

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031222.D
 Acq On : 08 Sep 2022 19:24
 Operator : JC/MD
 Sample : N4505-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CLI-79

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022

Quant Time: Sep 09 01:10:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	68992	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	125517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97923	59.950	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	119.900%		
35) Dibromofluoromethane	5.397	113	61388	44.881	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.760%		
50) Toluene-d8	8.653	98	228037	45.887	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.780%		
62) 4-Bromofluorobenzene	11.085	95	76498	42.005	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.000%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.977	59	38245	116.636	ug/l #	94
16) Acetone	2.422	43	6732179	11903.349	ug/l	96
25) 2-Butanone	4.586	43	44412	53.014	ug/l #	89
40) Benzene	6.044	78	21637	3.888	ug/l #	79
52) Toluene	8.720	92	37776	10.293	ug/l	99
67) Ethyl Benzene	10.195	91	15925	2.912	ug/l	94
68) m/p-Xylenes	10.305	106	23363	11.526	ug/l	84
69) o-Xylene	10.646	106	10285	5.084	ug/l	82
70) Styrene	10.659	104	5693	1.755	ug/l #	73
73) Isopropylbenzene	10.963	105	1964	0.536	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.183	83	34788822m	30412.575	ug/l	
80) 1,3,5-Trimethylbenzene	11.408	105	10521m	3.415	ug/l	
84) 1,2,4-Trimethylbenzene	11.756	105	17521	5.850	ug/l	80
95) Naphthalene	13.774	128	45079	13.557	ug/l	99

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

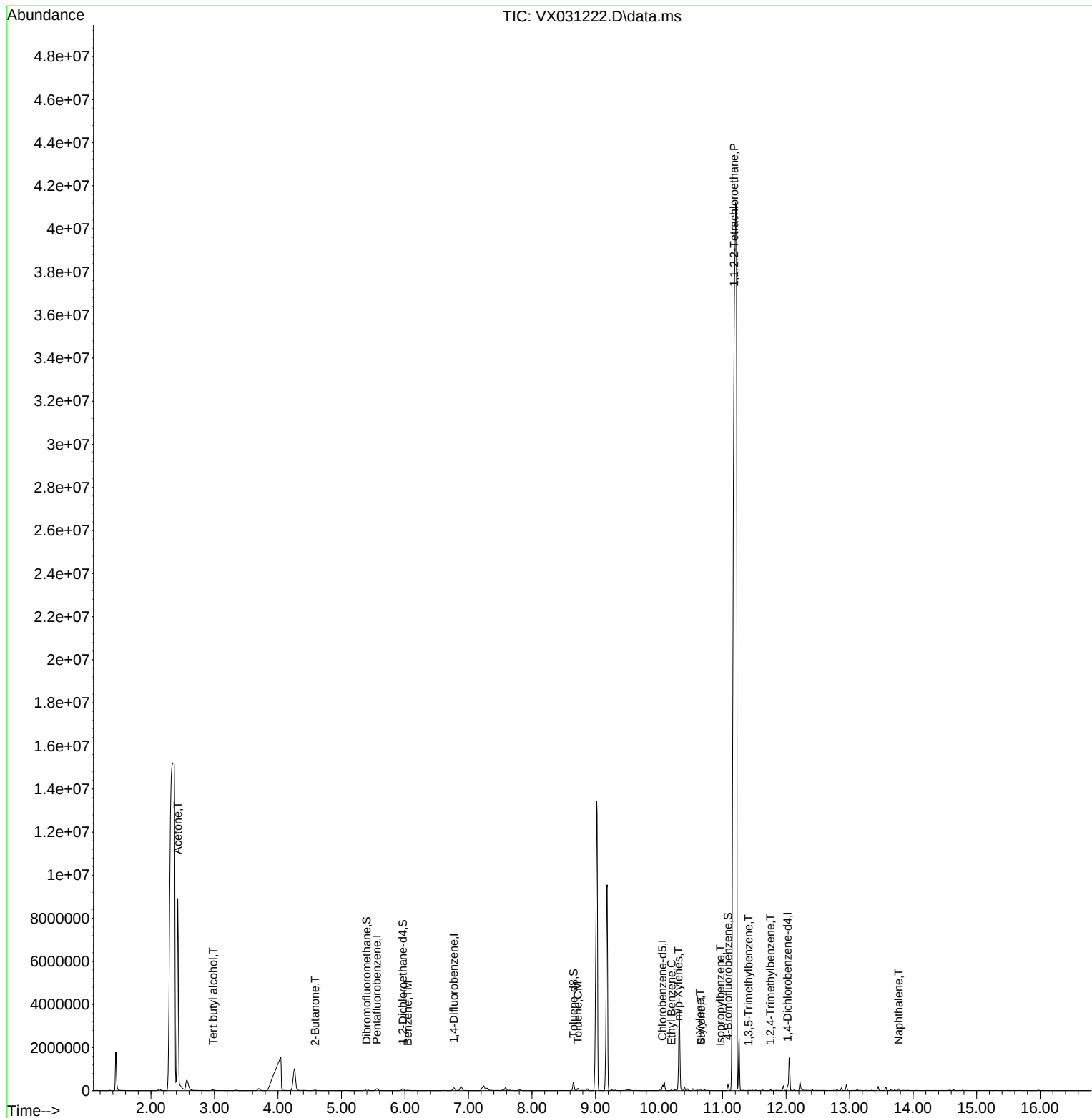
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
Data File : VX031222.D
Acq On : 08 Sep 2022 19:24
Operator : JC/MD
Sample : N4505-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

