

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029605.D
 Acq On : 19 Jun 2022 05:46
 Operator : JC/MD
 Sample : N3286-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 01:41:19 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	275304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	466120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	411544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159666	43.813	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.620%		
35) Dibromofluoromethane	5.385	113	138476	45.587	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.180%		
50) Toluene-d8	8.653	98	532800	48.013	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.020%		
62) 4-Bromofluorobenzene	11.085	95	198256	47.375	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.740%		
Target Compounds					Qvalue	
16) Acetone	2.392	43	11582	7.973	ug/l	89
17) Carbon Disulfide	2.526	76	32677	4.519	ug/l	97
18) Methyl Acetate	2.709	43	12299	3.202	ug/l	89
25) 2-Butanone	4.580	43	7820	3.406	ug/l	100
29) Tetrahydrofuran	5.044	42	2517	1.645	ug/l #	76
31) Cyclohexane	5.477	56	28010	5.725	ug/l	98
39) Methylcyclohexane	7.379	83	19565	3.817	ug/l	96
40) Benzene	6.050	78	8527	0.700	ug/l	95
52) Toluene	8.720	92	6008	0.770	ug/l	90
67) Ethyl Benzene	10.195	91	1572741	108.266	ug/l	98
68) m/p-Xylenes	10.305	106	2500478	441.385	ug/l	96
69) o-Xylene	10.646	106	107215	19.156	ug/l	95
73) Isopropylbenzene	10.963	105	99848	6.904	ug/l	99
78) n-propylbenzene	11.305	91	263129	16.155	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	521981	42.859	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	2367425	194.902	ug/l	99
85) sec-Butylbenzene	11.890	105	10489m	0.713	ug/l	
86) p-Isopropyltoluene	12.012	119	6241m	0.506	ug/l	
89) n-Butylbenzene	12.317	91	28355	2.726	ug/l #	1

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

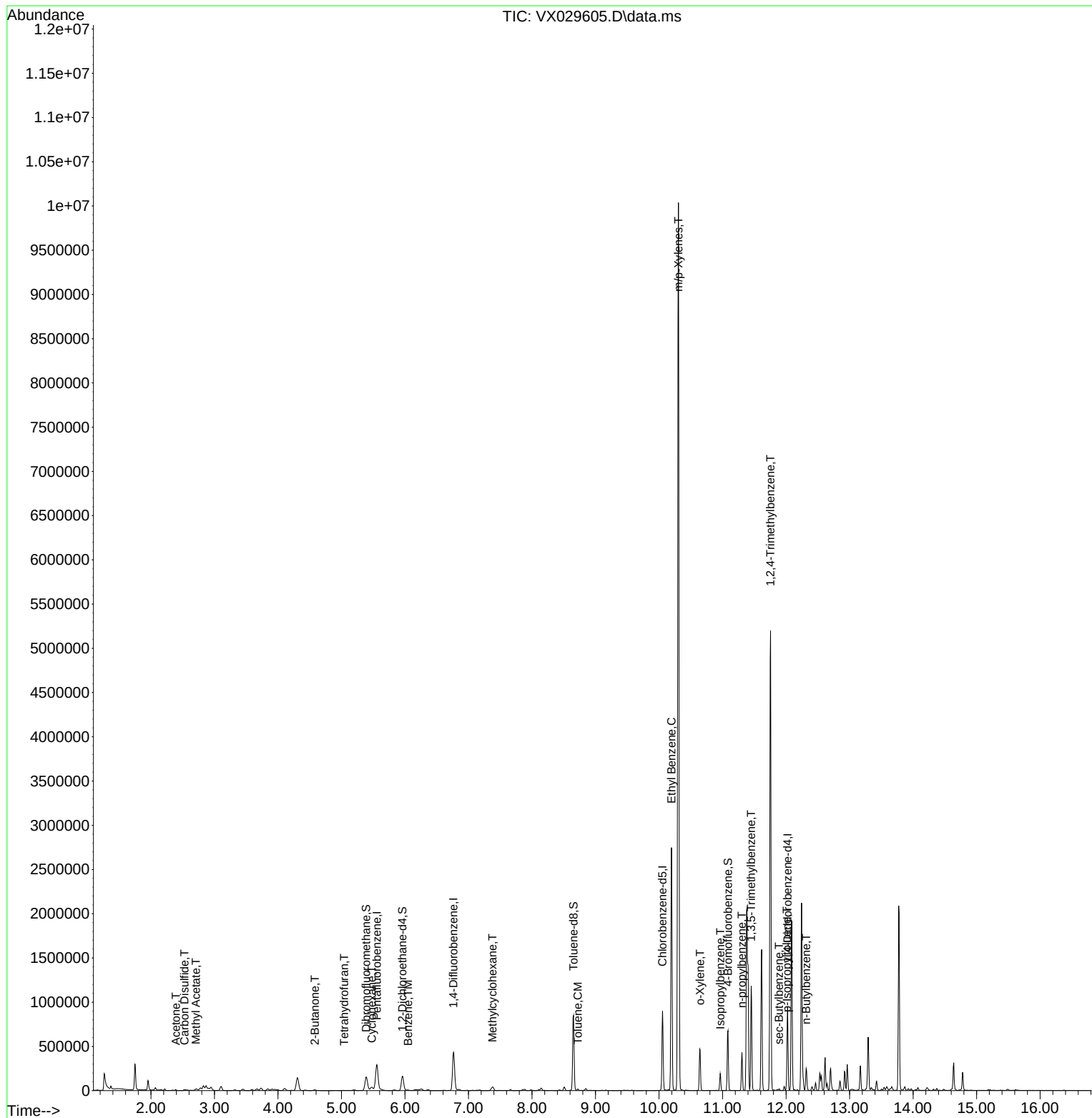
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029605.D
Acq On : 19 Jun 2022 05:46
Operator : JC/MD
Sample : N3286-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 55 Sample Multiplier: 1

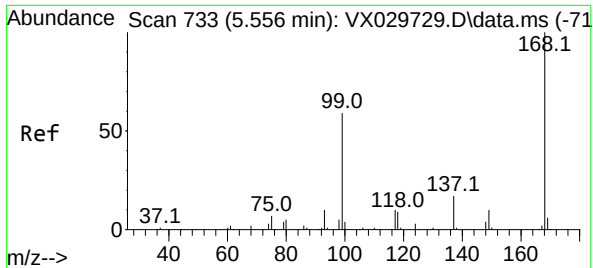
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

Manual Integrations
APPROVED

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

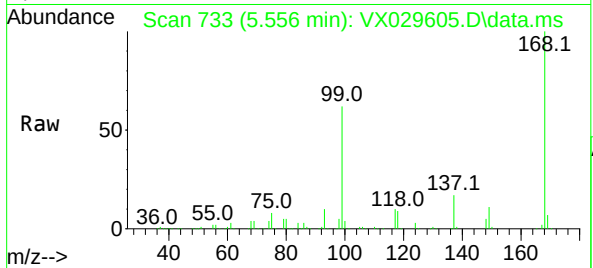
Quant Time: Jun 20 01:41:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 714
Delta R.T. -0.000 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46

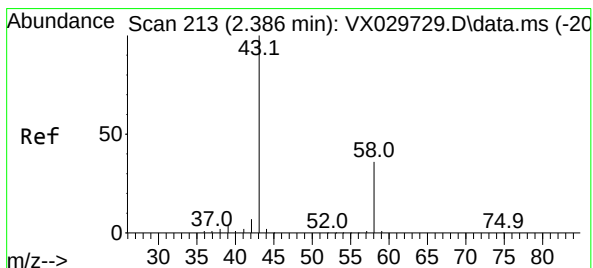
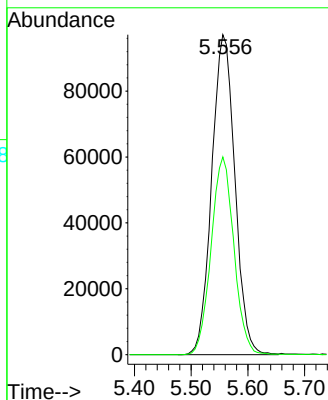
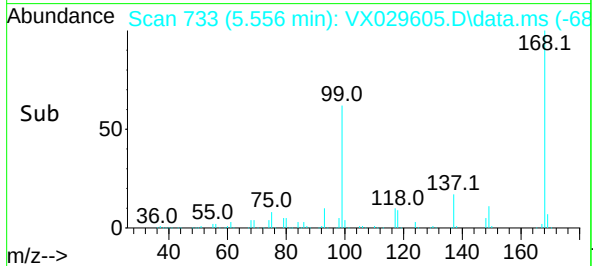
Instrument :
MSVOA_X
ClientSampleId :
MW-1R



