

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025460.D
 Acq On : 03 Dec 2021 04:27
 Operator : JC/MD
 Sample : M4918-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-39

Manual Integrations
 APPROVED

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

Quant Time: Dec 03 06:16:06 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	111403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189369	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65277	55.590	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.180%			
35) Dibromofluoromethane	5.391	113	58235	50.120	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.240%			
50) Toluene-d8	8.653	98	222336	50.894	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.780%			
62) 4-Bromofluorobenzene	11.085	95	81741	49.459	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.920%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	73860	254.437	ug/l	99
16) Acetone	2.379	43	3835	5.877	ug/l	94
17) Carbon Disulfide	2.514	76	913m	0.314	ug/l	
19) Methyl tert-butyl Ether	3.117	73	73431	20.411	ug/l #	1
31) Cyclohexane	5.476	56	46994	25.898	ug/l	96
39) Methylcyclohexane	7.385	83	43769	20.653	ug/l	95
40) Benzene	6.043	78	2219536	443.471	ug/l	98
52) Toluene	8.732	92	3841075	1175.524	ug/l	90
67) Ethyl Benzene	10.201	91	5387927	875.232	ug/l	92
68) m/p-Xylenes	10.317	106	5970224	2374.359	ug/l	79
69) o-Xylene	10.652	106	3602551	1463.851	ug/l	85
73) Isopropylbenzene	10.963	105	241073	36.881	ug/l	97
78) n-propylbenzene	11.305	91	771790	105.189	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	952587	173.375	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	3947788	726.977	ug/l	95
86) p-Isopropyltoluene	12.012	119	22197	3.806	ug/l #	74
89) n-Butylbenzene	12.323	91	67625	13.756	ug/l #	15

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

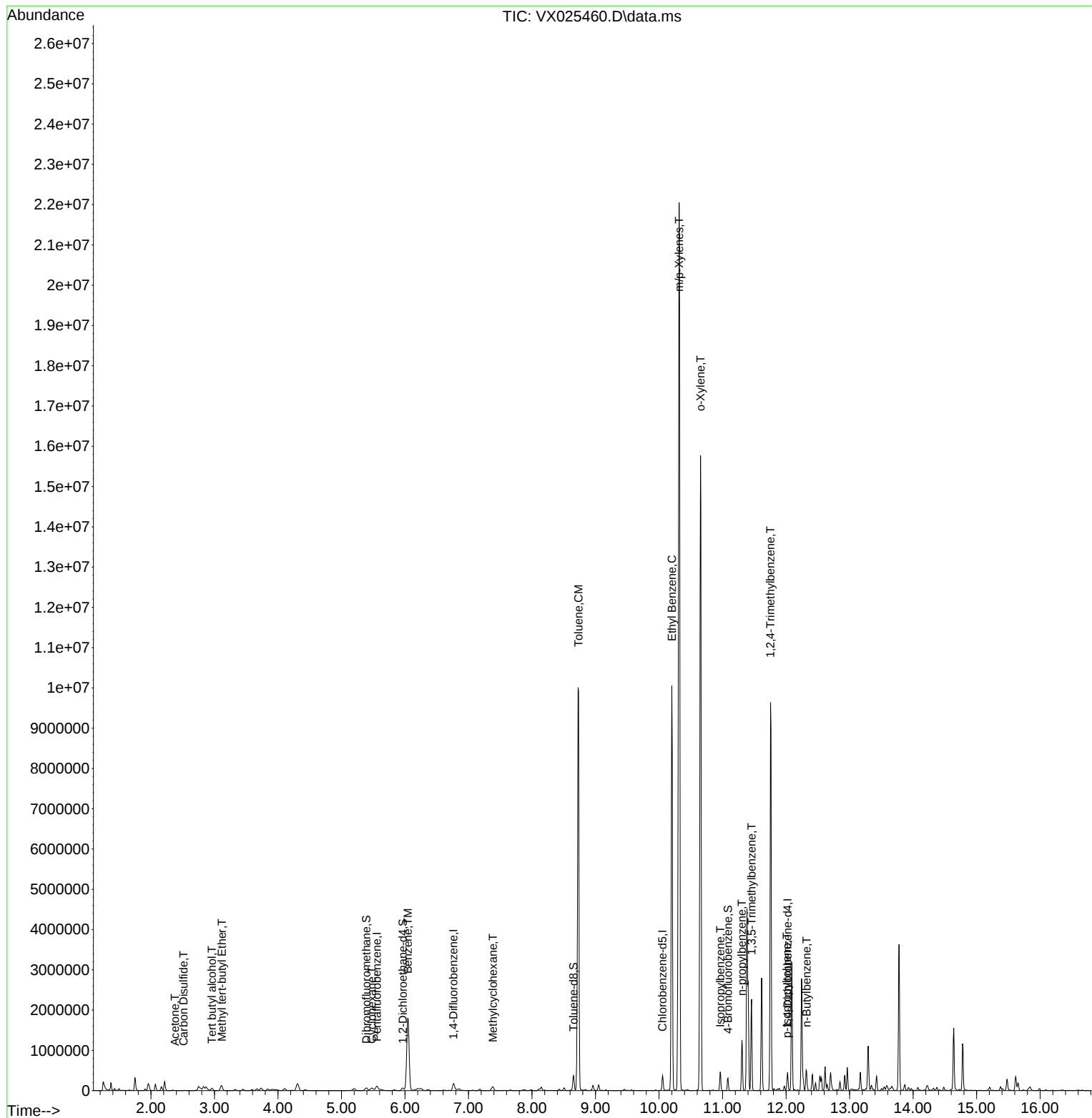
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025460.D
Acq On : 03 Dec 2021 04:27
Operator : JC/MD
Sample : M4918-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

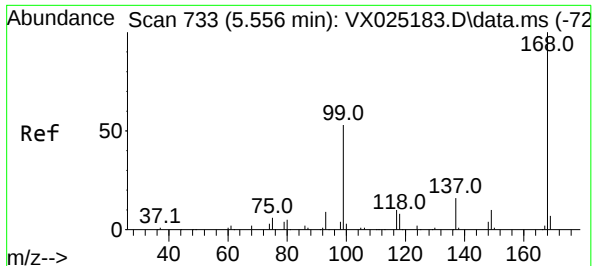
Instrument :
MSVOA_X
ClientSampleId :
MW-39

Manual Integrations
APPROVED

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

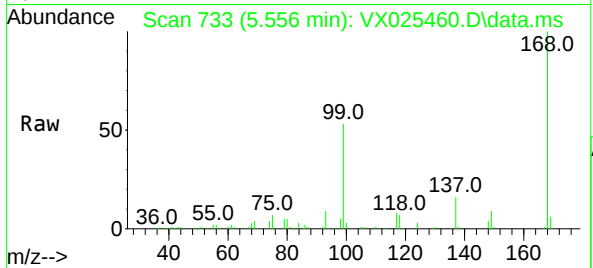
Quant Time: Dec 03 06:16:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27

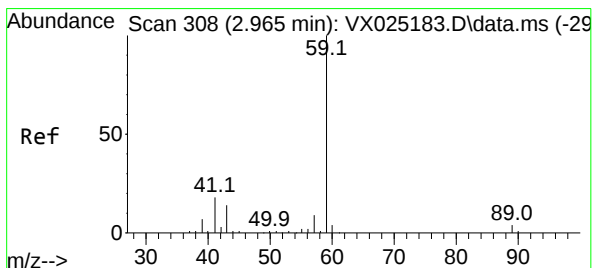
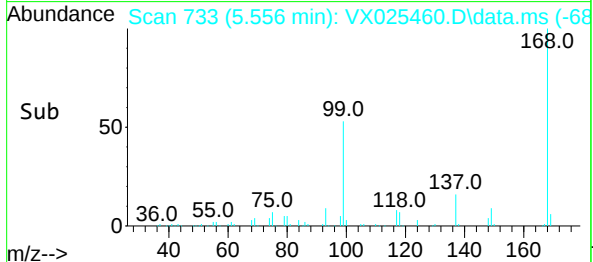
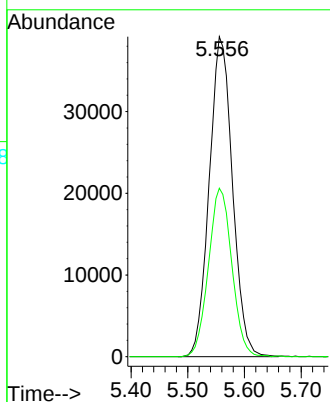
Instrument :
MSVOA_X
ClientSampleId :
MW-39