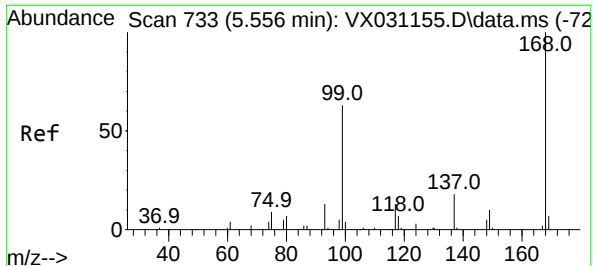
Instrument :
MSVOA_X
ClientSampleId :
CLI-79

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

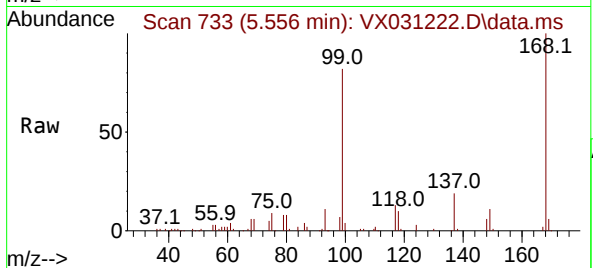
Quant Time: Sep 09 01:10:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX031222.D
Acq: 08 Sep 2022 19:24

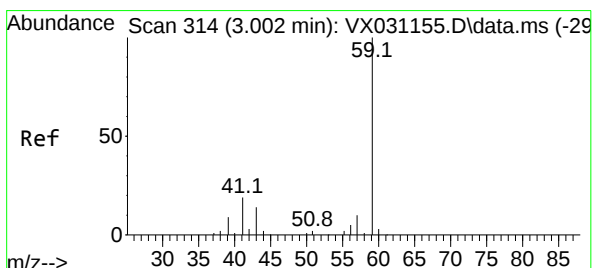
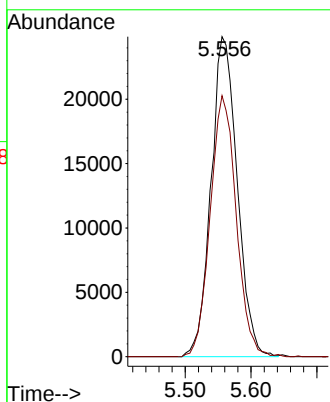
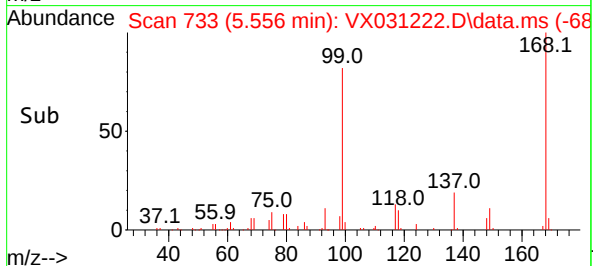
Instrument :
MSVOA_X
ClientSampleId :
CLI-79