Tgt Ion:168 Resp: 275304
Ion Ratio Lower Upper
168 100
99 61.8 41.7 62.5

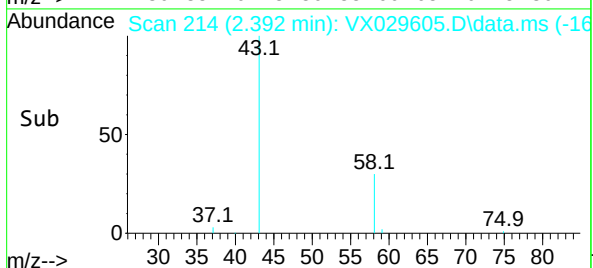
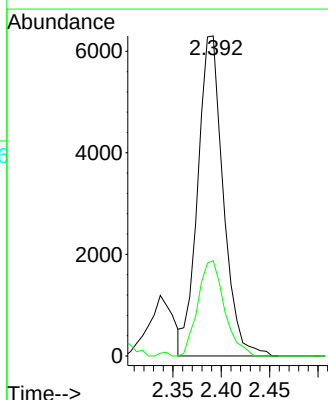
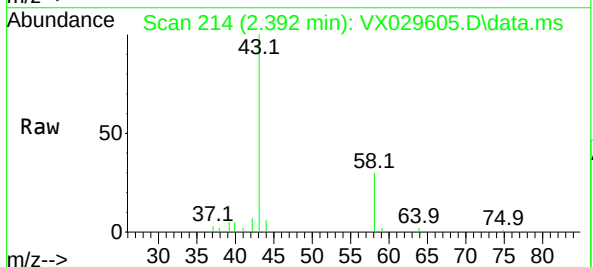
Manual Integrations
APPROVED

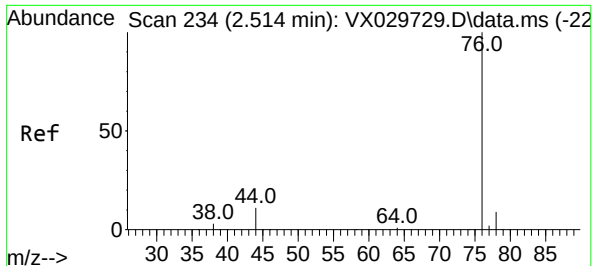
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#16
Acetone
Concen: 7.973 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46

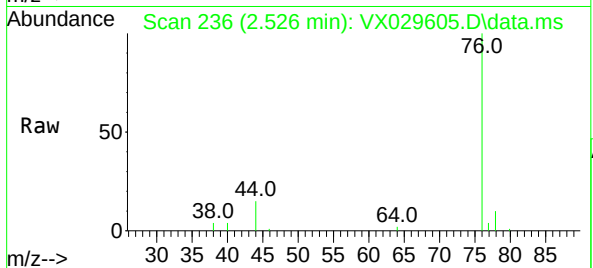
Tgt Ion: 43 Resp: 11582
Ion Ratio Lower Upper
43 100
58 29.8 28.8 43.2





#17
Carbon Disulfide
Concen: 4.519 ug/l
RT: 2.526 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46

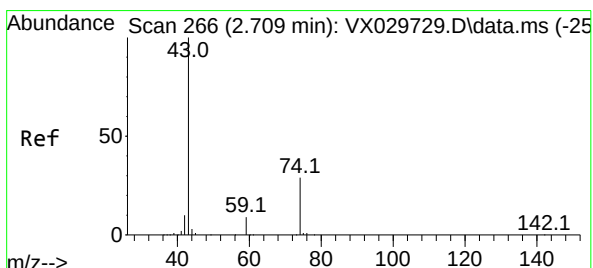
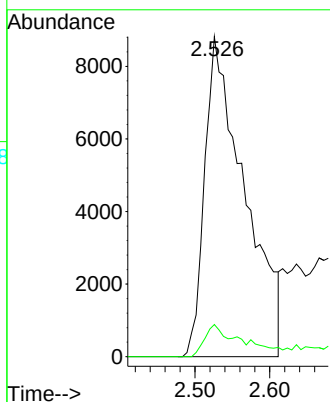
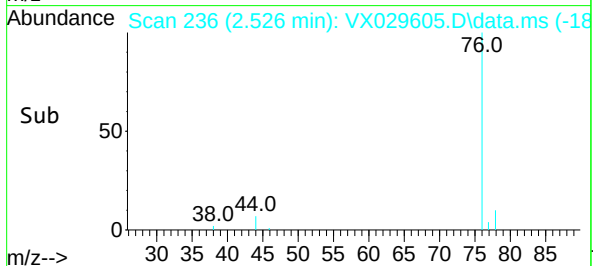
Instrument :
MSVOA_X
ClientSampleId :
MW-1R



Tgt Ion: 76 Resp: 3267
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8

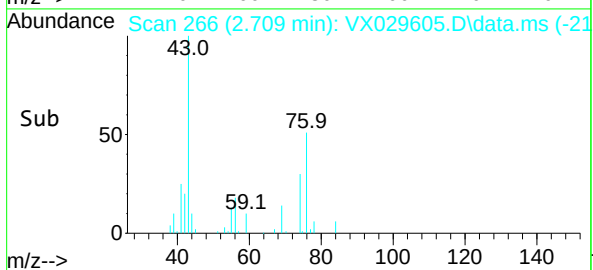
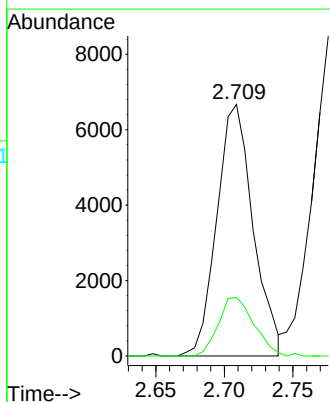
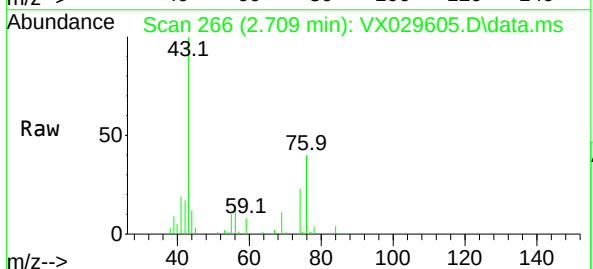
Manual Integrations
APPROVED

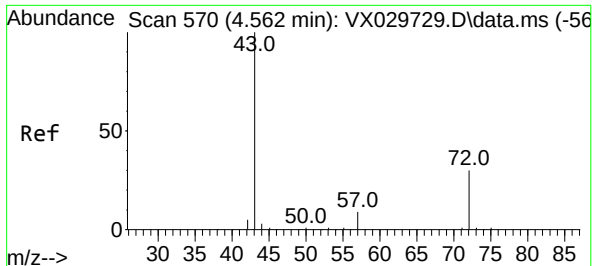
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#18
Methyl Acetate
Concen: 3.202 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46

