

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025461.D
 Acq On : 03 Dec 2021 04:50
 Operator : JC/MD
 Sample : M4918-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP120221

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/17/2021
 Supervised By :Semsettin Yesilyurt 12/17/2021

Quant Time: Dec 03 06:16:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	112851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64419	54.155	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.320%			
35) Dibromofluoromethane	5.391	113	58704	50.166	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.340%			
50) Toluene-d8	8.653	98	225932	51.351	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.700%			
62) 4-Bromofluorobenzene	11.085	95	84991	51.062	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.120%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	77266	263.058	ug/l	99
16) Acetone	2.380	43	3073	4.649	ug/l	89
17) Carbon Disulfide	2.514	76	1094m	0.372	ug/l	
19) Methyl tert-butyl Ether	3.117	73	77435	21.248	ug/l #	7
22) Diisopropyl ether	3.764	45	6446	1.788	ug/l #	74
31) Cyclohexane	5.477	56	50147	27.281	ug/l	96
39) Methylcyclohexane	7.385	83	46183	21.638	ug/l	97
40) Benzene	6.044	78	2275477	451.430	ug/l	97
52) Toluene	8.726	92	3864341	1174.273	ug/l	90
67) Ethyl Benzene	10.201	91	5673445	900.694	ug/l	91
68) m/p-Xylenes	10.317	106	6292393	2445.684	ug/l	79
69) o-Xylene	10.653	106	3792727	1506.146	ug/l	85
73) Isopropylbenzene	10.964	105	260121	39.612	ug/l	98
78) n-propylbenzene	11.305	91	841328	114.141	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	1045238	189.364	ug/l	97
84) 1,2,4-Trimethylbenzene	11.762	105	4217473	773.074	ug/l	94
86) p-Isopropyltoluene	12.012	119	23559	4.021	ug/l #	75

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

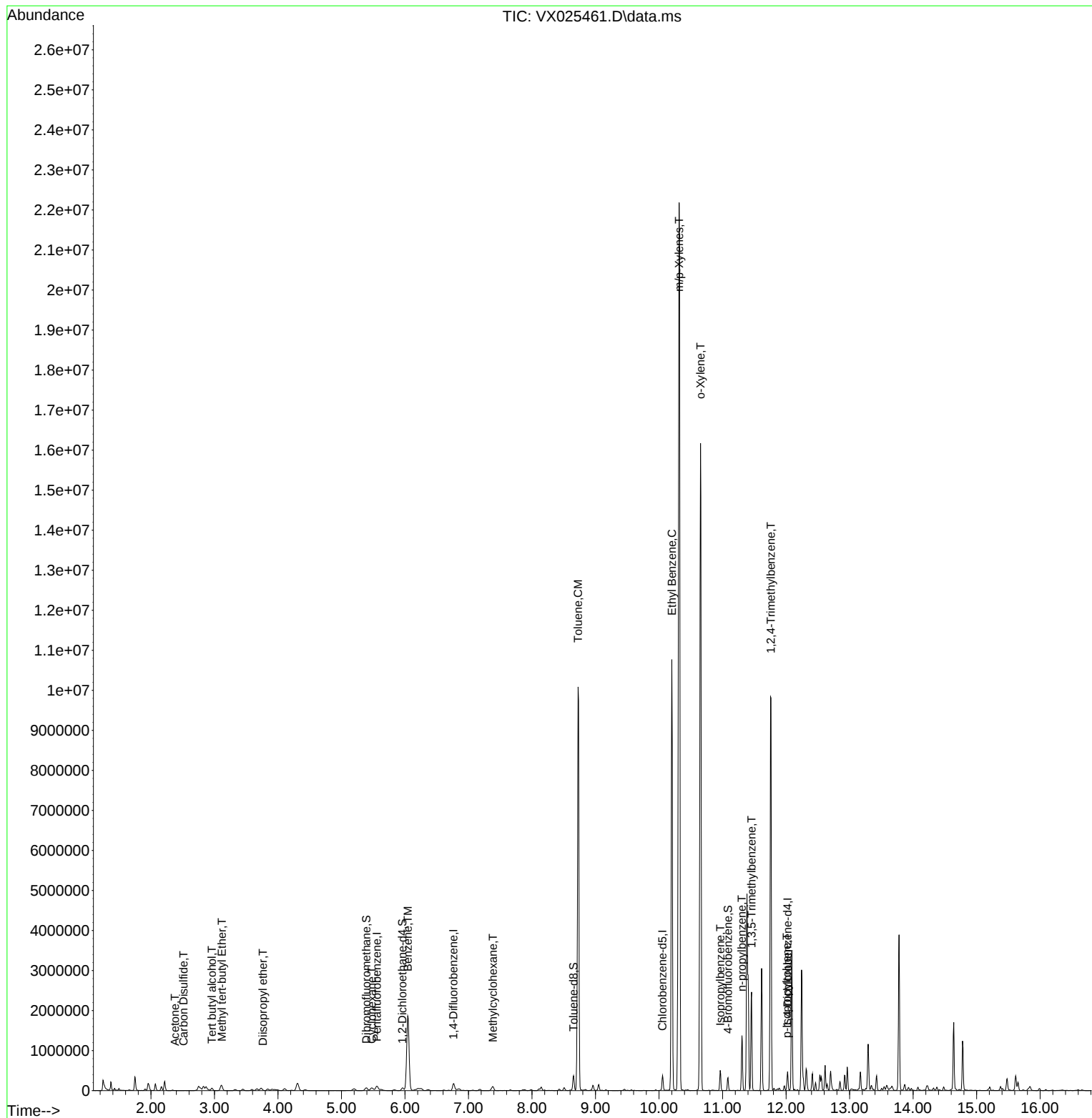
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025461.D
Acq On : 03 Dec 2021 04:50
Operator : JC/MD
Sample : M4918-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

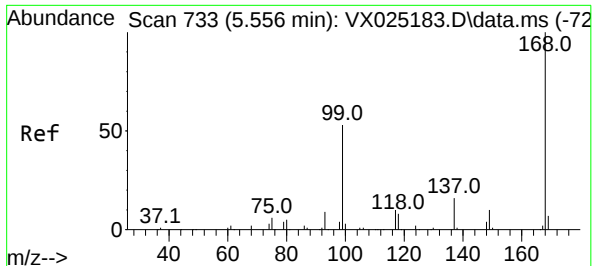
Instrument :
MSVOA_X
ClientSampleId :
DUP120221

Quant Time: Dec 03 06:16:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration

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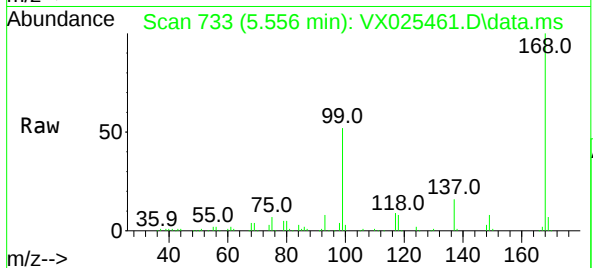
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50

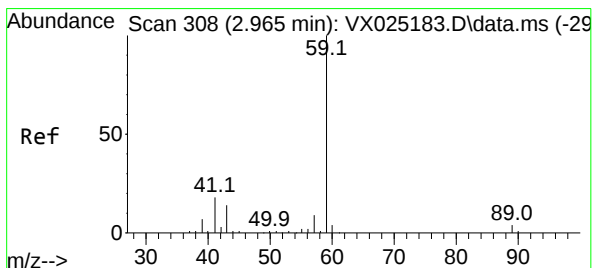
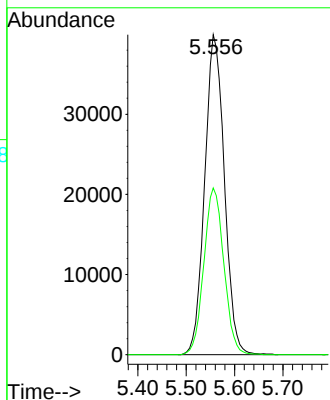
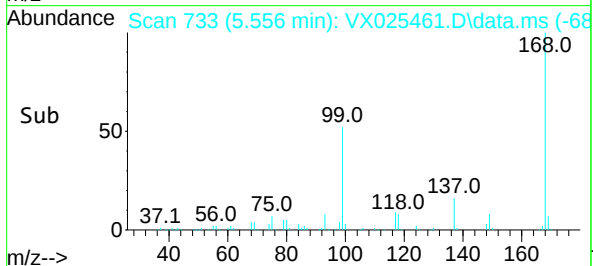
Instrument :
MSVOA_X
ClientSampleId :
DUP120221



