

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029581.D
 Acq On : 18 Jun 2022 19:42
 Operator : JC/MD
 Sample : N3290-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Jun 20 01:36:34 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 :Semsettin Yesilyurt 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	274782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	463531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	408123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156359	42.987	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.980%		
35) Dibromofluoromethane	5.391	113	134418	44.498	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.000%		
50) Toluene-d8	8.653	98	528901	47.927	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.860%		
62) 4-Bromofluorobenzene	11.079	95	197111	47.364	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.720%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	14590	10.063	ug/l	98
17) Carbon Disulfide	2.514	76	2145	0.297	ug/l #	94
25) 2-Butanone	4.568	43	10188	4.446	ug/l #	85
29) Tetrahydrofuran	5.019	42	1731	1.133	ug/l #	65
31) Cyclohexane	5.470	56	166845	34.166	ug/l	96
39) Methylcyclohexane	7.385	83	150678	29.560	ug/l	91
40) Benzene	6.044	78	3766329	310.777	ug/l	100
52) Toluene	8.720	92	229894	29.624	ug/l	97
67) Ethyl Benzene	10.195	91	5345463	371.059	ug/l	92
68) m/p-Xylenes	10.305	106	2791435	496.875	ug/l	93
69) o-Xylene	10.646	106	1029728	185.520	ug/l	99
73) Isopropylbenzene	10.963	105	1223456	86.607	ug/l	99
78) n-propylbenzene	11.305	91	3662703	230.209	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	2508475	210.851	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	5078270	427.993	ug/l	95
85) sec-Butylbenzene	11.890	105	198177	13.785	ug/l	97
86) p-Isopropyltoluene	12.012	119	40034m	3.326	ug/l	
89) n-Butylbenzene	12.317	91	329262m	32.410	ug/l	
95) Naphthalene	13.780	128	4206423	318.289	ug/l	98

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

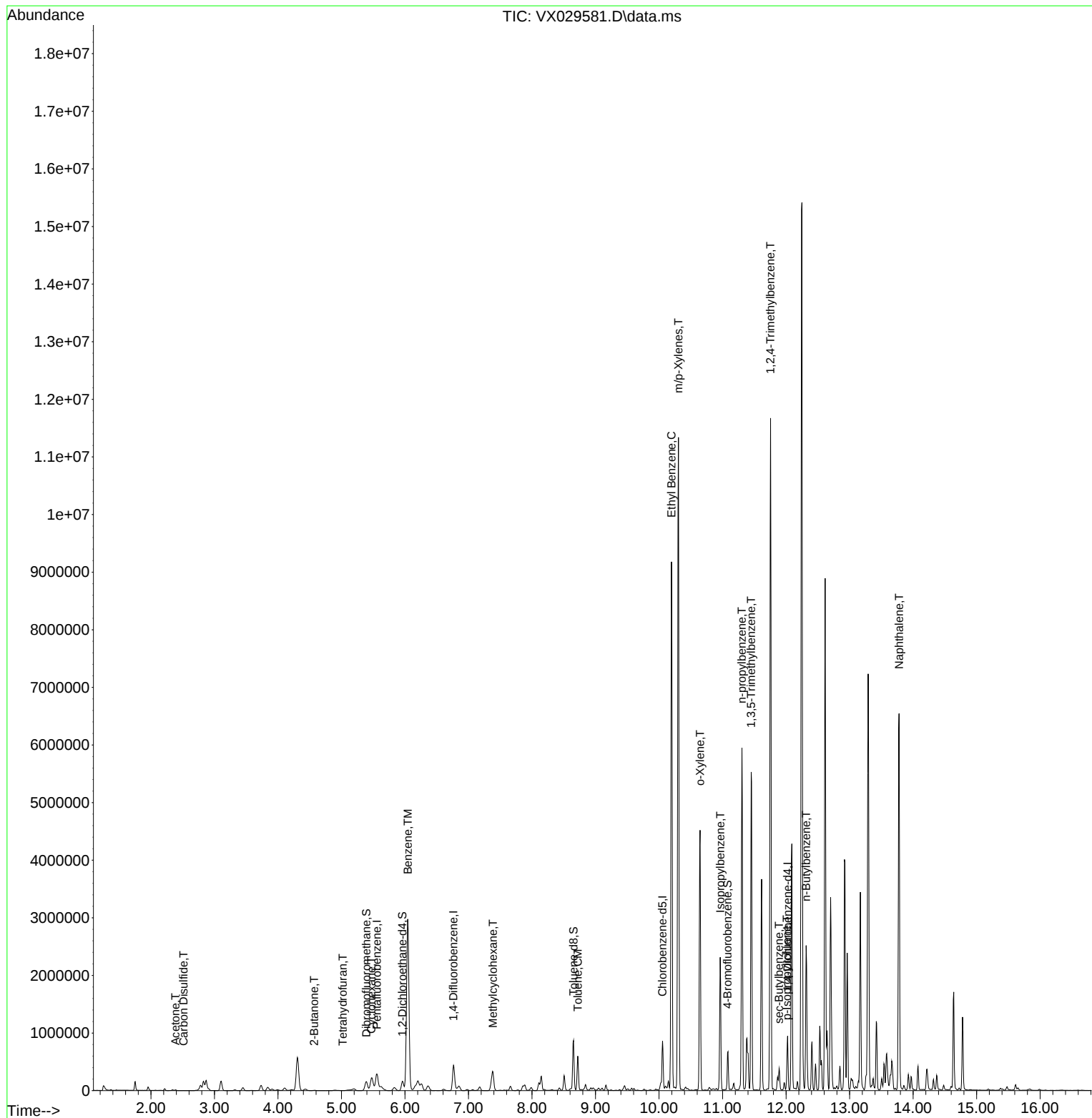
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029581.D
Acq On : 18 Jun 2022 19:42
Operator : JC/MD
Sample : N3290-05
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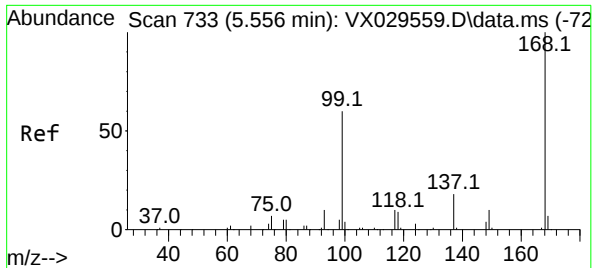
Instrument :
MSVOA_X
ClientSampleId :
MW-6

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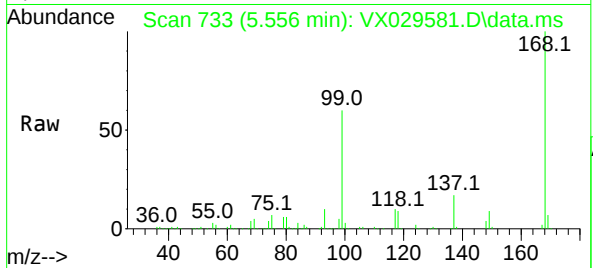
Quant Time: Jun 20 01:36:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

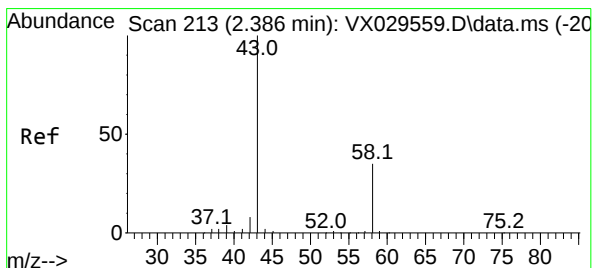
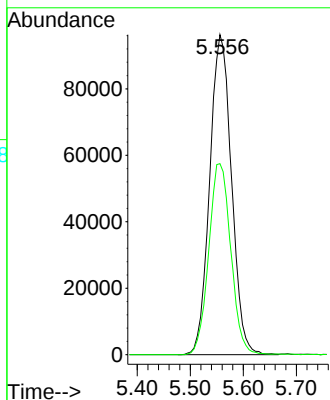
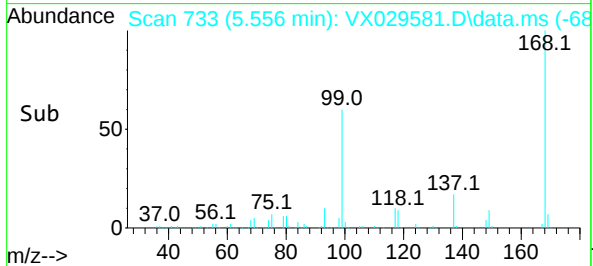
Instrument :
MSVOA_X
ClientSampleId :
MW-6