Tgt Ion:168 Resp: 11140
Ion Ratio Lower Upper
168 100
99 52.6 46.4 69.6

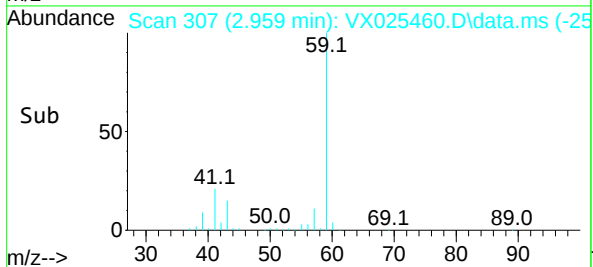
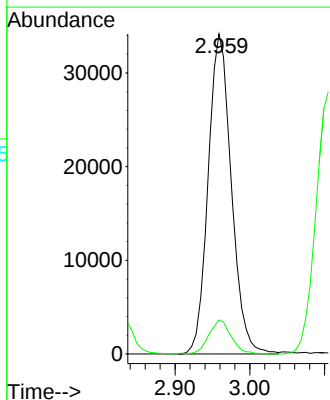
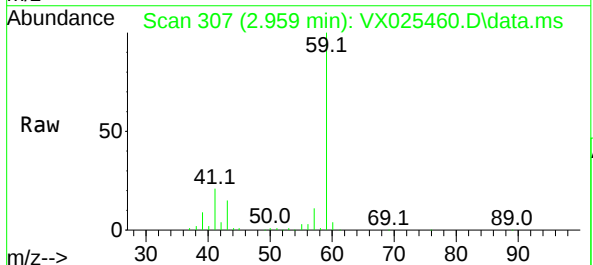
Manual Integrations
APPROVED

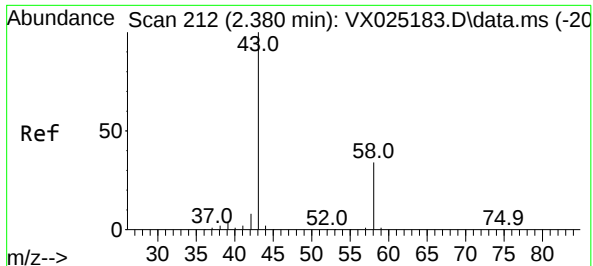
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021



#11
Tert butyl alcohol
Concen: 254.437 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27

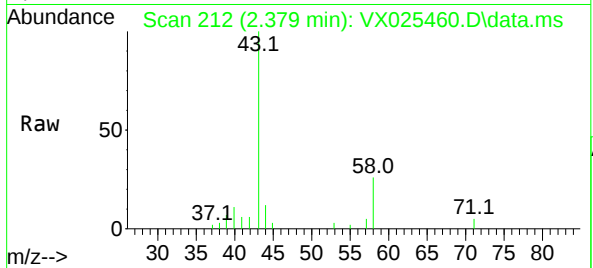
Tgt Ion: 59 Resp: 73860
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7





#16
Acetone
Concen: 5.877 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27

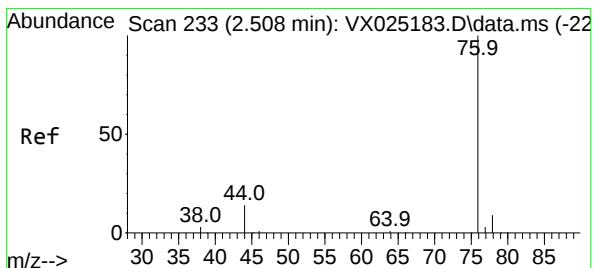
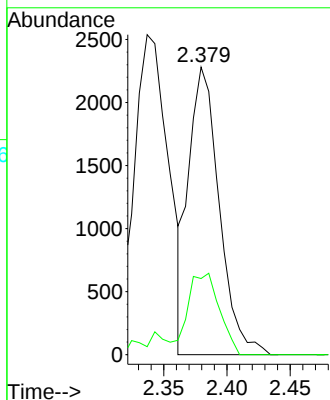
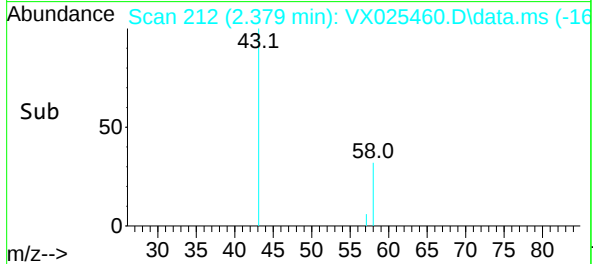
Instrument : MSVOA_X
ClientSampleId : MW-39



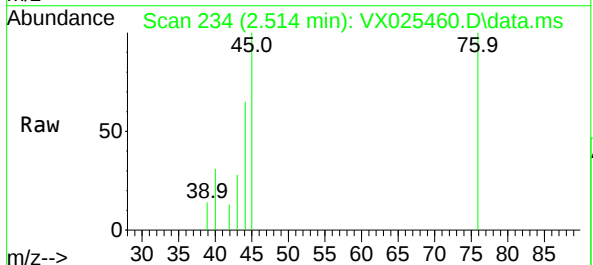
Tgt Ion: 43 Resp: 383
Ion Ratio Lower Upper
43 100
58 26.5 24.0 36.0

Manual Integrations
APPROVED

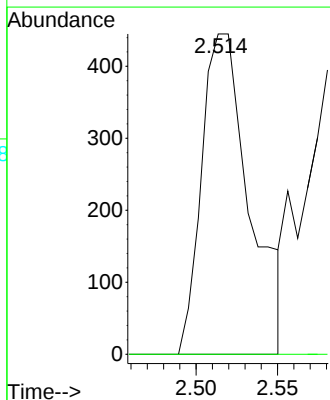
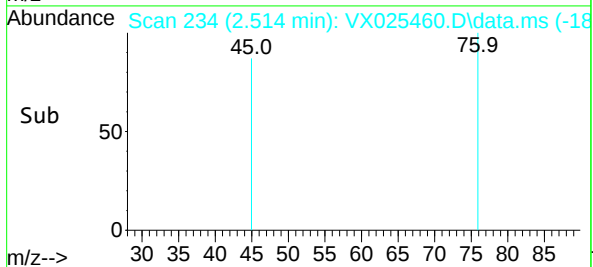
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021

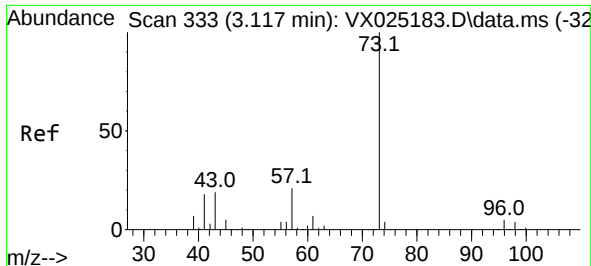


#17
Carbon Disulfide
Concen: 0.314 ug/l m
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27