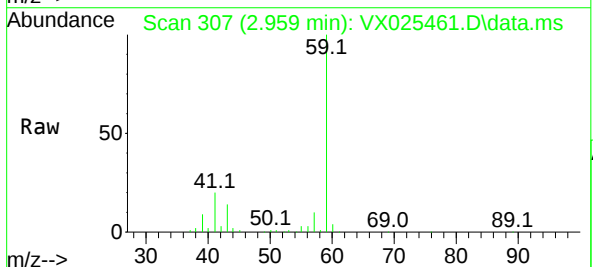
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Ion Ratio Lower Upper
168 100
99 52.1 46.4 69.6

Manual Integrations
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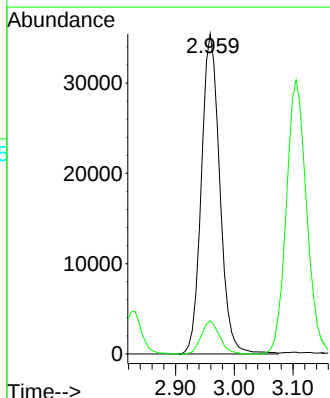
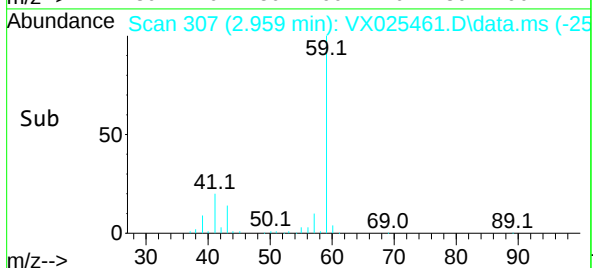
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021

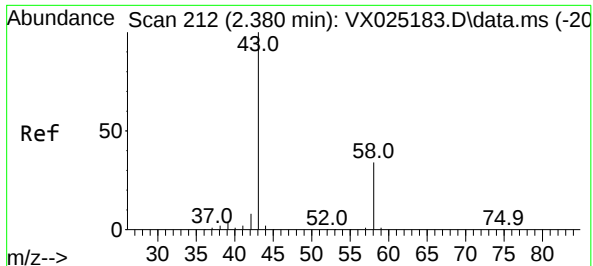


#11
Tert butyl alcohol
Concen: 263.058 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50



Tgt Ion: 59 Resp: 77266
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7





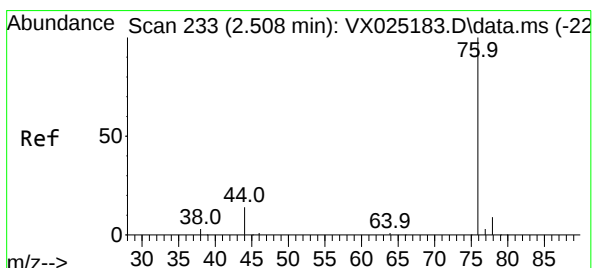
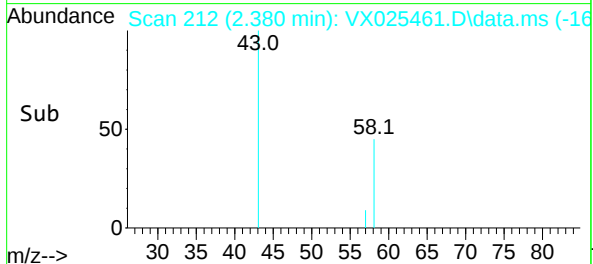
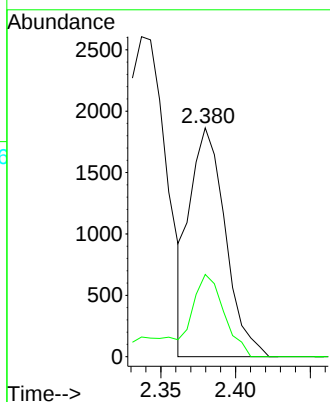
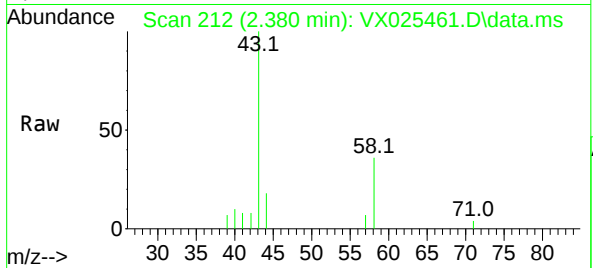
#16
Acetone
Concen: 4.649 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50

Instrument : MSVOA_X
ClientSampleId : DUP120221

Tgt Ion: 43 Resp: 3073
Ion Ratio Lower Upper
43 100
58 35.9 24.0 36.0

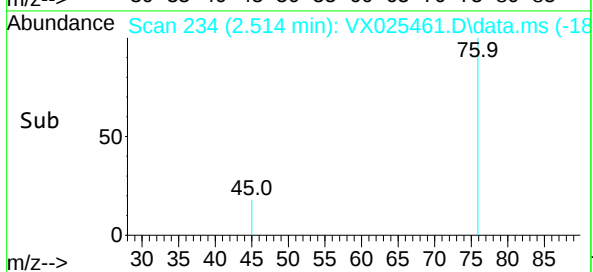
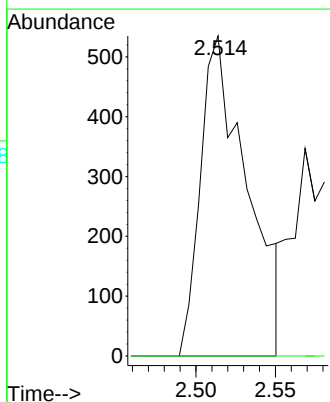
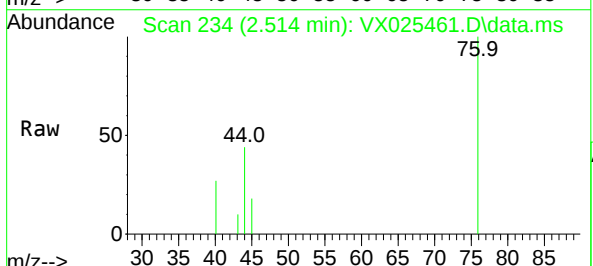
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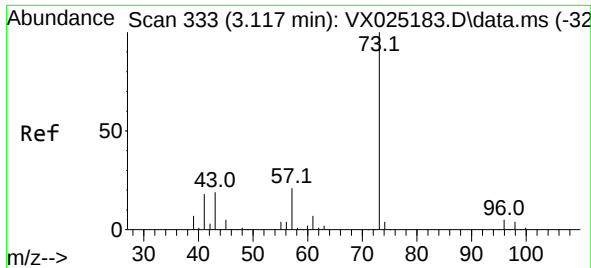
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021



#17
Carbon Disulfide
Concen: 0.372 ug/l m
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50

