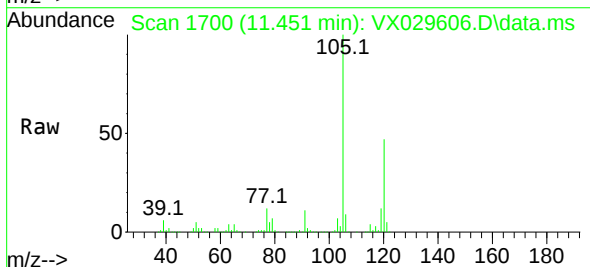
Tgt Ion: 91 Resp: 177329
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.8

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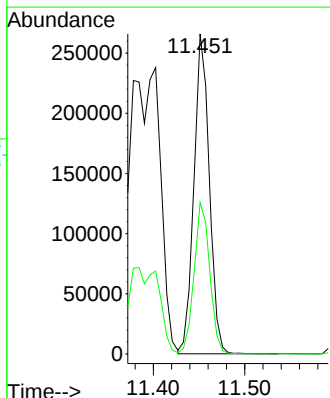
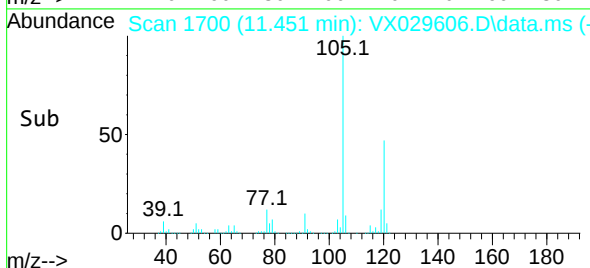
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

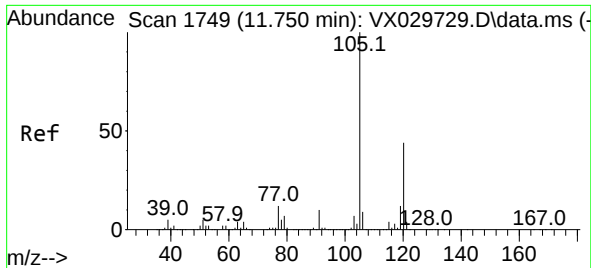


#80
1,3,5-Trimethylbenzene
Concen: 27.609 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09



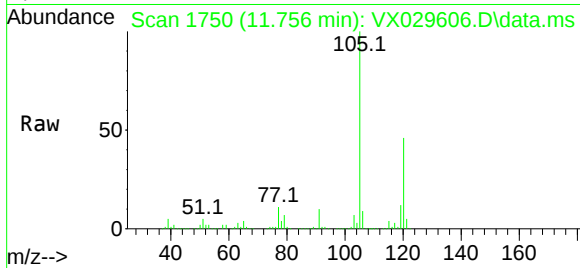
Tgt Ion:105 Resp: 310528
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 108.799 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09

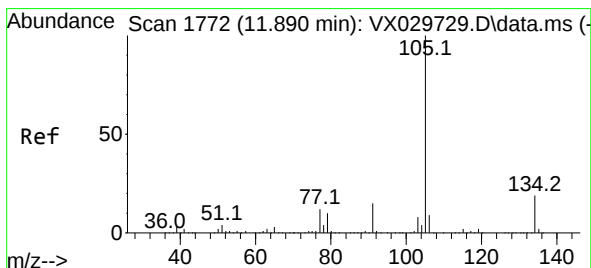
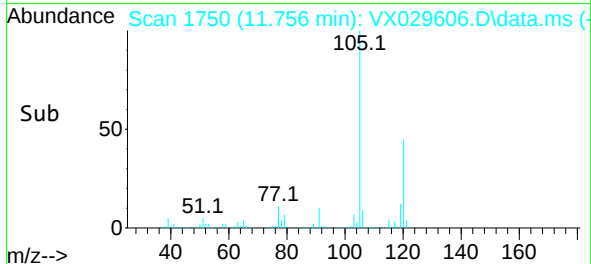
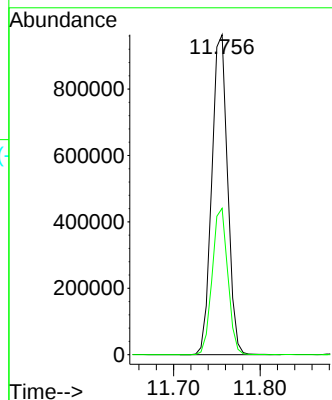
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