Tgt Ion: 43 Resp: 12299
Ion Ratio Lower Upper
43 100
74 22.9 22.8 34.2





#25

2-Butanone

Concen: 3.406 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX029605.D

Acq: 19 Jun 2022 05:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

Tgt Ion: 43 Resp: 7820

Ion Ratio Lower Upper

43 100

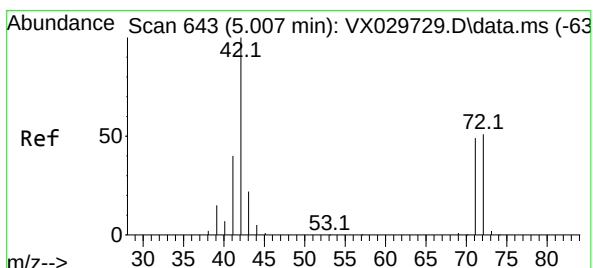
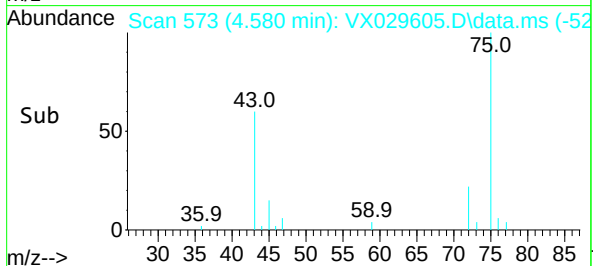
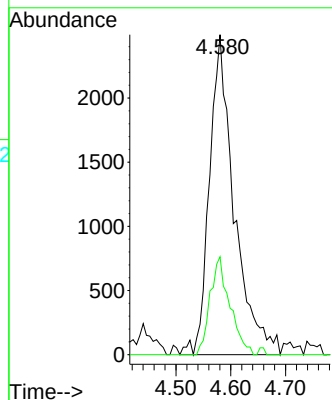
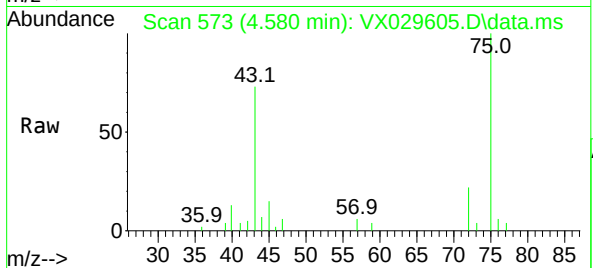
72 30.6 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#29

Tetrahydrofuran

Concen: 1.645 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.031 min

Lab File: VX029605.D

Acq: 19 Jun 2022 05:46

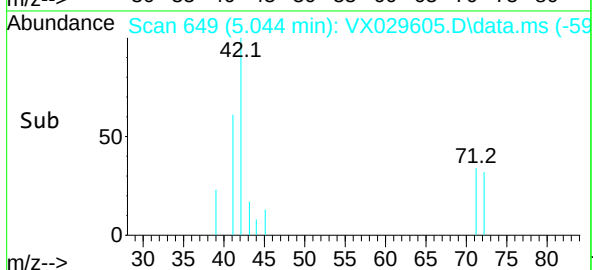
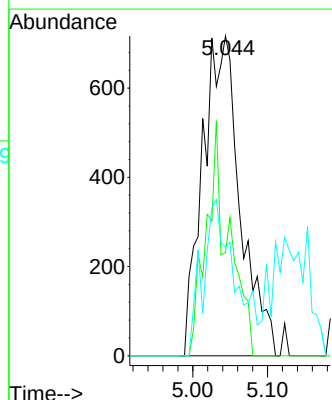
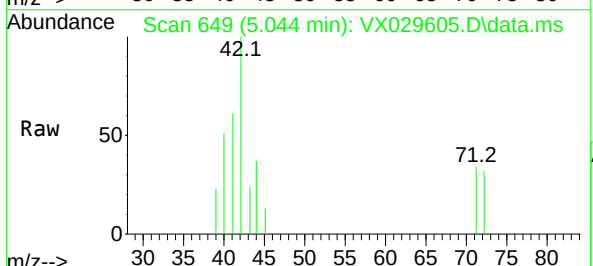
Tgt Ion: 42 Resp: 2517

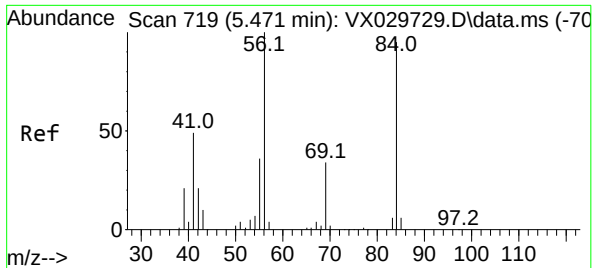
Ion Ratio Lower Upper

42 100

72 30.0 44.1 66.1#

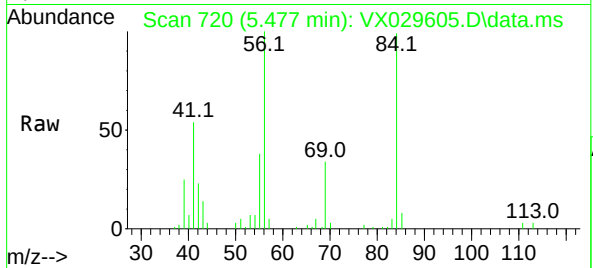
71 41.5 40.5 60.7





#31
Cyclohexane
Concen: 5.725 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46

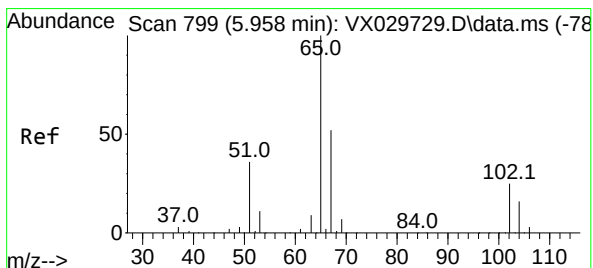
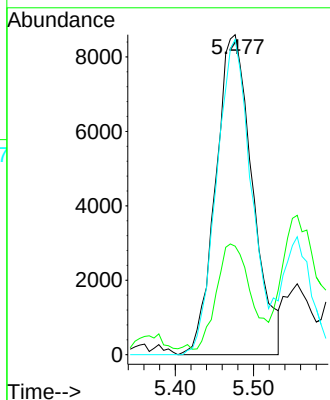
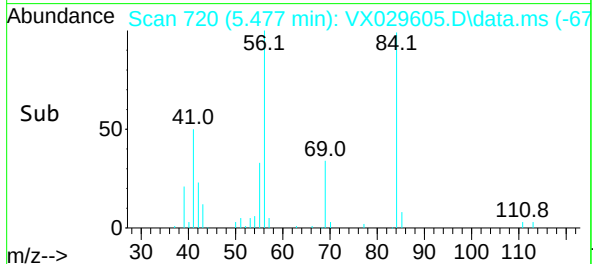
Instrument :
MSVOA_X
ClientSampleId :
MW-1R



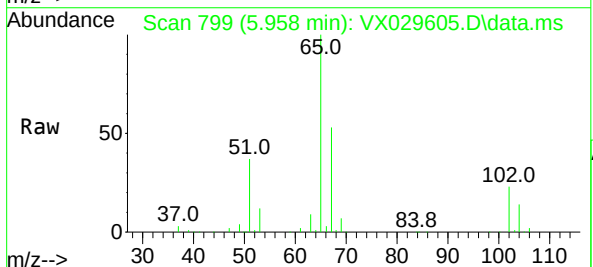
Tgt Ion: 56 Resp: 28010
Ion Ratio Lower Upper
56 100
69 32.1 26.7 40.1
84 98.5 77.2 115.8

Manual Integrations
APPROVED

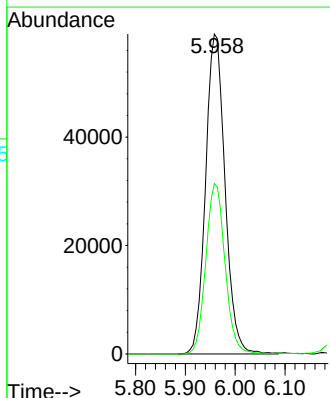
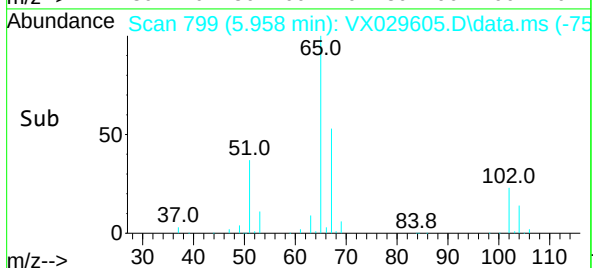
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

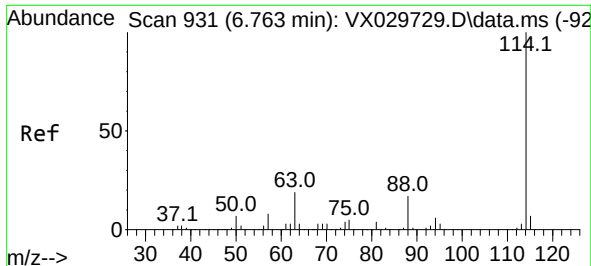


#33
1,2-Dichloroethane-d4
Concen: 43.813 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46