Tgt Ion: 76 Resp: 1094
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#





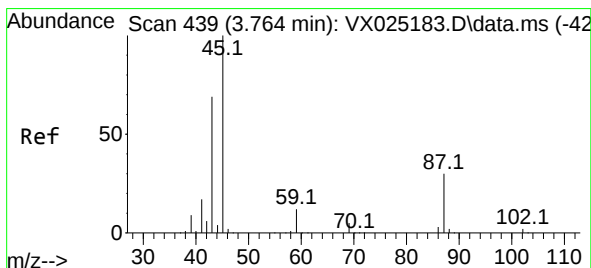
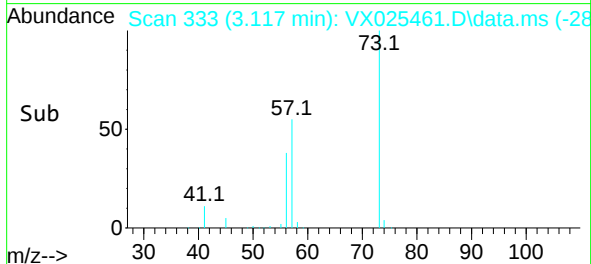
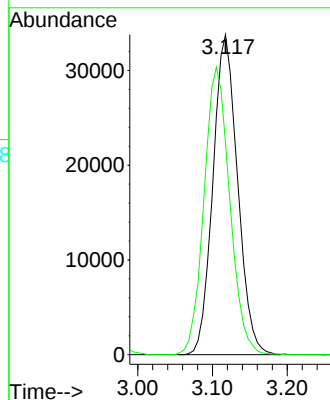
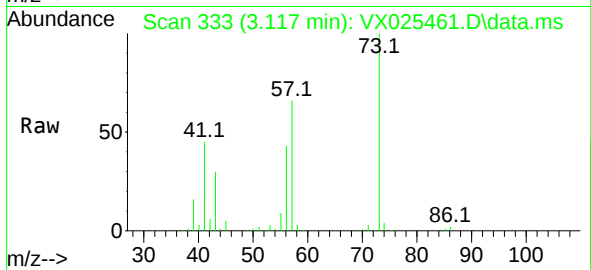
#19
Methyl tert-butyl Ether
Concen: 21.248 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50

Instrument :
MSVOA_X
ClientSampleId :
DUP120221

Tgt Ion: 73 Resp: 77435
Ion Ratio Lower Upper
73 100
57 66.1 17.5 26.3

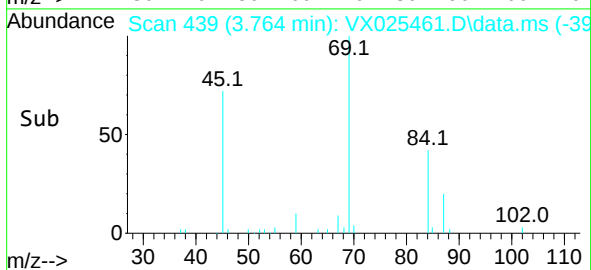
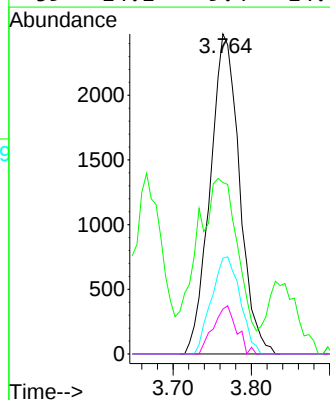
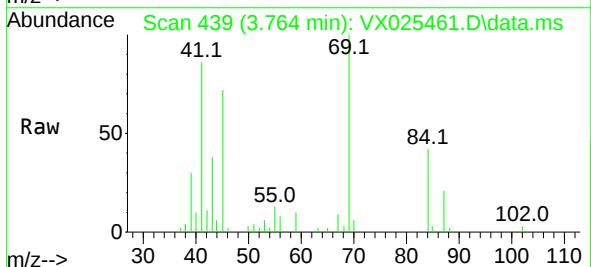
Manual Integrations
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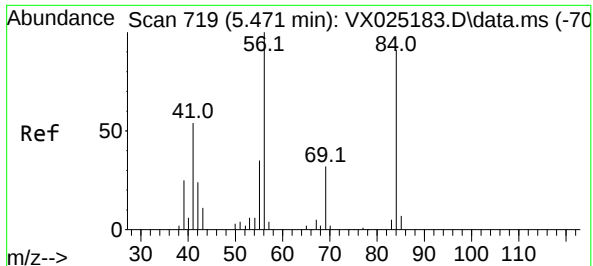
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021



#22
Diisopropyl ether
Concen: 1.788 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50

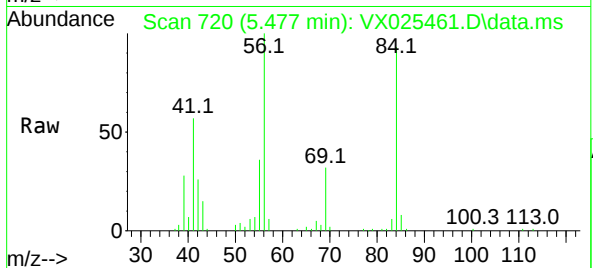
Tgt Ion: 45 Resp: 6446
Ion Ratio Lower Upper
45 100
43 40.3 58.3 87.5#
87 30.0 23.7 35.5
59 14.1 9.4 14.0#





#31
Cyclohexane
Concen: 27.281 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50

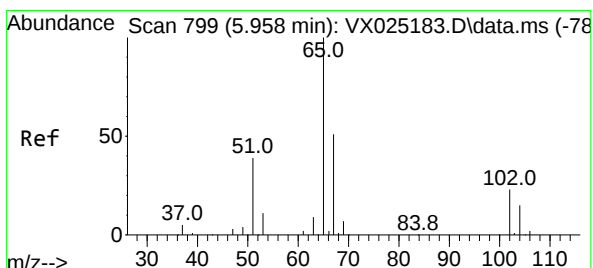
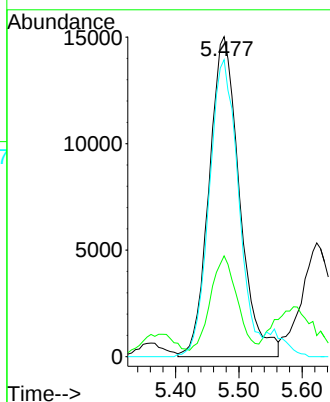
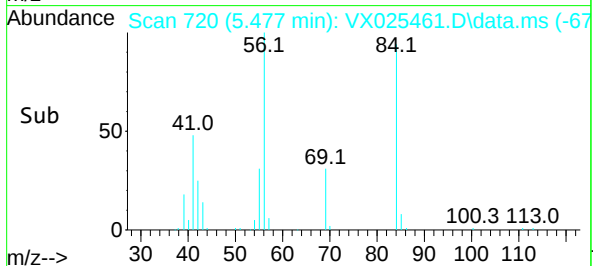
Instrument :
MSVOA_X
ClientSampleId :
DUP120221



Tgt Ion: 56 Resp: 5014
Ion Ratio Lower Upper
56 100
69 27.6 24.2 36.2
84 92.9 71.5 107.3

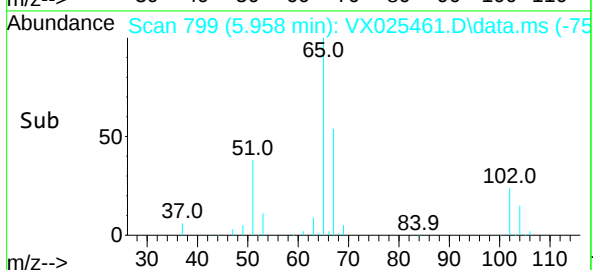
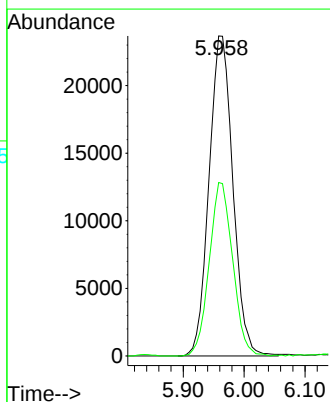
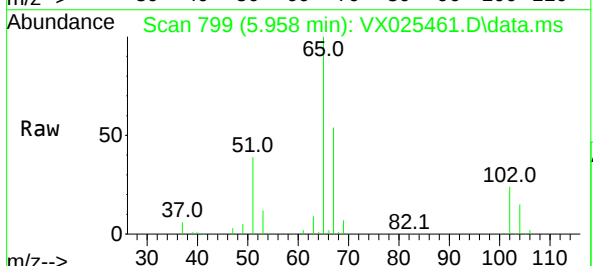
Manual Integrations
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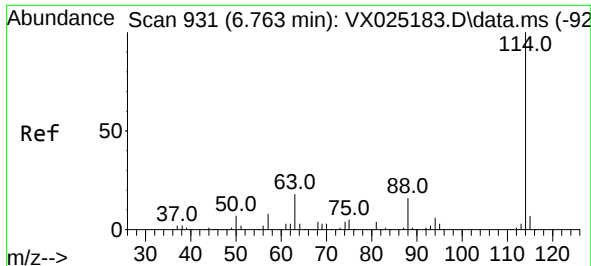
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021



