

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025458.D
 Acq On : 03 Dec 2021 03:40
 Operator : JC/MD
 Sample : M4918-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38

Manual Integrations
 APPROVED

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

Quant Time: Dec 03 06:15:35 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	107274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185137	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	63695	56.330	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.660%			
35) Dibromofluoromethane	5.391	113	56773	49.979	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.960%			
50) Toluene-d8	8.653	98	216999	50.808	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.620%			
62) 4-Bromofluorobenzene	11.085	95	80275	49.683	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.360%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	368220	1356.023	ug/l	99
16) Acetone	2.379	43	5965	9.494	ug/l	97
17) Carbon Disulfide	2.513	76	827m	0.296	ug/l	
19) Methyl tert-butyl Ether	3.117	73	140321	40.505	ug/l #	68
22) Diisopropyl ether	3.763	45	27222	7.944	ug/l #	84
31) Cyclohexane	5.476	56	82453	47.187	ug/l	94
39) Methylcyclohexane	7.385	83	48977	23.639	ug/l	93
40) Benzene	6.056	78	6017952	1229.894	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	2163m	1.128	ug/l	
52) Toluene	8.720	92	323830	101.370	ug/l	98
67) Ethyl Benzene	10.201	91	3775220	624.738	ug/l	94
68) m/p-Xylenes	10.311	106	2157922	874.270	ug/l	94
69) o-Xylene	10.646	106	1314089	543.958	ug/l	92
73) Isopropylbenzene	10.963	105	250765	40.767	ug/l	98
78) n-propylbenzene	11.305	91	680351	98.535	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	547222	105.835	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	2592067	507.221	ug/l	95
89) n-Butylbenzene	12.329	91	64991	14.048	ug/l #	23

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

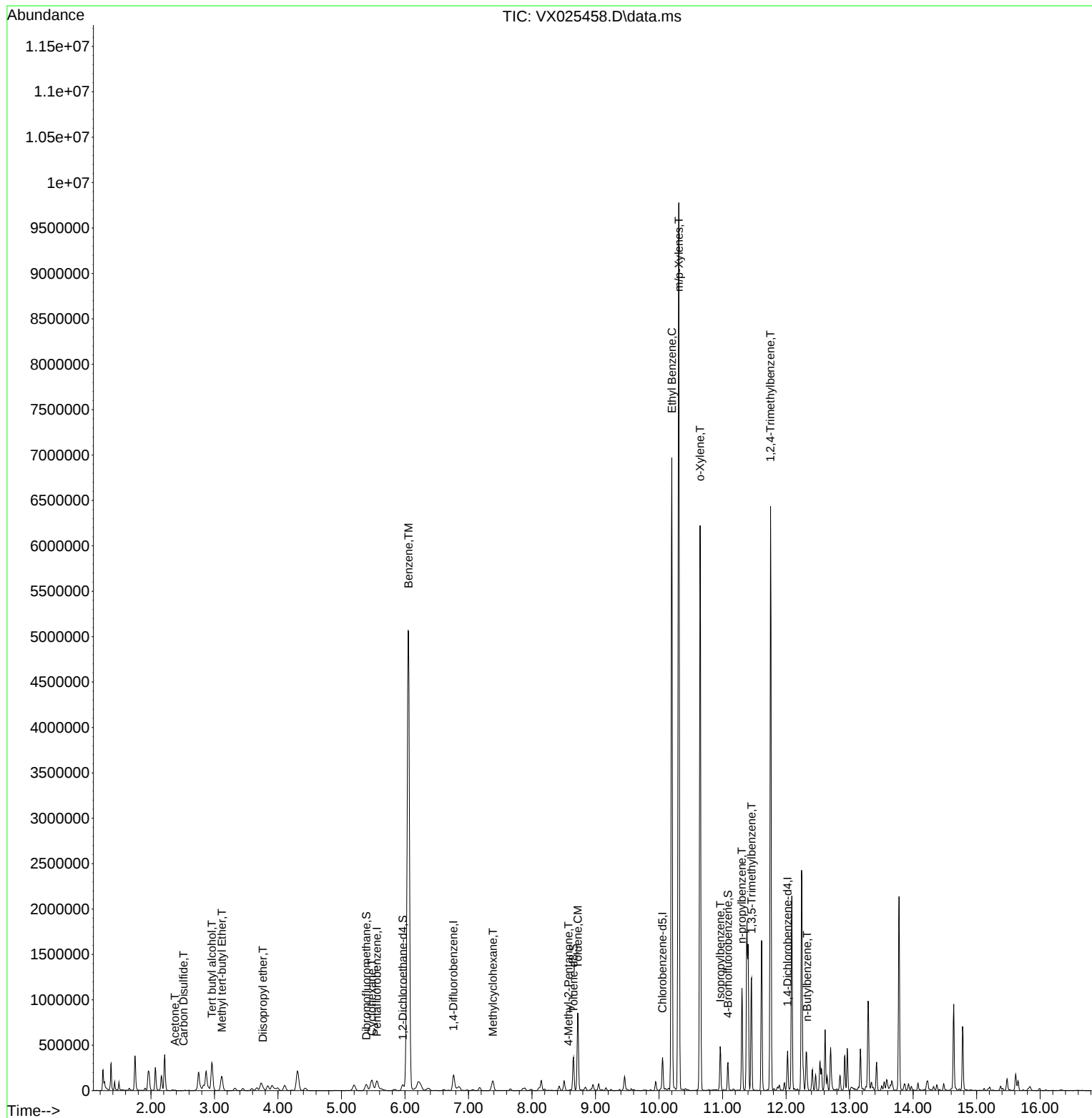
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025458.D
Acq On : 03 Dec 2021 03:40
Operator : JC/MD
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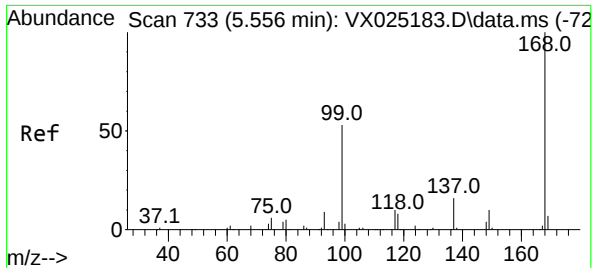
Instrument :
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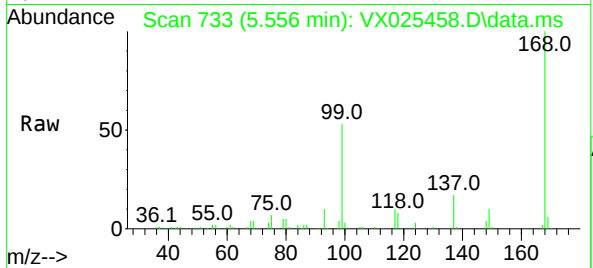
Quant Time: Dec 03 06:15:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

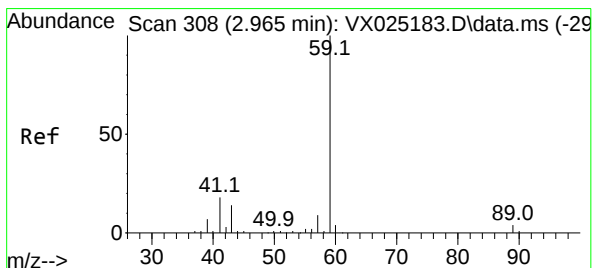
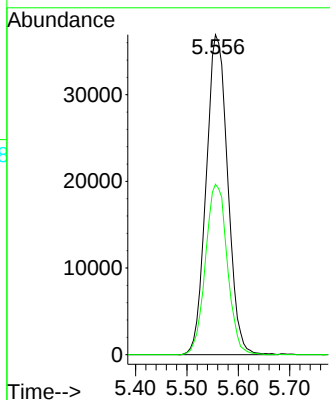
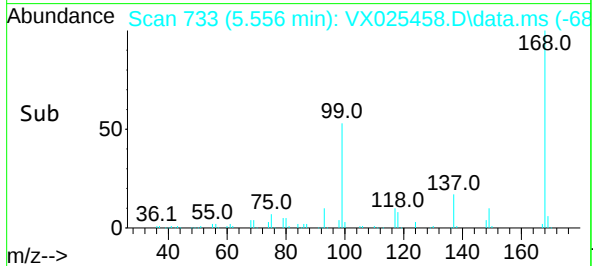
Instrument :
MSVOA_X
ClientSampleId :
MW-38