Tgt Ion:168 Resp: 274782
Ion Ratio Lower Upper
168 100
99 59.7 41.7 62.5

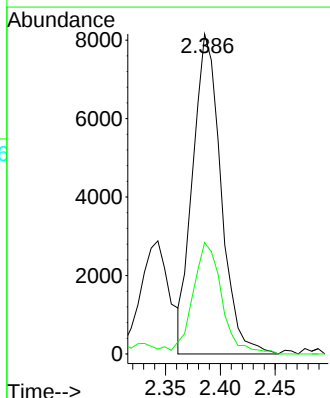
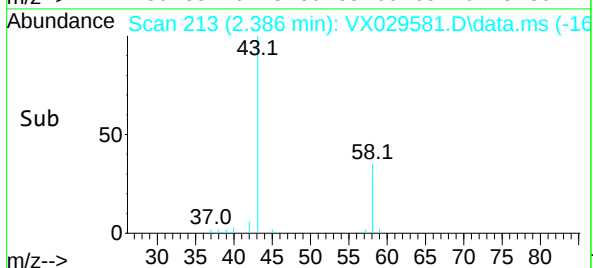
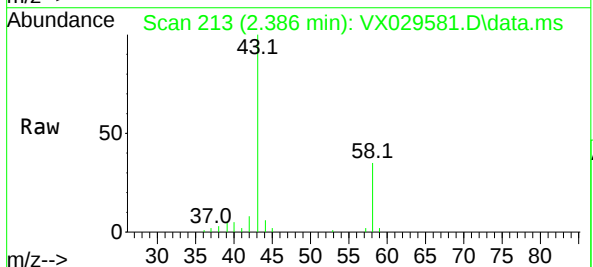
Manual Integrations
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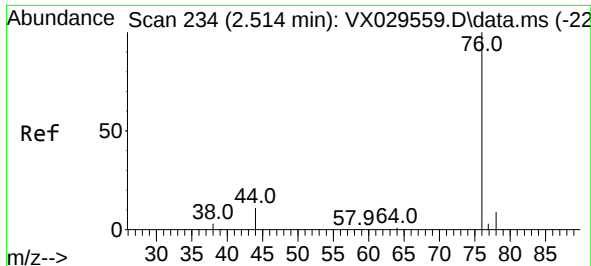
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#16
Acetone
Concen: 10.063 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

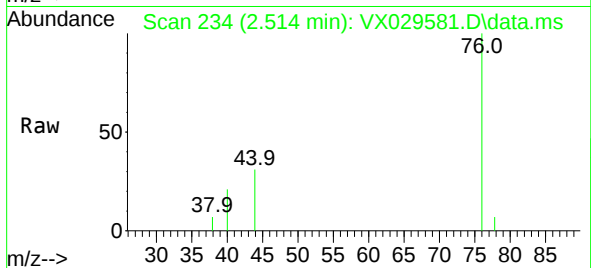
Tgt Ion: 43 Resp: 14590
Ion Ratio Lower Upper
43 100
58 34.8 28.8 43.2





#17
Carbon Disulfide
Concen: 0.297 ug/l
RT: 2.514 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

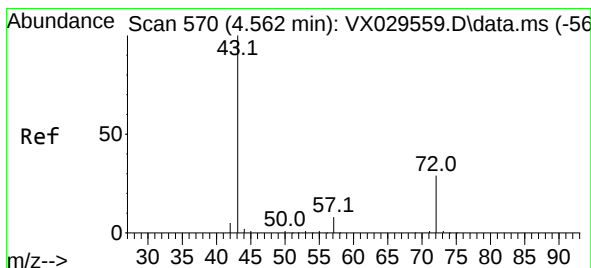
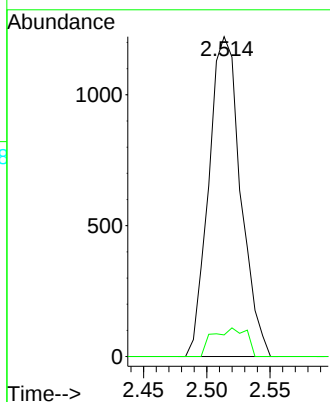
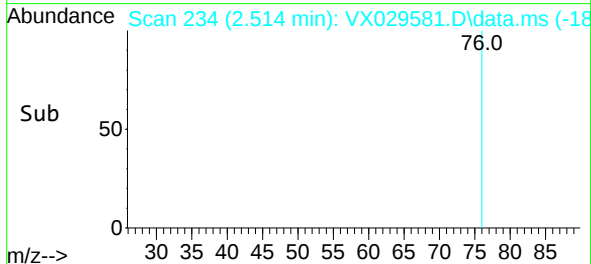
Instrument :
MSVOA_X
ClientSampleId :
MW-6



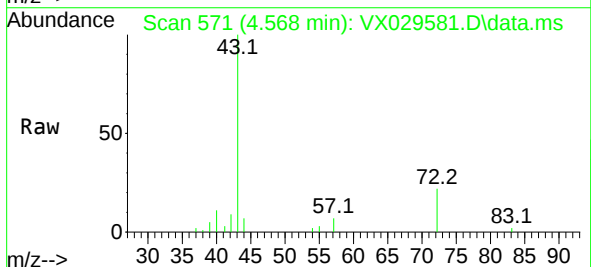
Tgt Ion: 76 Resp: 214
Ion Ratio Lower Upper
76 100
78 6.8 7.2 10.8

Manual Integrations
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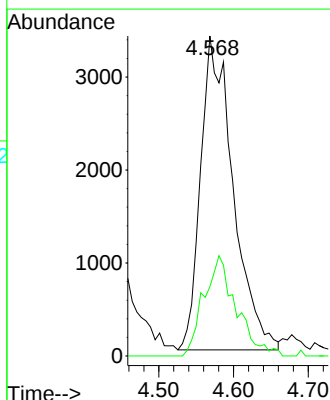
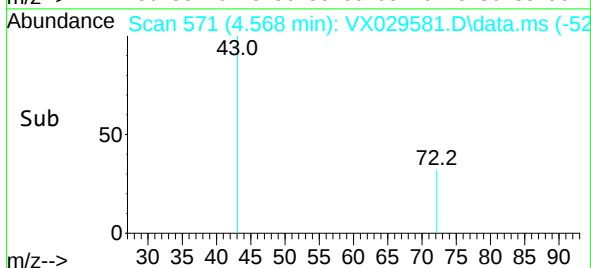
Reviewed By :Semsettin Yesilyurt 06/23/2022
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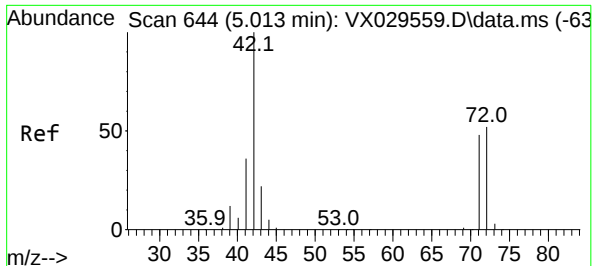


#25
2-Butanone
Concen: 4.446 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42



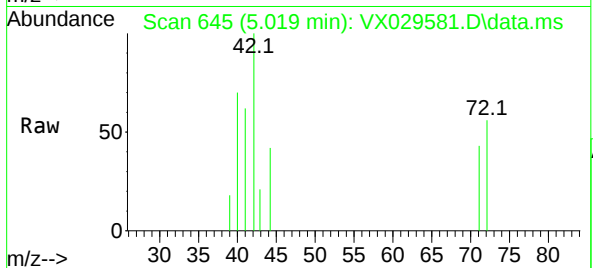
Tgt Ion: 43 Resp: 10188
Ion Ratio Lower Upper
43 100
72 22.1 24.4 36.6





#29
Tetrahydrofuran
Concen: 1.133 ug/l
RT: 5.019 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

