

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062822\
 Data File : VX029843.D
 Acq On : 28 Jun 2022 20:59
 Operator : JC/MD
 Sample : N3494-24
 Misc : 6.27g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-EXC-1-3-GR

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
 Supervised By :Semsettin Yesilyurt 06/30/2022

Quant Time: Jun 29 06:08:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	264934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	443650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	364108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	186220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138956	41.435	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.860%		
35) Dibromofluoromethane	5.391	113	118962	42.907	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.820%		
50) Toluene-d8	8.653	98	506032	48.651	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.300%		
62) 4-Bromofluorobenzene	11.085	95	178894	48.656	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.320%		
Target Compounds					Qvalue	
16) Acetone	2.428	43	30200	18.407	ug/l	95
18) Methyl Acetate	2.727	43	12337	2.439	ug/l	98
31) Cyclohexane	5.464	56	27228	5.823	ug/l	95
39) Methylcyclohexane	7.379	83	94454	21.185	ug/l	95
40) Benzene	6.037	78	2333403	195.691	ug/l	99
52) Toluene	8.720	92	15027	2.088	ug/l	97
65) Chlorobenzene	10.092	112	11395465	1559.101	ug/l #	81
67) Ethyl Benzene	10.201	91	45785	3.601	ug/l	100
68) m/p-Xylenes	10.305	106	18081	3.708	ug/l	99
69) o-Xylene	10.646	106	11695	2.368	ug/l	95
73) Isopropylbenzene	10.963	105	24427	1.813	ug/l	100
78) n-propylbenzene	11.311	91	50977	3.208	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	35792	3.200	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	108385	9.672	ug/l	96
85) sec-Butylbenzene	11.896	105	70847	5.071	ug/l	87
86) p-Isopropyltoluene	12.012	119	55705	4.996	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	98362m	15.807	ug/l	
88) 1,4-Dichlorobenzene	12.048	146	334951	52.753	ug/l	97
91) 1,2-Dichlorobenzene	12.347	146	10156982	1661.491	ug/l	90
95) Naphthalene	13.780	128	3192392	212.250	ug/l	96

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

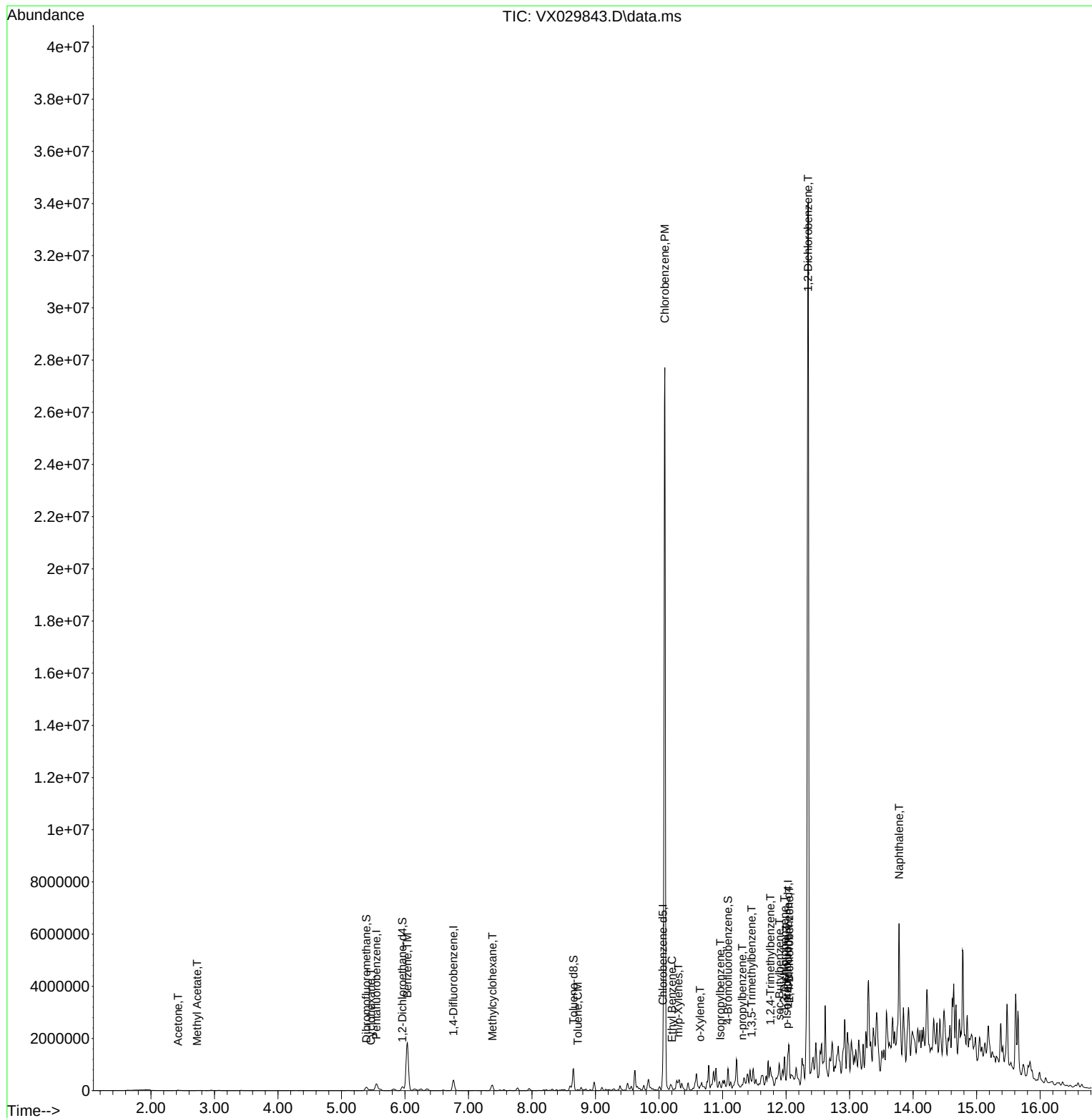
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062822\
Data File : VX029843.D
Acq On : 28 Jun 2022 20:59
Operator : JC/MD
Sample : N3494-24
Misc : 6.27g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 18 Sample Multiplier: 1

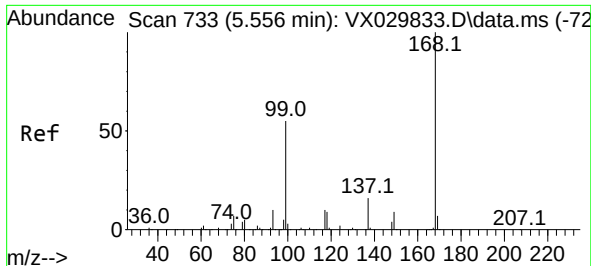
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-3-GR

Quant Time: Jun 29 06:08:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

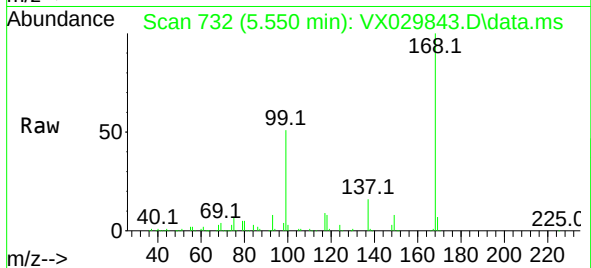
Reviewed By :Mahesh Dadoda 06/30/2022
Supervised By :Semsettin Yesilyurt 06/30/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59

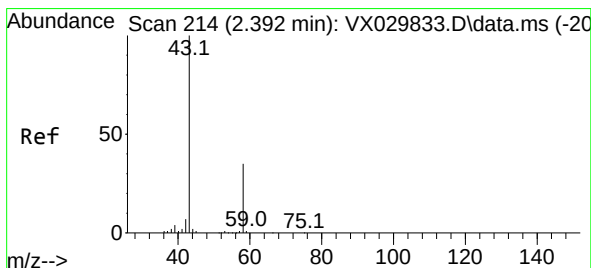
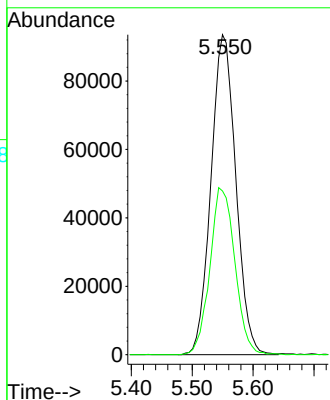
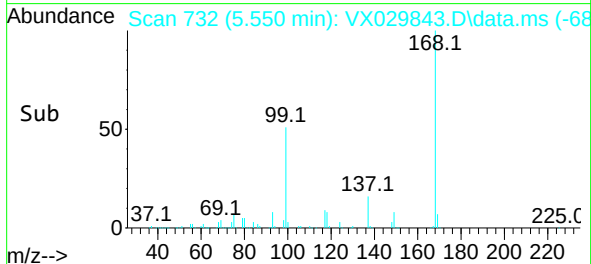
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-3-GR