#33
1,2-Dichloroethane-d4
Concen: 54.155 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50

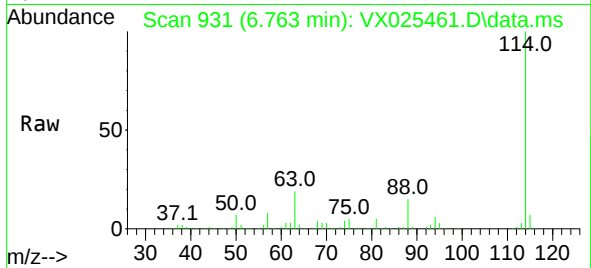
Tgt Ion: 65 Resp: 64419
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50

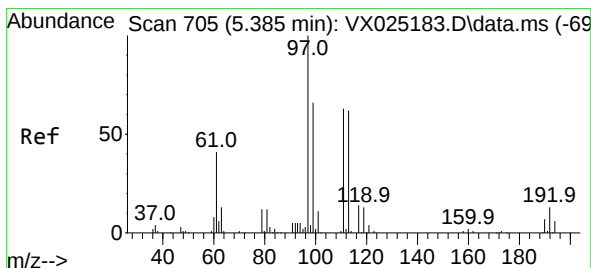
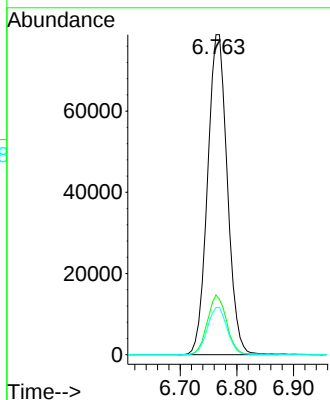
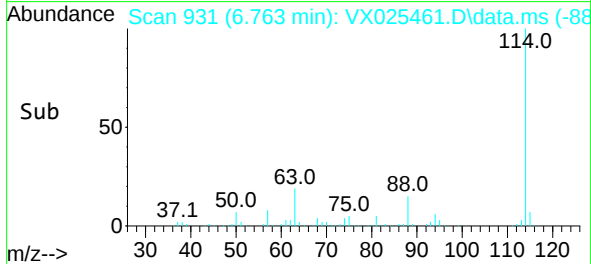
Instrument :
MSVOA_X
ClientSampleId :
DUP120221



Tgt Ion:114 Resp: 190719
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.0
88 14.8 0.0 34.8

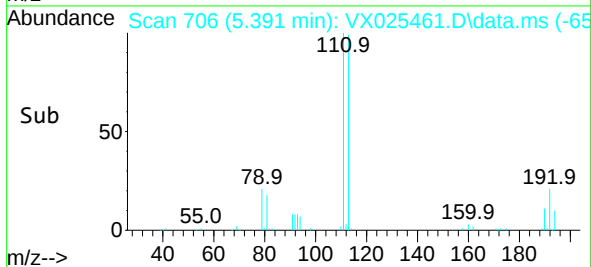
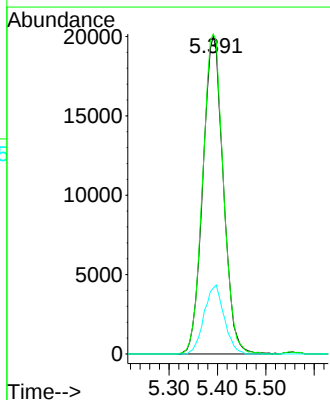
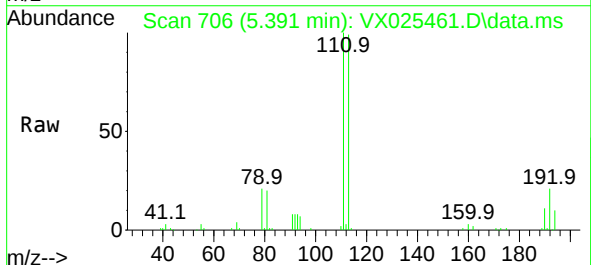
Manual Integrations
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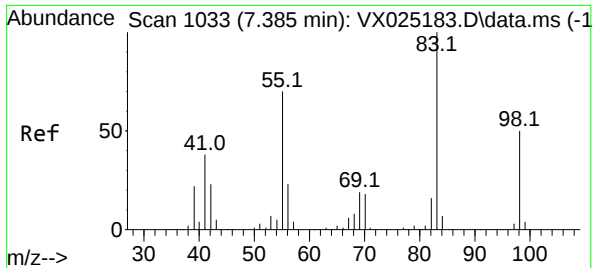
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021



#35
Dibromofluoromethane
Concen: 50.166 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50

Tgt Ion:113 Resp: 58704
Ion Ratio Lower Upper
113 100
111 101.5 82.1 123.1
192 21.2 15.6 23.4





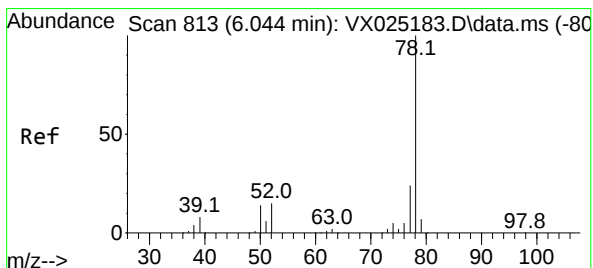
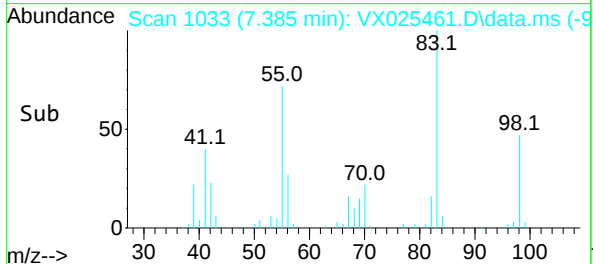
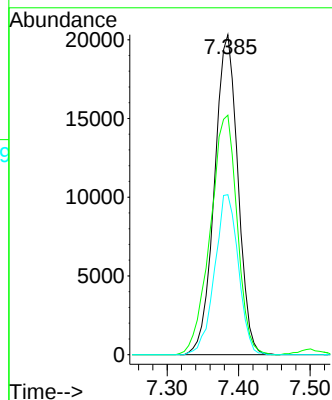
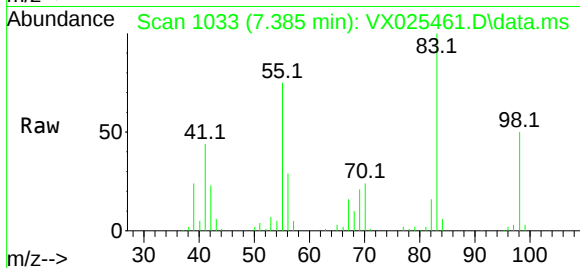
#39
Methylcyclohexane
Concen: 21.638 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50