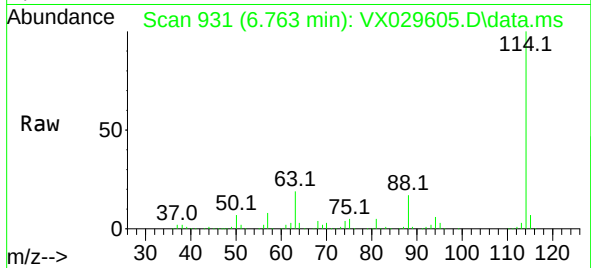
Tgt Ion: 65 Resp: 159666
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46

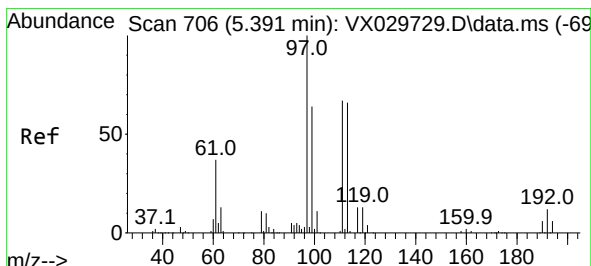
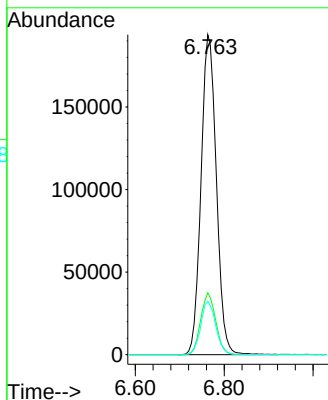
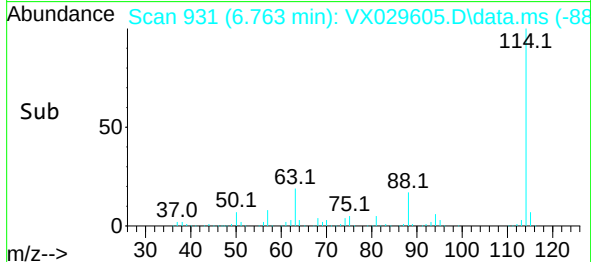
Instrument :
MSVOA_X
ClientSampleId :
MW-1R



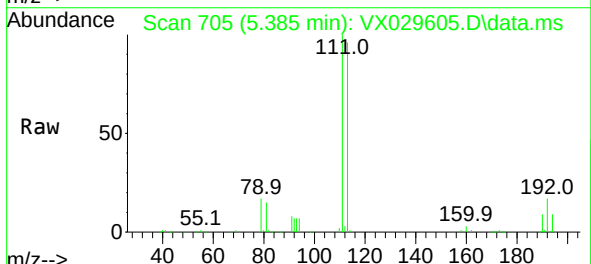
Tgt Ion:114 Resp: 466120
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 16.7 0.0 32.4

Manual Integrations
APPROVED

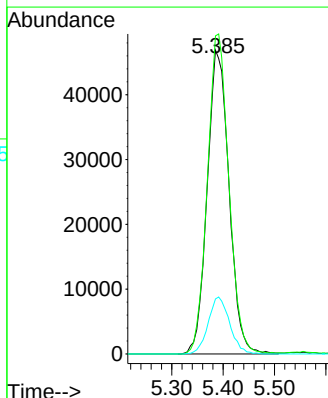
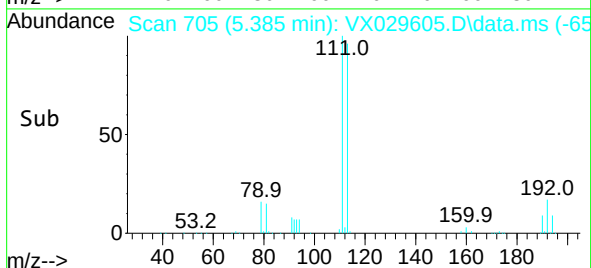
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

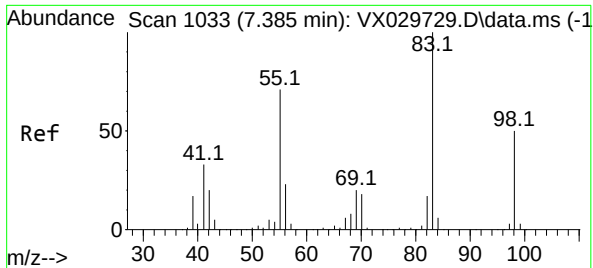


#35
Dibromofluoromethane
Concen: 45.587 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46



Tgt Ion:113 Resp: 138476
Ion Ratio Lower Upper
113 100
111 103.8 82.8 124.2
192 18.4 16.9 25.3





#39

Methylcyclohexane

Concen: 3.817 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX029605.D

Acq: 19 Jun 2022 05:46

Instrument :

MSVOA_X

ClientSampleId :

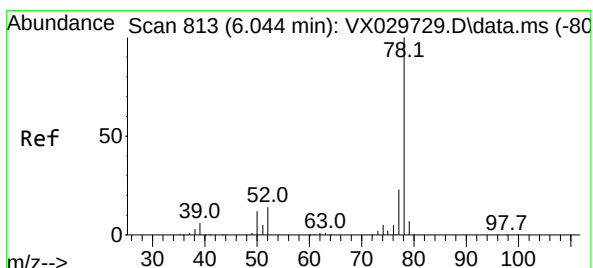
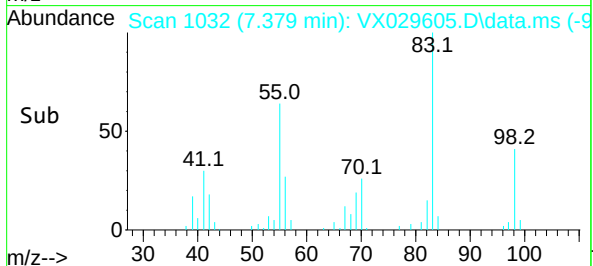
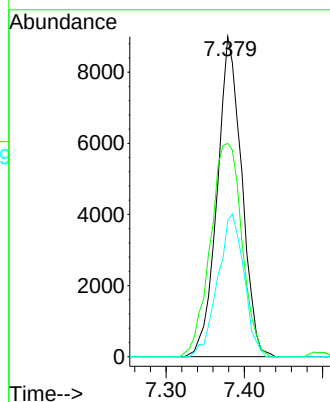
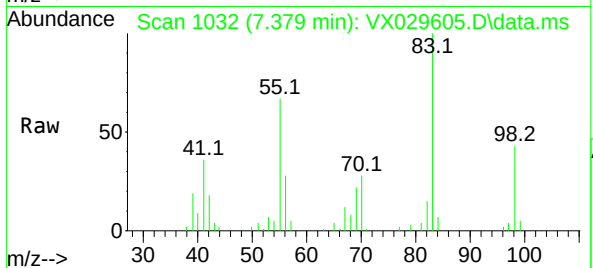
MW-1R

Tgt Ion: 83	Resp: 1956
Ion Ratio	Lower Upper
83 100	
55 66.7	54.6 81.8
98 42.5	37.4 56.2

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 0.700 ug/l

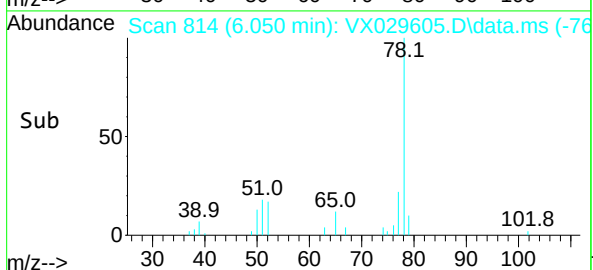
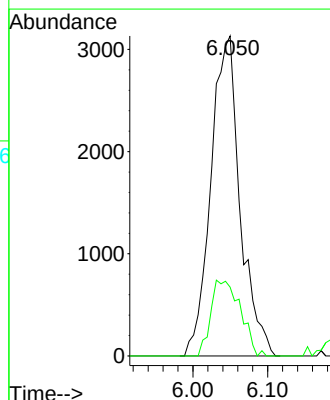
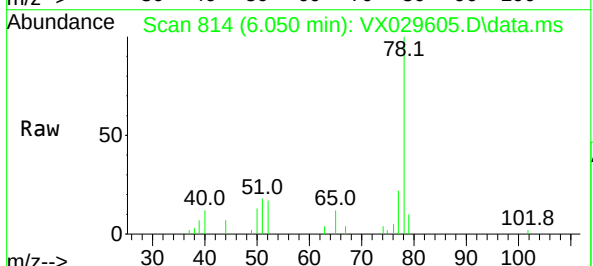
RT: 6.050 min Scan# 814