Tgt Ion:168 Resp: 68992
Ion Ratio Lower Upper
168 100
99 81.6 44.0 66.0

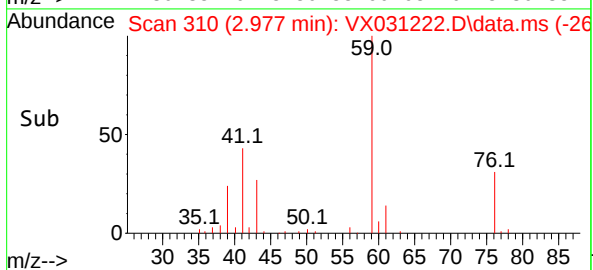
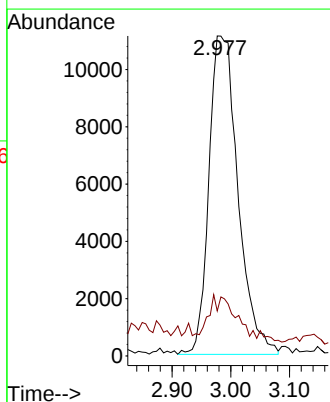
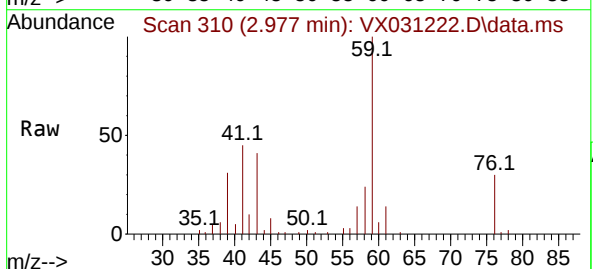
Manual Integrations
APPROVED

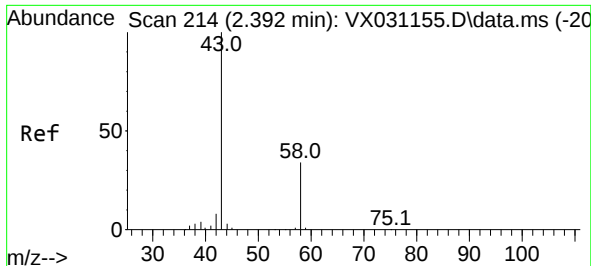
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#11
Tert butyl alcohol
Concen: 116.636 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.025 min
Lab File: VX031222.D
Acq: 08 Sep 2022 19:24

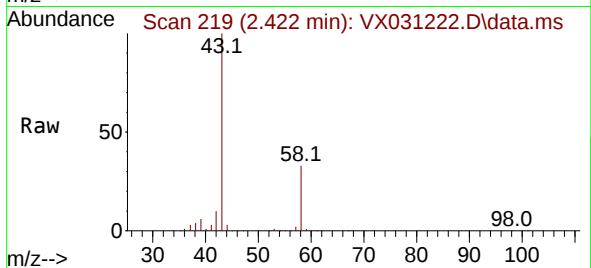
Tgt Ion: 59 Resp: 38245
Ion Ratio Lower Upper
59 100
57 11.6 7.4 11.2





#16
Acetone
Concen: 11903.349 ug/l
RT: 2.422 min Scan# 214
Delta R.T. 0.030 min
Lab File: VX031222.D
Acq: 08 Sep 2022 19:24

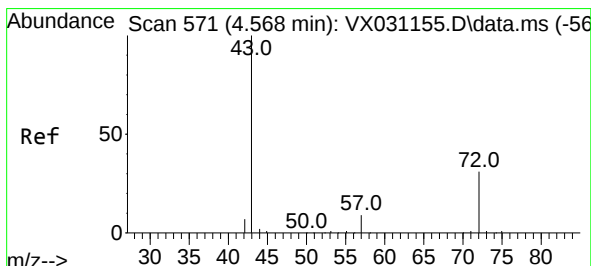
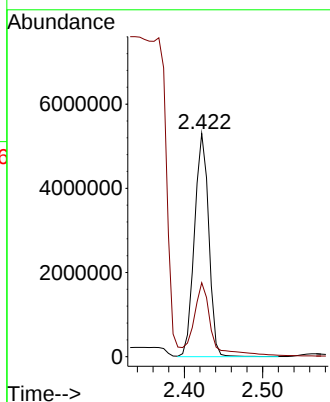
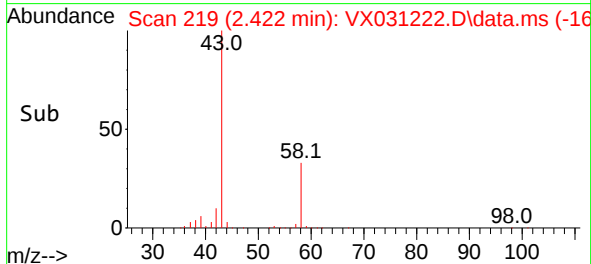
Instrument :
MSVOA_X
ClientSampleId :
CLI-79