Instrument :
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ClientSampleId :
DUP120221

Tgt Ion: 83 Resp: 4618
Ion Ratio Lower Upper
83 100
55 74.8 60.8 91.2
98 50.0 37.0 55.4

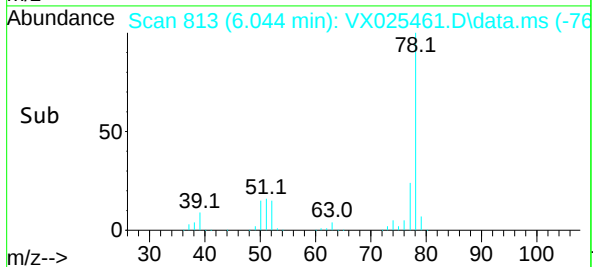
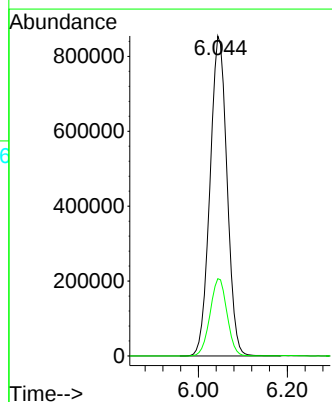
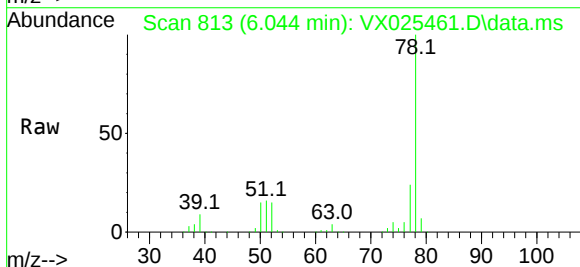
Manual Integrations
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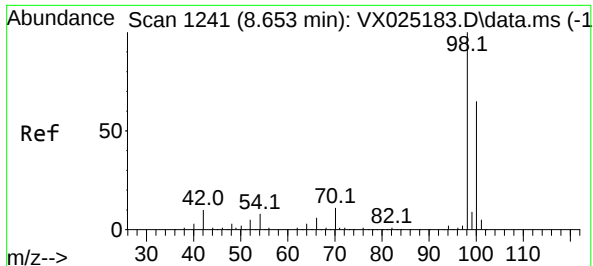
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021



#40
Benzene
Concen: 451.430 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50

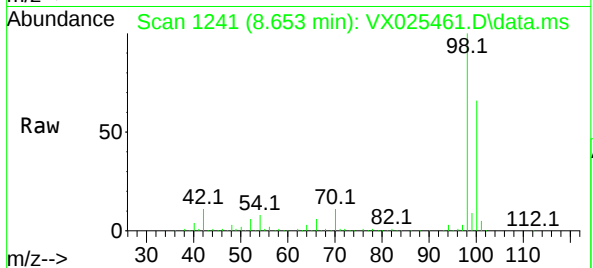
Tgt Ion: 78 Resp: 2275477
Ion Ratio Lower Upper
78 100
77 24.2 18.3 27.5





#50
Toluene-d8
Concen: 51.351 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50

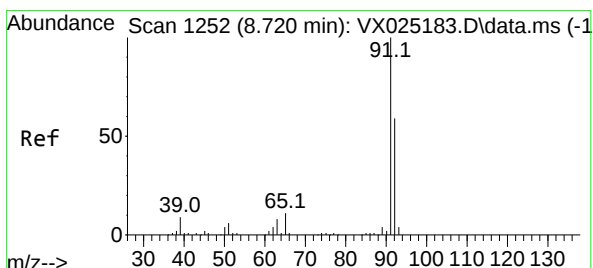
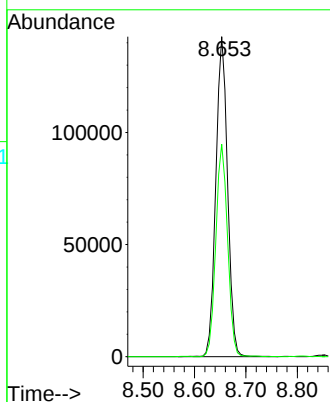
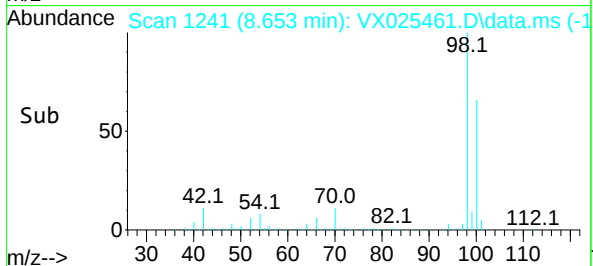
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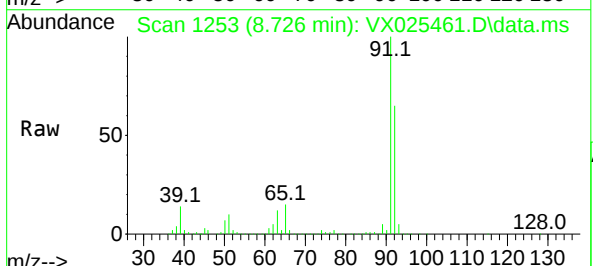
Tgt Ion: 98 Resp: 22593
Ion Ratio Lower Upper
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100 66.5 51.4 77.0

Manual Integrations
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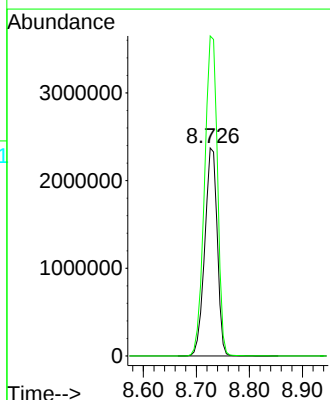
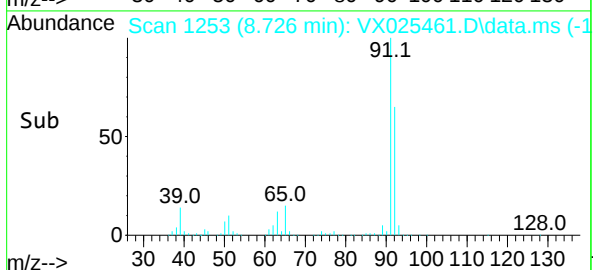
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021

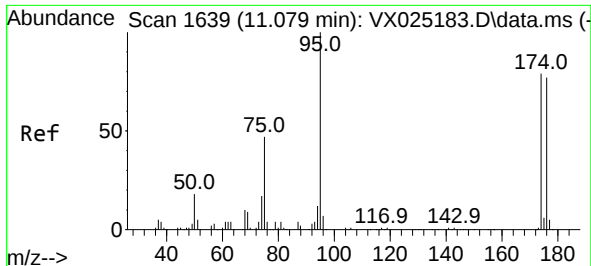


#52
Toluene
Concen: 1174.273 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50



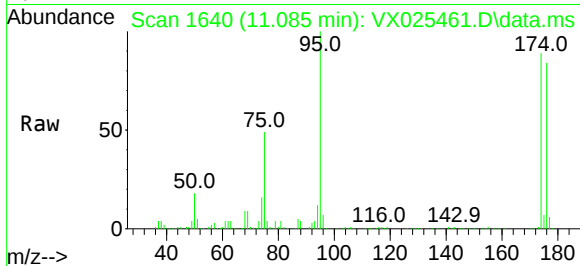
Tgt Ion: 92 Resp: 3864341
Ion Ratio Lower Upper
92 100
91 159.7 138.6 208.0





#62
4-Bromofluorobenzene
Concen: 51.062 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50