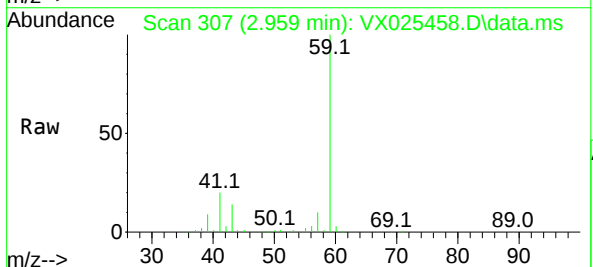
Tgt Ion:168 Resp: 107274
Ion Ratio Lower Upper
168 100
99 53.3 46.4 69.6

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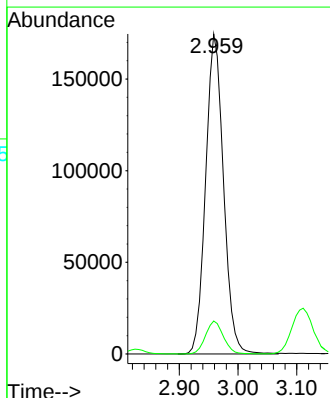
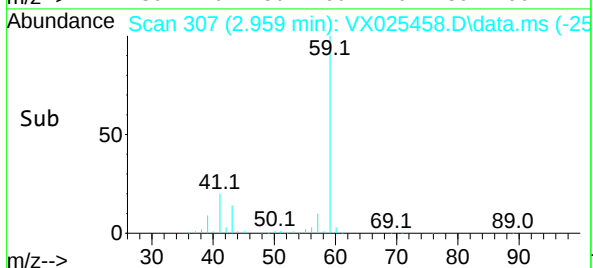
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021

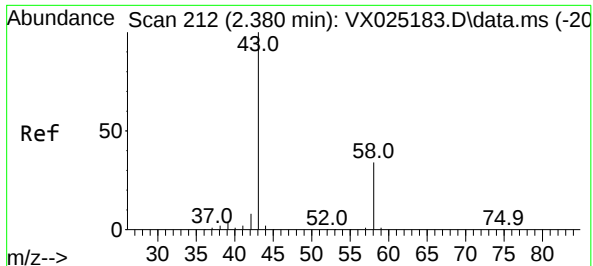


#11
Tert butyl alcohol
Concen: 1356.023 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40



Tgt Ion: 59 Resp: 368220
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7





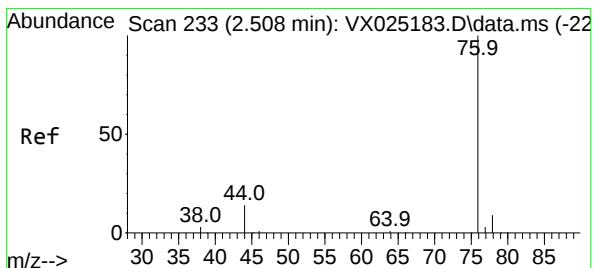
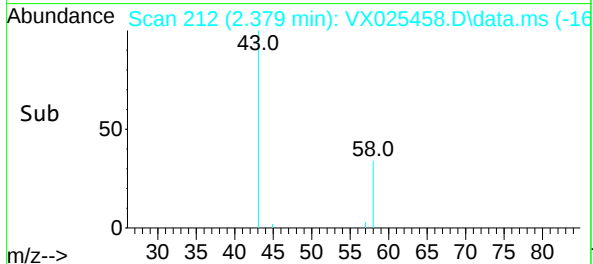
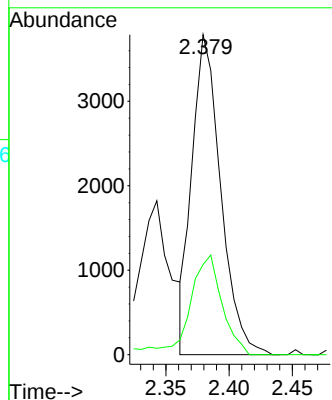
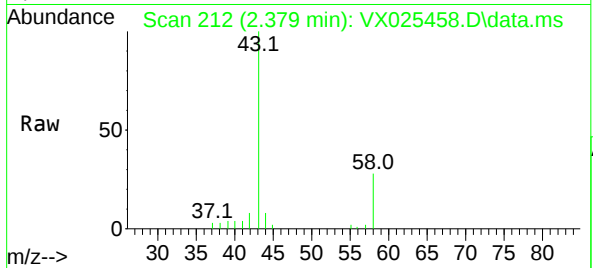
#16
Acetone
Concen: 9.494 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

Instrument :
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Tgt Ion: 43 Resp: 596
Ion Ratio Lower Upper
43 100
58 28.1 24.0 36.0

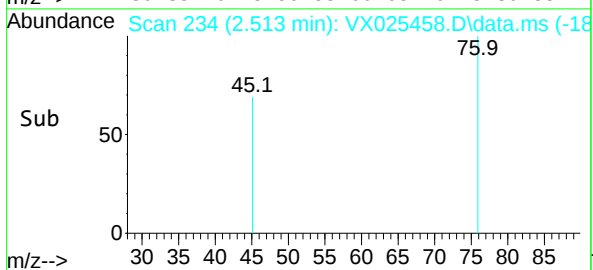
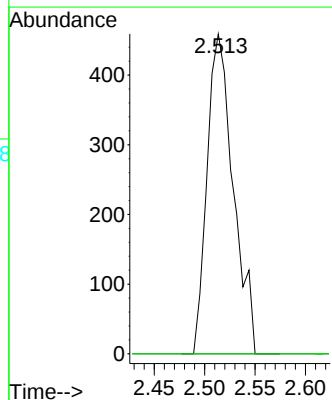
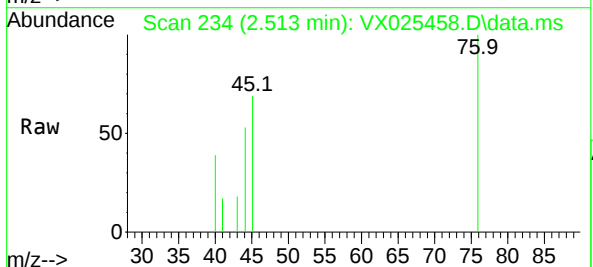
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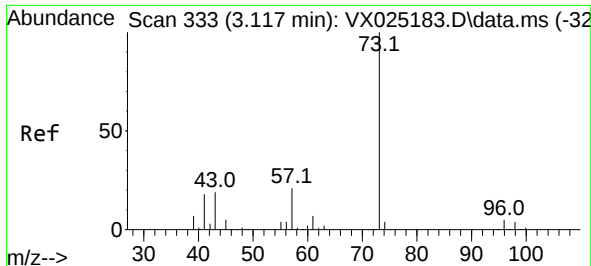
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021



#17
Carbon Disulfide
Concen: 0.296 ug/l m
RT: 2.513 min Scan# 234
Delta R.T. 0.005 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

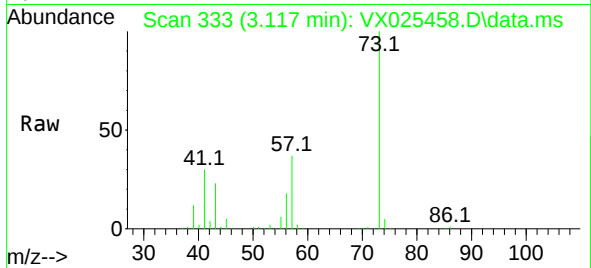
Tgt Ion: 76 Resp: 827
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#





#19
Methyl tert-butyl Ether
Concen: 40.505 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