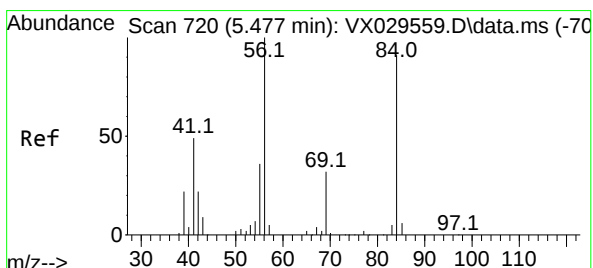
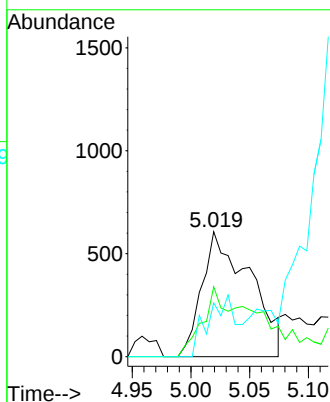
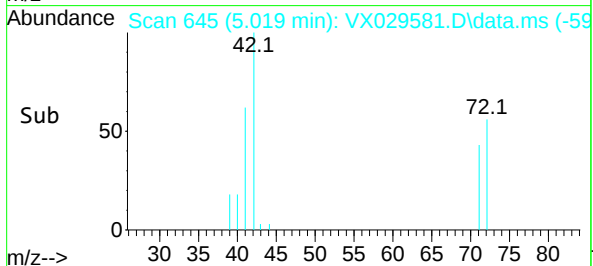
Instrument :
MSVOA_X
ClientSampleId :
MW-6



Tgt Ion: 42 Resp: 173
Ion Ratio Lower Upper
42 100
72 27.0 44.1 66.1
71 29.2 40.5 60.7

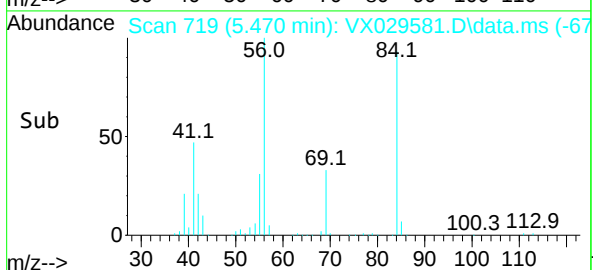
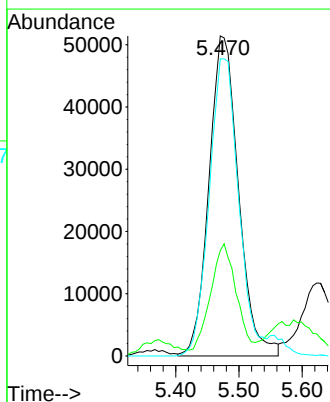
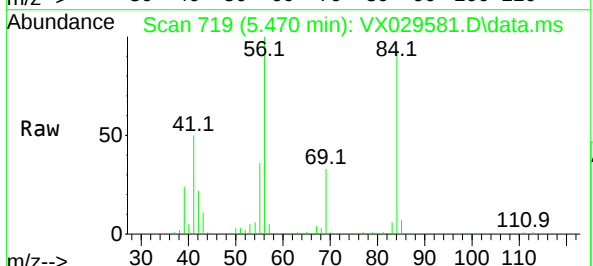
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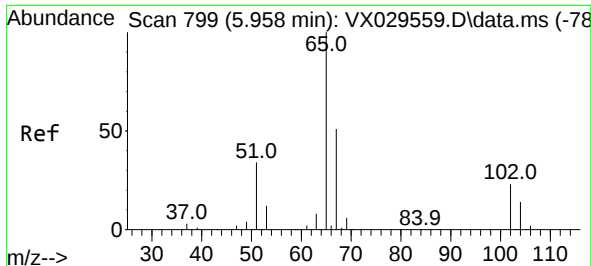
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#31
Cyclohexane
Concen: 34.166 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

Tgt Ion: 56 Resp: 166845
Ion Ratio Lower Upper
56 100
69 30.3 26.7 40.1
84 93.3 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 42.987 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029581.D

Acq: 18 Jun 2022 19:42

Instrument :

MSVOA_X

ClientSampleId :

MW-6

Tgt Ion: 65 Resp: 156359

Ion Ratio Lower Upper

65 100

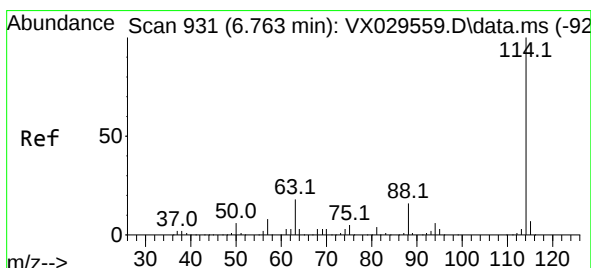
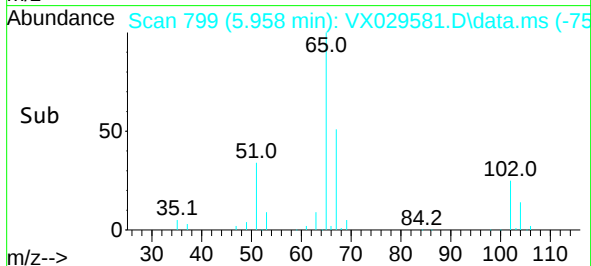
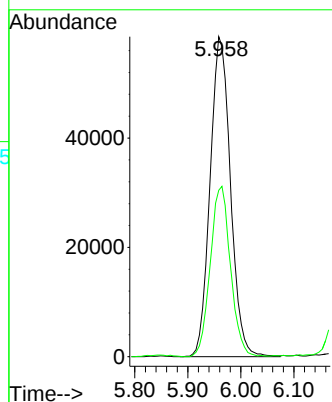
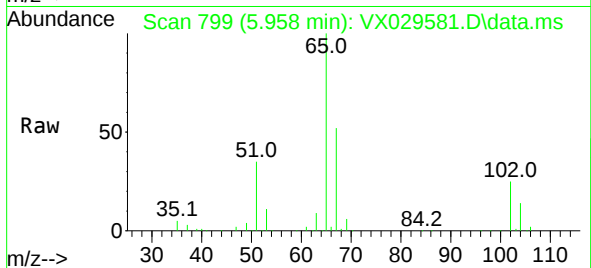
67 52.8 0.0 107.4

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: VX029581.D

Acq: 18 Jun 2022 19:42

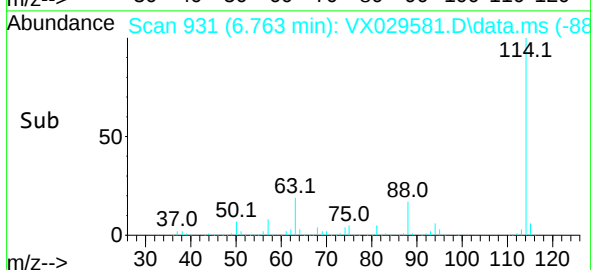
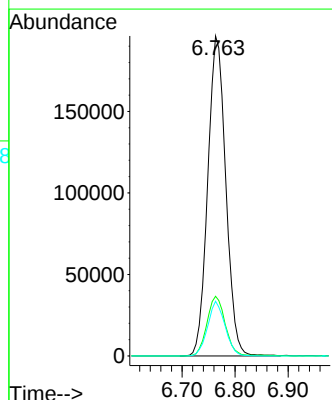
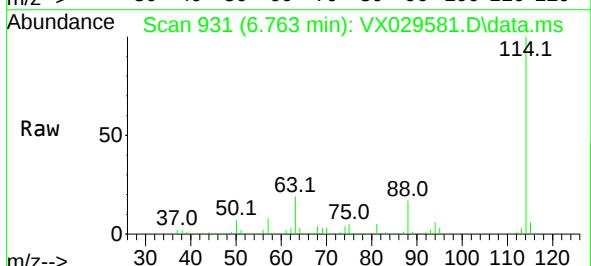
Tgt Ion:114 Resp: 463531

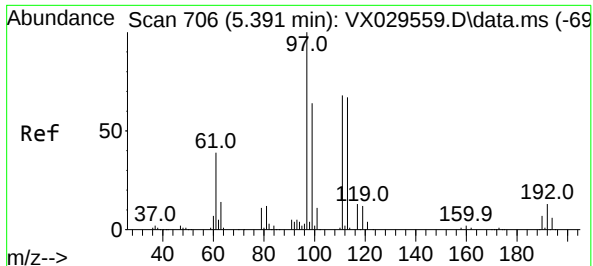
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