Tgt Ion: 43 Resp: 6732179
Ion Ratio Lower Upper
43 100
58 32.5 27.7 41.5

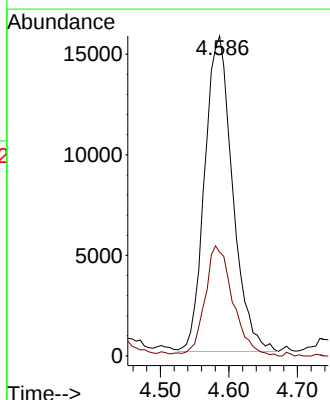
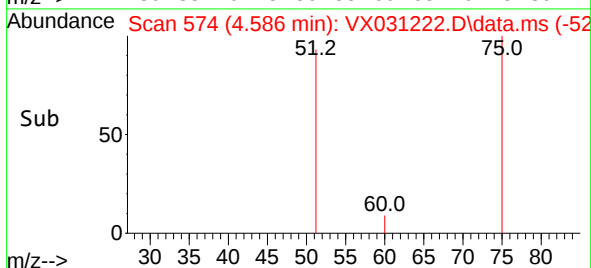
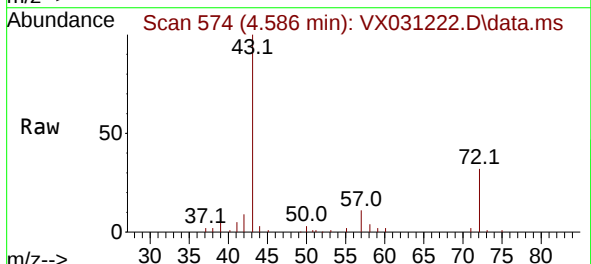
Manual Integrations
APPROVED

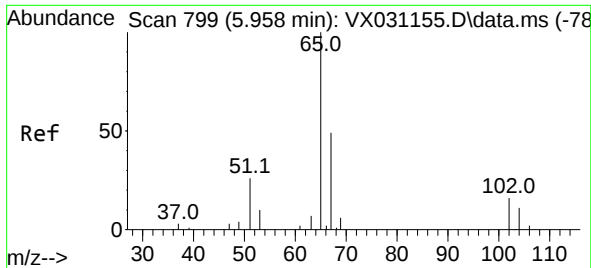
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#25
2-Butanone
Concen: 53.014 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX031222.D
Acq: 08 Sep 2022 19:24