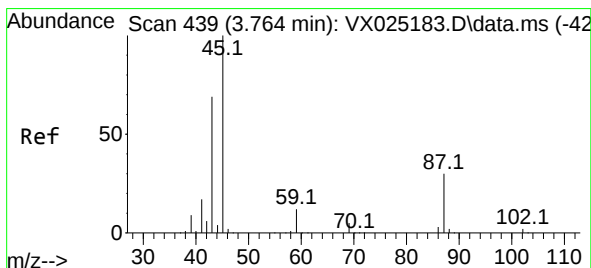
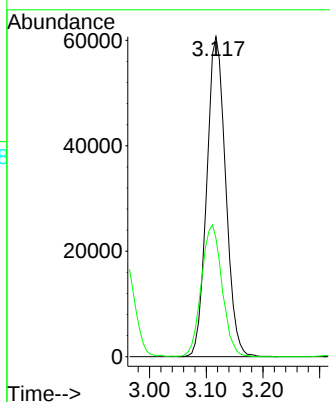
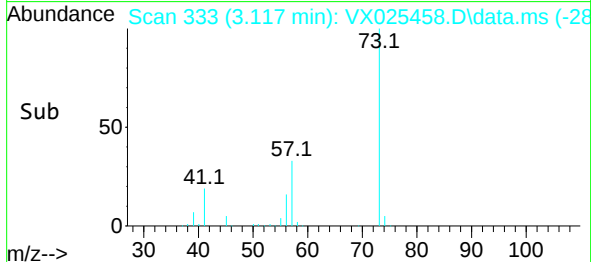
Instrument :
MSVOA_X
ClientSampleId :
MW-38



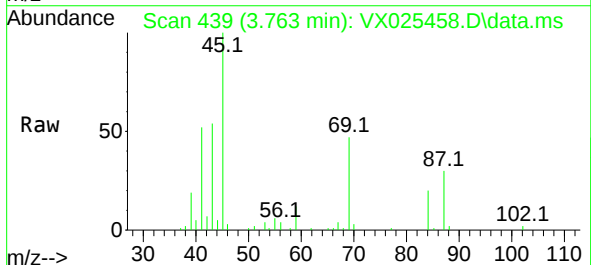
Tgt Ion: 73 Resp: 14032
Ion Ratio Lower Upper
73 100
57 37.0 17.5 26.3

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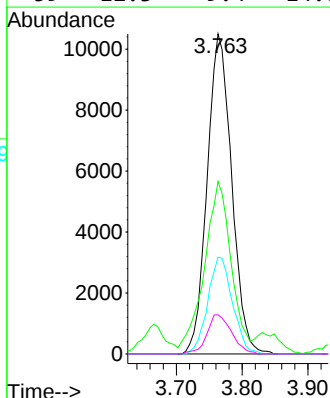
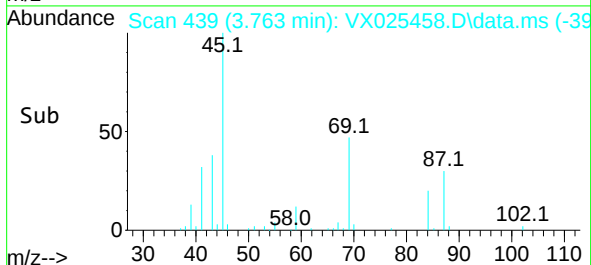
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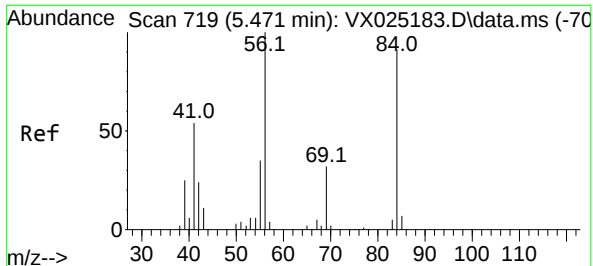


#22
Diisopropyl ether
Concen: 7.944 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40



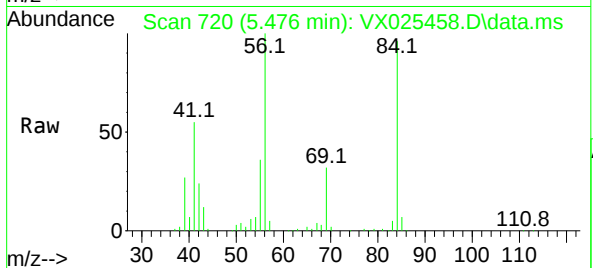
Tgt Ion: 45 Resp: 27222
Ion Ratio Lower Upper
45 100
43 52.0 58.3 87.5#
87 30.2 23.7 35.5
59 12.3 9.4 14.0





#31
Cyclohexane
Concen: 47.187 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.005 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

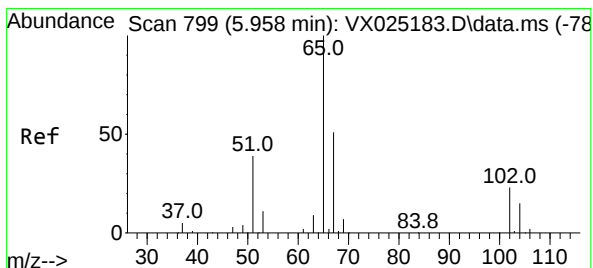
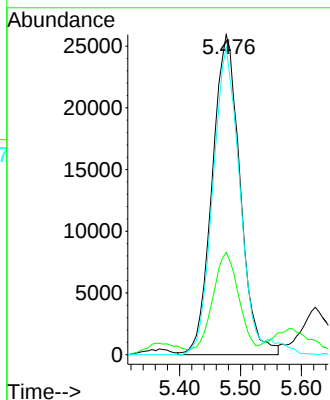
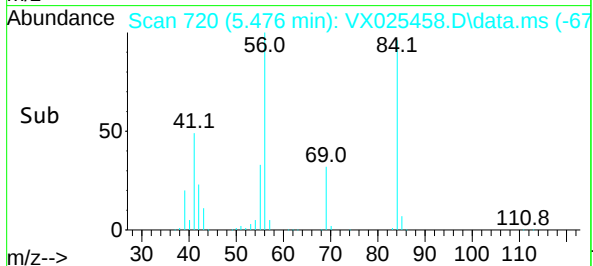
Instrument :
MSVOA_X
ClientSampleId :
MW-38



Tgt Ion: 56 Resp: 8245
Ion Ratio Lower Upper
56 100
69 29.4 24.2 36.2
84 96.6 71.5 107.3

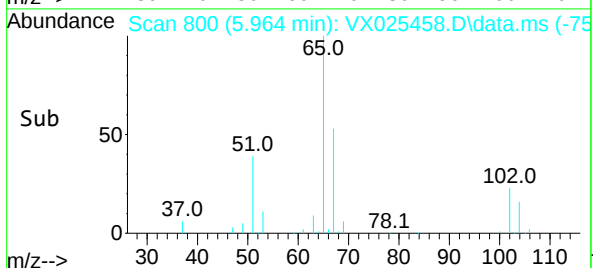
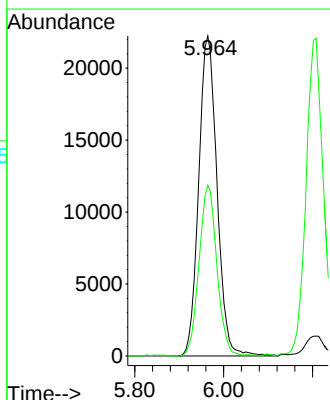
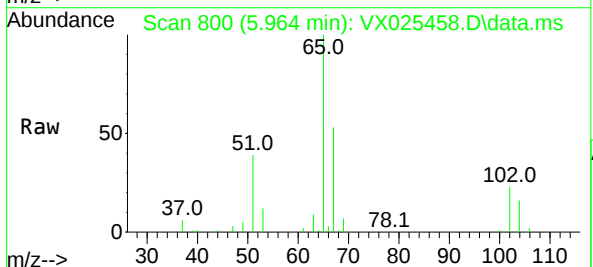
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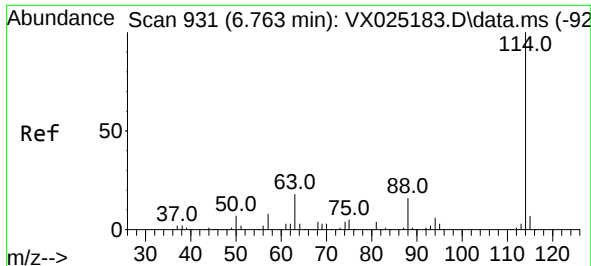
Reviewed By :Mahesh Dadoda 12/17/2021
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#33
1,2-Dichloroethane-d4
Concen: 56.330 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