Tgt Ion: 76 Resp: 913
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#





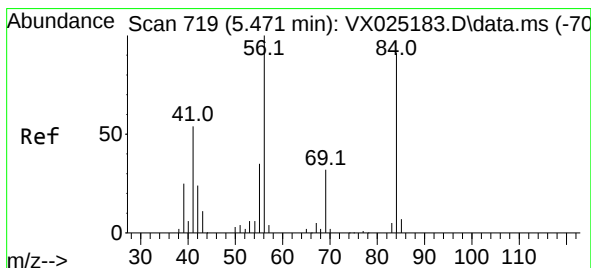
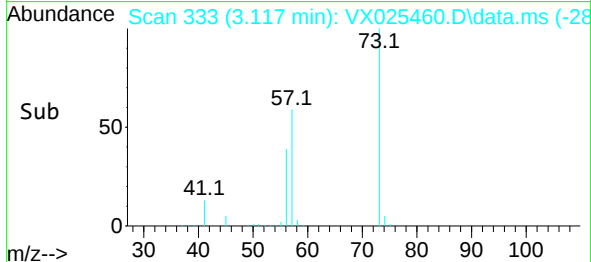
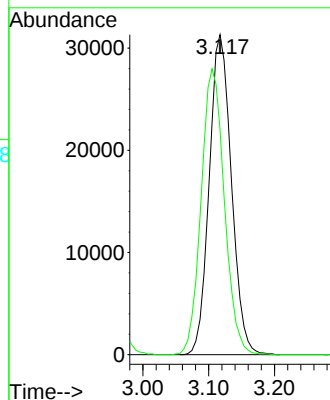
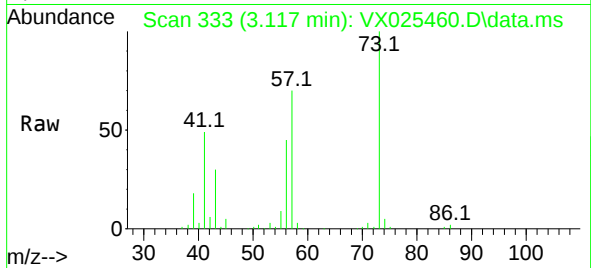
#19
Methyl tert-butyl Ether
Concen: 20.411 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27

Instrument :
MSVOA_X
ClientSampleId :
MW-39

Tgt Ion: 73 Resp: 7343
Ion Ratio Lower Upper
73 100
57 70.4 17.5 26.3

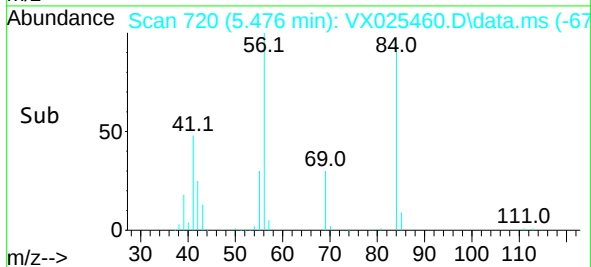
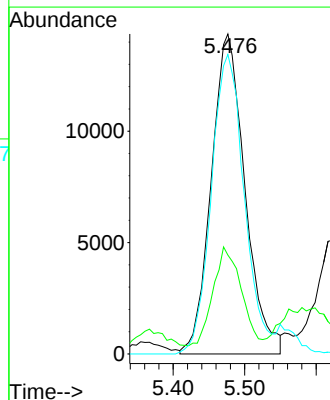
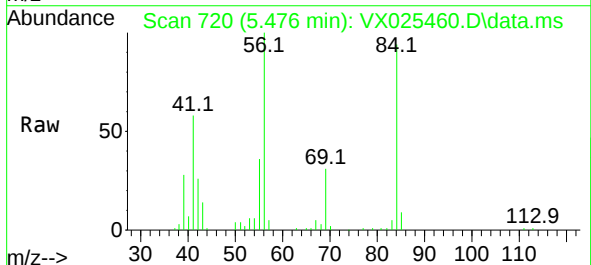
Manual Integrations
APPROVED

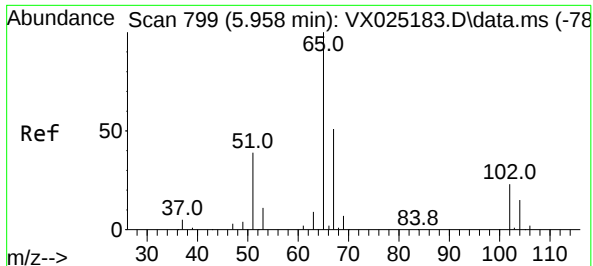
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021



#31
Cyclohexane
Concen: 25.898 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.005 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27

Tgt Ion: 56 Resp: 46994
Ion Ratio Lower Upper
56 100
69 28.4 24.2 36.2
84 94.0 71.5 107.3





#33

1,2-Dichloroethane-d4

Concen: 55.590 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX025460.D

Acq: 03 Dec 2021 04:27

Instrument :

MSVOA_X

ClientSampleId :

MW-39

Tgt Ion: 65 Resp: 6527

Ion Ratio Lower Upper

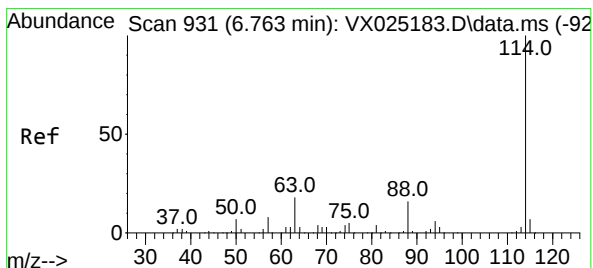
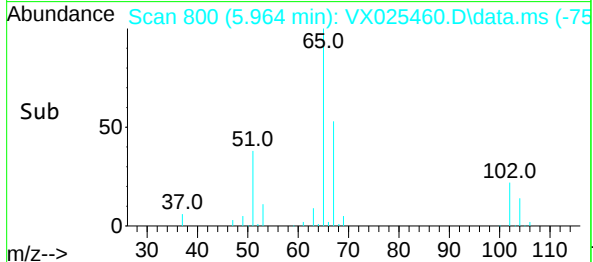
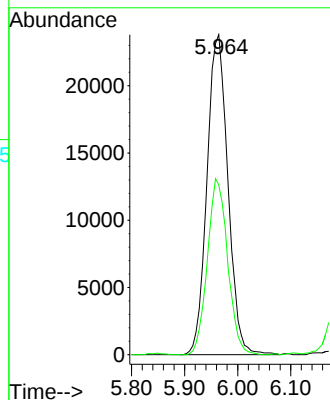
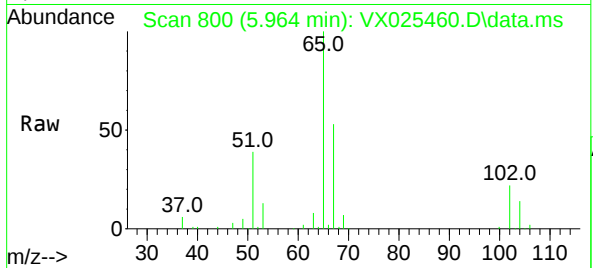
65 100

67 53.2 0.0 101.0

Manual Integrations

APPROVED

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



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025460.D

Acq: 03 Dec 2021 04:27

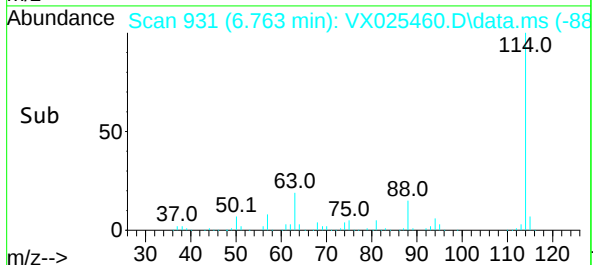
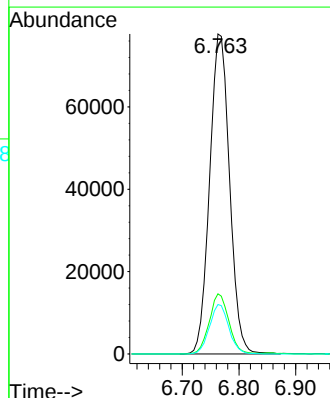
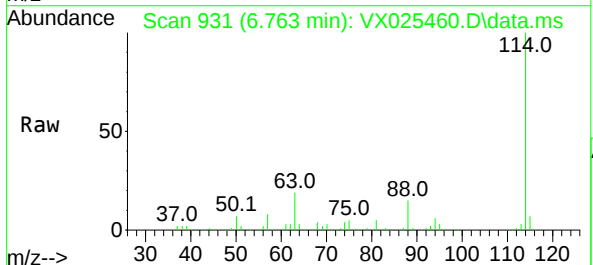
Tgt Ion:114 Resp: 189369