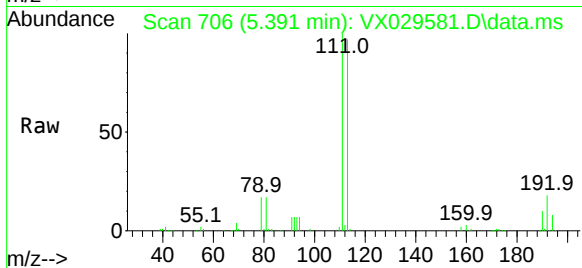
88 17.1 0.0 32.4





#35
Dibromofluoromethane
Concen: 44.498 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

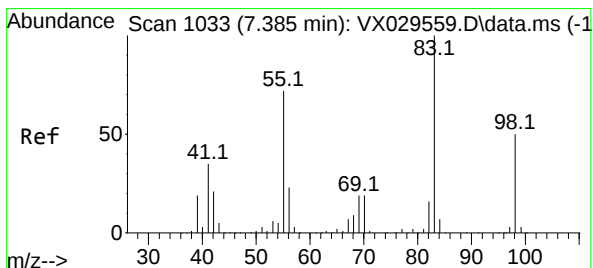
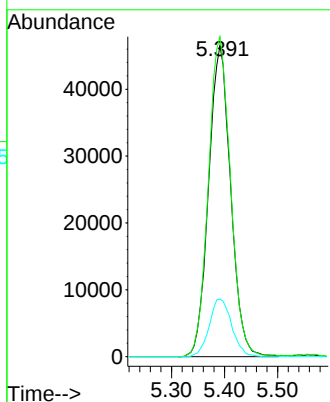
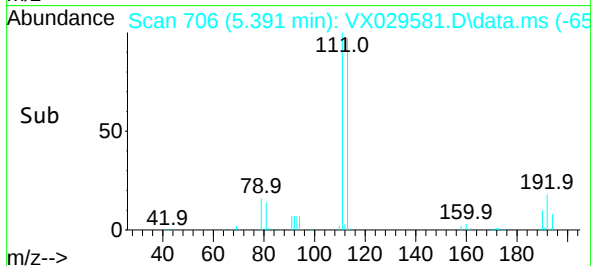
Instrument :
MSVOA_X
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MW-6



Tgt Ion:113 Resp: 134418
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 18.9 16.9 25.3

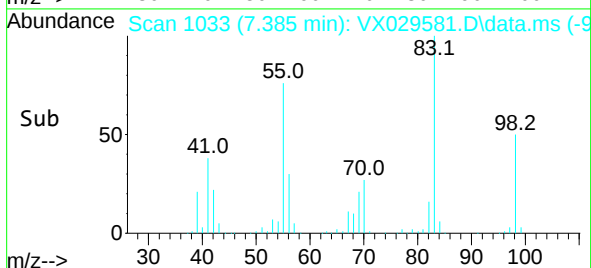
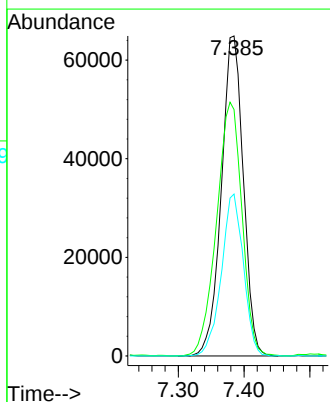
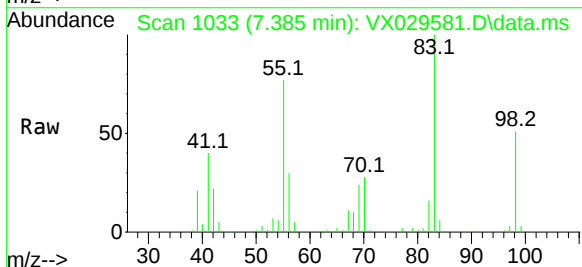
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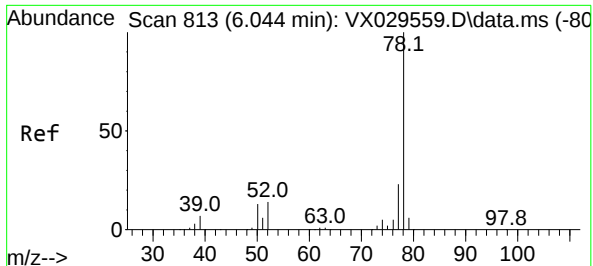
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#39
Methylcyclohexane
Concen: 29.560 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

Tgt Ion: 83 Resp: 150678
Ion Ratio Lower Upper
83 100
55 76.8 54.6 81.8
98 50.6 37.4 56.2





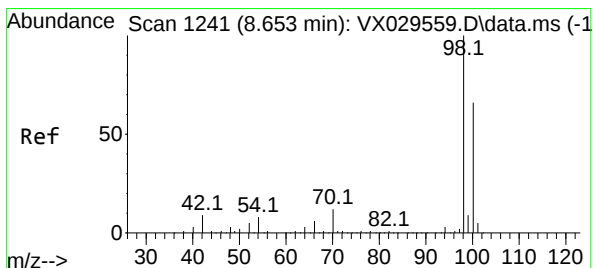
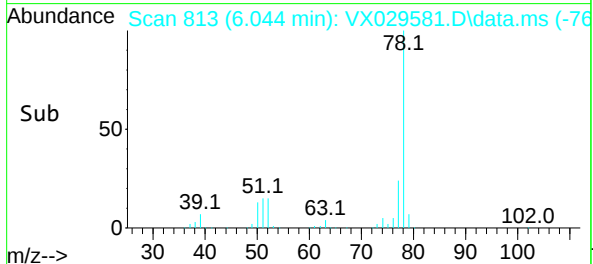
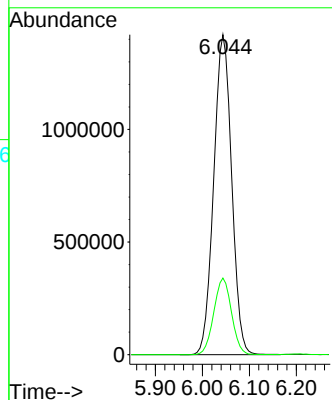
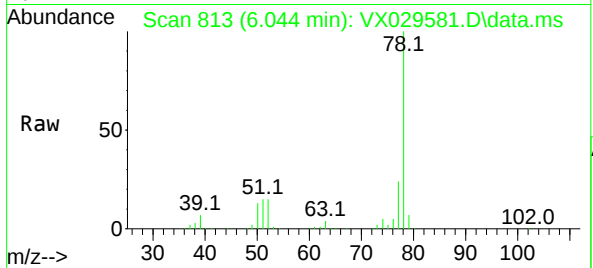
#40
Benzene
Concen: 310.777 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MW-6

Tgt Ion: 78 Resp: 3766329
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

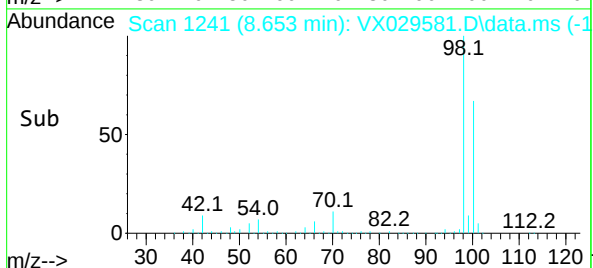
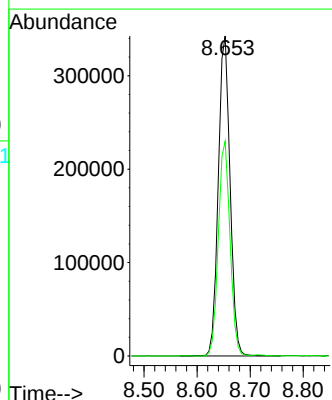
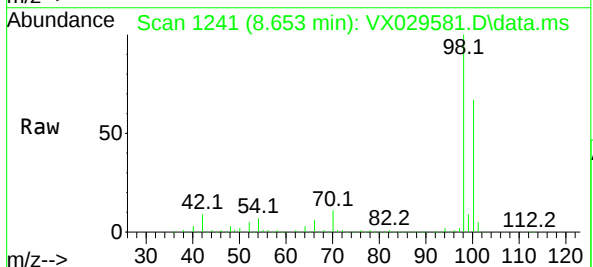
Manual Integrations
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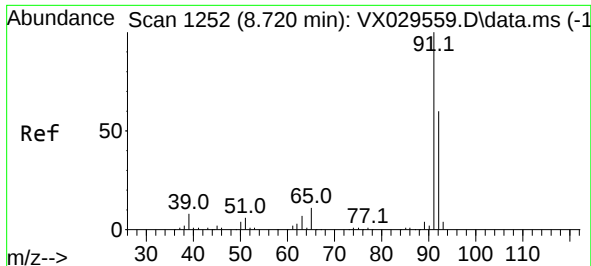
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#50
Toluene-d8
Concen: 47.927 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