Tgt Ion: 65 Resp: 63695
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.0





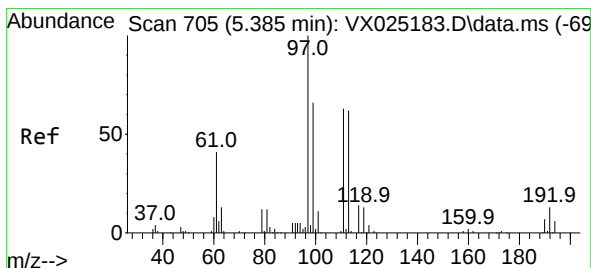
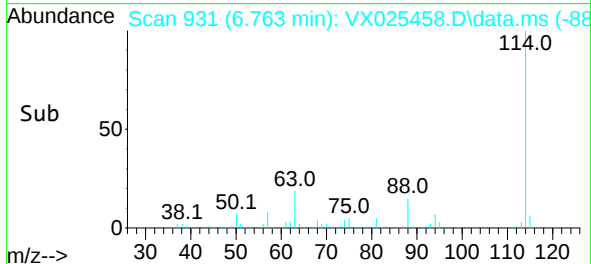
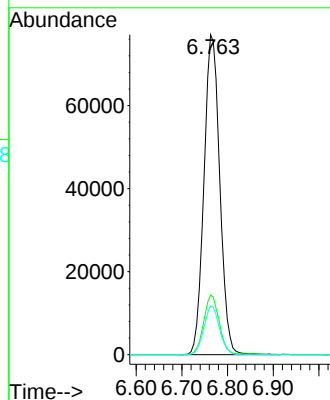
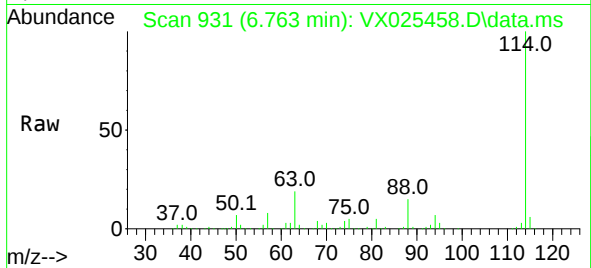
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

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Tgt Ion:114 Resp: 18513
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.0
88 15.3 0.0 34.8

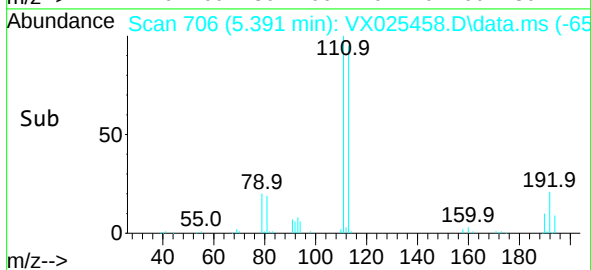
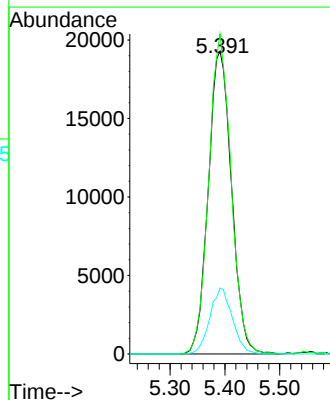
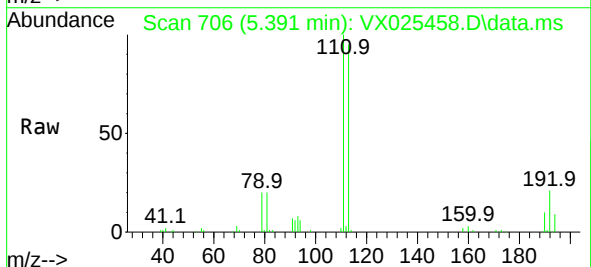
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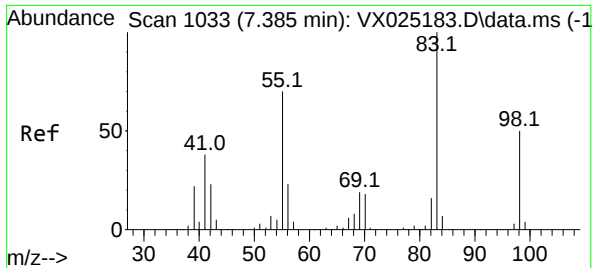
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021



#35
Dibromofluoromethane
Concen: 49.979 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

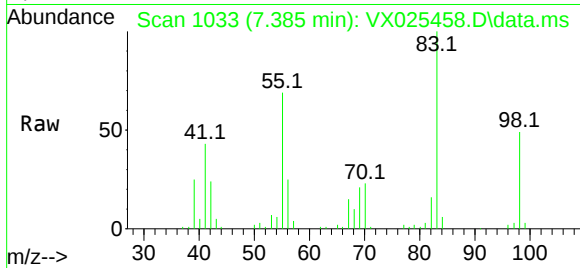
Tgt Ion:113 Resp: 56773
Ion Ratio Lower Upper
113 100
111 101.6 82.1 123.1
192 21.0 15.6 23.4





#39
Methylcyclohexane
Concen: 23.639 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

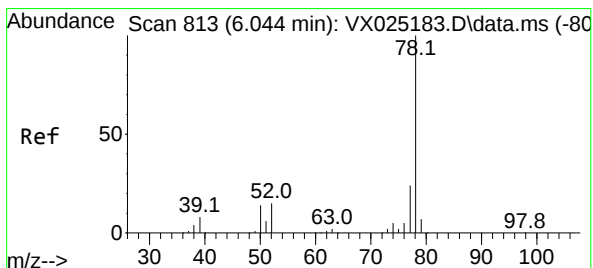
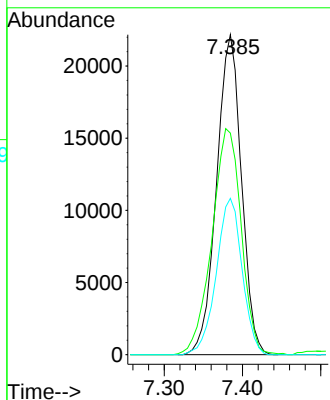
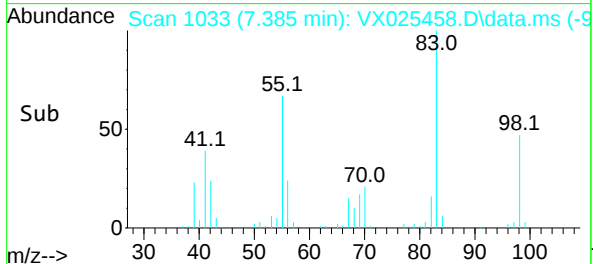
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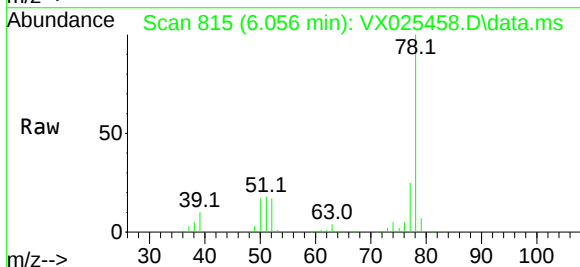
Tgt Ion: 83 Resp: 4897
Ion Ratio Lower Upper
83 100
55 69.0 60.8 91.2
98 48.9 37.0 55.4