Tgt Ion:168 Resp: 264934
Ion Ratio Lower Upper
168 100
99 51.1 44.0 66.0

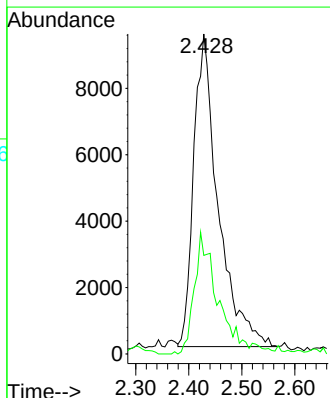
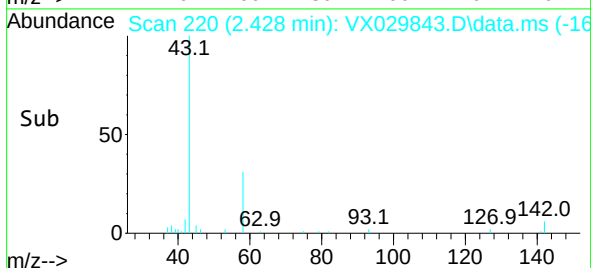
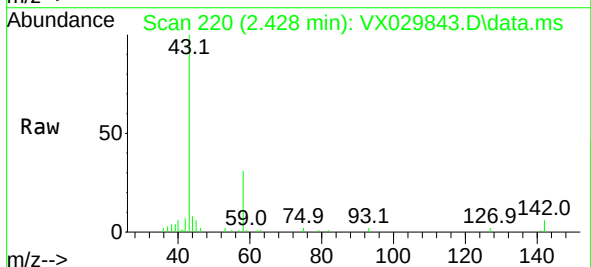
Manual Integrations
APPROVED

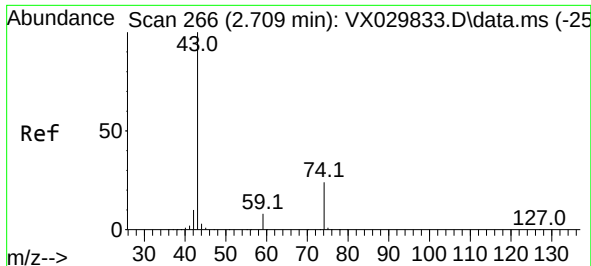
Reviewed By :Mahesh Dadoda 06/30/2022
Supervised By :Semsettin Yesilyurt 06/30/2022



#16
Acetone
Concen: 18.407 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.037 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59

Tgt Ion: 43 Resp: 30200
Ion Ratio Lower Upper
43 100
58 31.5 27.7 41.5





#18

Methyl Acetate

Concen: 2.439 ug/l

RT: 2.727 min Scan# 2

Delta R.T. 0.018 min

Lab File: VX029843.D

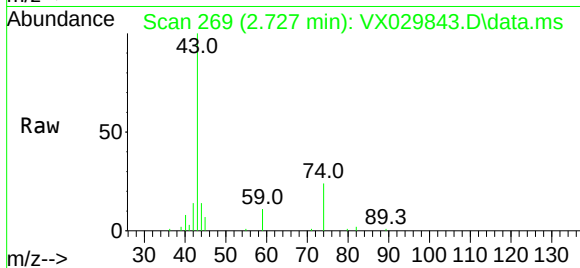
Acq: 28 Jun 2022 20:59

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-1-3-GR



Tgt Ion: 43 Resp: 1233

Ion Ratio Lower Upper

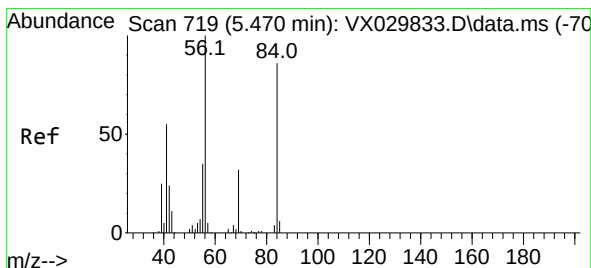
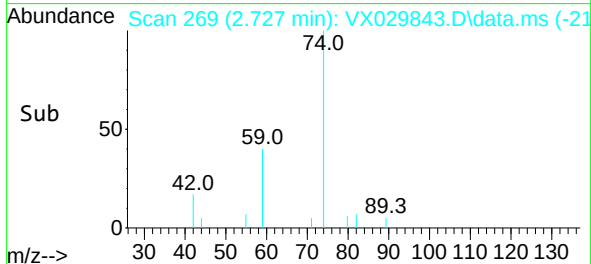
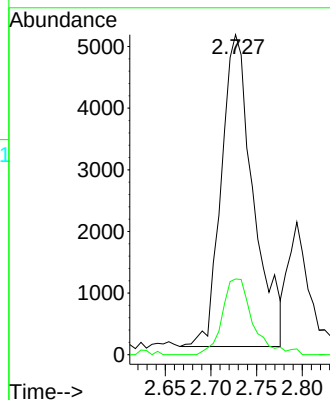
43 100

74 23.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
Supervised By :Semsettin Yesilyurt 06/30/2022



#31

Cyclohexane

Concen: 5.823 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX029843.D

Acq: 28 Jun 2022 20:59

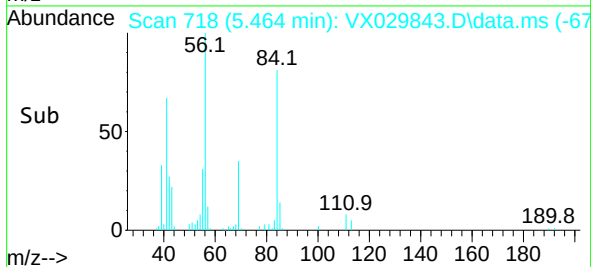
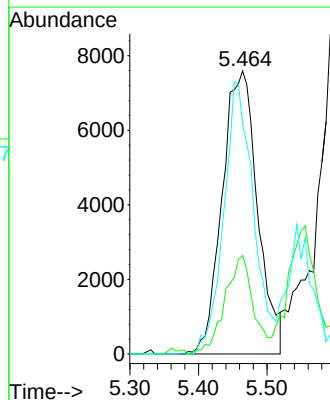
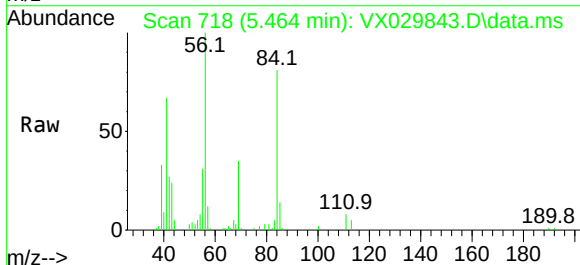
Tgt Ion: 56 Resp: 27228

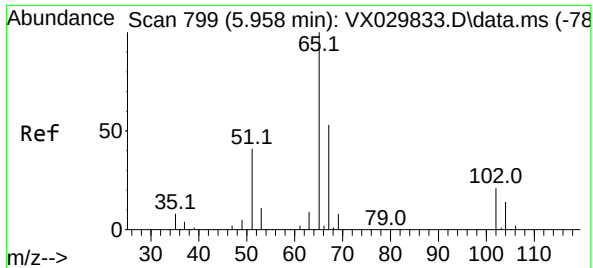
Ion Ratio Lower Upper

56 100

69 33.7 25.4 38.0

84 81.3 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 41.435 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029843.D

Acq: 28 Jun 2022 20:59

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-1-3-GR

Tgt Ion: 65 Resp: 138950

Ion Ratio Lower Upper

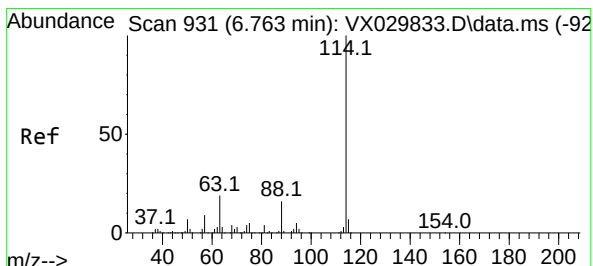
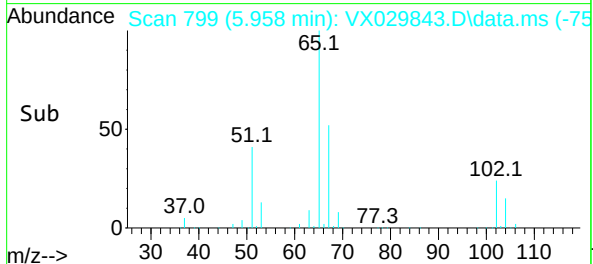
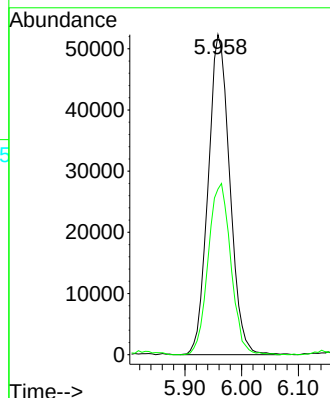
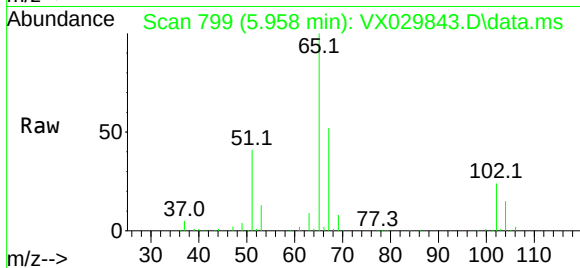
65 100