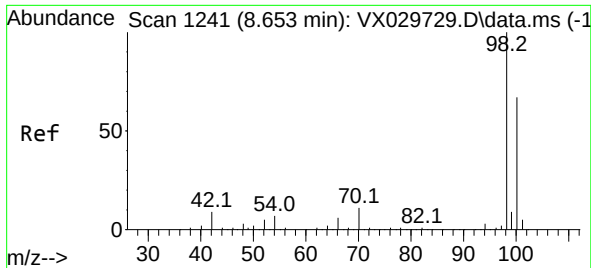
Delta R.T. 0.006 min

Lab File: VX029605.D

Acq: 19 Jun 2022 05:46

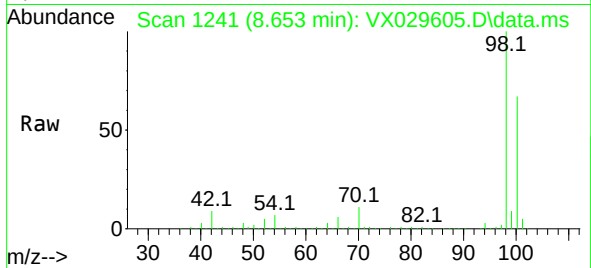
Tgt Ion: 78	Resp: 8527
Ion Ratio	Lower Upper
78 100	
77 21.5	19.3 28.9





#50
Toluene-d8
Concen: 48.013 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46

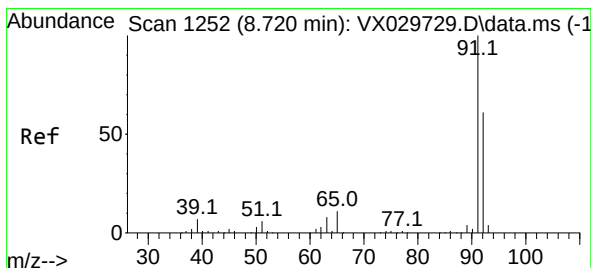
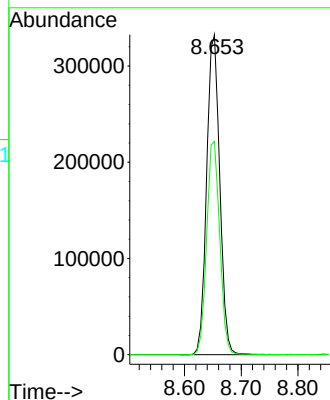
Instrument :
MSVOA_X
ClientSampleId :
MW-1R



Tgt Ion: 98 Resp: 532800
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

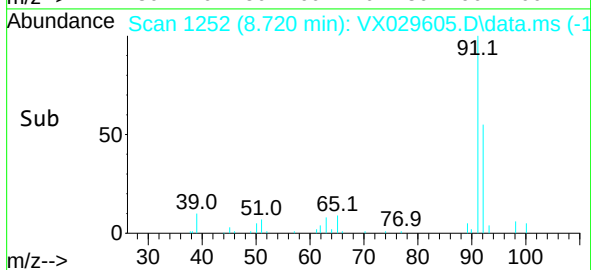
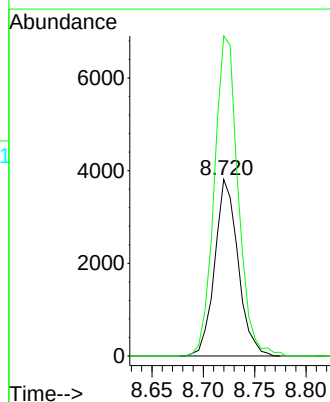
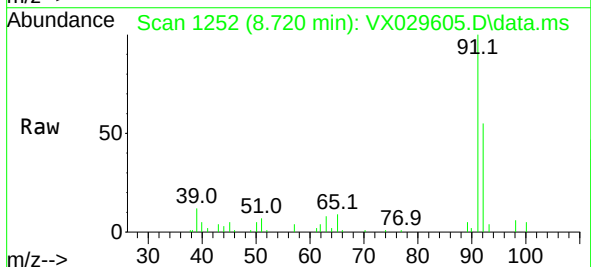
Manual Integrations
APPROVED

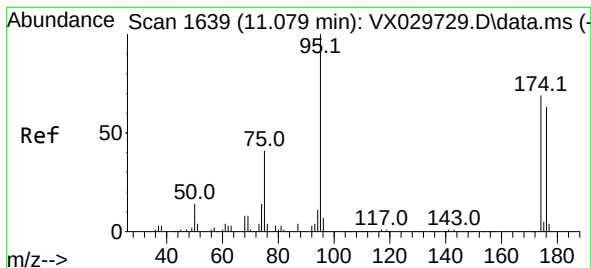
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#52
Toluene
Concen: 0.770 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46

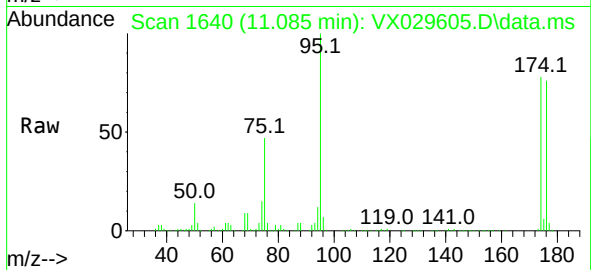
Tgt Ion: 92 Resp: 6008
Ion Ratio Lower Upper
92 100
91 185.5 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 47.375 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46

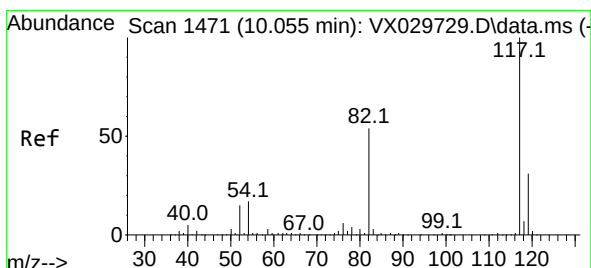
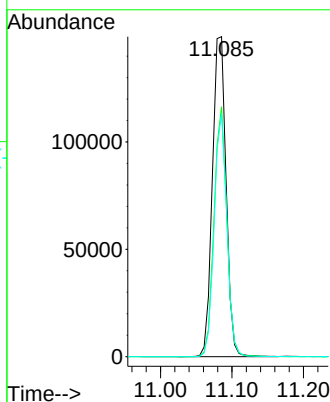
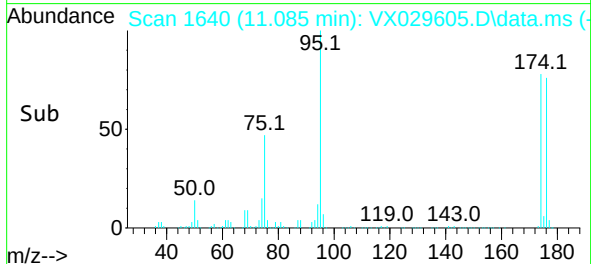
Instrument :
MSVOA_X
ClientSampleId :
MW-1R



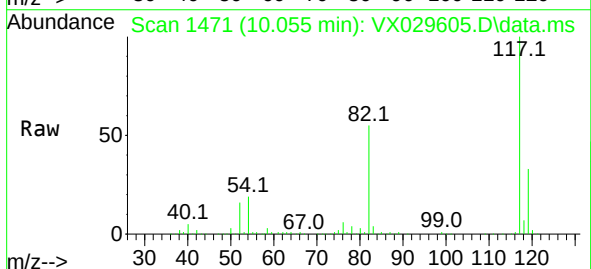
Tgt Ion: 95 Resp: 198250
Ion Ratio Lower Upper
95 100
174 72.8 0.0 163.0
176 70.4 0.0 155.0