Manual Integrations
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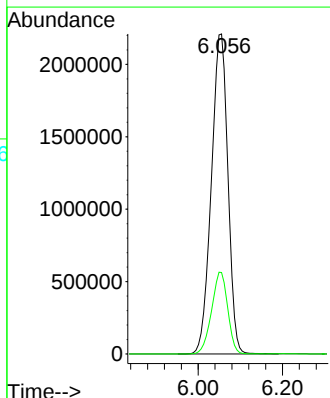
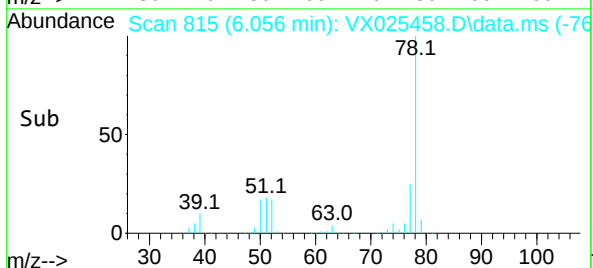
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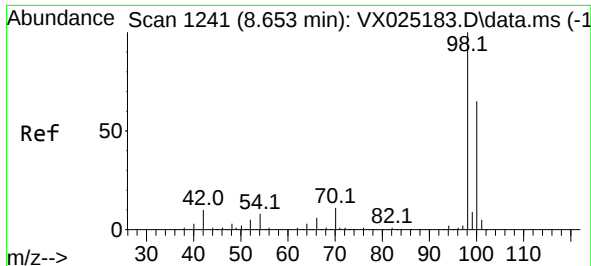


#40
Benzene
Concen: 1229.894 ug/l
RT: 6.056 min Scan# 815
Delta R.T. 0.012 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40



Tgt Ion: 78 Resp: 6017952
Ion Ratio Lower Upper
78 100
77 25.5 18.3 27.5





#50

Toluene-d8

Concen: 50.808 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_X

ClientSampleId :

MW-38

Tgt Ion: 98 Resp: 21699

Ion Ratio Lower Upper

98 100

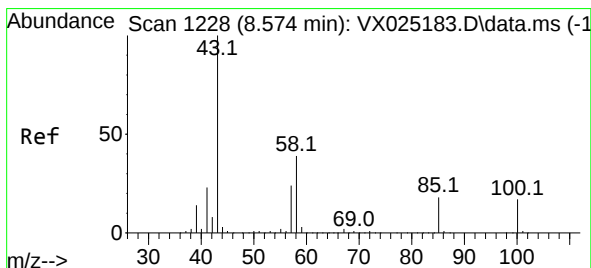
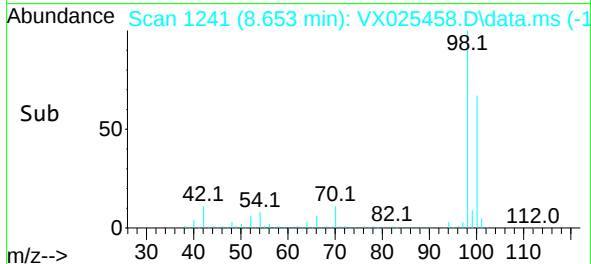
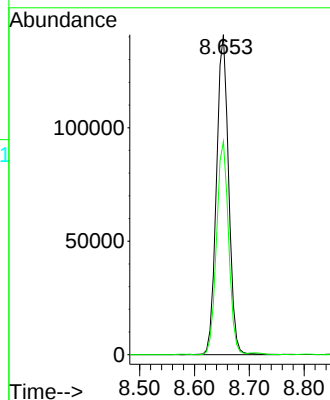
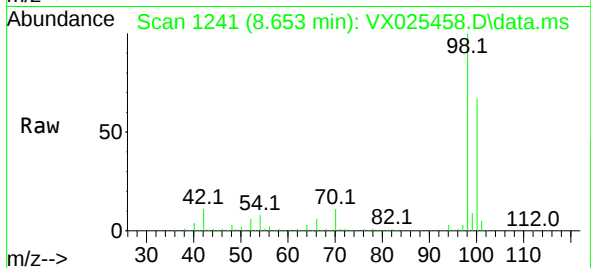
100 65.9 51.4 77.0

Manual Integrations

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#51

4-Methyl-2-Pentanone

Concen: 1.128 ug/l m

RT: 8.573 min Scan# 1228

Delta R.T. -0.001 min

Lab File: VX025458.D

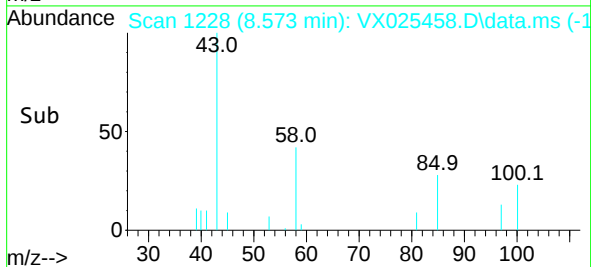
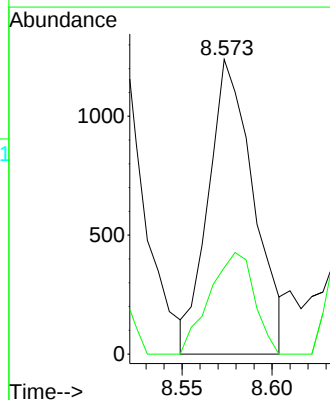
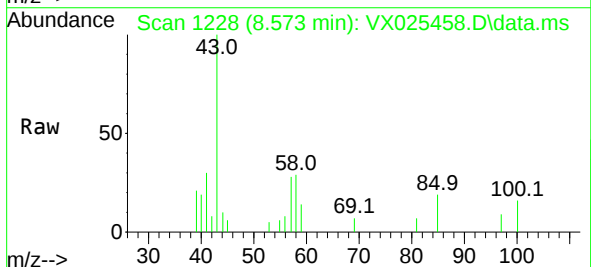
Acq: 03 Dec 2021 03:40

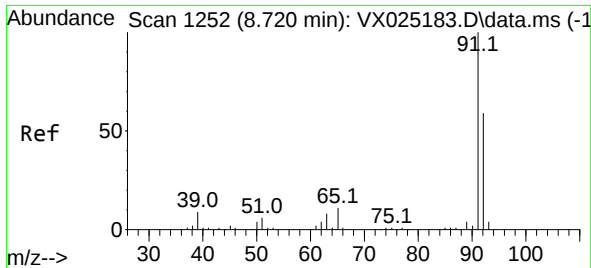
Tgt Ion: 43 Resp: 2163

Ion Ratio Lower Upper

43 100

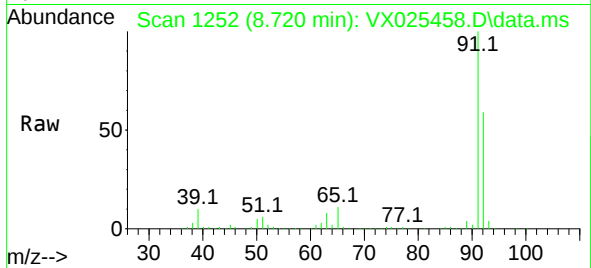
58 0.0 30.9 46.3#





#52
Toluene
Concen: 101.370 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

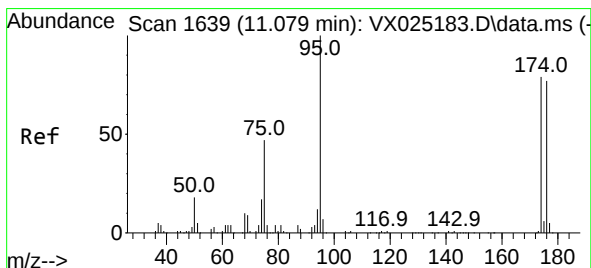
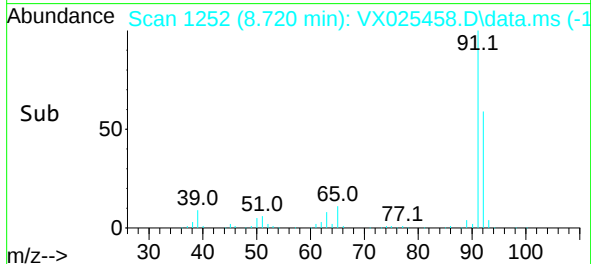
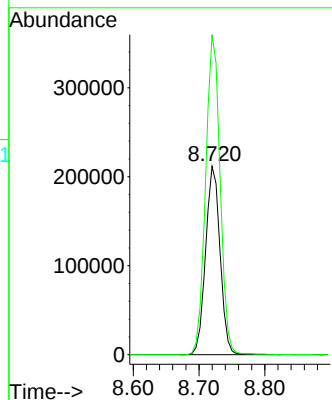
Instrument :
MSVOA_X
ClientSampleId :
MW-38