67 55.9 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
Supervised By :Semsettin Yesilyurt 06/30/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029843.D

Acq: 28 Jun 2022 20:59

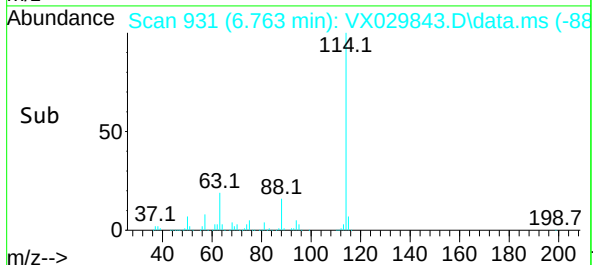
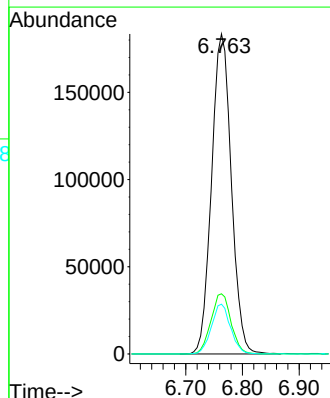
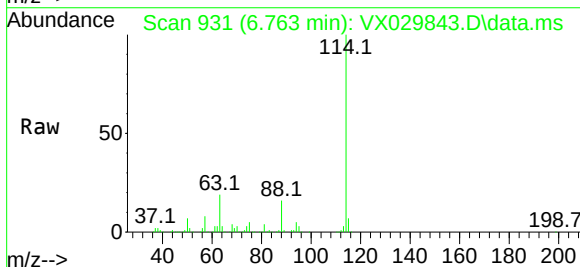
Tgt Ion:114 Resp: 443650

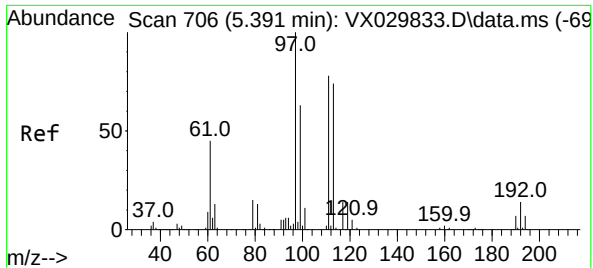
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

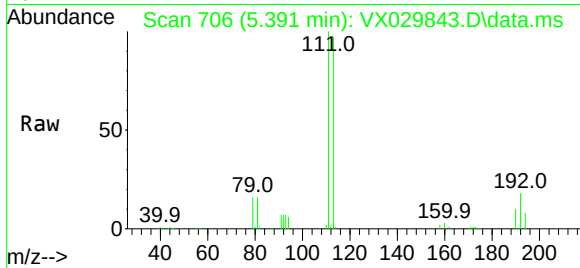
88 15.6 0.0 31.8





#35
Dibromofluoromethane
Concen: 42.907 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59

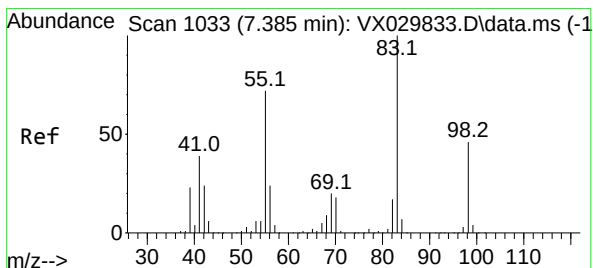
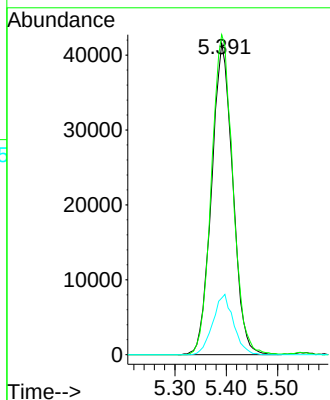
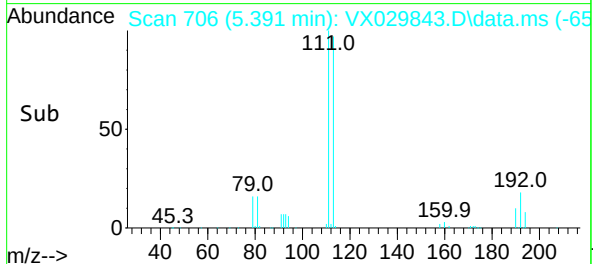
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-3-GR



Tgt Ion: 113 Resp: 118962
Ion Ratio Lower Upper
113 100
111 103.8 83.2 124.8
192 18.9 14.8 22.2

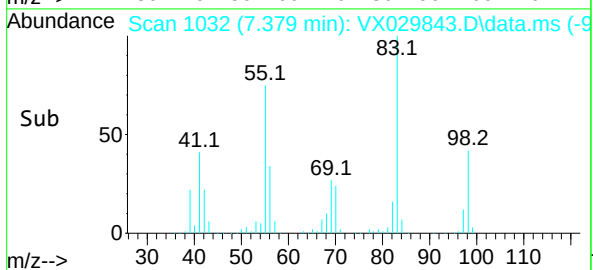
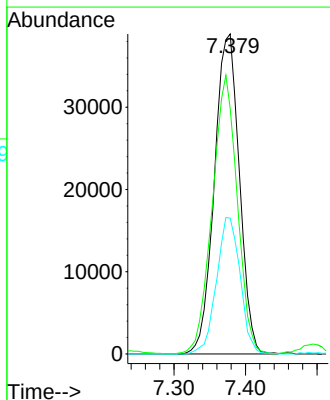
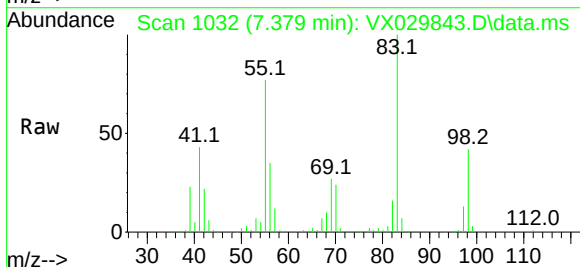
Manual Integrations
APPROVED

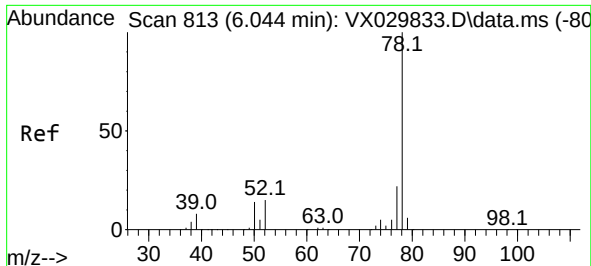
Reviewed By :Mahesh Dadoda 06/30/2022
Supervised By :Semsettin Yesilyurt 06/30/2022



#39
Methylcyclohexane
Concen: 21.185 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59

Tgt Ion: 83 Resp: 94454
Ion Ratio Lower Upper
83 100
55 76.5 57.7 86.5
98 42.4 36.5 54.7