Manual Integrations
APPROVED

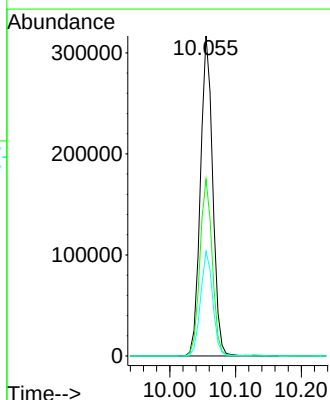
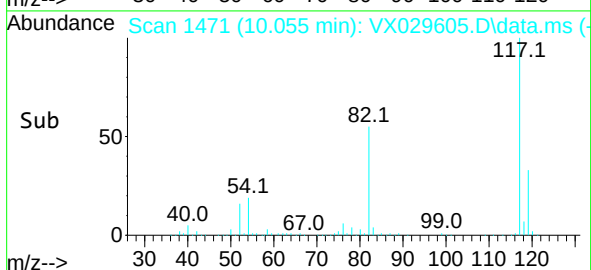
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

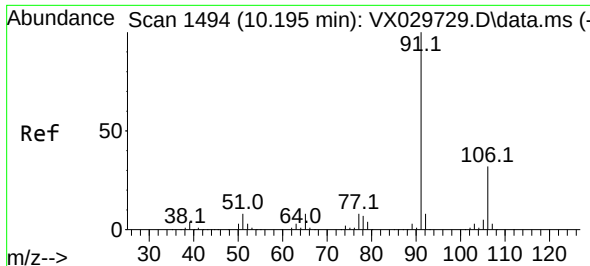


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46



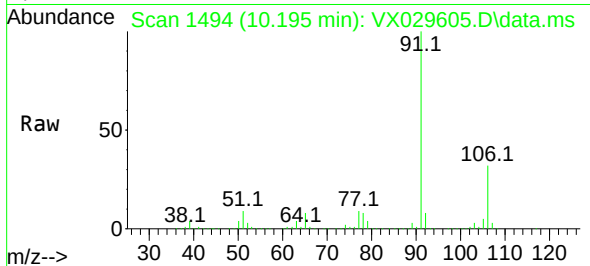
Tgt Ion:117 Resp: 411544
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 32.7 24.8 37.2





#67
Ethyl Benzene
Concen: 108.266 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46

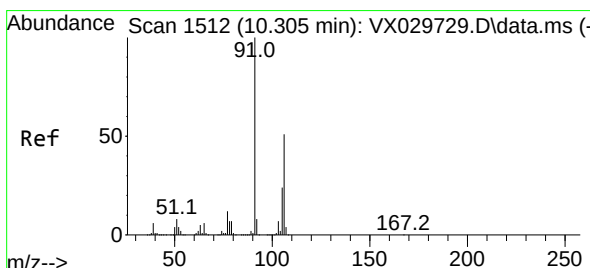
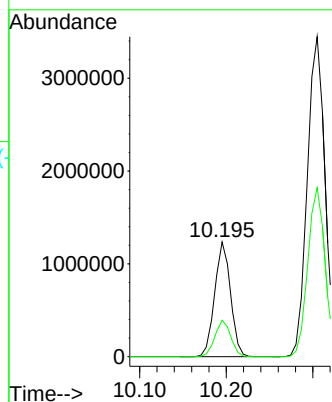
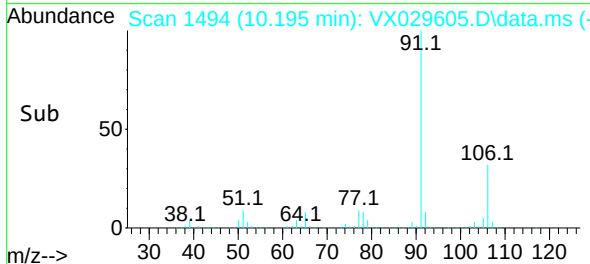
Instrument :
MSVOA_X
ClientSampleId :
MW-1R



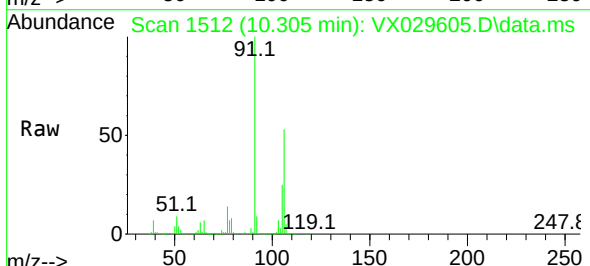
Tgt Ion: 91 Resp: 157274
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8

Manual Integrations
APPROVED

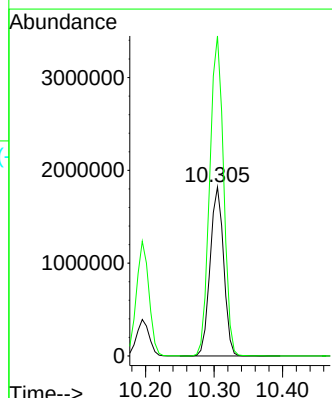
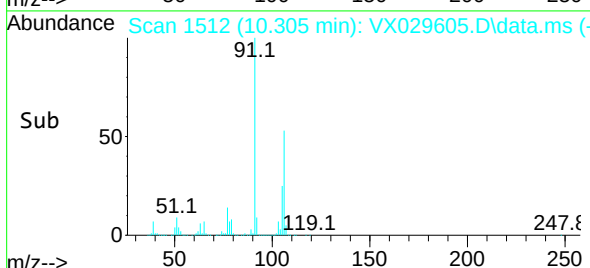
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

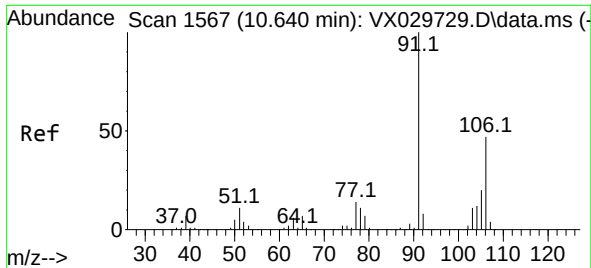


#68
m/p-Xylenes
Concen: 441.385 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46



Tgt Ion:106 Resp: 2500478
Ion Ratio Lower Upper
106 100
91 194.1 160.4 240.6





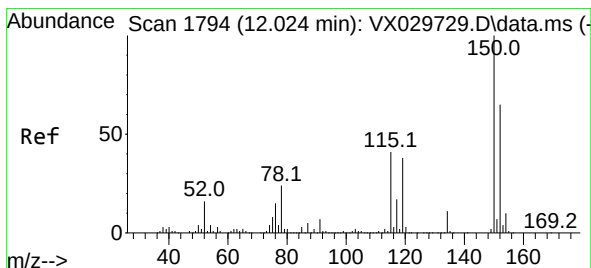
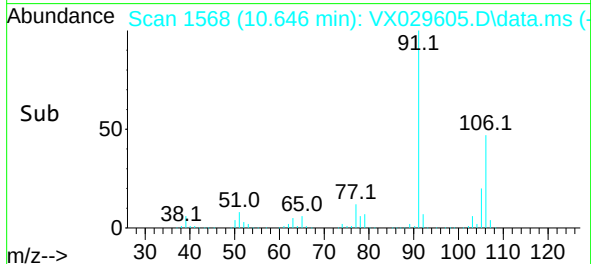
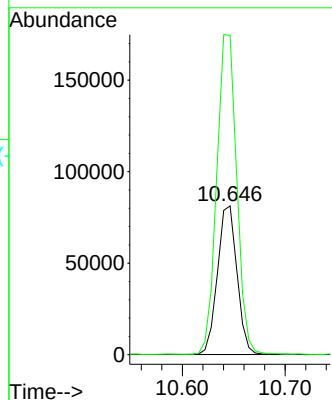
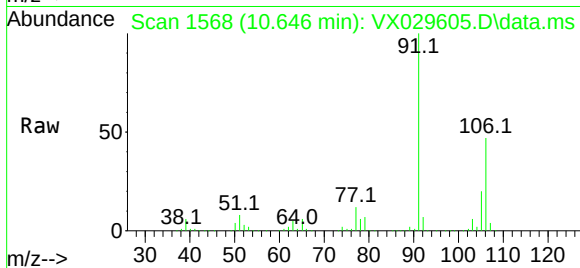
#69
o-Xylene
Concen: 19.156 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