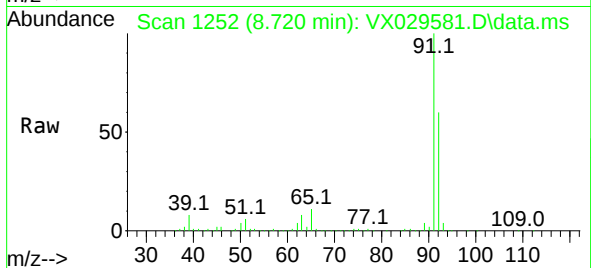
Tgt Ion: 98 Resp: 528901
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8





#52
Toluene
Concen: 29.624 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

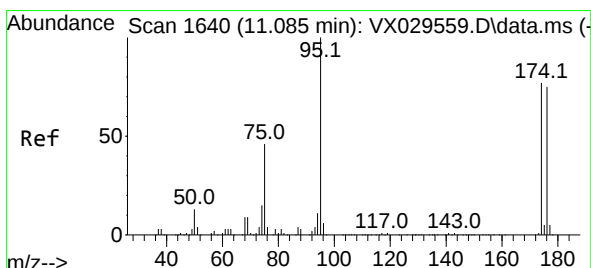
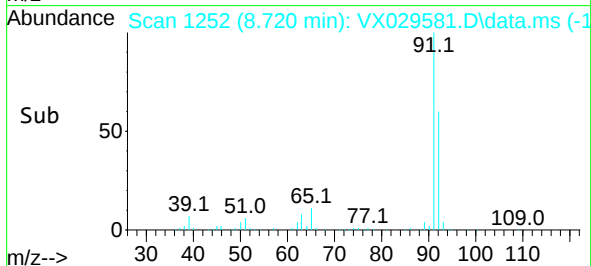
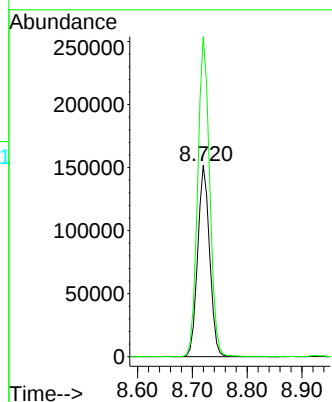
Instrument :
MSVOA_X
ClientSampleId :
MW-6



Tgt Ion: 92 Resp: 229894
Ion Ratio Lower Upper
92 100
91 168.3 137.5 206.3

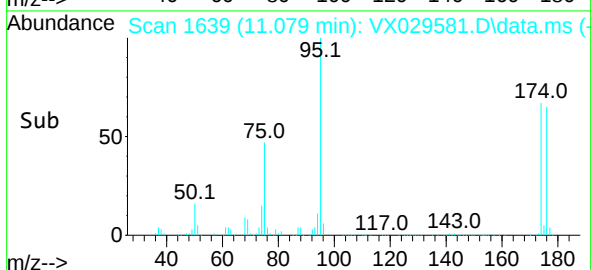
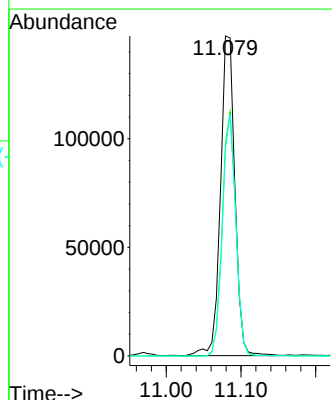
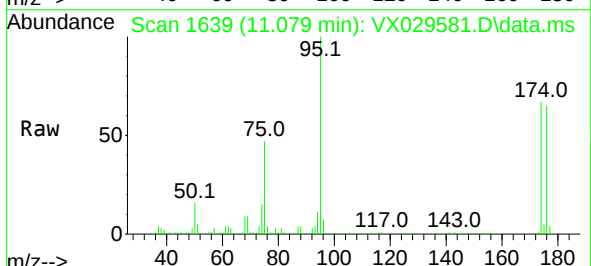
Manual Integrations
APPROVED

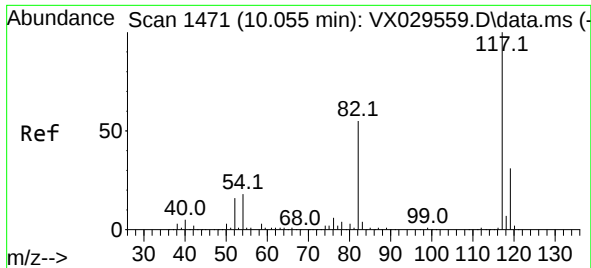
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#62
4-Bromofluorobenzene
Concen: 47.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

Tgt Ion: 95 Resp: 197111
Ion Ratio Lower Upper
95 100
174 71.6 0.0 163.0
176 70.1 0.0 155.0





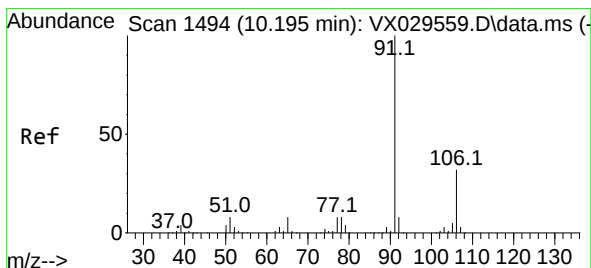
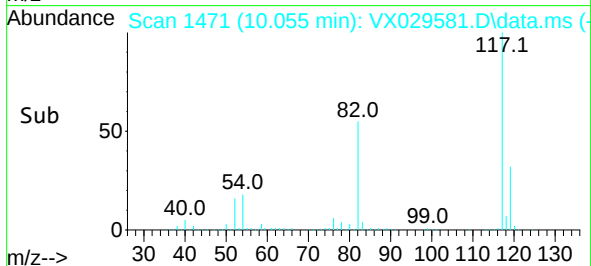
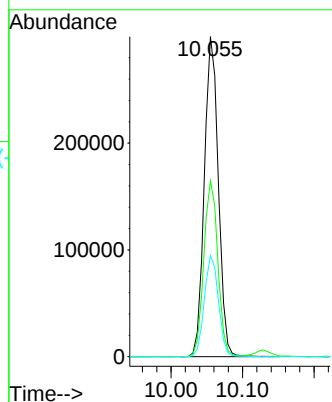
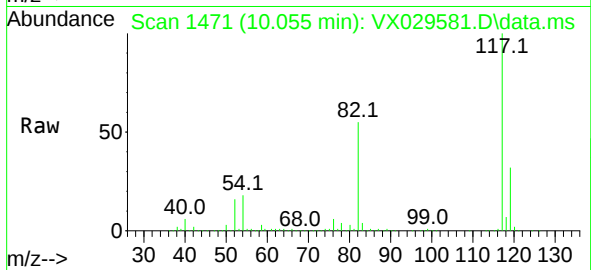
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MW-6

Tgt Ion:117 Resp: 40812
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.8
119 31.6 24.8 37.2

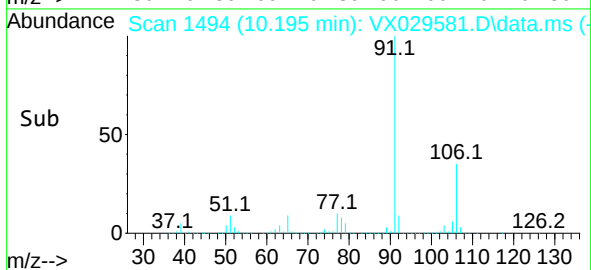
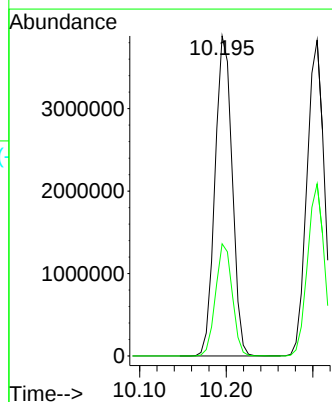
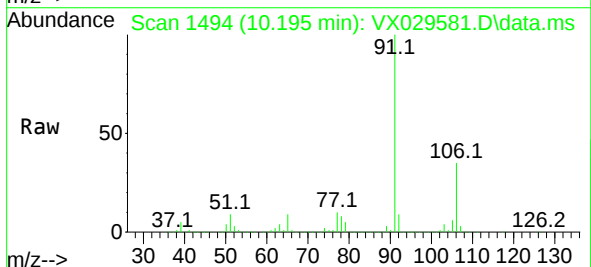
Manual Integrations
APPROVED