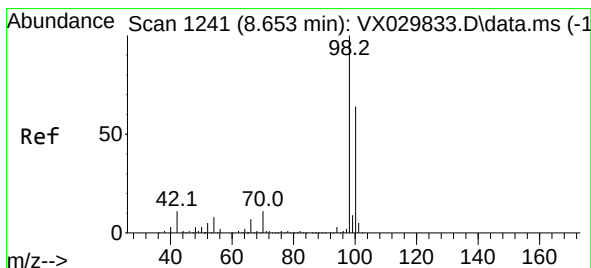
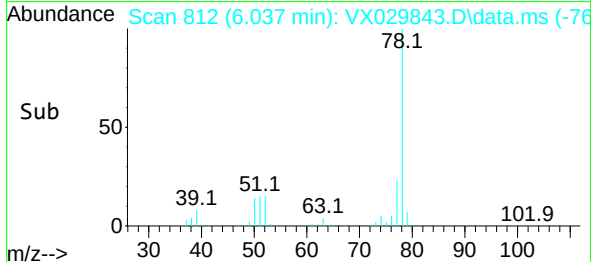
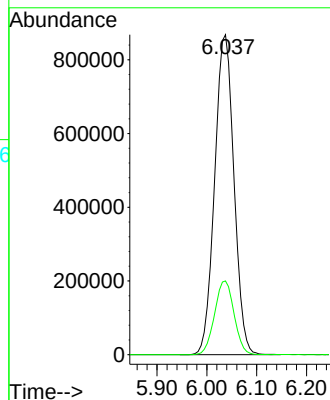
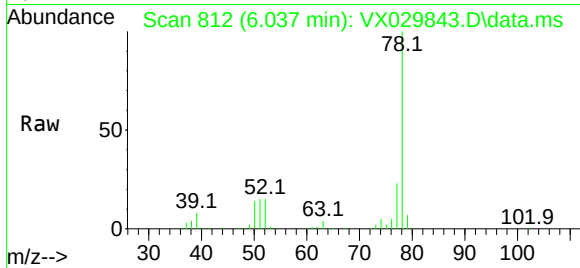
#40
Benzene
Concen: 195.691 ug/l
RT: 6.037 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59

Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-3-GR

Tgt Ion: 78 Resp: 233340
Ion Ratio Lower Upper
78 100
77 23.0 18.0 27.0

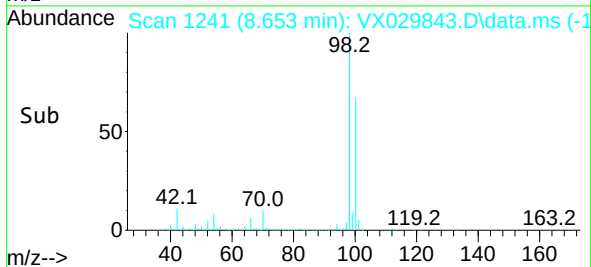
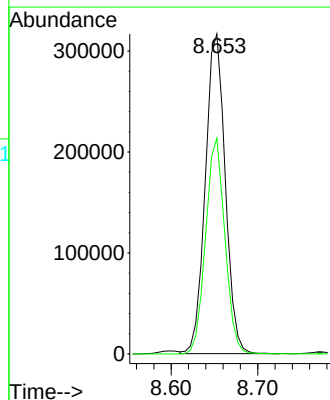
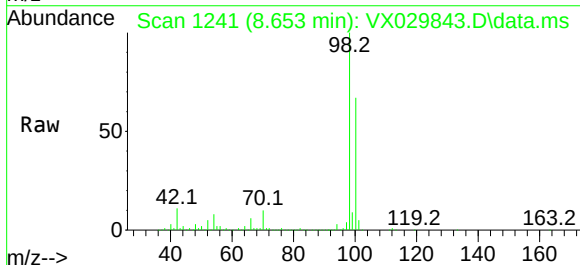
Manual Integrations
APPROVED

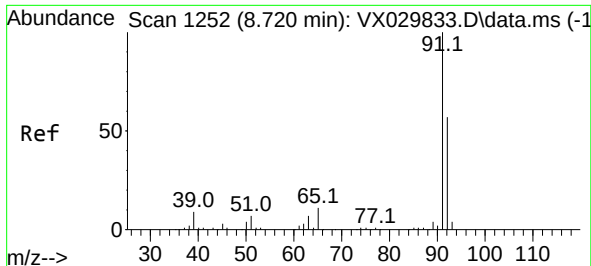
Reviewed By :Mahesh Dadoda 06/30/2022
Supervised By :Semsettin Yesilyurt 06/30/2022



#50
Toluene-d8
Concen: 48.651 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59

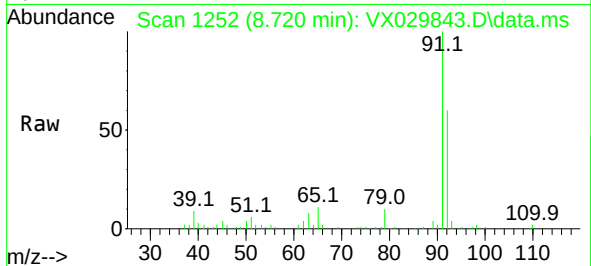
Tgt Ion: 98 Resp: 506032
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5





#52
Toluene
Concen: 2.088 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59

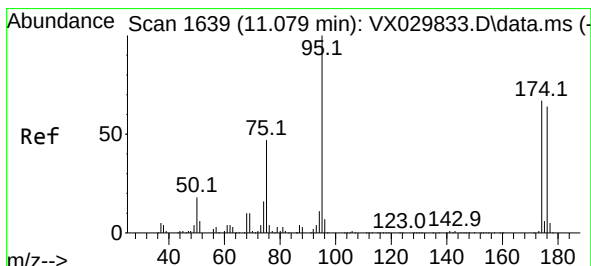
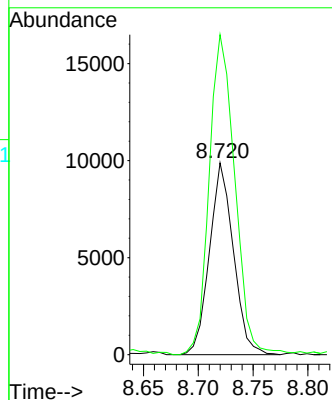
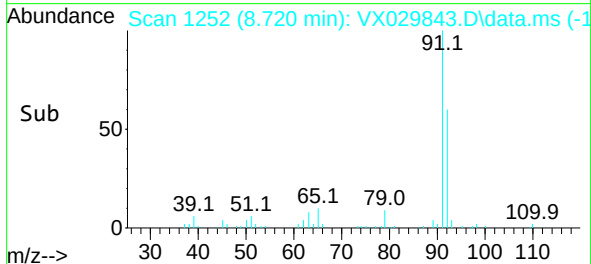
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-3-GR



Tgt Ion: 92 Resp: 1502
Ion Ratio Lower Upper
92 100
91 178.3 139.2 208.8

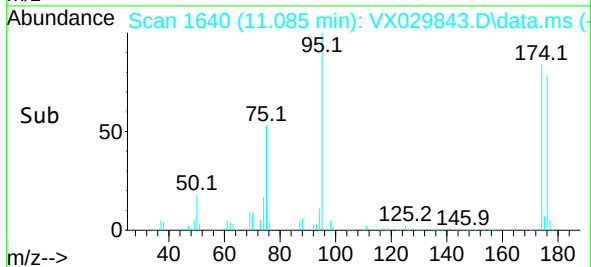
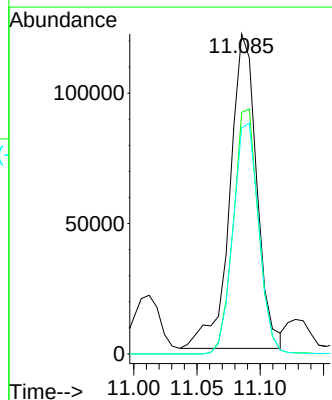
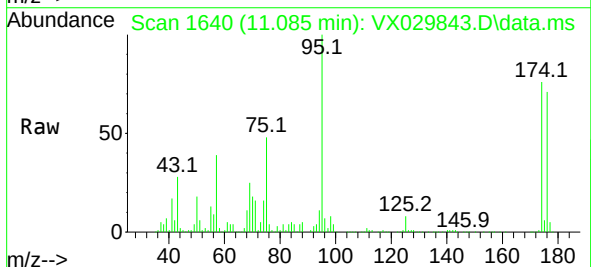
Manual Integrations
APPROVED

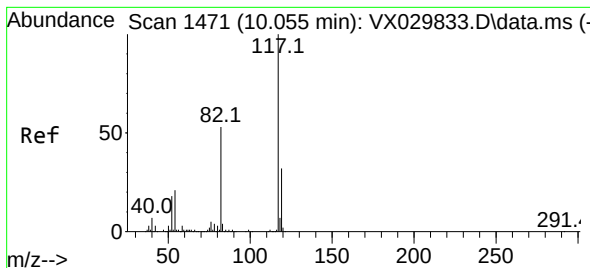
Reviewed By :Mahesh Dadoda 06/30/2022
Supervised By :Semsettin Yesilyurt 06/30/2022



#62
4-Bromofluorobenzene
Concen: 48.656 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59

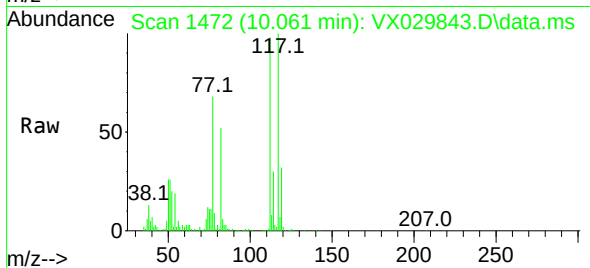
Tgt Ion: 95 Resp: 178894
Ion Ratio Lower Upper
95 100
174 72.6 0.0 149.0
176 70.5 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59