Tgt Ion:106 Resp: 107215
Ion Ratio Lower Upper
106 100
91 220.0 106.1 318.1

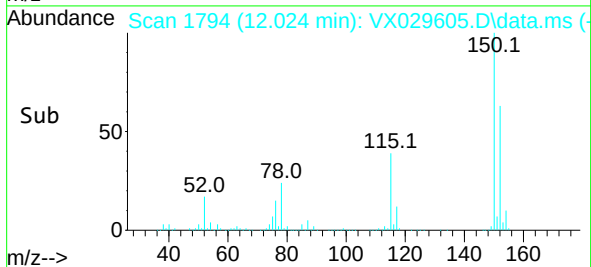
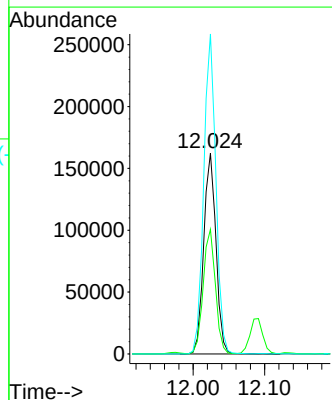
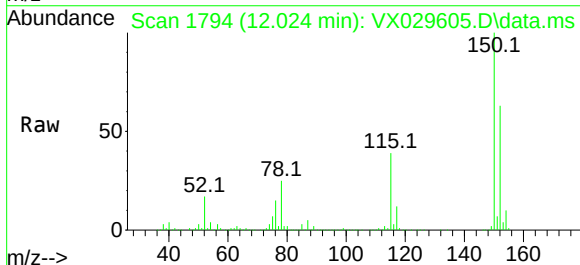
Manual Integrations
APPROVED

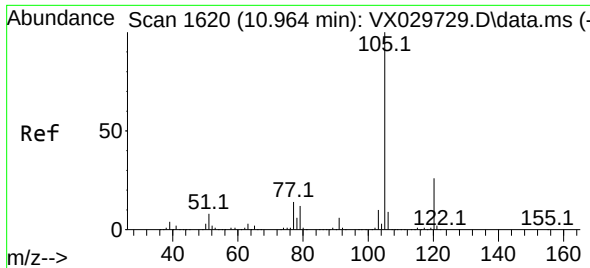
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46

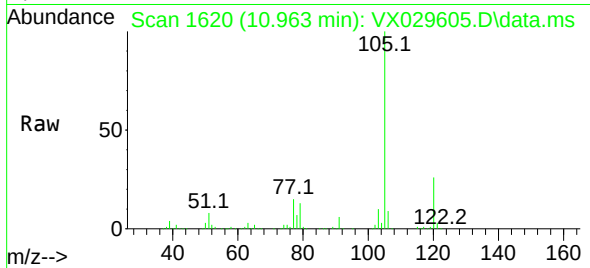
Tgt Ion:152 Resp: 192876
Ion Ratio Lower Upper
152 100
115 61.9 37.5 112.7
150 158.0 0.0 338.2





#73
Isopropylbenzene
Concen: 6.904 ug/l
RT: 10.963 min Scan# 105
Delta R.T. 0.000 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46

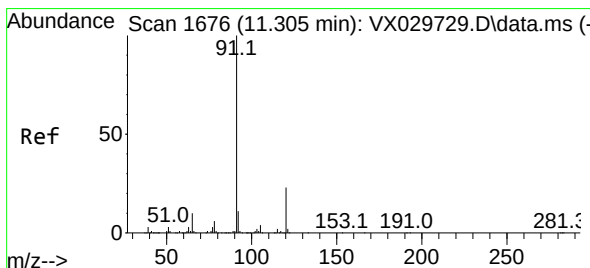
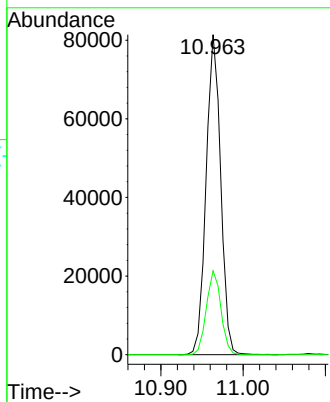
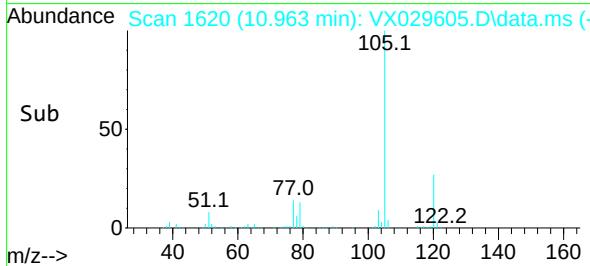
Instrument :
MSVOA_X
ClientSampleId :
MW-1R



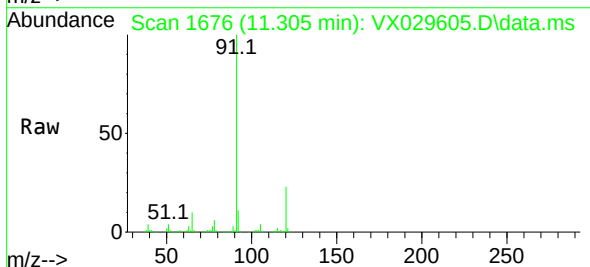
Tgt Ion:105 Resp: 9984
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.5

Manual Integrations
APPROVED

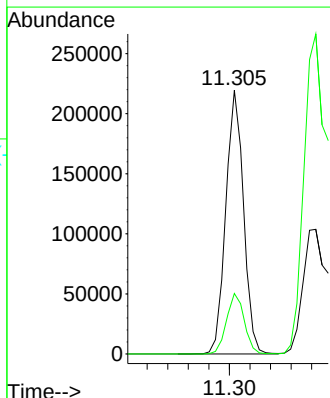
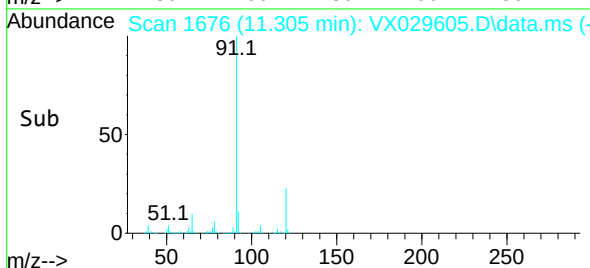
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

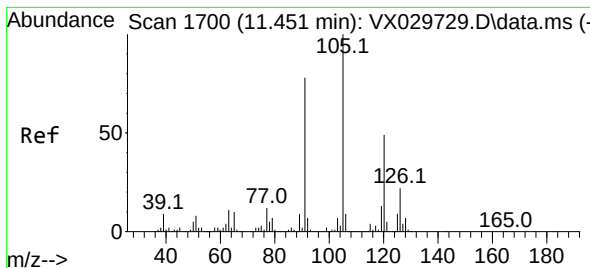


#78
n-propylbenzene
Concen: 16.155 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46



Tgt Ion: 91 Resp: 263129
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 42.859 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029605.D

Acq: 19 Jun 2022 05:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

Tgt Ion:105 Resp: 52198

Ion Ratio Lower Upper

105 100

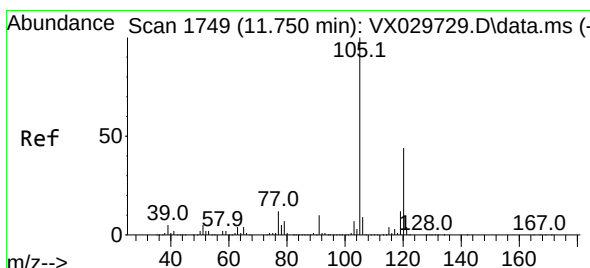
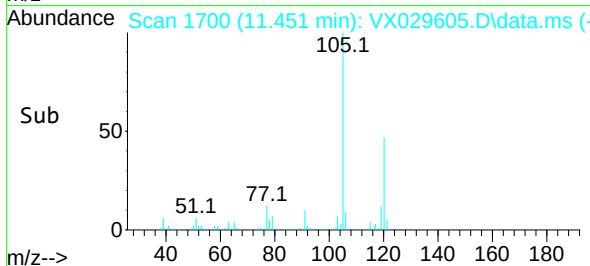
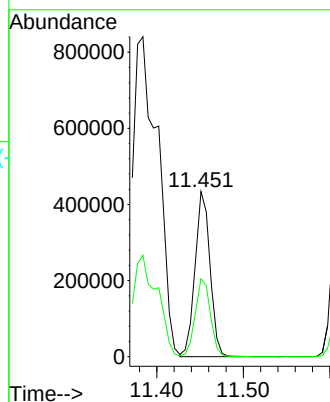
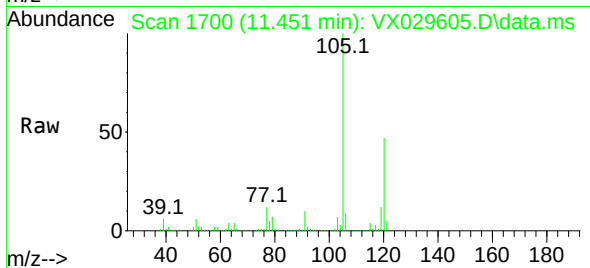
120 47.8 24.3 72.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#84