Tgt Ion: 43 Resp: 44412
Ion Ratio Lower Upper
43 100
72 32.9 21.7 32.5#





#33

1,2-Dichloroethane-d4

Concen: 59.950 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031222.D

Acq: 08 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

CLI-79

Tgt Ion: 65 Resp: 9792

Ion Ratio Lower Upper

65 100

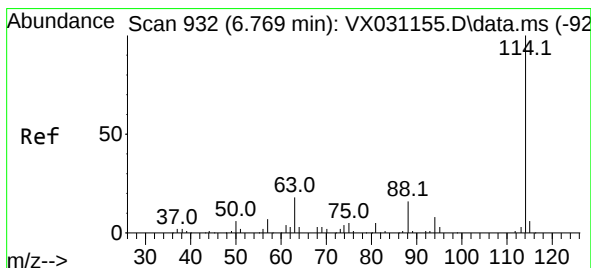
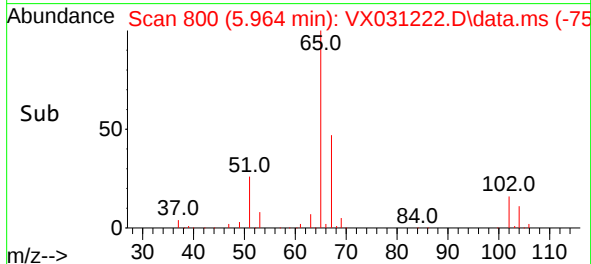
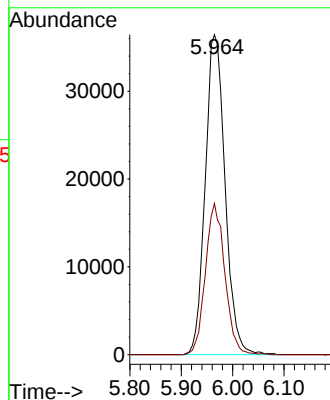
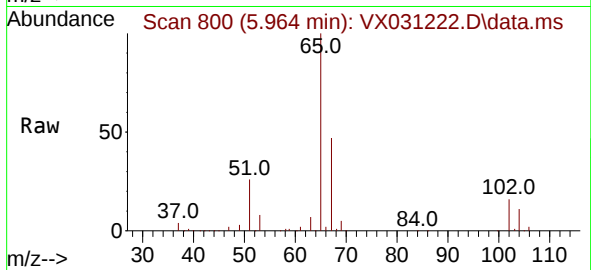
67 46.3 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX031222.D

Acq: 08 Sep 2022 19:24

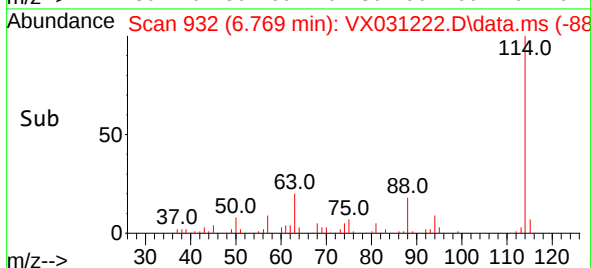
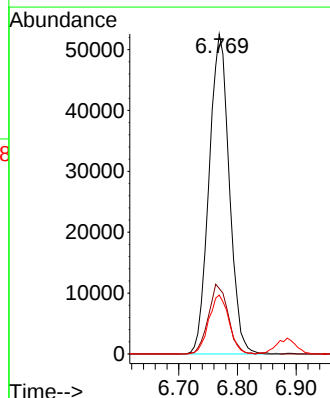
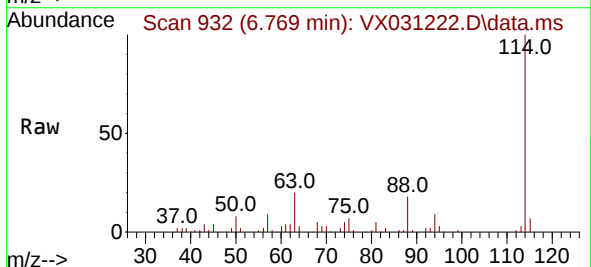
Tgt Ion:114 Resp: 125517

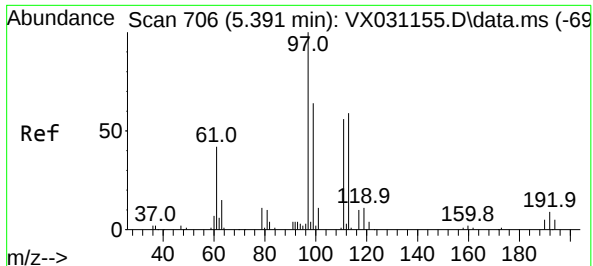
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

88 18.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 44.881 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX031222.D

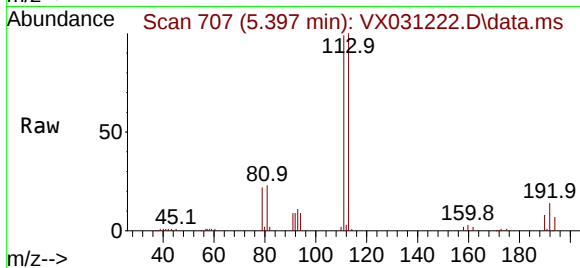
Acq: 08 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