Tgt Ion: 92 Resp: 323830
Ion Ratio Lower Upper
92 100
91 170.6 138.6 208.0

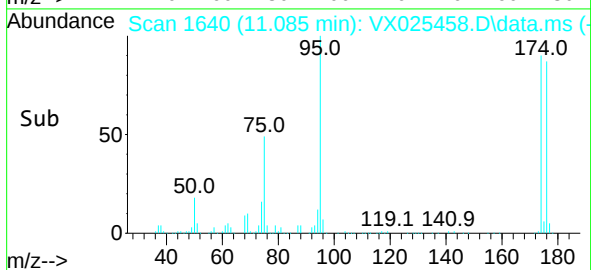
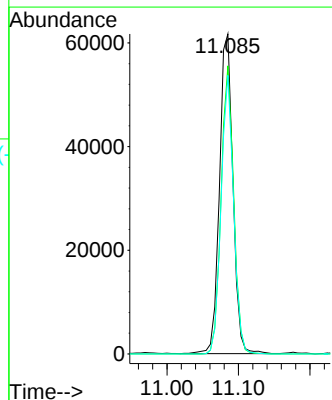
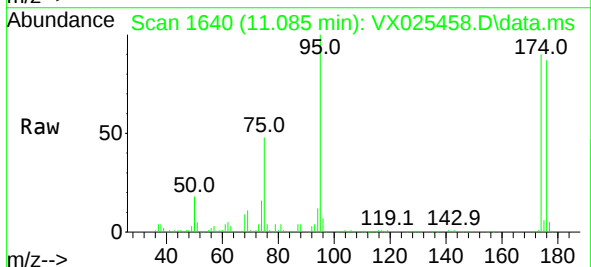
Manual Integrations
APPROVED

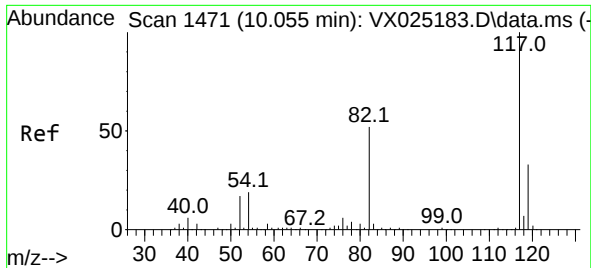
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021



#62
4-Bromofluorobenzene
Concen: 49.683 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

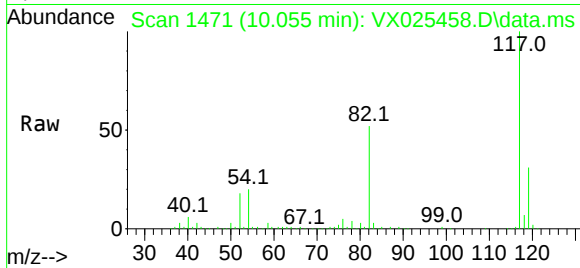
Tgt Ion: 95 Resp: 80275
Ion Ratio Lower Upper
95 100
174 84.6 0.0 158.0
176 81.2 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

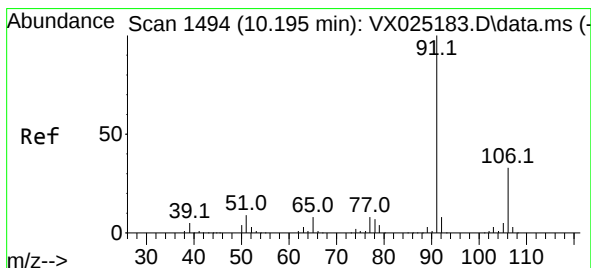
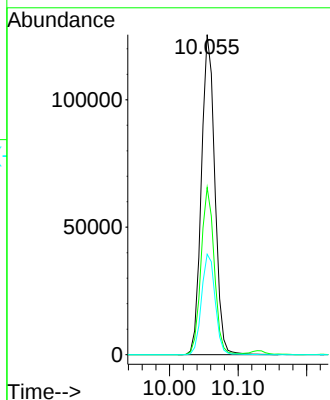
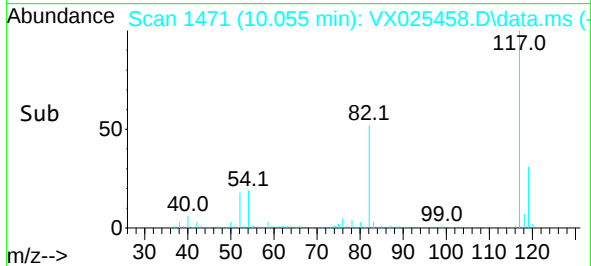
Instrument :
MSVOA_X
ClientSampleId :
MW-38



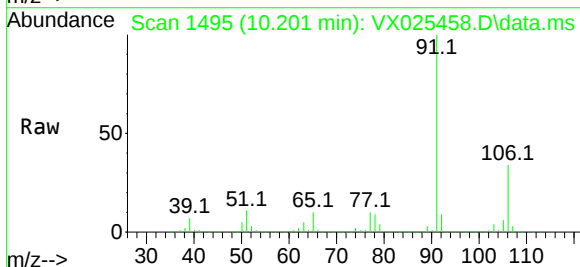
Tgt Ion:117 Resp: 171597
Ion Ratio Lower Upper
117 100
82 52.2 44.6 67.0
119 31.4 24.8 37.2

Manual Integrations
APPROVED

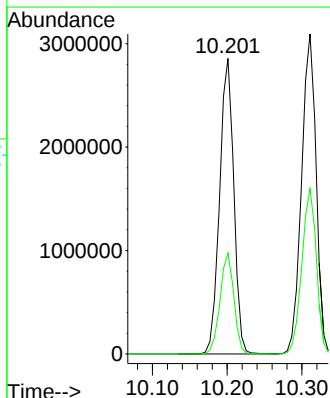
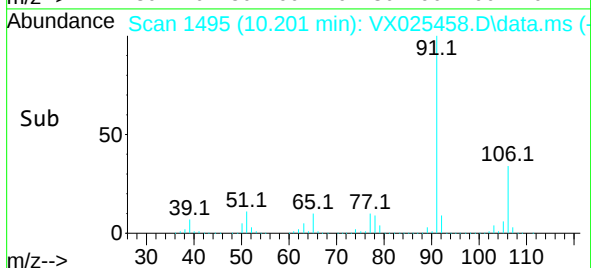
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021

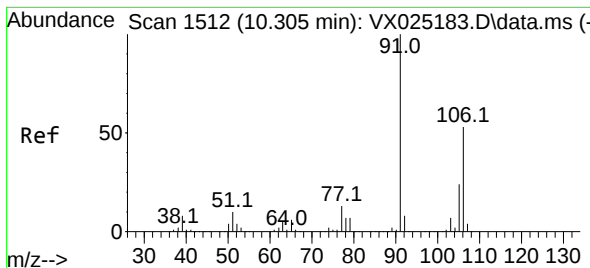


#67
Ethyl Benzene
Concen: 624.738 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40



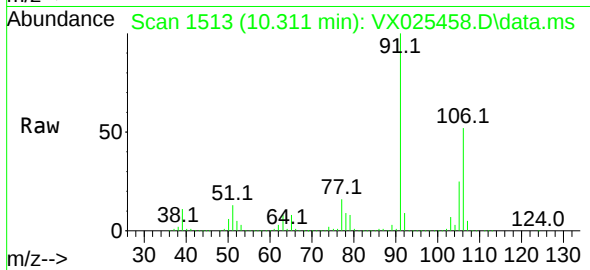
Tgt Ion: 91 Resp: 3775220
Ion Ratio Lower Upper
91 100
106 34.1 24.7 37.1