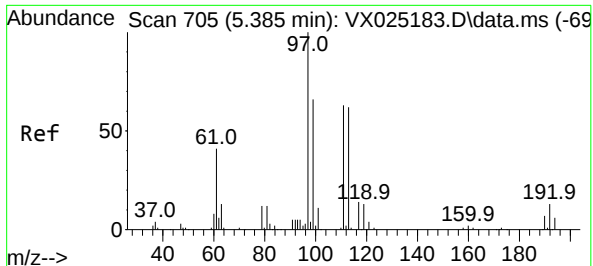
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.0

88 15.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.120 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025460.D

Acq: 03 Dec 2021 04:27

Instrument :

MSVOA_X

ClientSampleId :

MW-39

Tgt Ion:113 Resp: 5823

Ion Ratio Lower Upper

113 100

111 101.2 82.1 123.1

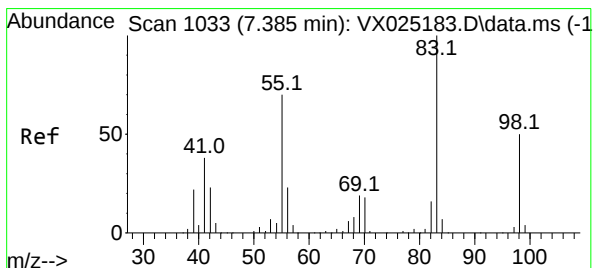
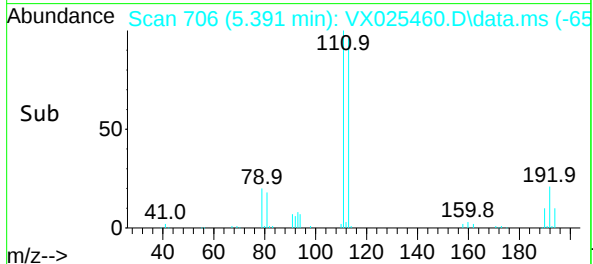
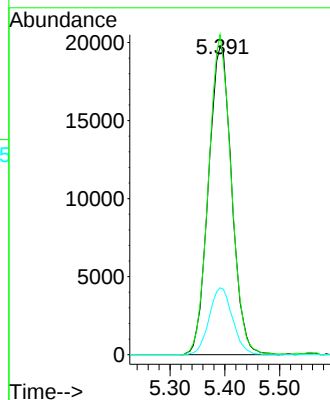
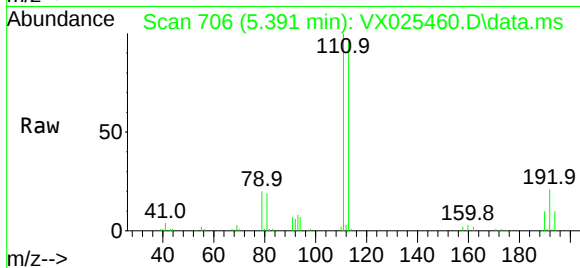
192 21.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/17/2021

Supervised By :Semsettin Yesilyurt 12/17/2021



#39

Methylcyclohexane

Concen: 20.653 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX025460.D

Acq: 03 Dec 2021 04:27

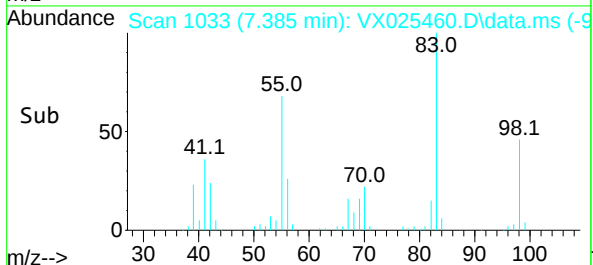
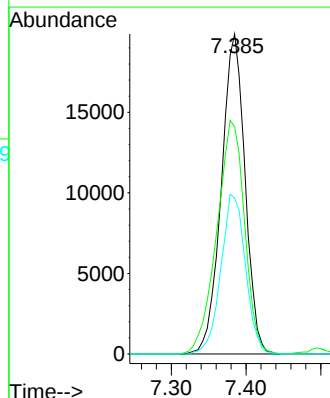
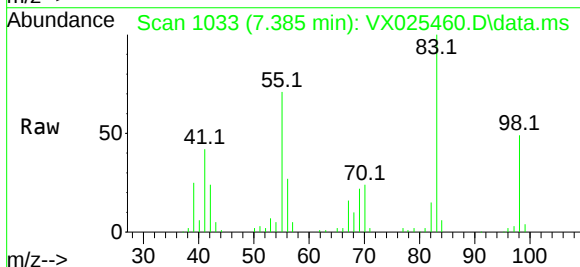
Tgt Ion: 83 Resp: 43769

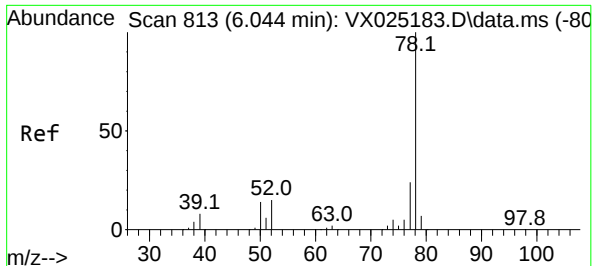
Ion Ratio Lower Upper

83 100

55 71.1 60.8 91.2

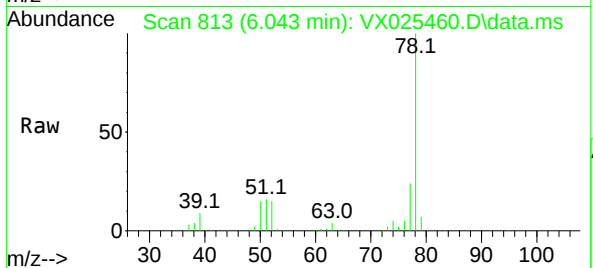
98 48.7 37.0 55.4





#40
Benzene
Concen: 443.471 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27

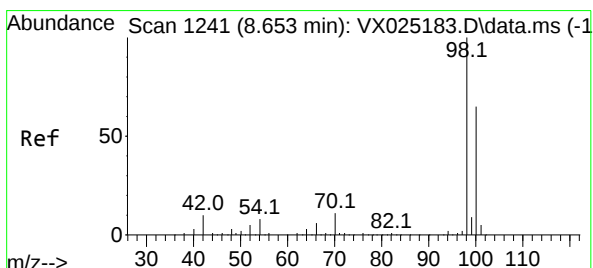
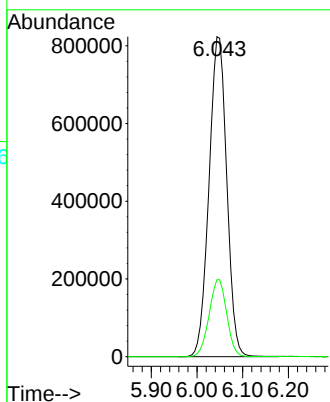
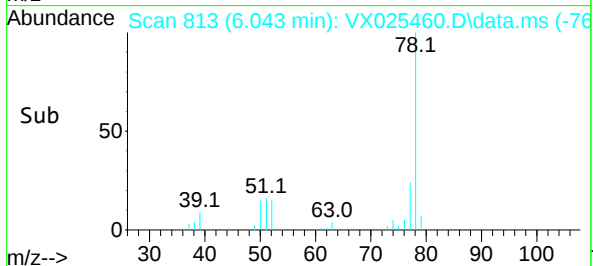
Instrument :
MSVOA_X
ClientSampleId :
MW-39