CLI-79



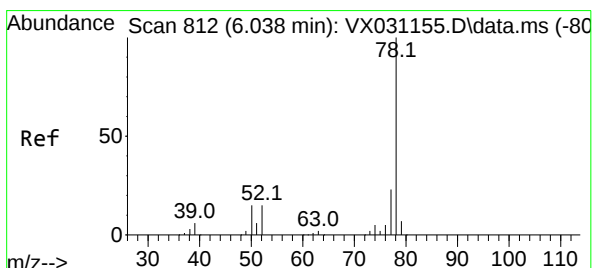
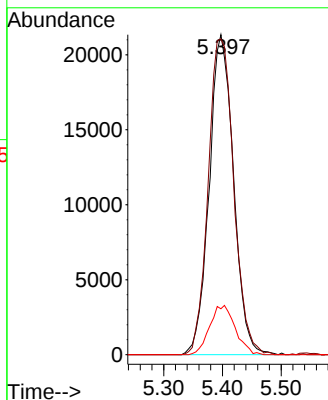
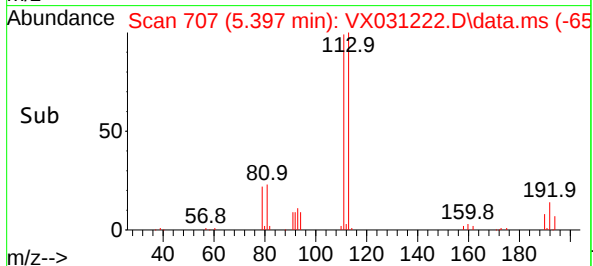
Tgt Ion:	113	Resp:	6138
Ion Ratio	Lower	Upper	
113	100		
111	103.5	83.2	124.8
192	16.2	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#40

Benzene

Concen: 3.888 ug/l

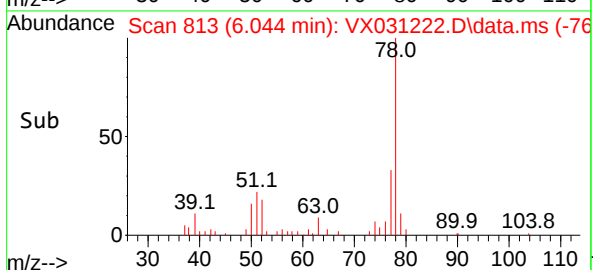
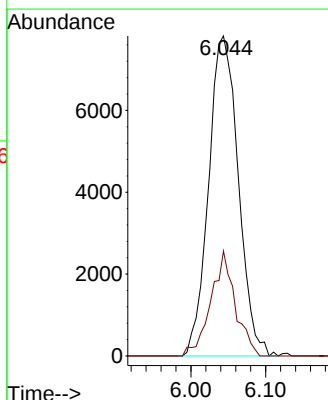
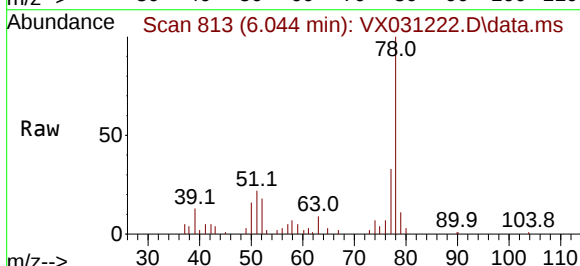
RT: 6.044 min Scan# 813