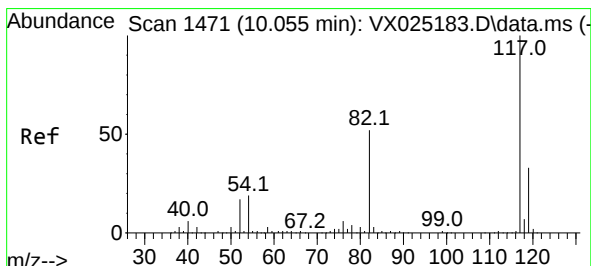
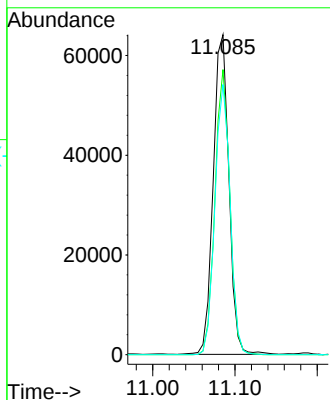
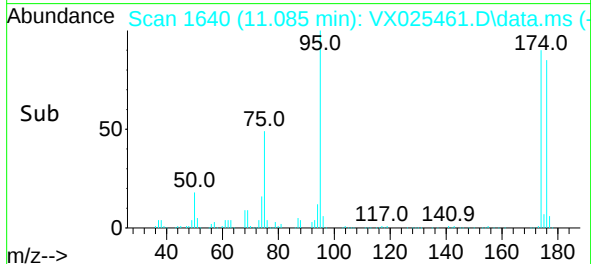
Instrument :
MSVOA_X
ClientSampleId :
DUP120221



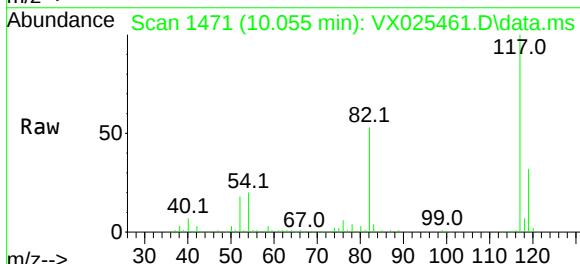
Tgt Ion: 95 Resp: 8499
Ion Ratio Lower Upper
95 100
174 84.4 0.0 158.0
176 82.1 0.0 153.6

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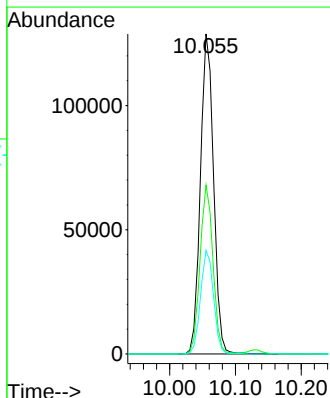
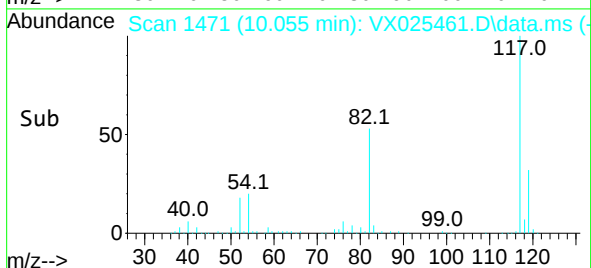
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021

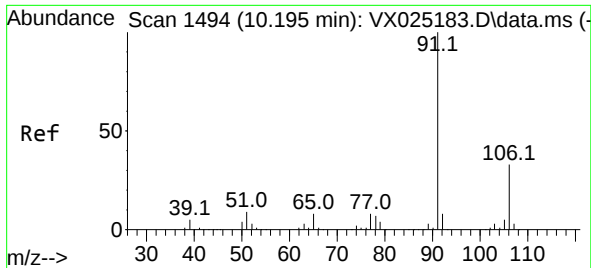


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50



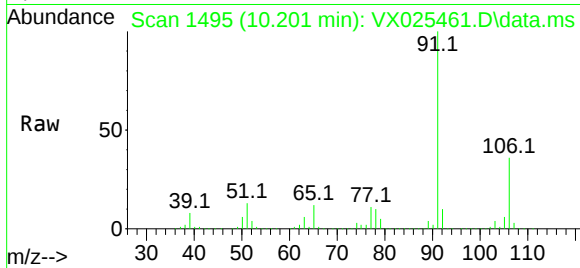
Tgt Ion:117 Resp: 178869
Ion Ratio Lower Upper
117 100
82 52.7 44.6 67.0
119 32.4 24.8 37.2





#67
Ethyl Benzene
Concen: 900.694 ug/l
RT: 10.201 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50

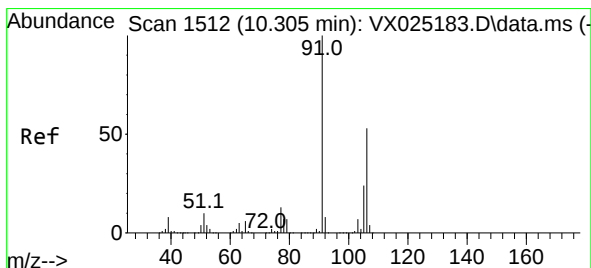
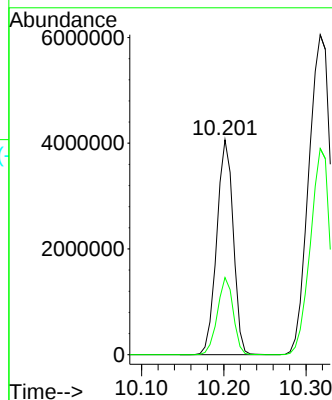
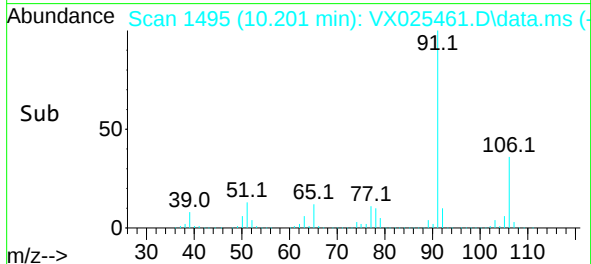
Instrument :
MSVOA_X
ClientSampleId :
DUP120221



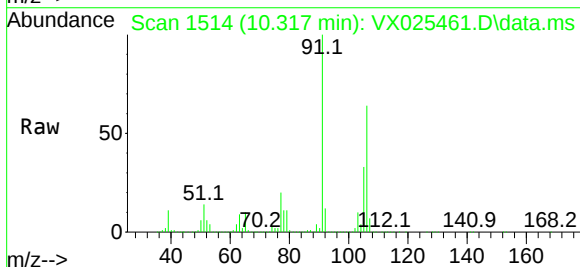
Tgt Ion: 91 Resp: 567344
Ion Ratio Lower Upper
91 100
106 35.9 24.7 37.1

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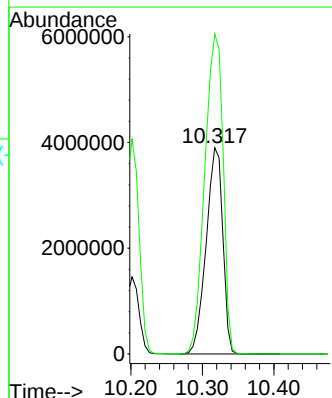
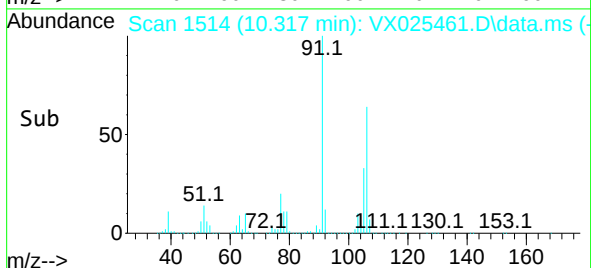
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021