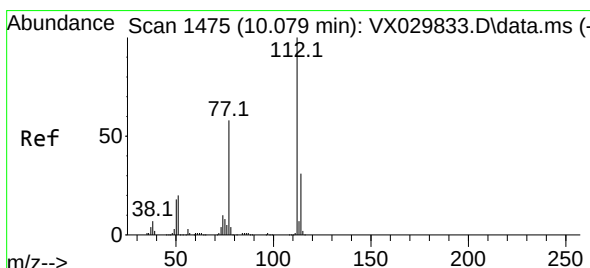
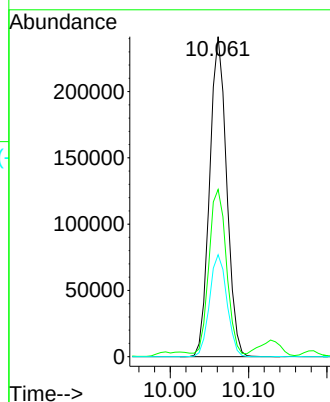
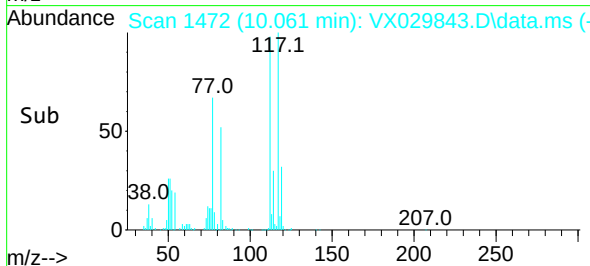
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-3-GR



Tgt Ion:117 Resp: 364108
Ion Ratio Lower Upper
117 100
82 50.8 42.7 64.1
119 31.9 25.4 38.2

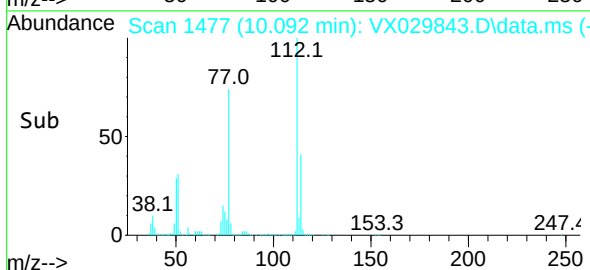
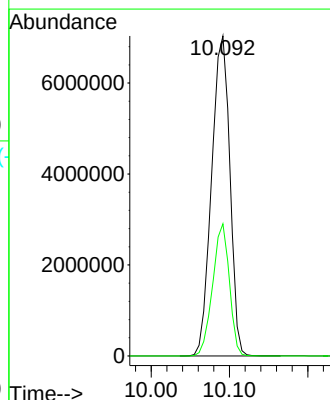
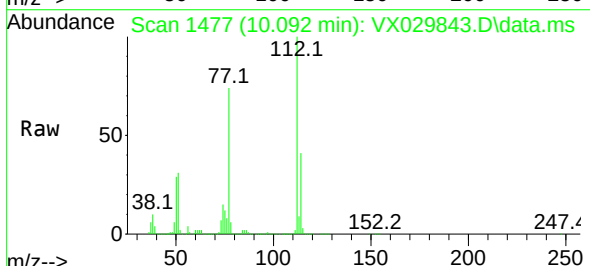
Manual Integrations
APPROVED

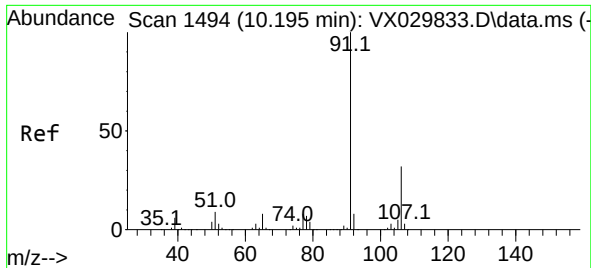
Reviewed By :Mahesh Dadoda 06/30/2022
Supervised By :Semsettin Yesilyurt 06/30/2022



#65
Chlorobenzene
Concen: 1559.101 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.012 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59

Tgt Ion:112 Resp:11395465
Ion Ratio Lower Upper
112 100
114 41.3 24.6 36.8#





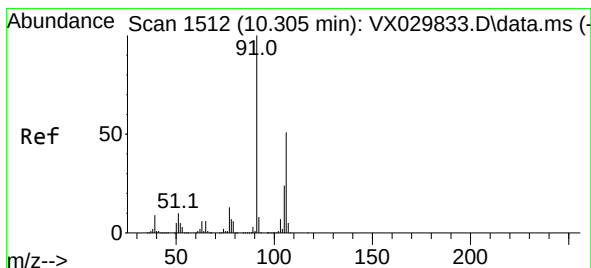
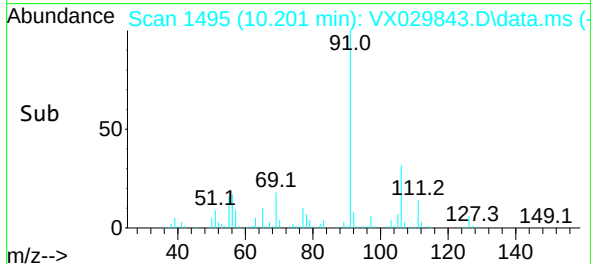
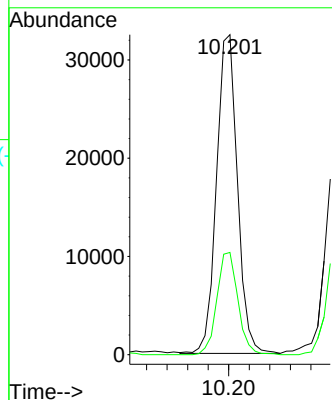
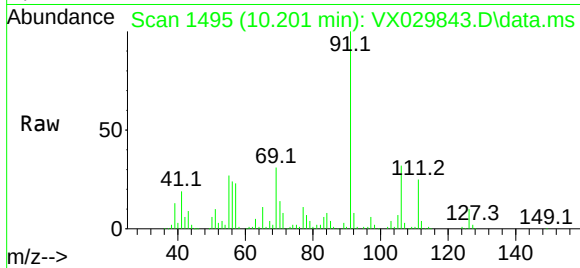
#67
Ethyl Benzene
Concen: 3.601 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59

Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-3-GR

Tgt Ion: 91 Resp: 4578
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3

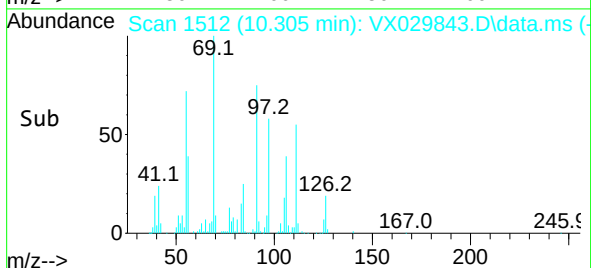
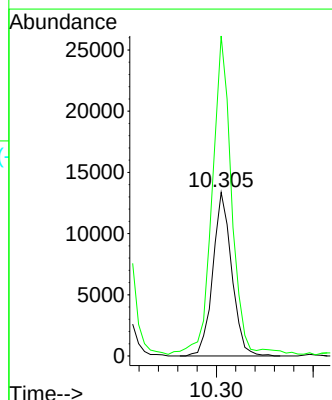
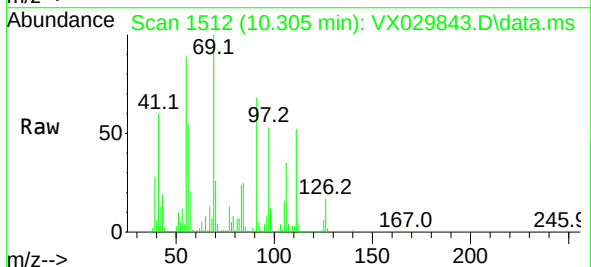
Manual Integrations
APPROVED

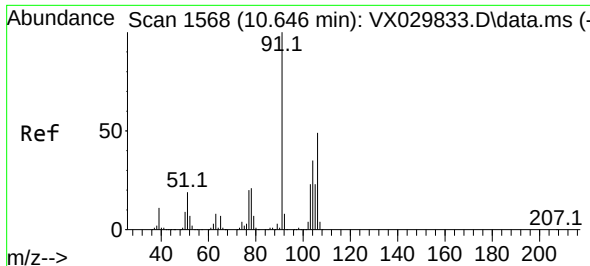
Reviewed By :Mahesh Dadoda 06/30/2022
Supervised By :Semsettin Yesilyurt 06/30/2022