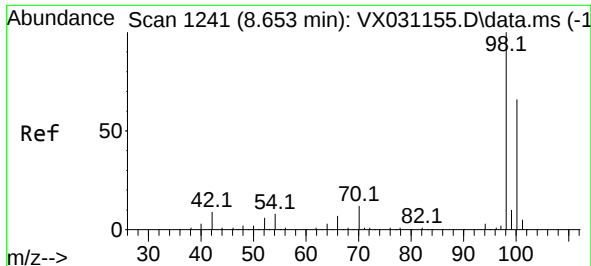
Delta R.T. 0.006 min

Lab File: VX031222.D

Acq: 08 Sep 2022 19:24

Tgt Ion:	78	Resp:	21637
Ion Ratio	Lower	Upper	
78	100		
77	32.8	18.0	27.0#





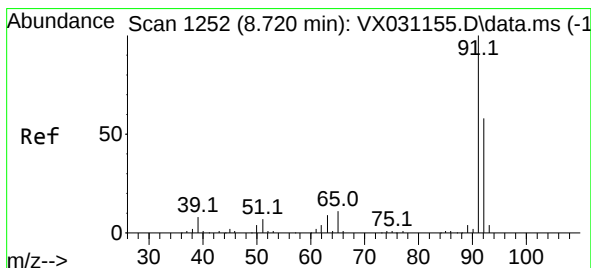
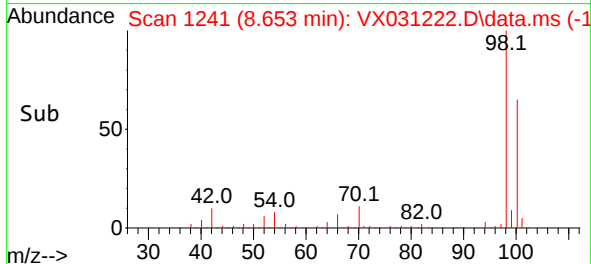
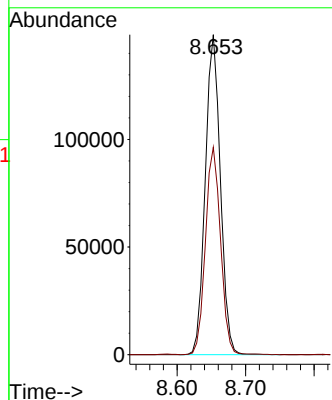
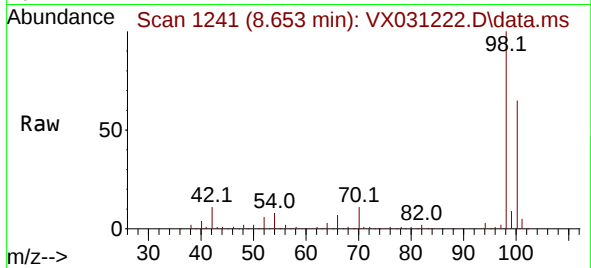
#50
Toluene-d8
Concen: 45.887 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031222.D
Acq: 08 Sep 2022 19:24

Instrument :
MSVOA_X
ClientSampleId :
CLI-79

Tgt Ion: 98 Resp: 22803
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5

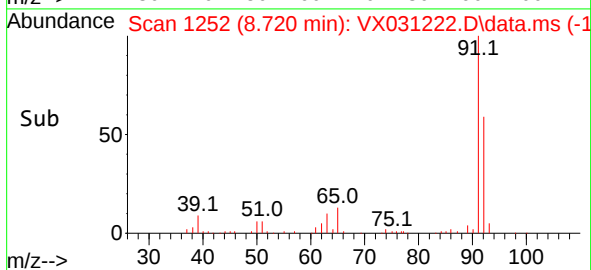
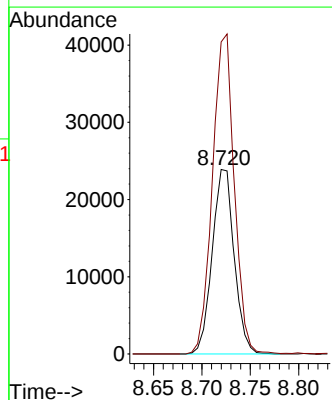
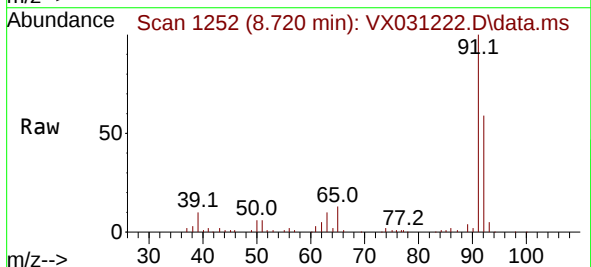
Manual Integrations
APPROVED

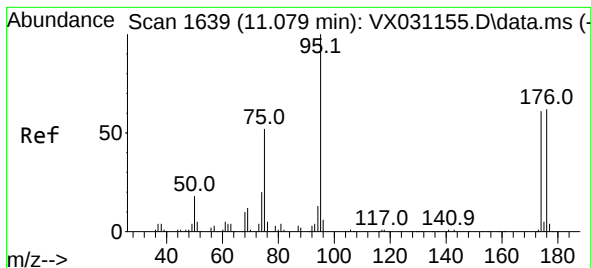
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#52
Toluene
Concen: 10.293 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031222.D
Acq: 08 Sep 2022 19:24