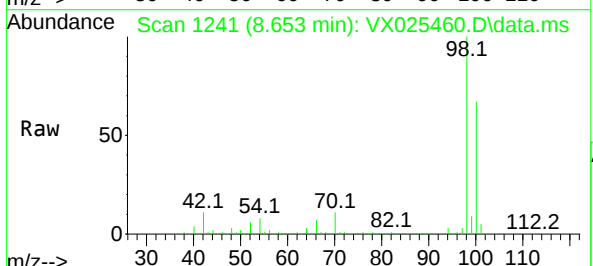
Tgt Ion: 78 Resp: 2219536
Ion Ratio Lower Upper
78 100
77 24.1 18.3 27.5

Manual Integrations
APPROVED

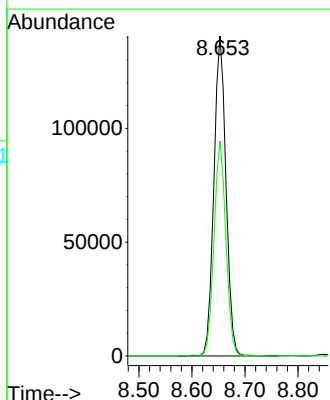
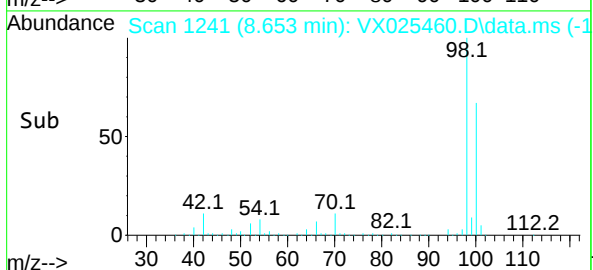
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021

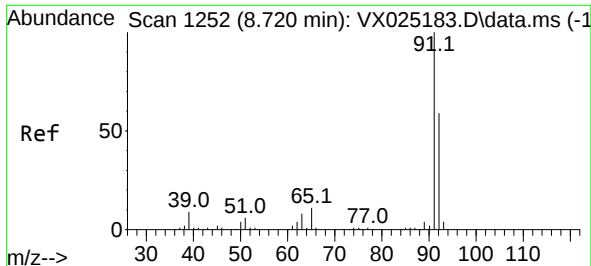


#50
Toluene-d8
Concen: 50.894 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27



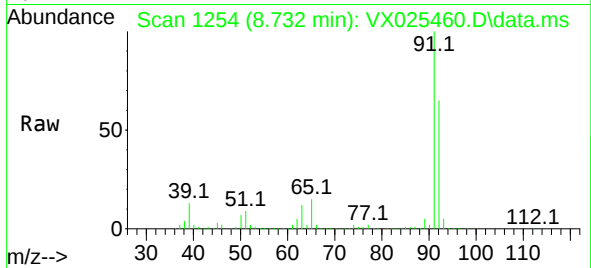
Tgt Ion: 98 Resp: 222336
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.0





#52
Toluene
Concen: 1175.524 ug/l
RT: 8.732 min Scan# 1175
Delta R.T. 0.012 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27

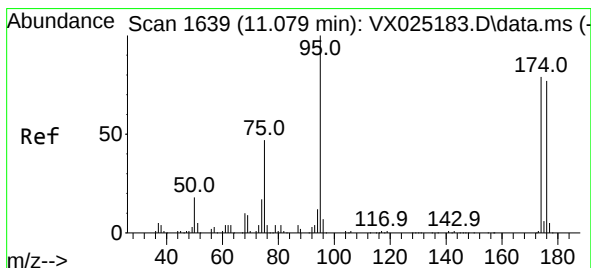
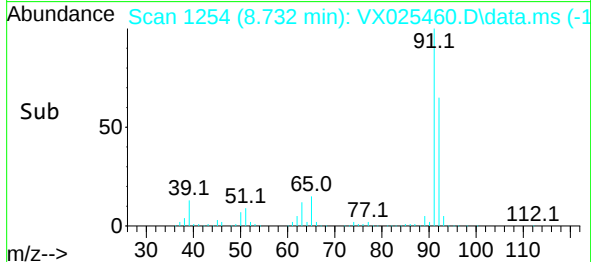
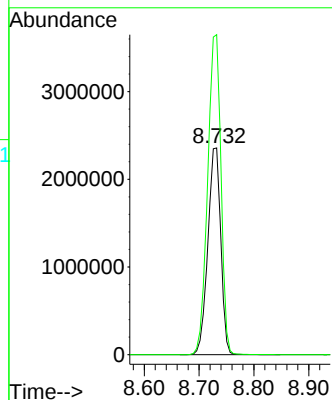
Instrument :
MSVOA_X
ClientSampleId :
MW-39



Tgt Ion: 92 Resp: 3841075
Ion Ratio Lower Upper
92 100
91 159.8 138.6 208.0

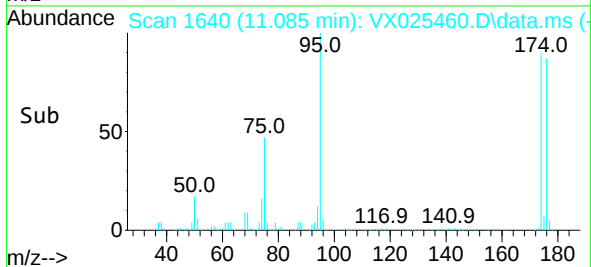
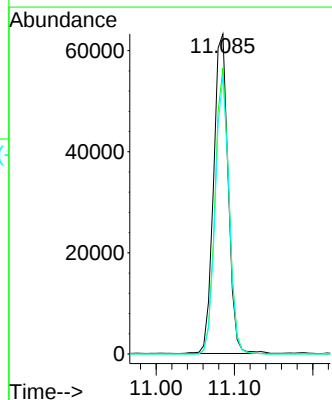
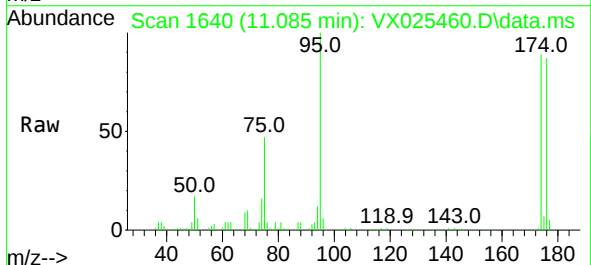
Manual Integrations
APPROVED

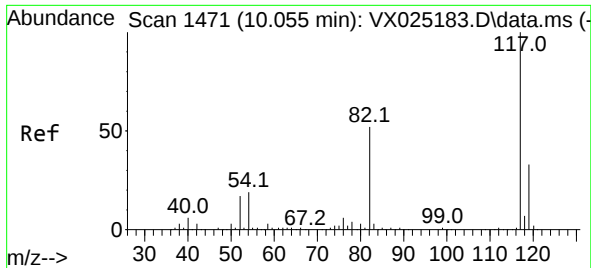
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021



#62
4-Bromofluorobenzene
Concen: 49.459 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27

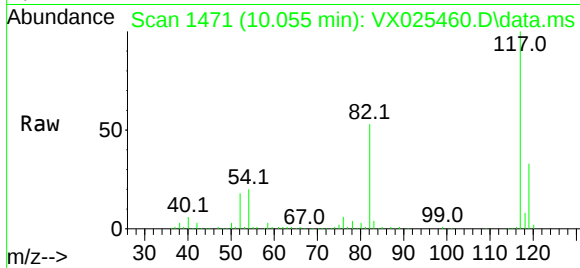
Tgt Ion: 95 Resp: 81741
Ion Ratio Lower Upper
95 100
174 85.7 0.0 158.0
176 82.2 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27