#68
m/p-Xylenes
Concen: 3.708 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59

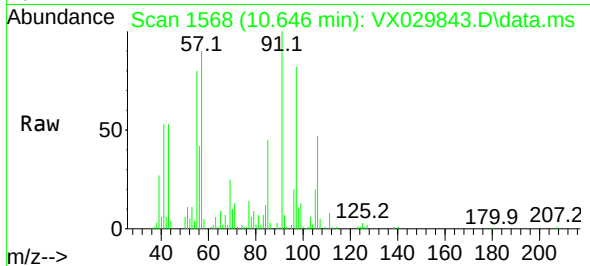
Tgt Ion:106 Resp: 18081
Ion Ratio Lower Upper
106 100
91 196.4 158.2 237.4





#69
o-Xylene
Concen: 2.368 ug/l
RT: 10.646 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59

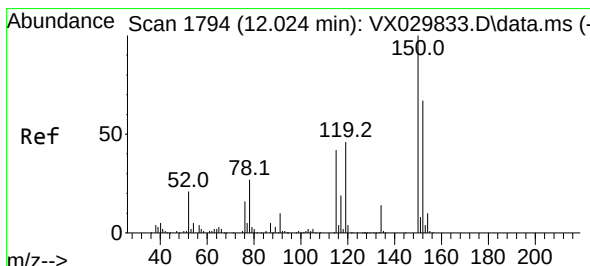
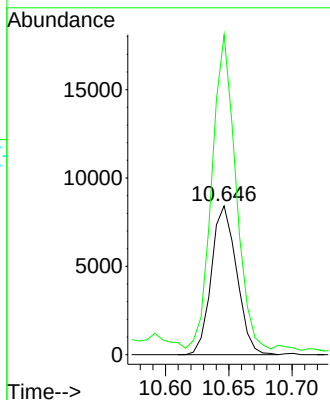
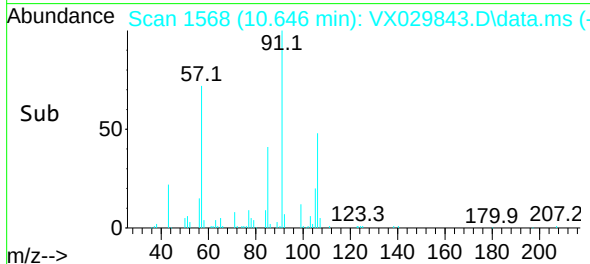
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-3-GR



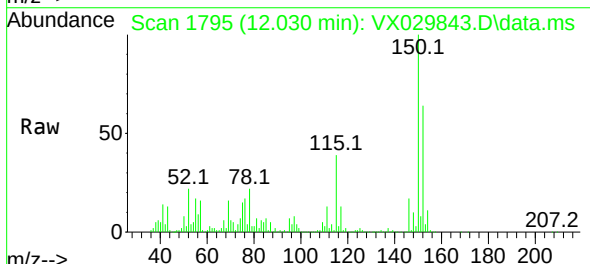
Tgt Ion:106 Resp: 1169
Ion Ratio Lower Upper
106 100
91 199.4 103.8 311.6

Manual Integrations
APPROVED

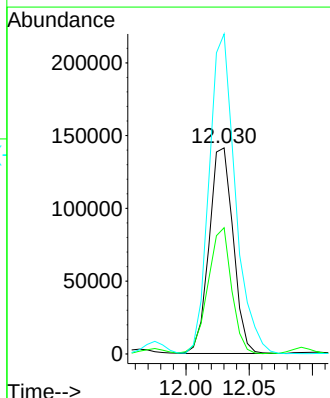
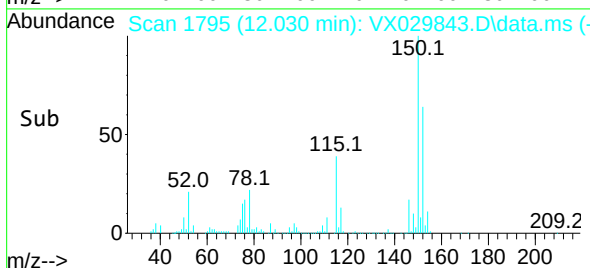
Reviewed By :Mahesh Dadoda 06/30/2022
Supervised By :Semsettin Yesilyurt 06/30/2022

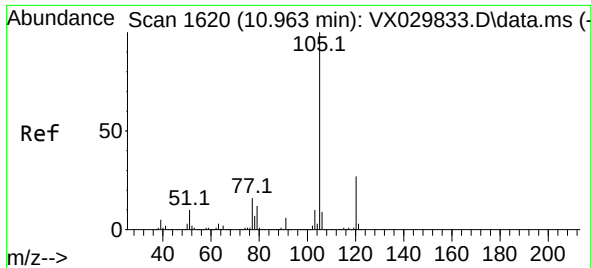


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59



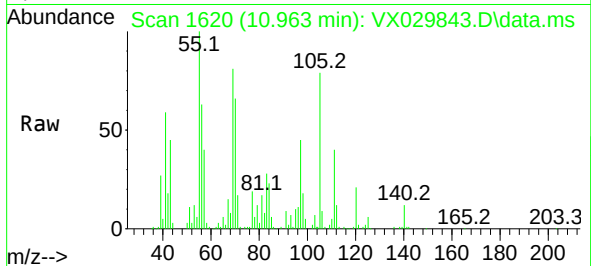
Tgt Ion:152 Resp: 186220
Ion Ratio Lower Upper
152 100
115 60.3 40.5 121.5
150 169.5 0.0 347.0





#73
Isopropylbenzene
Concen: 1.813 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59

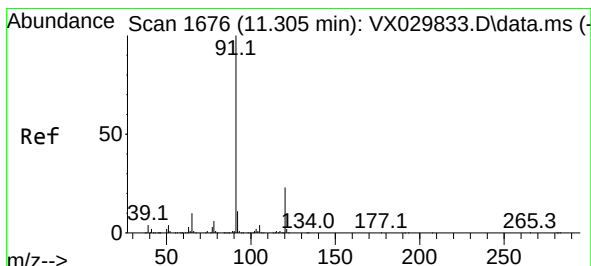
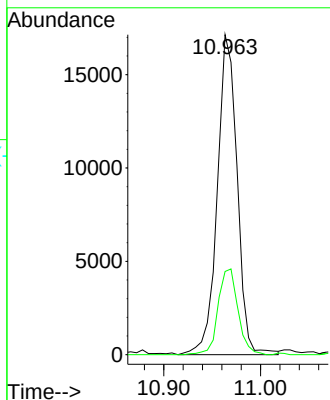
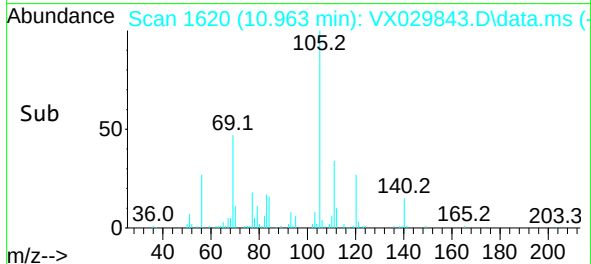
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-3-GR



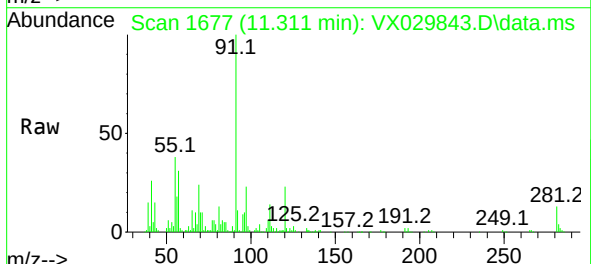
Tgt Ion: 105 Resp: 2442
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

Manual Integrations
APPROVED

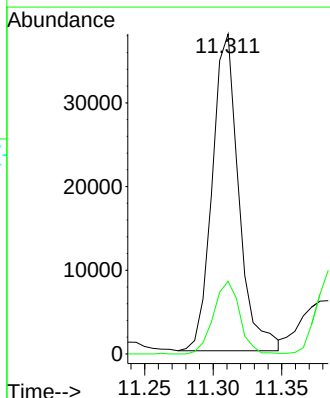
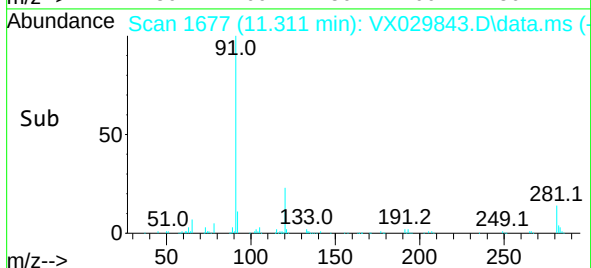
Reviewed By :Mahesh Dadoda 06/30/2022
Supervised By :Semsettin Yesilyurt 06/30/2022