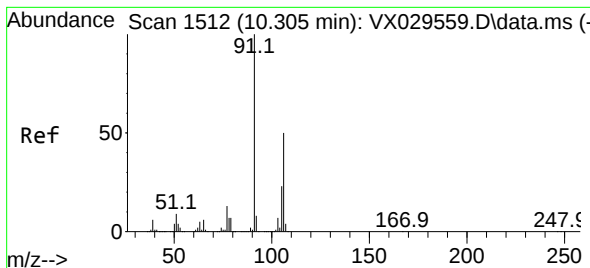
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#67
Ethyl Benzene
Concen: 371.059 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

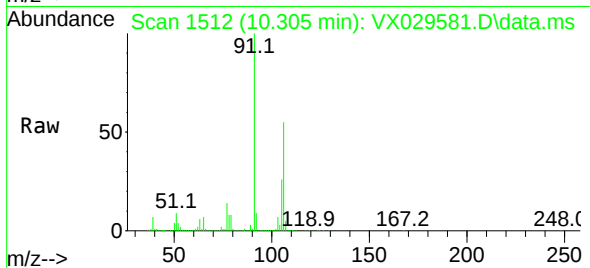
Tgt Ion: 91 Resp: 5345463
Ion Ratio Lower Upper
91 100
106 35.1 24.6 36.8





#68
m/p-Xylenes
Concen: 496.875 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

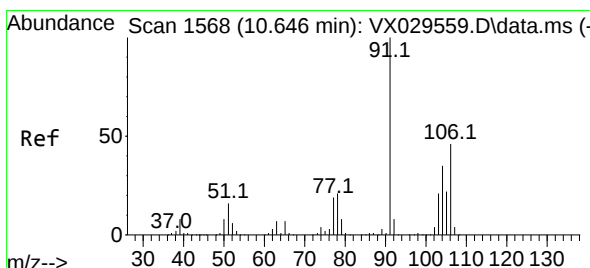
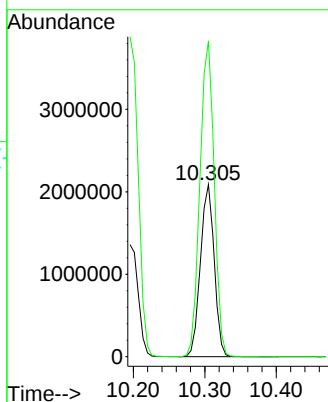
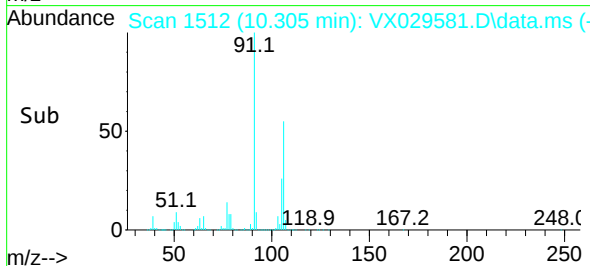
Instrument :
MSVOA_X
ClientSampleId :
MW-6



Tgt Ion:106 Resp: 2791438
Ion Ratio Lower Upper
106 100
91 190.2 160.4 240.6

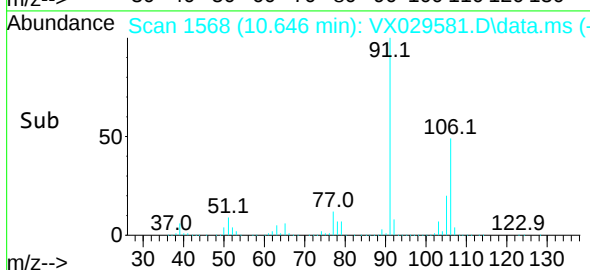
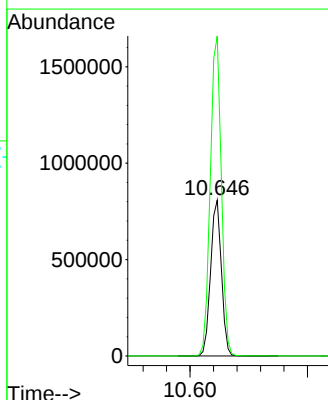
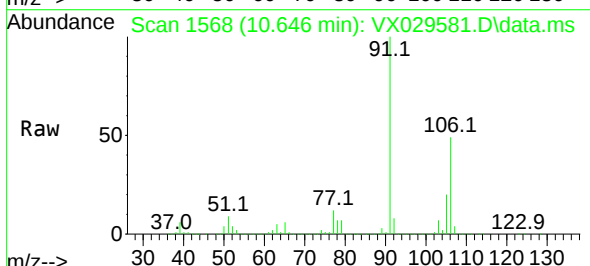
Manual Integrations
APPROVED

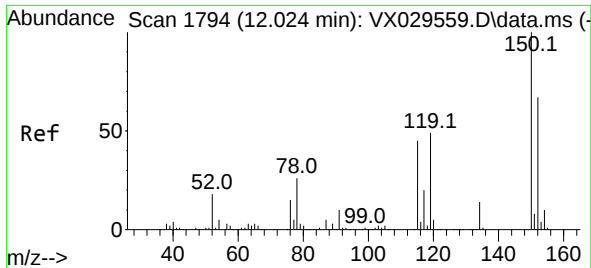
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#69
o-Xylene
Concen: 185.520 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

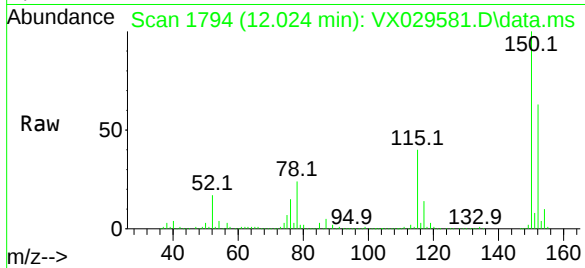
Tgt Ion:106 Resp: 1029728
Ion Ratio Lower Upper
106 100
91 210.6 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

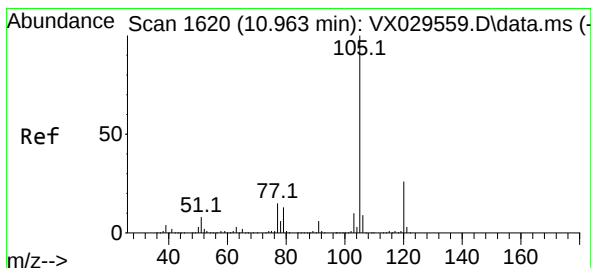
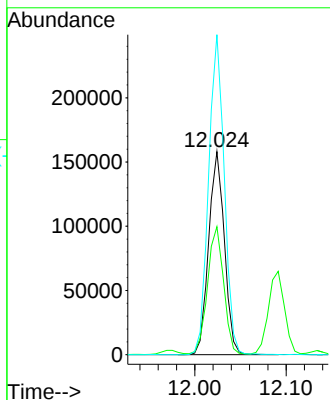
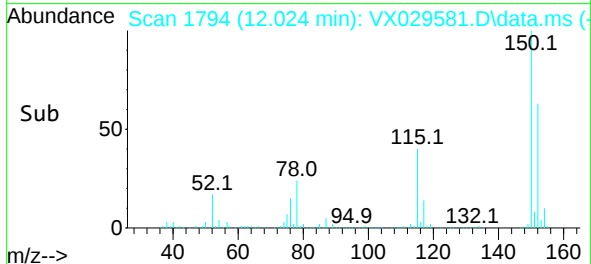
Instrument :
MSVOA_X
ClientSampleId :
MW-6