1,2,4-Trimethylbenzene

Concen: 194.902 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX029605.D

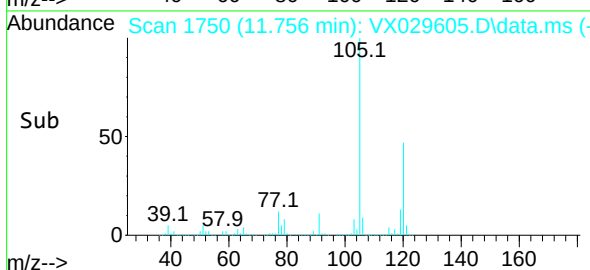
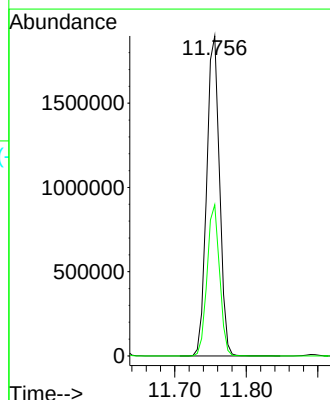
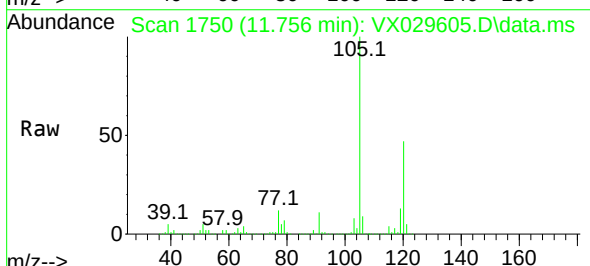
Acq: 19 Jun 2022 05:46

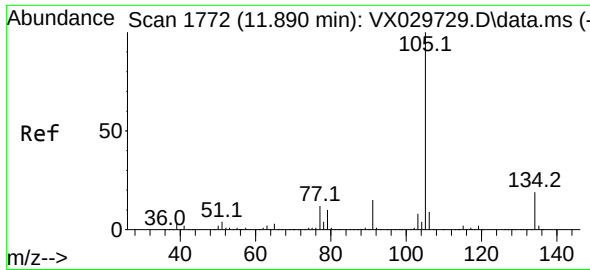
Tgt Ion:105 Resp: 2367425

Ion Ratio Lower Upper

105 100

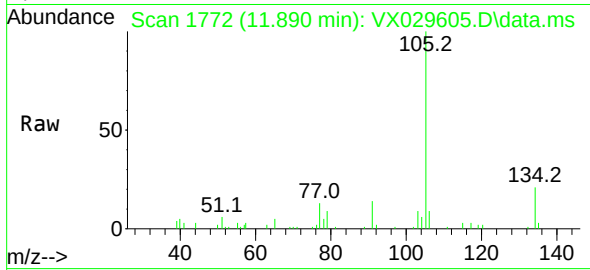
120 46.1 22.6 67.8





#85
sec-Butylbenzene
Concen: 0.713 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46

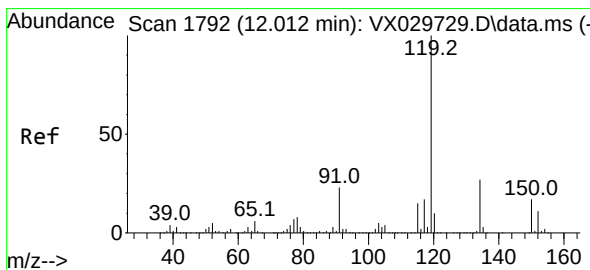
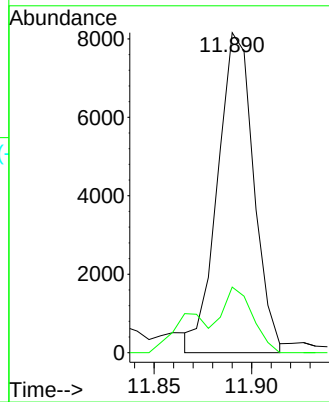
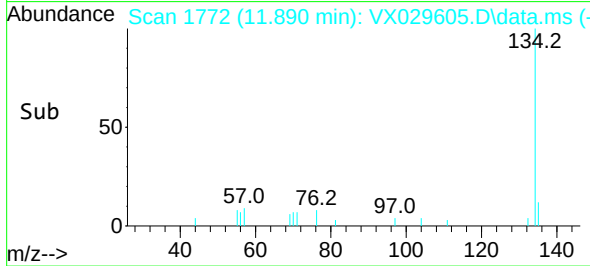
Instrument :
MSVOA_X
ClientSampleId :
MW-1R



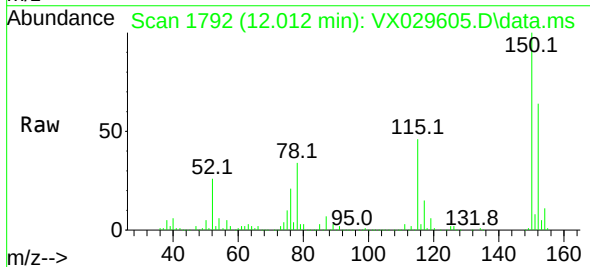
Tgt Ion:105 Resp: 10489
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

Manual Integrations
APPROVED

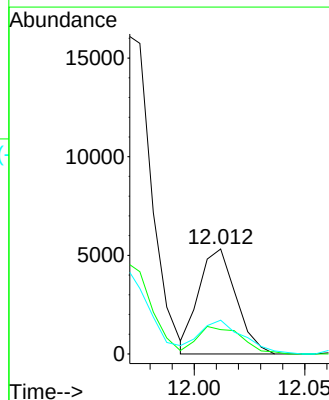
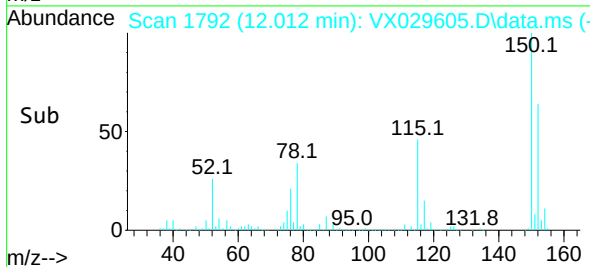
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

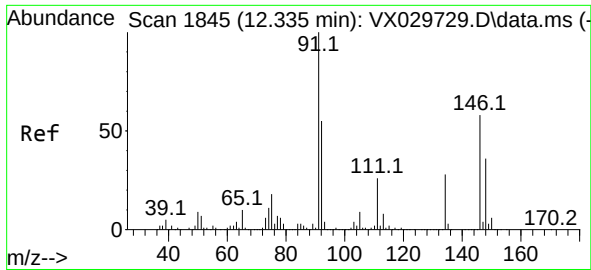


#86
p-Isopropyltoluene
Concen: 0.506 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX029605.D
Acq: 19 Jun 2022 05:46



Tgt Ion:119 Resp: 6241
Ion Ratio Lower Upper
119 100
134 89.8 13.0 39.0#
91 0.0 11.3 33.9#





#89

n-Butylbenzene

Concen: 2.726 ug/l

RT: 12.317 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX029605.D

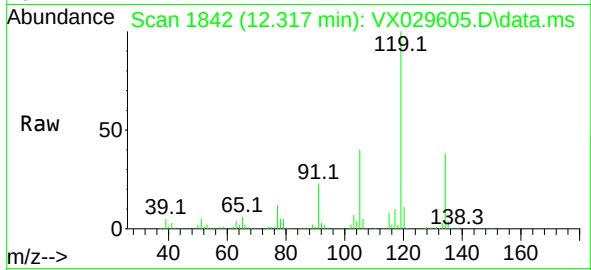
Acq: 19 Jun 2022 05:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1R



Tgt Ion: 91	Resp: 2835
Ion Ratio	Lower Upper
91	100
92	24.4 27.8 83.3
134	138.8 13.3 39.8

Manual Integrations

APPROVED

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