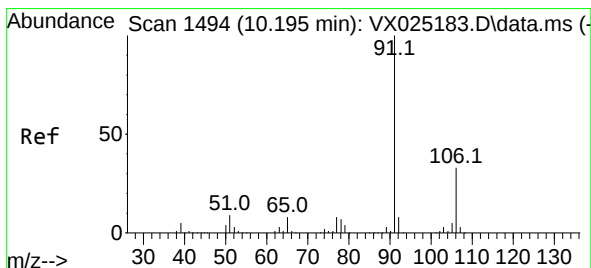
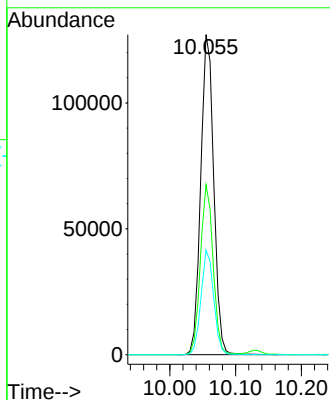
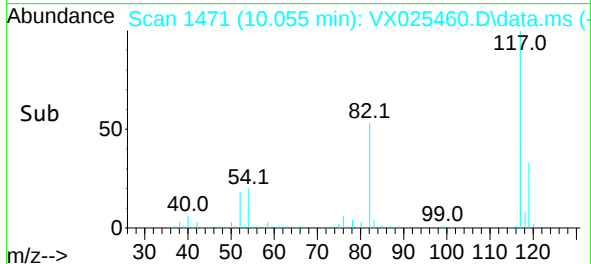
Instrument :
MSVOA_X
ClientSampleId :
MW-39



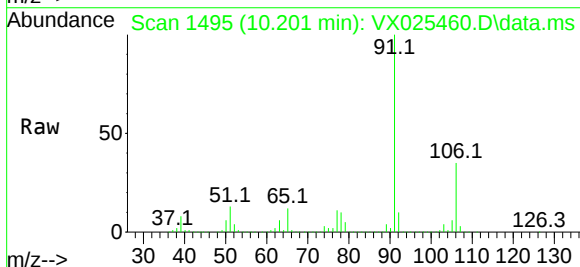
Tgt Ion:117 Resp: 174809
Ion Ratio Lower Upper
117 100
82 53.0 44.6 67.0
119 32.6 24.8 37.2

Manual Integrations
APPROVED

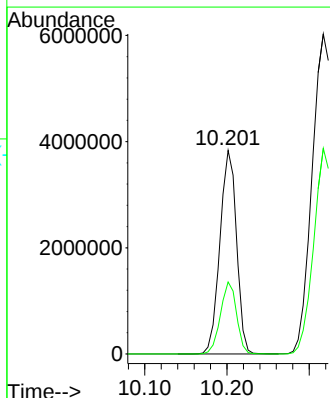
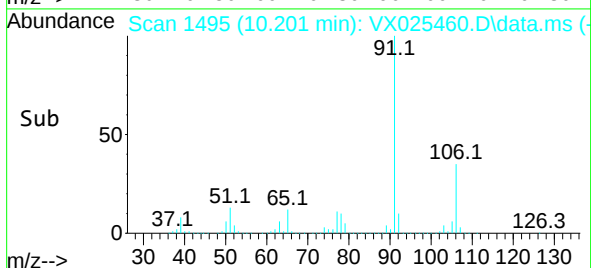
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021

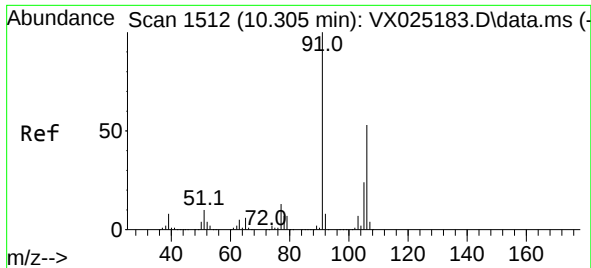


#67
Ethyl Benzene
Concen: 875.232 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27



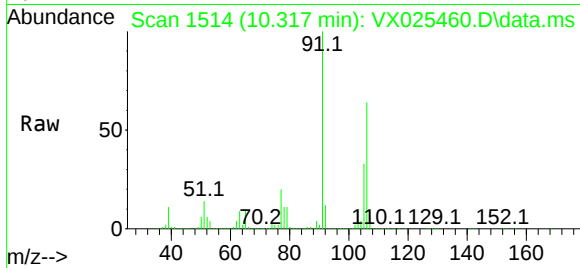
Tgt Ion: 91 Resp: 5387927
Ion Ratio Lower Upper
91 100
106 35.4 24.7 37.1





#68
m/p-Xylenes
Concen: 2374.359 ug/l
RT: 10.317 min Scan# 1512
Delta R.T. 0.012 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27

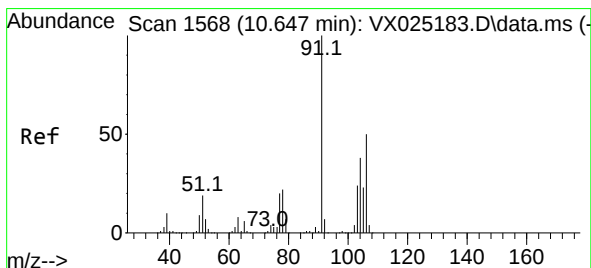
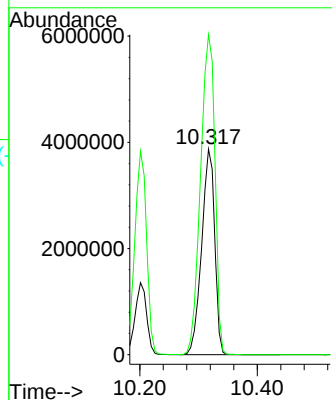
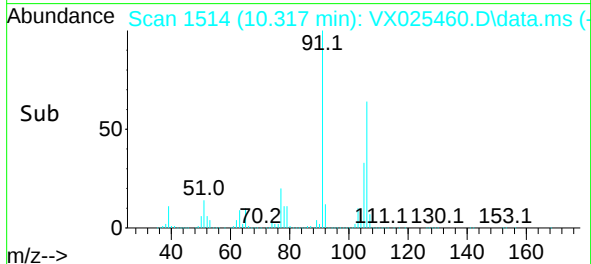
Instrument :
MSVOA_X
ClientSampleId :
MW-39



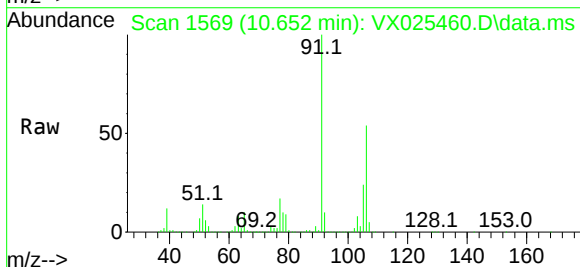
Tgt Ion:106 Resp: 5970224
Ion Ratio Lower Upper
106 100
91 172.1 163.4 245.0

Manual Integrations
APPROVED

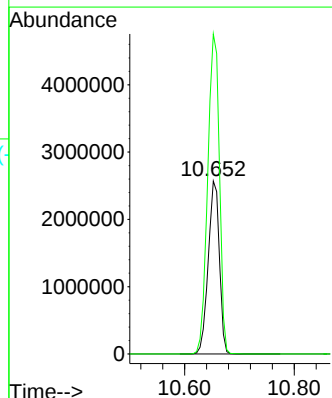
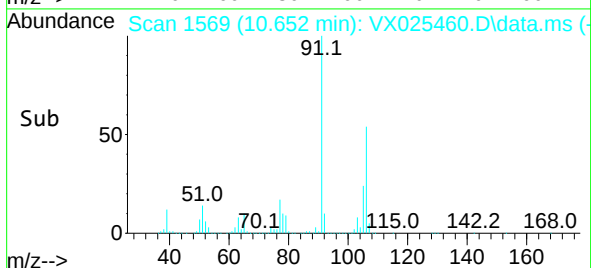
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021