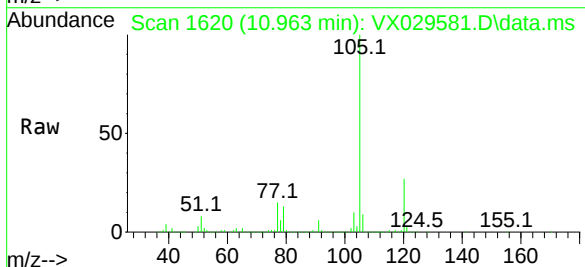
Tgt Ion:152 Resp: 18840
Ion Ratio Lower Upper
152 100
115 64.0 37.5 112.7
150 157.1 0.0 338.2

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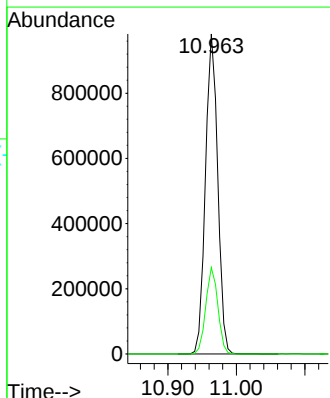
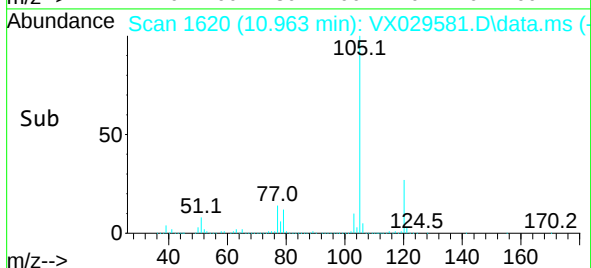
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

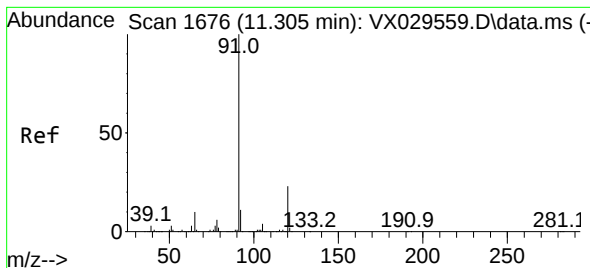


#73
Isopropylbenzene
Concen: 86.607 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42



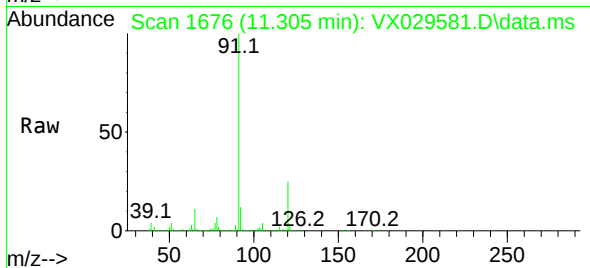
Tgt Ion:105 Resp: 1223456
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.5





#78
n-propylbenzene
Concen: 230.209 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

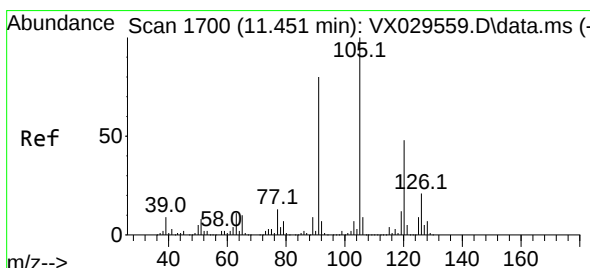
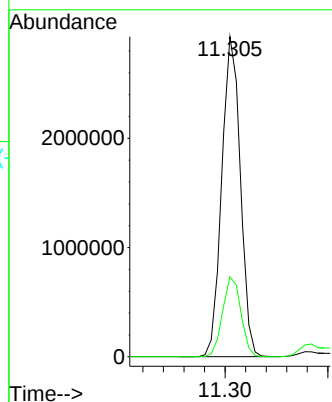
Instrument :
MSVOA_X
ClientSampleId :
MW-6



Tgt Ion: 91 Resp: 366270
Ion Ratio Lower Upper
91 100
120 24.6 11.6 34.8

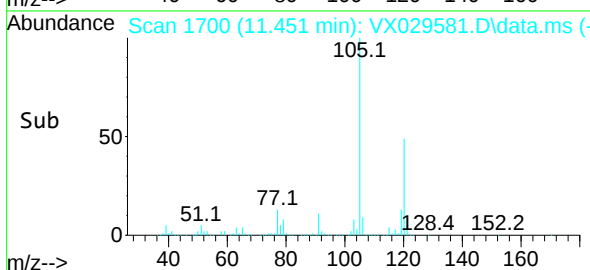
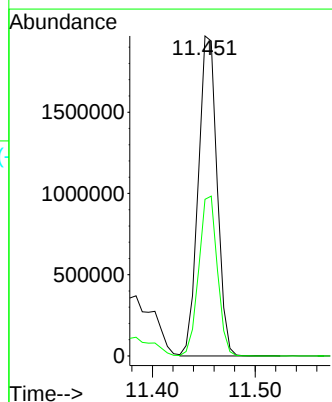
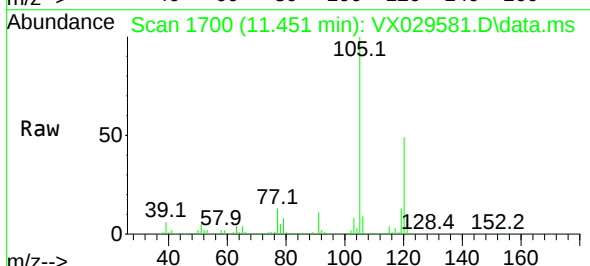
Manual Integrations
APPROVED

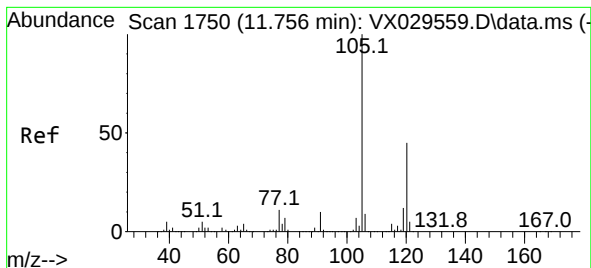
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#80
1,3,5-Trimethylbenzene
Concen: 210.851 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

Tgt Ion:105 Resp: 2508475
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.9





#84

1,2,4-Trimethylbenzene

Concen: 427.993 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX029581.D

Acq: 18 Jun 2022 19:42

Instrument :

MSVOA_X

ClientSampleId :

MW-6

Tgt Ion:105 Resp: 5078270

Ion Ratio Lower Upper

105 100

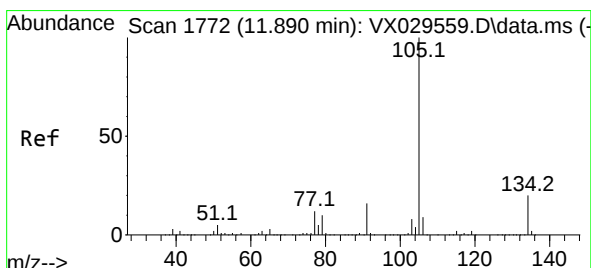
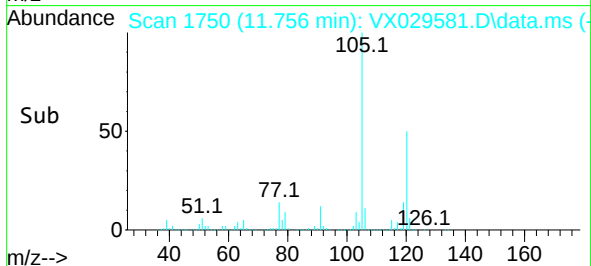
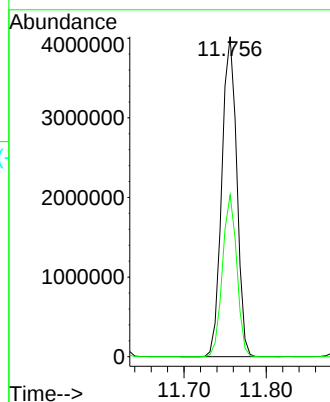
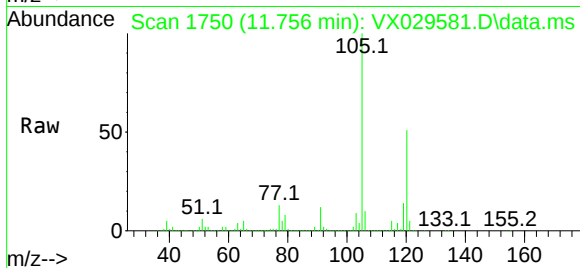
120 48.4 22.6 67.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#85