Tgt Ion:105 Resp: 122046
Ion Ratio Lower Upper
105 100
120 45.2 22.6 67.8

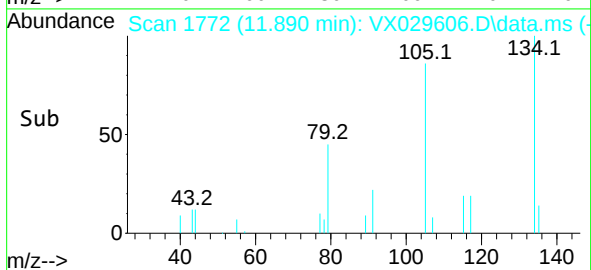
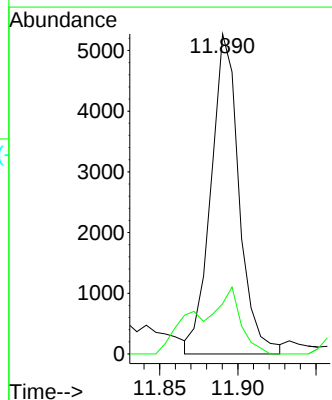
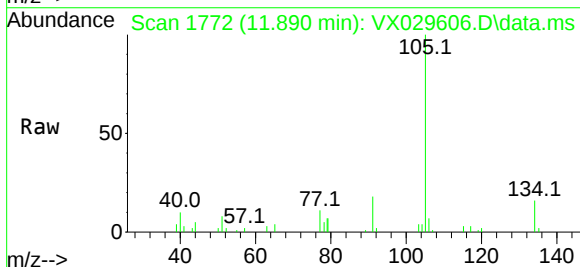
Manual Integrations
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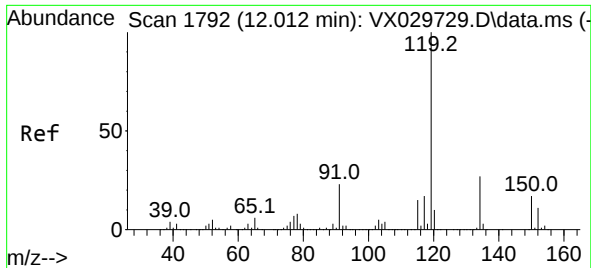
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#85
sec-Butylbenzene
Concen: 0.487 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09

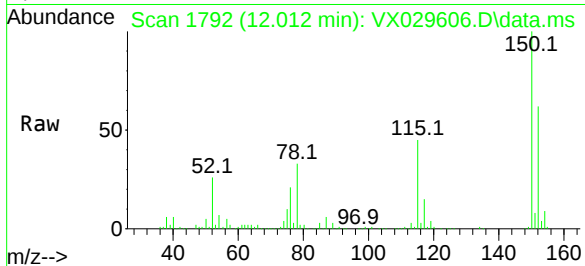
Tgt Ion:105 Resp: 6614
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 0.324 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09

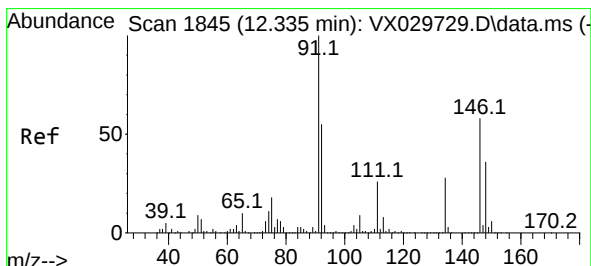
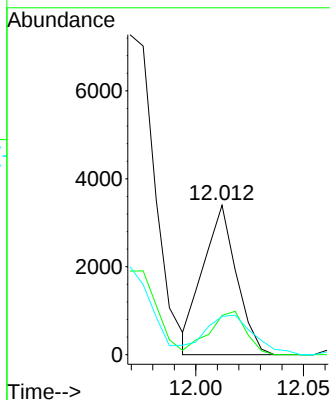
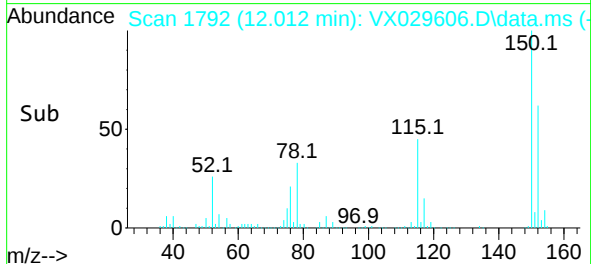
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



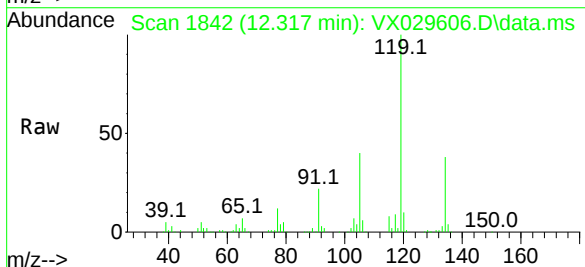
Tgt Ion:119 Resp: 3680
Ion Ratio Lower Upper
119 100
134 70.0 13.0 39.0#
91 0.0 11.3 33.9#

Manual Integrations
APPROVED

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



#89
n-Butylbenzene
Concen: 1.633 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.018 min
Lab File: VX029606.D
Acq: 19 Jun 2022 06:09



Tgt Ion: 91 Resp: 15683
Ion Ratio Lower Upper
91 100
92 25.8 27.8 83.3#
134 141.3 13.3 39.8#