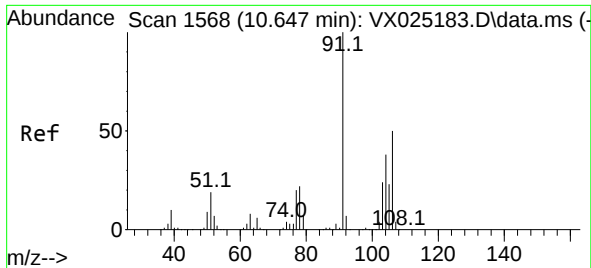


#68
m/p-Xylenes
Concen: 2445.684 ug/l
RT: 10.317 min Scan# 1514
Delta R.T. 0.012 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50



Tgt Ion:106 Resp: 6292393
Ion Ratio Lower Upper
106 100
91 171.3 163.4 245.0





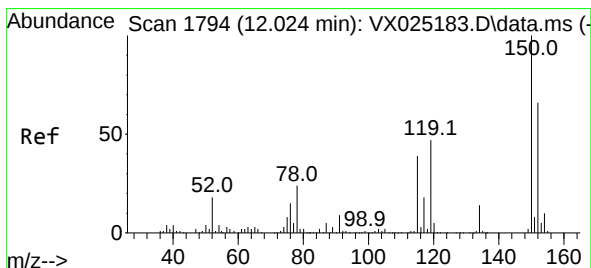
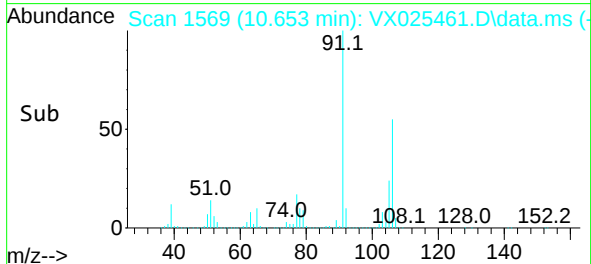
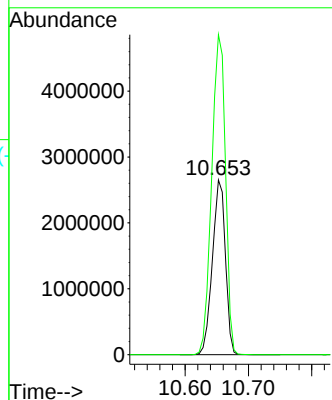
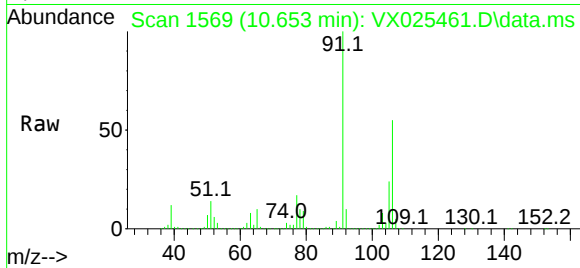
#69
o-Xylene
Concen: 1506.146 ug/l
RT: 10.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50

Instrument :
MSVOA_X
ClientSampleId :
DUP120221

Tgt Ion:106 Resp: 379272
Ion Ratio Lower Upper
106 100
91 194.3 109.5 328.4

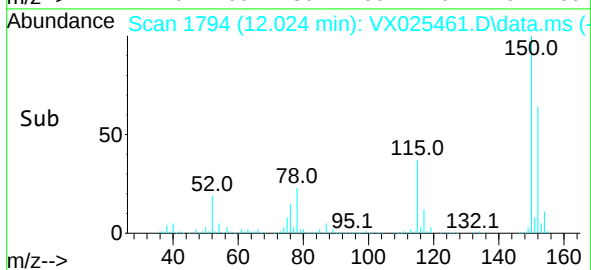
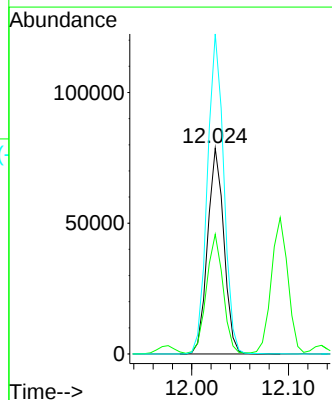
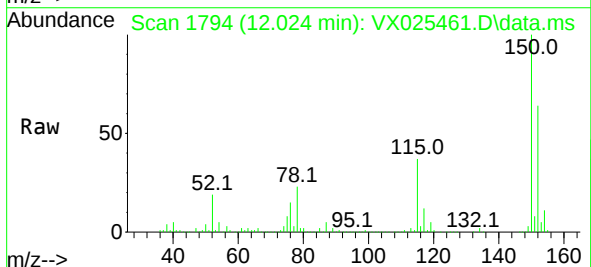
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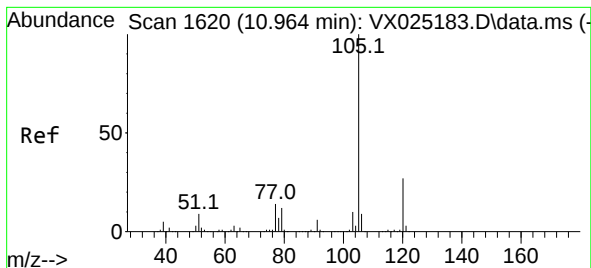
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50

Tgt Ion:152 Resp: 92139
Ion Ratio Lower Upper
152 100
115 58.7 43.3 129.8
150 156.7 0.0 351.2





#73

Isopropylbenzene

Concen: 39.612 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX025461.D

Acq: 03 Dec 2021 04:50

Instrument :

MSVOA_X

ClientSampleId :

DUP120221

Tgt Ion:105 Resp: 26012

Ion Ratio Lower Upper

105 100

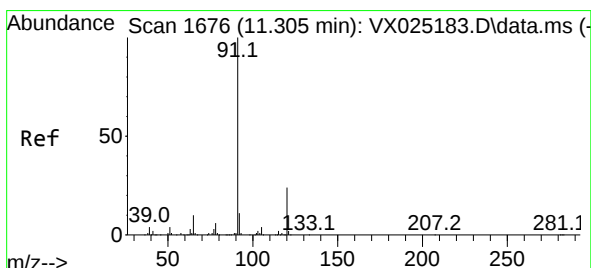
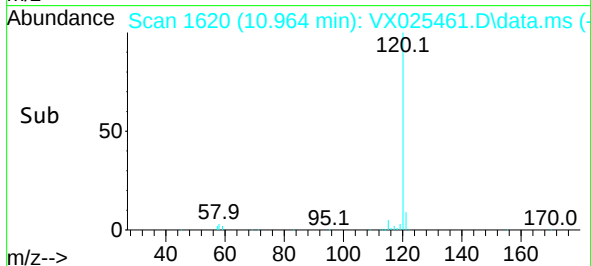
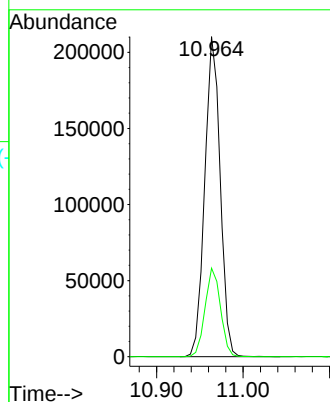
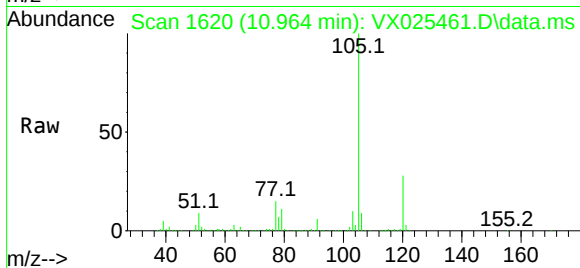
120 27.6 13.3 39.8

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Reviewed By :Mahesh Dadoda 12/17/2021