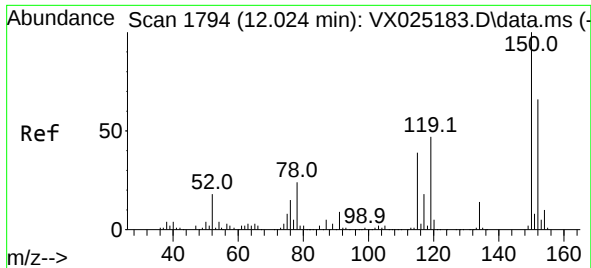


#69
o-Xylene
Concen: 1463.851 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.005 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27



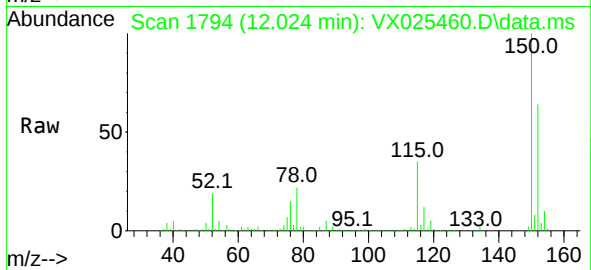
Tgt Ion:106 Resp: 3602551
Ion Ratio Lower Upper
106 100
91 195.2 109.5 328.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27

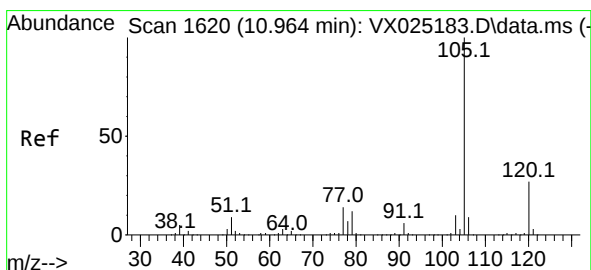
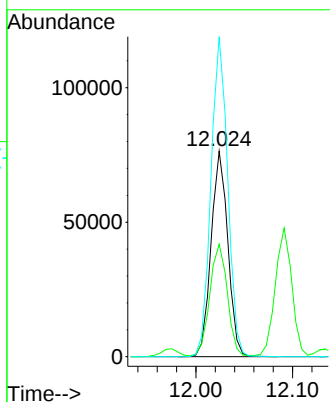
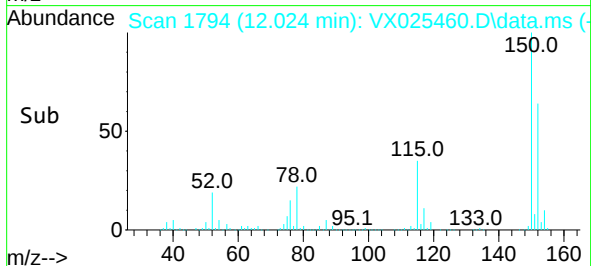
Instrument :
MSVOA_X
ClientSampleId :
MW-39



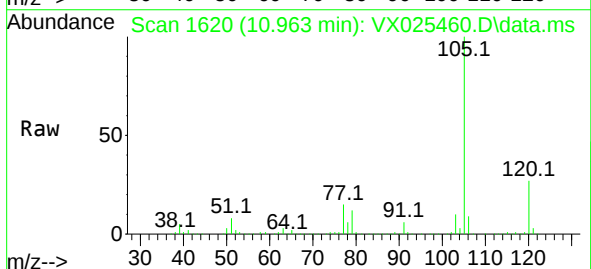
Tgt Ion:152 Resp: 91710
Ion Ratio Lower Upper
152 100
115 56.5 43.3 129.8
150 155.8 0.0 351.2

Manual Integrations
APPROVED

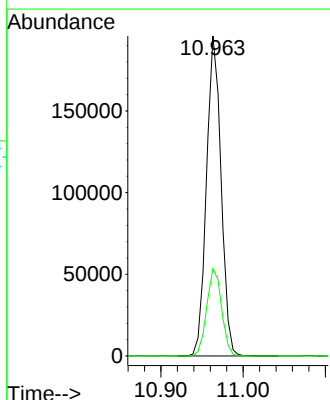
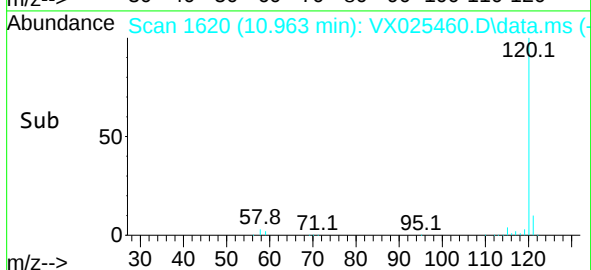
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021

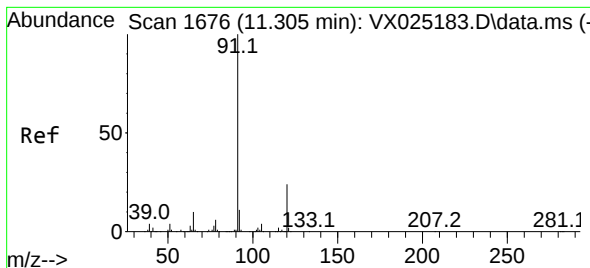


#73
Isopropylbenzene
Concen: 36.881 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27



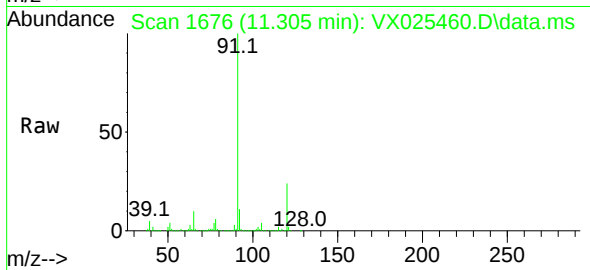
Tgt Ion:105 Resp: 241073
Ion Ratio Lower Upper
105 100
120 27.8 13.3 39.8





#78
n-propylbenzene
Concen: 105.189 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27

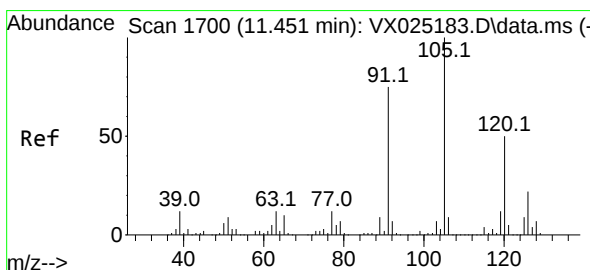
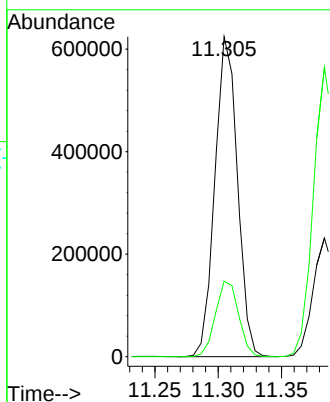
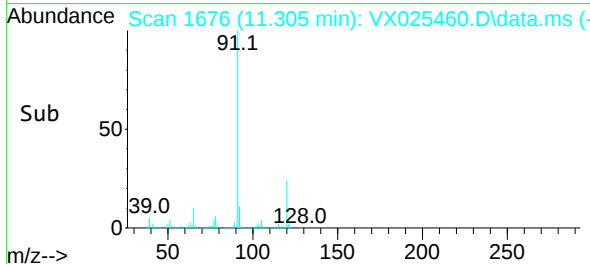
Instrument :
MSVOA_X
ClientSampleId :
MW-39



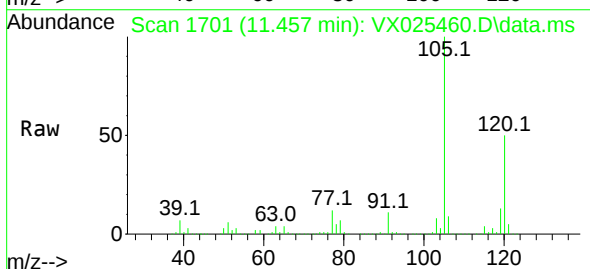
Tgt Ion: 91 Resp: 771790
Ion Ratio Lower Upper
91 100
120 24.2 11.7 35.0