#68
m/p-Xylenes
Concen: 874.270 ug/l
RT: 10.311 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

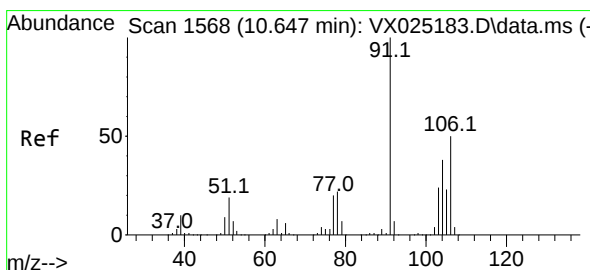
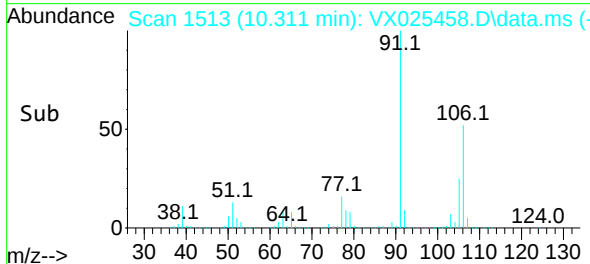
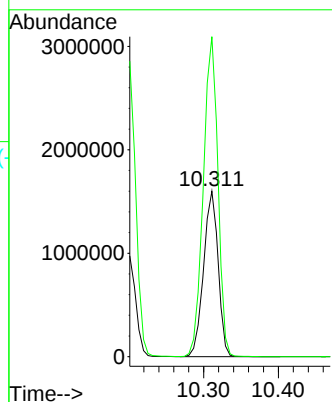
Instrument :
MSVOA_X
ClientSampleId :
MW-38



Tgt Ion:106 Resp: 215792
Ion Ratio Lower Upper
106 100
91 194.4 163.4 245.0

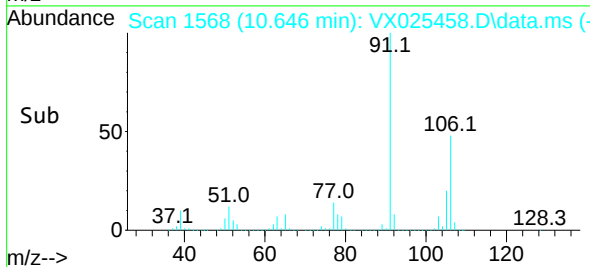
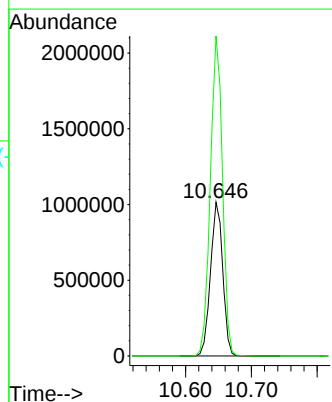
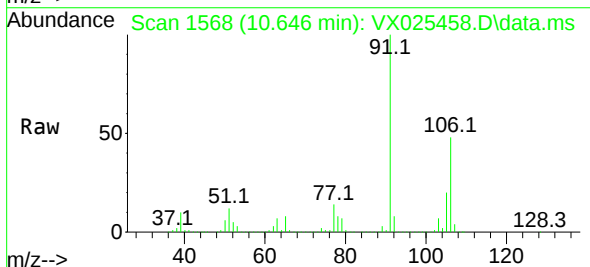
Manual Integrations
APPROVED

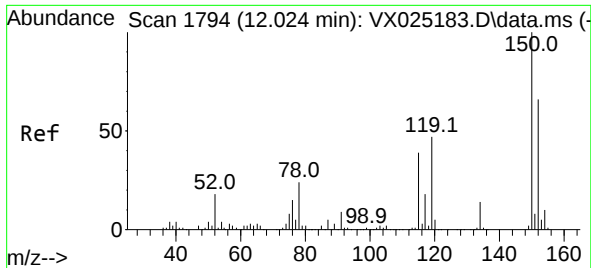
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021



#69
o-Xylene
Concen: 543.958 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

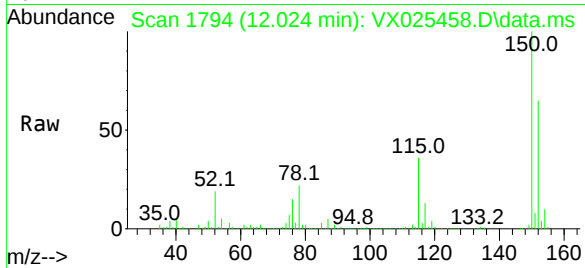
Tgt Ion:106 Resp: 1314089
Ion Ratio Lower Upper
106 100
91 206.7 109.5 328.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

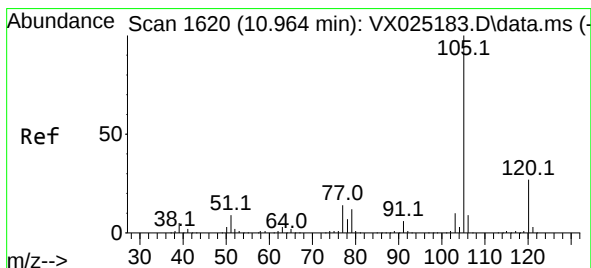
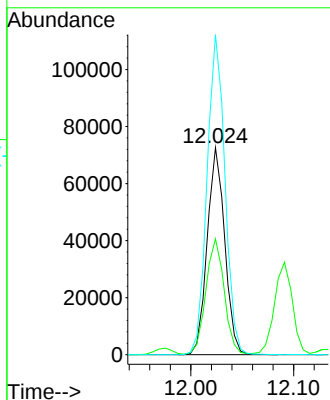
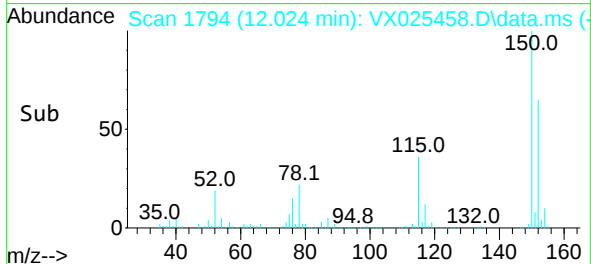
Instrument :
MSVOA_X
ClientSampleId :
MW-38



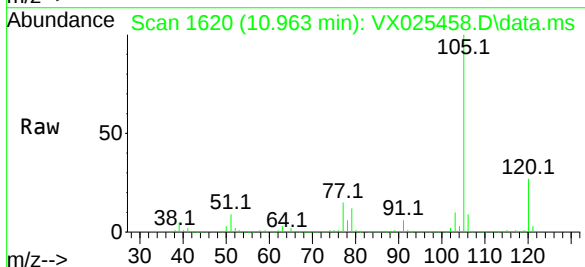
Tgt Ion:152 Resp: 86310
Ion Ratio Lower Upper
152 100
115 57.7 43.3 129.8
150 157.7 0.0 351.2

Manual Integrations
APPROVED

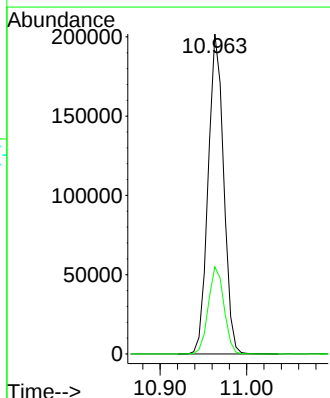
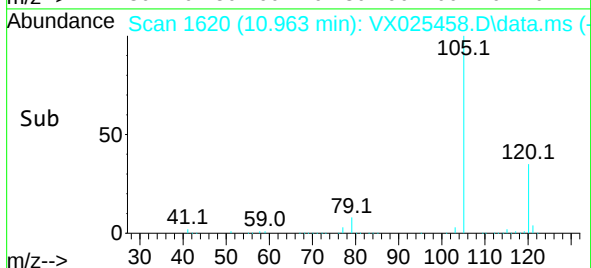
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021