Supervised By :Semsettin Yesilyurt 12/17/2021



#78

n-propylbenzene

Concen: 114.141 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX025461.D

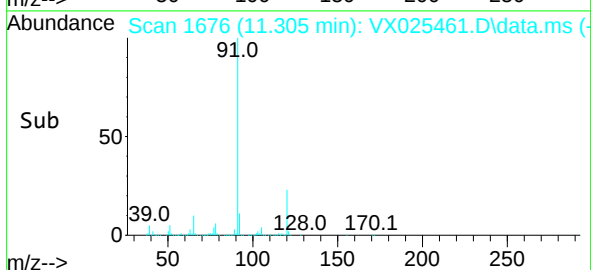
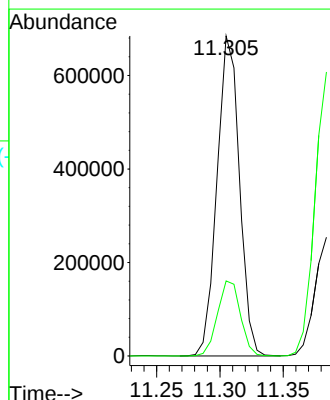
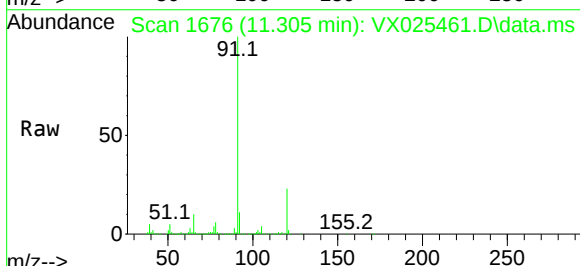
Acq: 03 Dec 2021 04:50

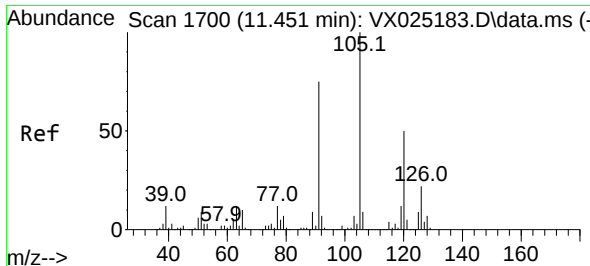
Tgt Ion: 91 Resp: 841328

Ion Ratio Lower Upper

91 100

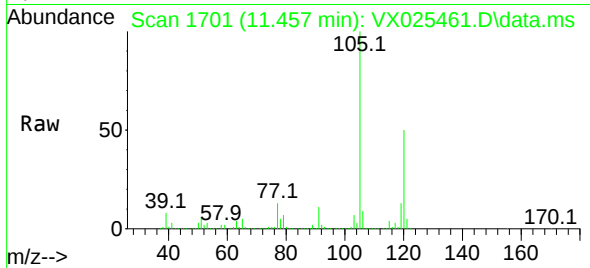
120 24.0 11.7 35.0





#80
1,3,5-Trimethylbenzene
Concen: 189.364 ug/l
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50

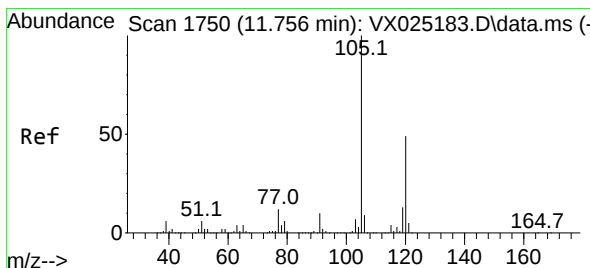
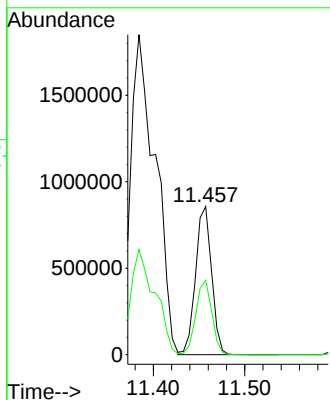
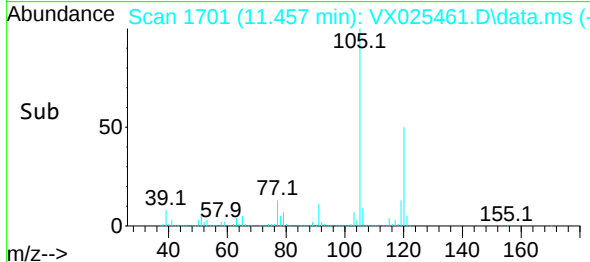
Instrument :
MSVOA_X
ClientSampleId :
DUP120221



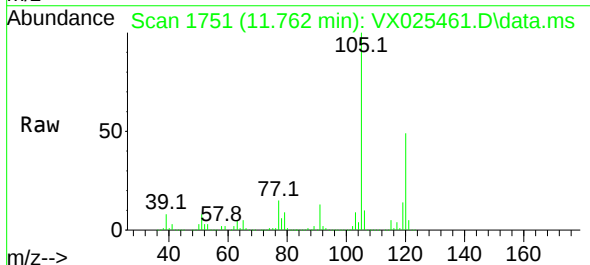
Tgt Ion:105 Resp: 1045238
Ion Ratio Lower Upper
105 100
120 49.9 23.8 71.5

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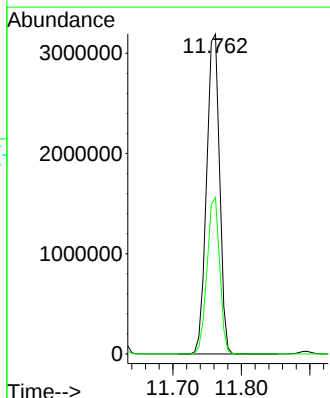
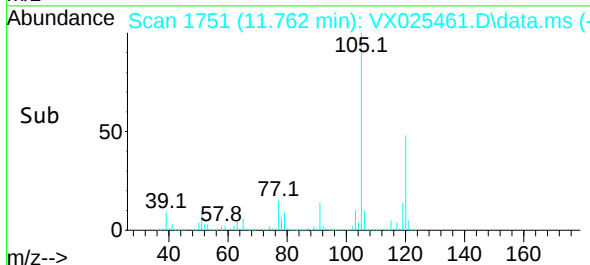
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021

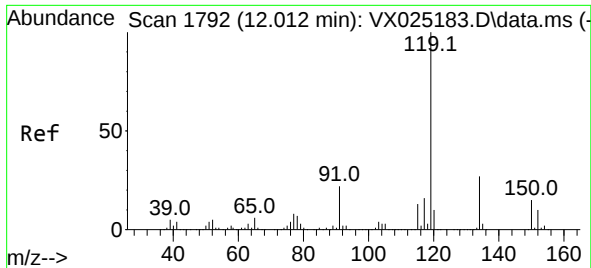


#84
1,2,4-Trimethylbenzene
Concen: 773.074 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX025461.D
Acq: 03 Dec 2021 04:50



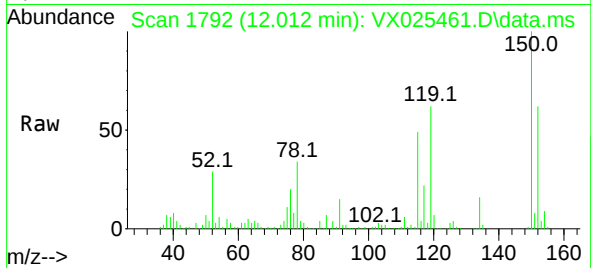
Tgt Ion:105 Resp: 4217473
Ion Ratio Lower Upper
105 100
120 47.8 22.1 66.3





#86
 p-Isopropyltoluene
 Concen: 4.021 ug/l
 RT: 12.012 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025461.D
 Acq: 03 Dec 2021 04:50

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP120221



Tgt Ion:119	Resp:	2355
Ion Ratio	Lower	Upper
119	100	
134	27.0	13.2 39.5
91	0.0	12.4 37.0

Manual Integrations
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Reviewed By :Mahesh Dadoda 12/17/2021
 Supervised By :Semsettin Yesilyurt 12/17/2021