Manual Integrations
APPROVED

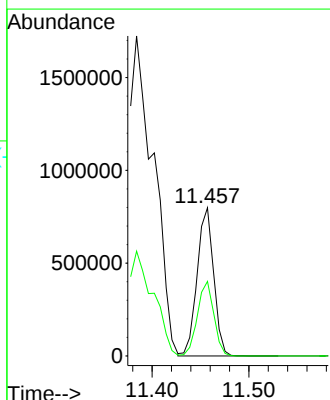
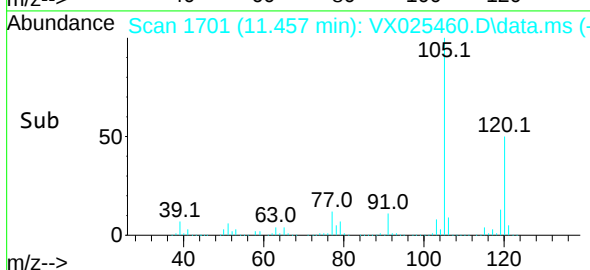
Reviewed By :Mahesh Dadoda 12/17/2021
Supervised By :Semsettin Yesilyurt 12/17/2021

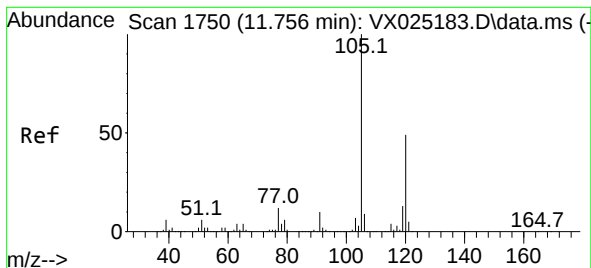


#80
1,3,5-Trimethylbenzene
Concen: 173.375 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025460.D
Acq: 03 Dec 2021 04:27



Tgt Ion:105 Resp: 952587
Ion Ratio Lower Upper
105 100
120 50.0 23.8 71.5





#84

1,2,4-Trimethylbenzene

Concen: 726.977 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX025460.D

Acq: 03 Dec 2021 04:27

Instrument :

MSVOA_X

ClientSampleId :

MW-39

Tgt Ion:105 Resp: 394778

Ion Ratio Lower Upper

105 100

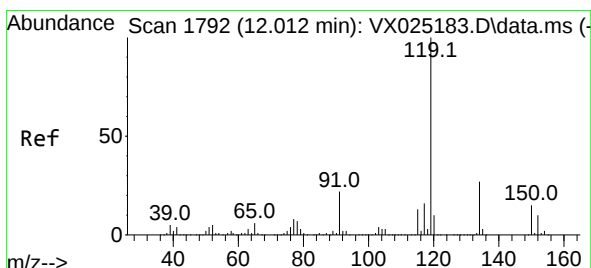
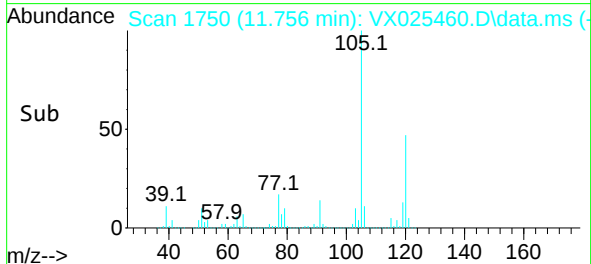
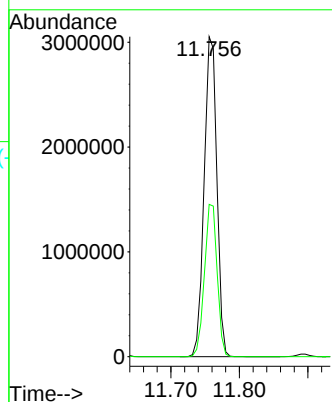
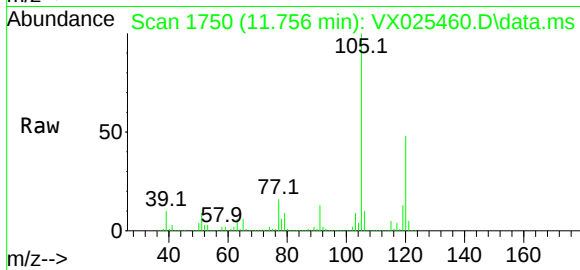
120 47.6 22.1 66.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/17/2021

Supervised By :Semsettin Yesilyurt 12/17/2021



#86

p-Isopropyltoluene

Concen: 3.806 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX025460.D

Acq: 03 Dec 2021 04:27

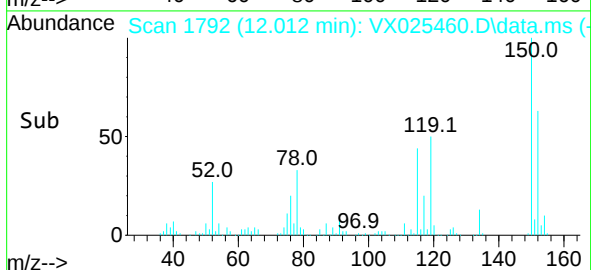
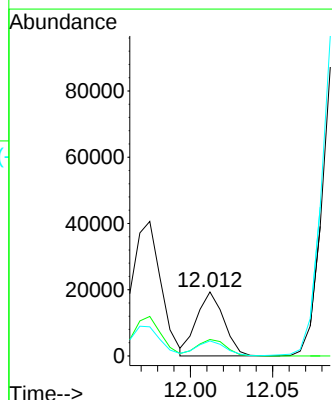
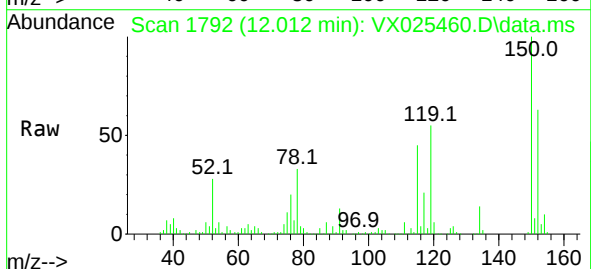
Tgt Ion:119 Resp: 22197

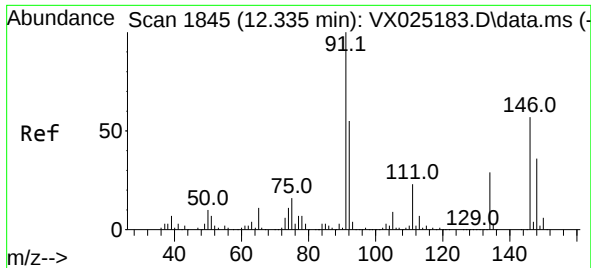
Ion Ratio Lower Upper

119 100

134 28.0 13.2 39.5

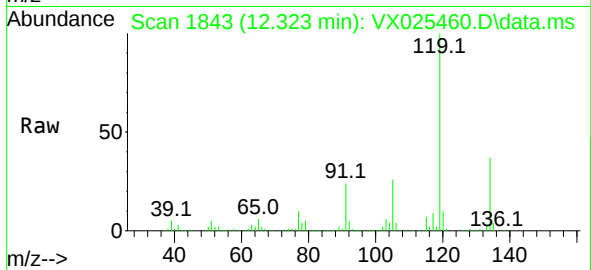
91 0.0 12.4 37.0#





#89
 n-Butylbenzene
 Concen: 13.756 ug/l
 RT: 12.323 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: VX025460.D
 Acq: 03 Dec 2021 04:27

Instrument : MSVOA_X
 ClientSampleId : MW-39



Tgt Ion: 91 Resp: 67625

Ion	Ratio	Lower	Upper
91	100		
92	30.3	26.3	78.8
134	124.4	13.0	38.9

Manual Integrations
 APPROVED

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