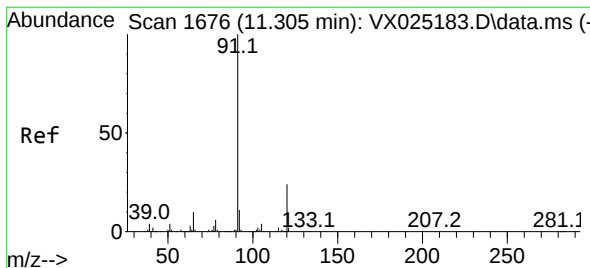


#73
Isopropylbenzene
Concen: 40.767 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40



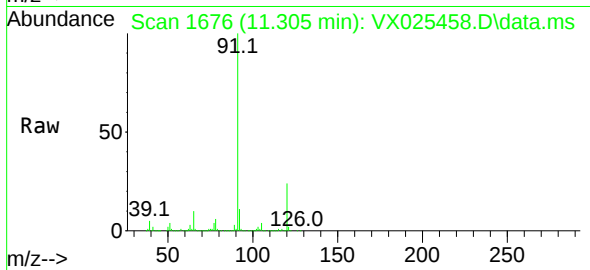
Tgt Ion:105 Resp: 250765
Ion Ratio Lower Upper
105 100
120 27.5 13.3 39.8





#78
n-propylbenzene
Concen: 98.535 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40

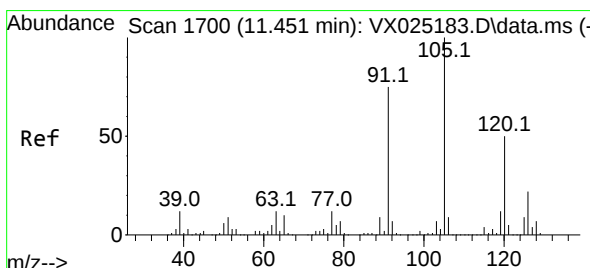
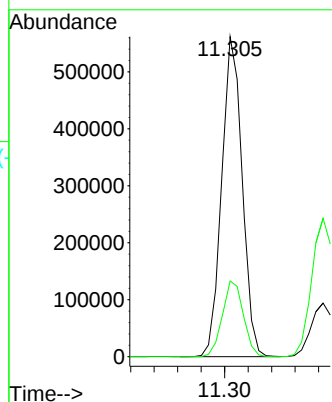
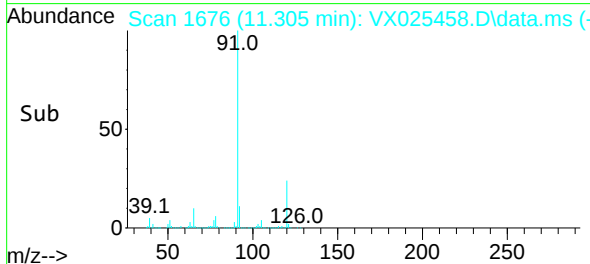
Instrument :
MSVOA_X
ClientSampleId :
MW-38



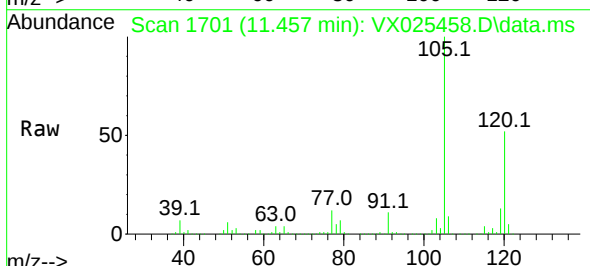
Tgt Ion: 91 Resp: 68035
Ion Ratio Lower Upper
91 100
120 24.2 11.7 35.0

Manual Integrations
APPROVED

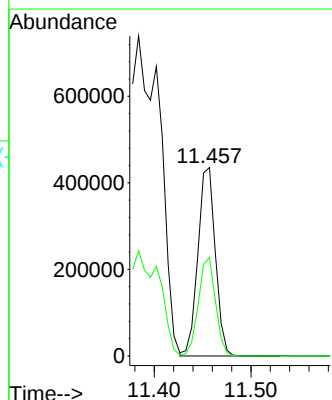
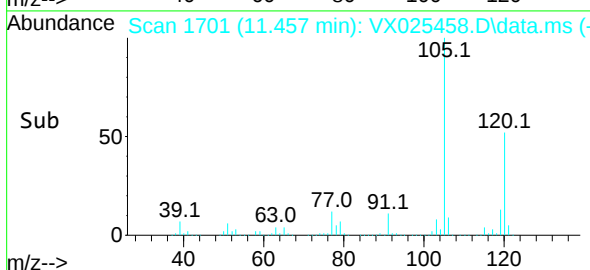
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021

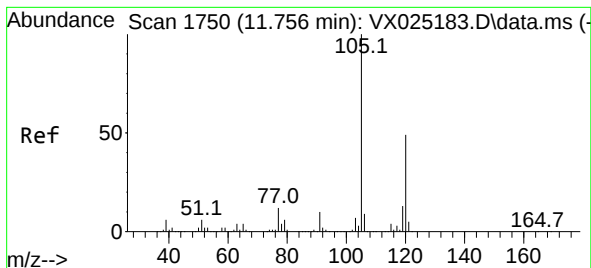


#80
1,3,5-Trimethylbenzene
Concen: 105.835 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025458.D
Acq: 03 Dec 2021 03:40



Tgt Ion:105 Resp: 547222
Ion Ratio Lower Upper
105 100
120 51.1 23.8 71.5





#84

1,2,4-Trimethylbenzene

Concen: 507.221 ug/l

RT: 11.756 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Instrument :

MSVOA_X

ClientSampleId :

MW-38

Tgt Ion:105 Resp: 259206

Ion Ratio Lower Upper

105 100

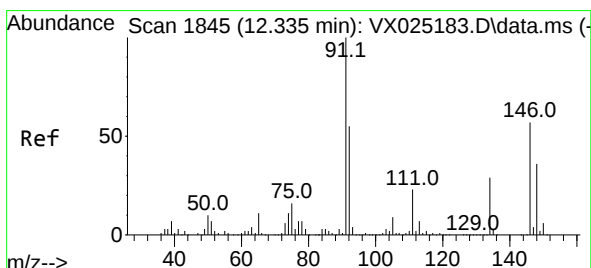
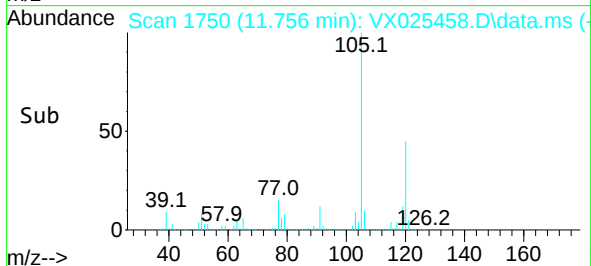
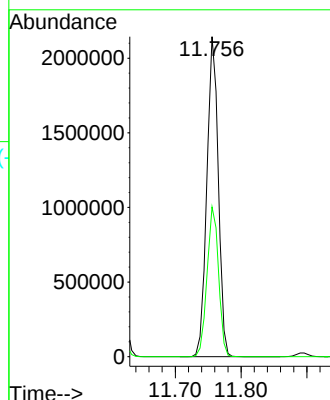
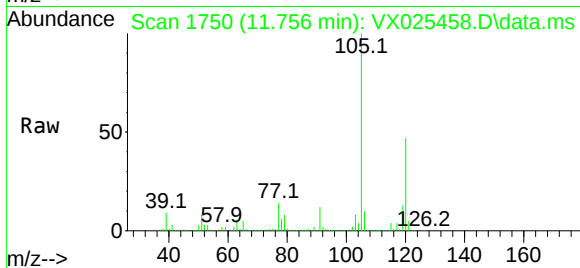
120 47.2 22.1 66.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/17/2021

Supervised By :Semsettin Yesilyurt 12/17/2021



#89

n-Butylbenzene

Concen: 14.048 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX025458.D

Acq: 03 Dec 2021 03:40

Tgt Ion: 91 Resp: 64991

Ion Ratio Lower Upper

91 100

92 33.2 26.3 78.8

134 116.1 13.0 38.9#