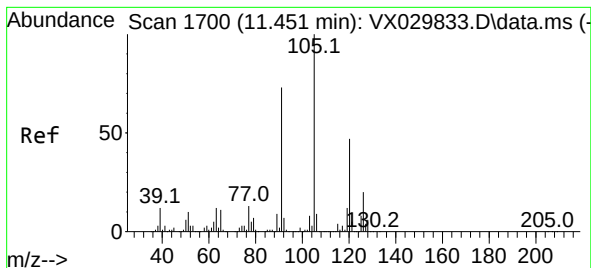


#78
n-propylbenzene
Concen: 3.208 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59



Tgt Ion: 91 Resp: 50977
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 3.200 ug/l

RT: 11.457 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VX029843.D

Acq: 28 Jun 2022 20:59

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-1-3-GR

Tgt Ion:105 Resp: 35792

Ion Ratio Lower Upper

105 100

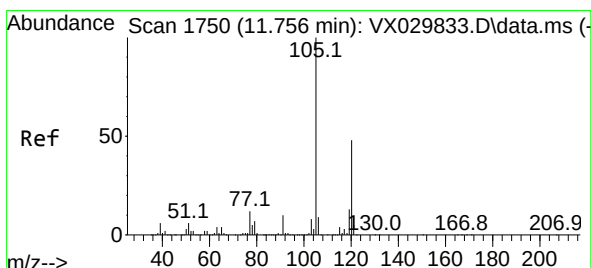
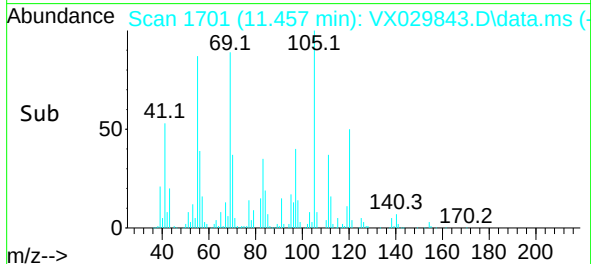
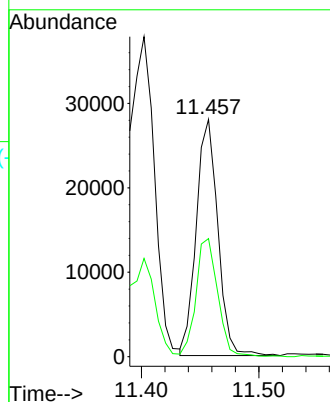
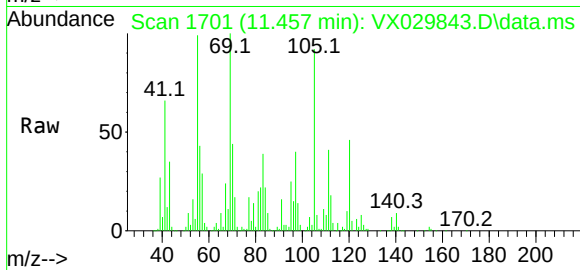
120 49.8 24.4 73.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022

Supervised By :Semsettin Yesilyurt 06/30/2022



#84

1,2,4-Trimethylbenzene

Concen: 9.672 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX029843.D

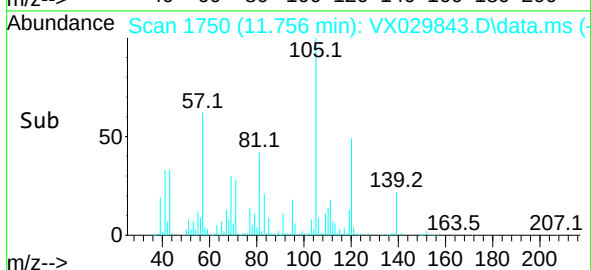
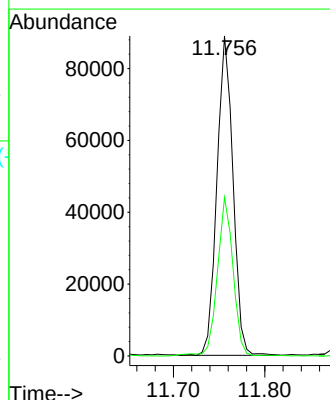
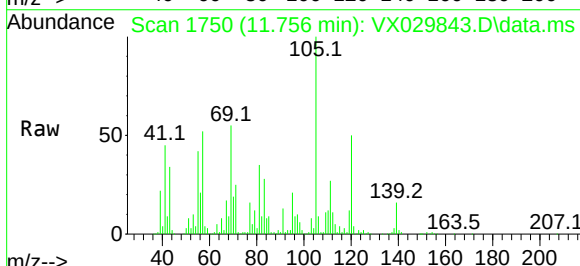
Acq: 28 Jun 2022 20:59

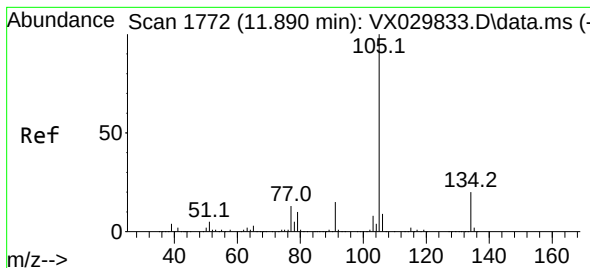
Tgt Ion:105 Resp: 108385

Ion Ratio Lower Upper

105 100

120 48.6 22.9 68.8





#85

sec-Butylbenzene

Concen: 5.071 ug/l

RT: 11.896 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX029843.D

Acq: 28 Jun 2022 20:59

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-1-3-GR

Tgt Ion:105 Resp: 7084

Ion Ratio Lower Upper

105 100

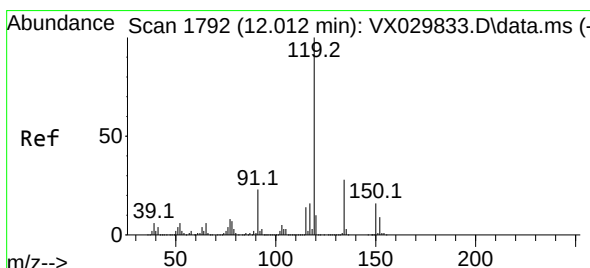
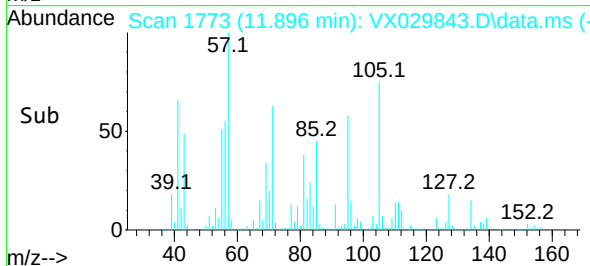
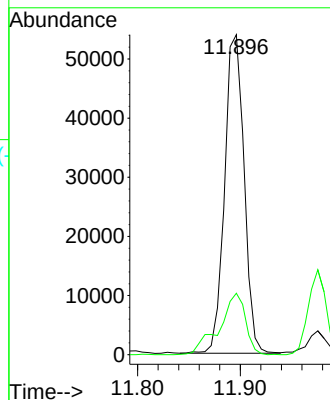
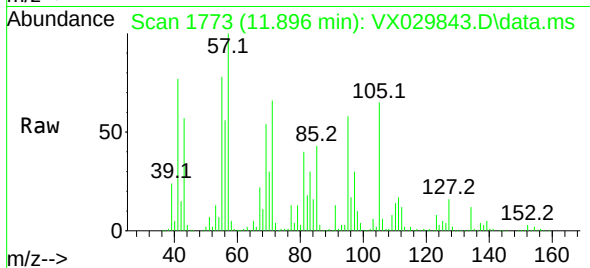
134 26.0 10.0 30.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022

Supervised By :Semsettin Yesilyurt 06/30/2022



#86

p-Isopropyltoluene

Concen: 4.996 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX029843.D

Acq: 28 Jun 2022 20:59

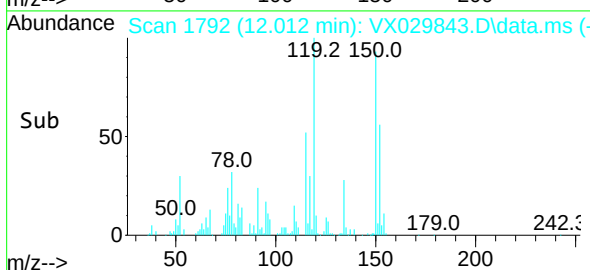
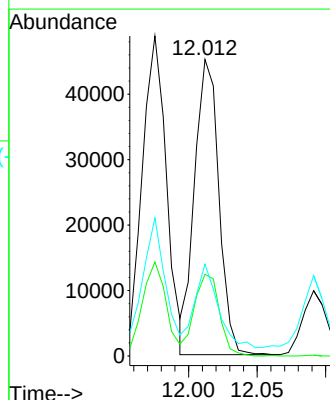
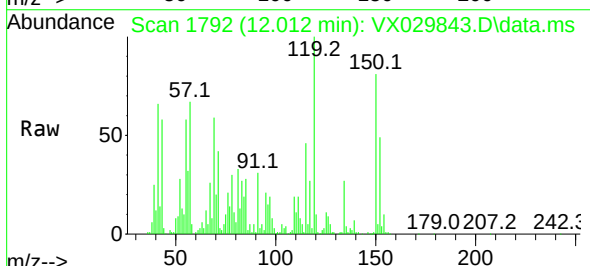
Tgt Ion:119 Resp: 55705