sec-Butylbenzene

Concen: 13.785 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX029581.D

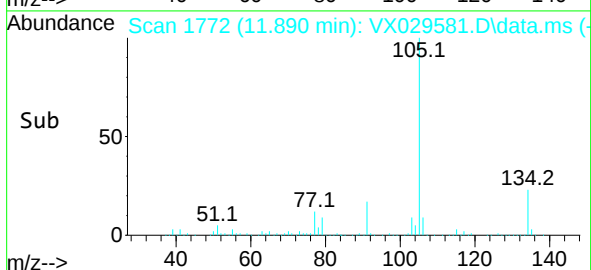
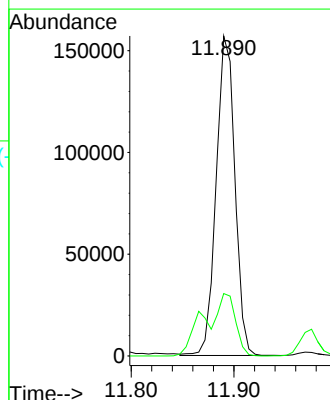
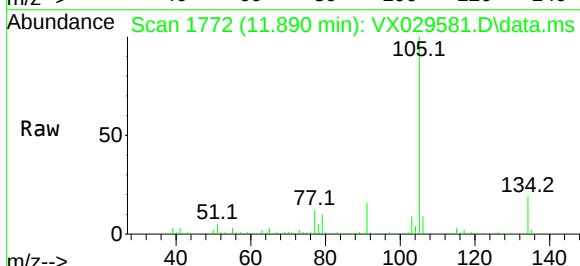
Acq: 18 Jun 2022 19:42

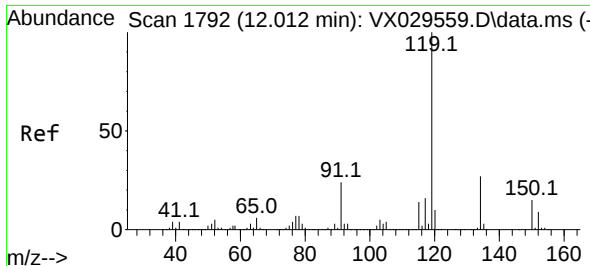
Tgt Ion:105 Resp: 198177

Ion Ratio Lower Upper

105 100

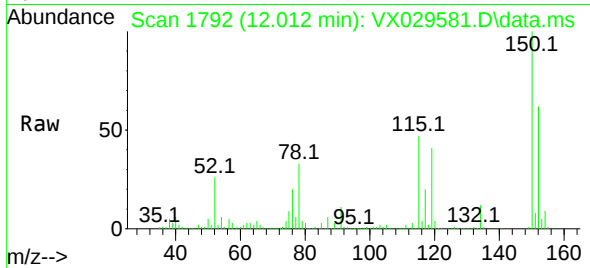
134 18.8 10.2 30.4





#86
p-Isopropyltoluene
Concen: 3.326 ug/l m
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42

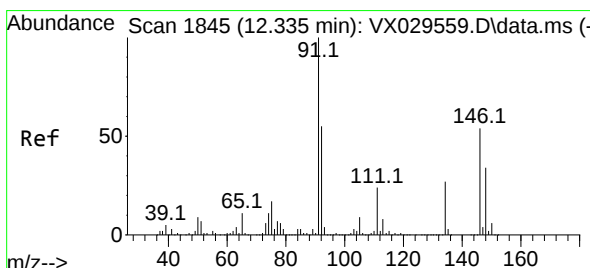
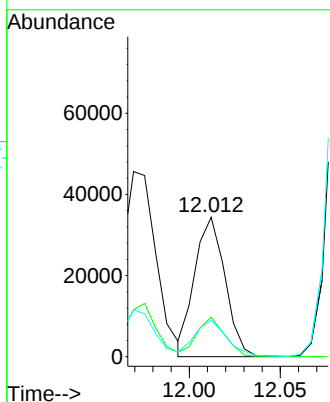
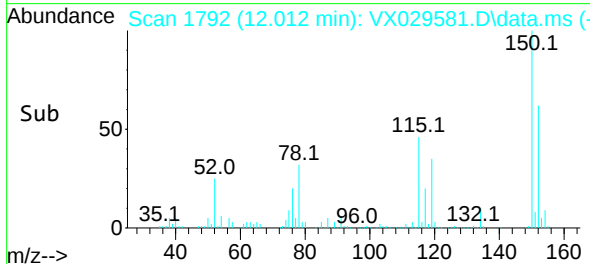
Instrument :
MSVOA_X
ClientSampleId :
MW-6



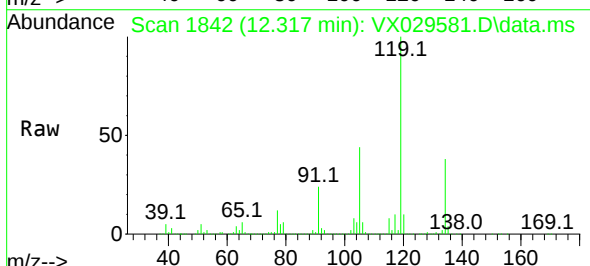
Tgt Ion: 119 Resp: 40034
Ion Ratio Lower Upper
119 100
134 0.0 13.0 39.0#
91 0.0 11.3 33.9#

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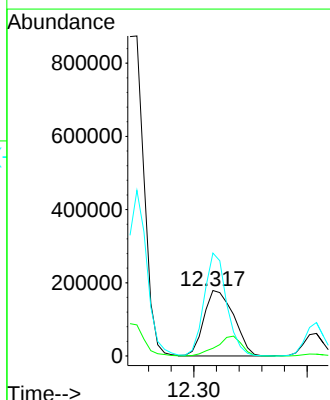
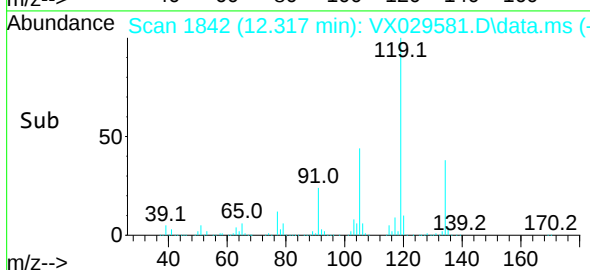
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

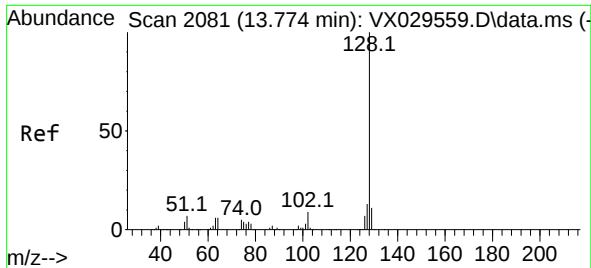


#89
n-Butylbenzene
Concen: 32.410 ug/l m
RT: 12.317 min Scan# 1842
Delta R.T. -0.018 min
Lab File: VX029581.D
Acq: 18 Jun 2022 19:42



Tgt Ion: 91 Resp: 329262
Ion Ratio Lower Upper
91 100
92 0.0 27.8 83.3#
134 0.0 13.3 39.8#





#95

Naphthalene

Concen: 318.289 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX029581.D

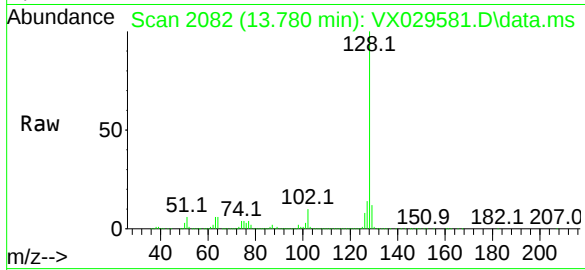
Acq: 18 Jun 2022 19:42

Instrument :

MSVOA_X

ClientSampleId :

MW-6



Tgt Ion:128 Resp: 420642

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 11.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022