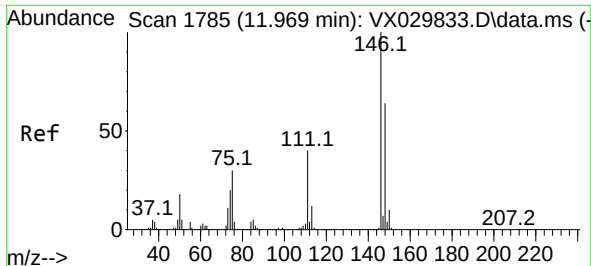
Ion Ratio Lower Upper

119 100

134 28.6 13.9 41.6

91 26.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 15.807 ug/l m

RT: 11.975 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX029843.D

Acq: 28 Jun 2022 20:59

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-1-3-GR

Tgt Ion:146 Resp: 98362

Ion Ratio Lower Upper

146 100

111 152.5 20.3 60.8

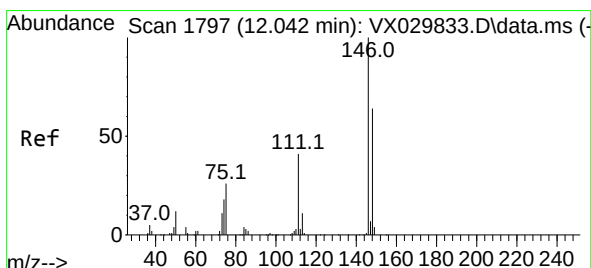
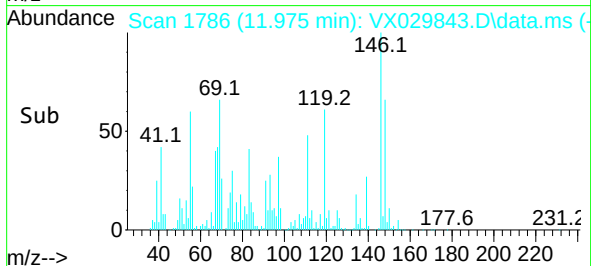
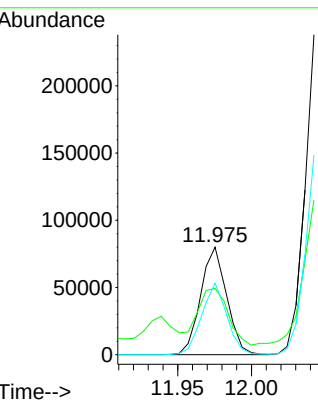
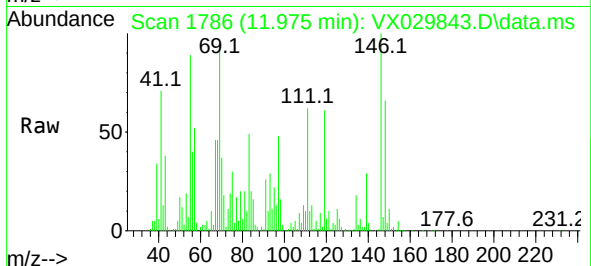
148 216.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022

Supervised By :Semsettin Yesilyurt 06/30/2022



#88

1,4-Dichlorobenzene

Concen: 52.753 ug/l

RT: 12.048 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VX029843.D

Acq: 28 Jun 2022 20:59

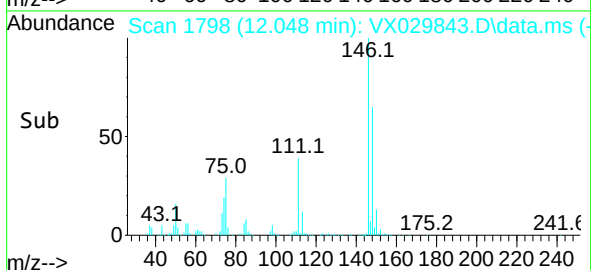
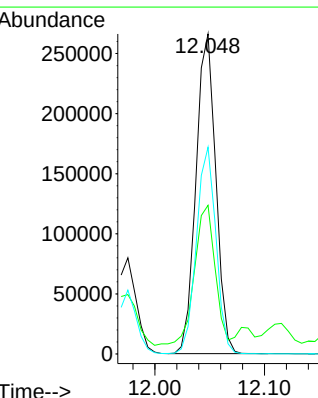
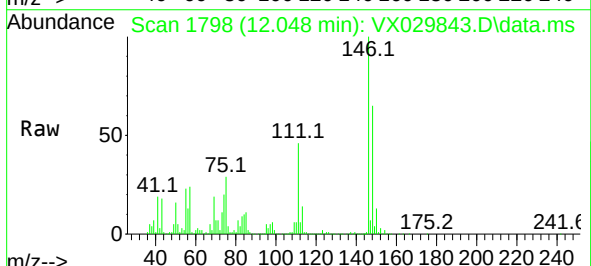
Tgt Ion:146 Resp: 334951

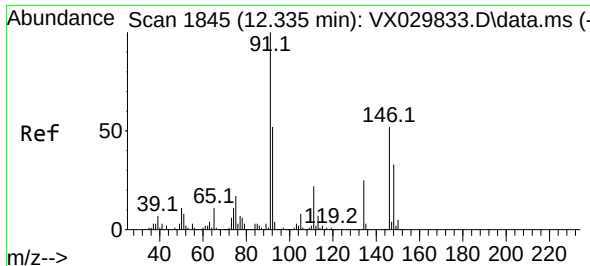
Ion Ratio Lower Upper

146 100

111 44.5 20.3 60.9

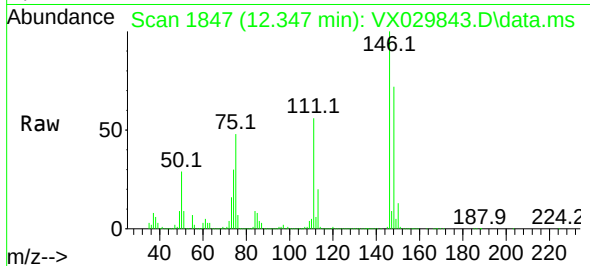
148 63.6 32.3 96.8





#91
1,2-Dichlorobenzene
Concen: 1661.491 ug/l
RT: 12.347 min Scan# 1845
Delta R.T. 0.012 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59

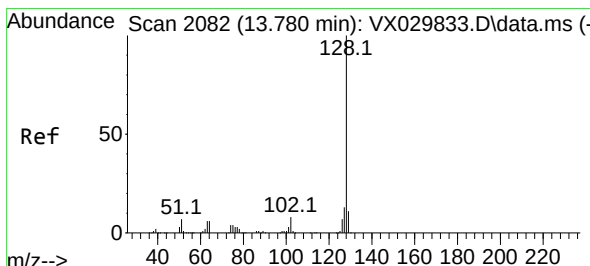
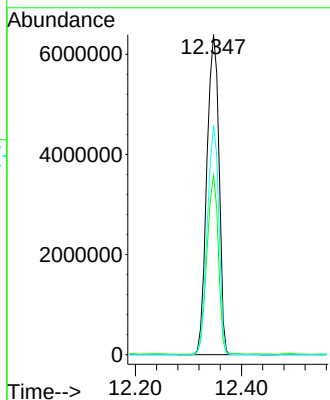
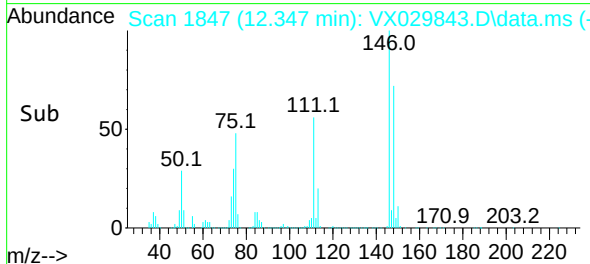
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-3-GR



Tgt Ion:146 Resp:1015698
Ion Ratio Lower Upper
146 100
111 52.1 20.7 62.1
148 68.2 32.0 96.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
Supervised By :Semsettin Yesilyurt 06/30/2022



#95
Naphthalene
Concen: 212.250 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX029843.D
Acq: 28 Jun 2022 20:59

Tgt Ion:128 Resp: 3192392
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 12.8 8.6 13.0