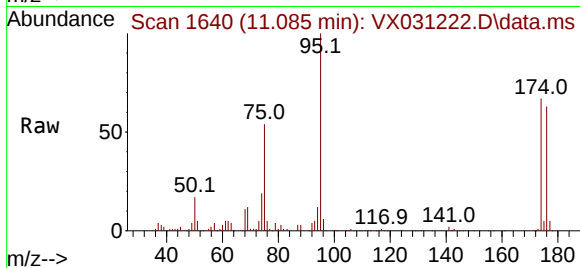
Tgt Ion: 92 Resp: 37776
Ion Ratio Lower Upper
92 100
91 172.5 139.2 208.8





#62
4-Bromofluorobenzene
Concen: 42.005 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031222.D
Acq: 08 Sep 2022 19:24

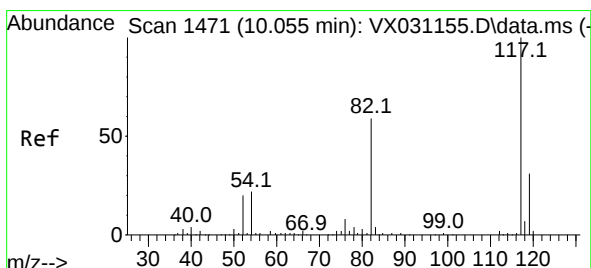
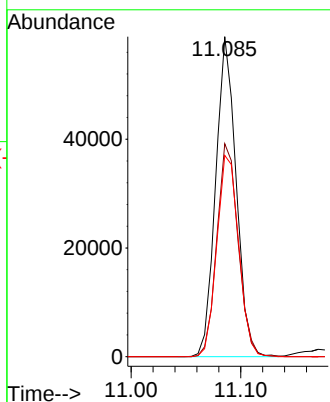
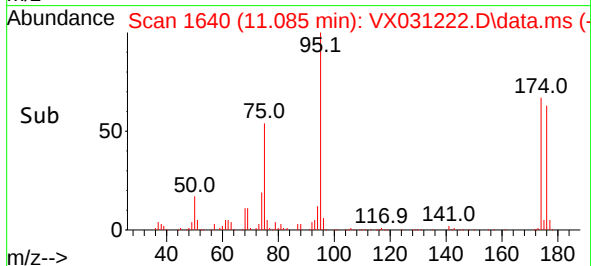
Instrument :
MSVOA_X
ClientSampleId :
CLI-79



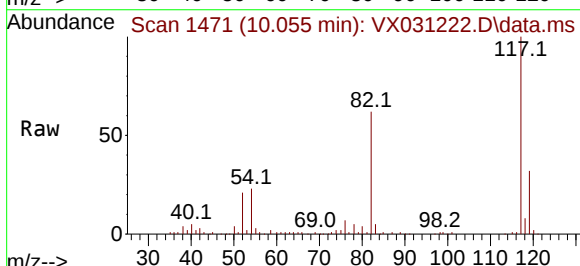
Tgt Ion: 95 Resp: 76498
Ion Ratio Lower Upper
95 100
174 69.3 0.0 149.0
176 67.2 0.0 146.0

Manual Integrations
APPROVED

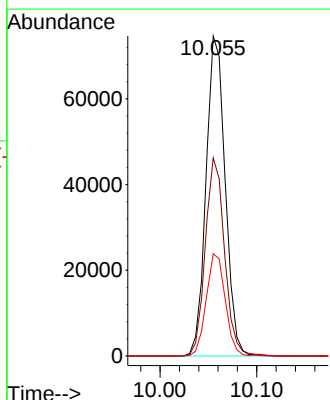
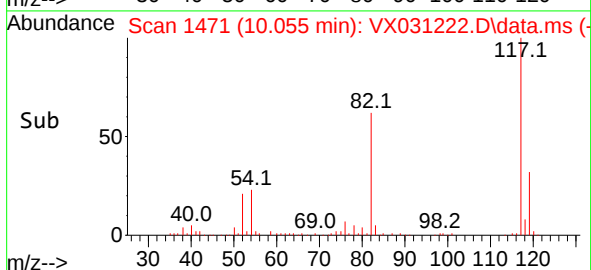
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

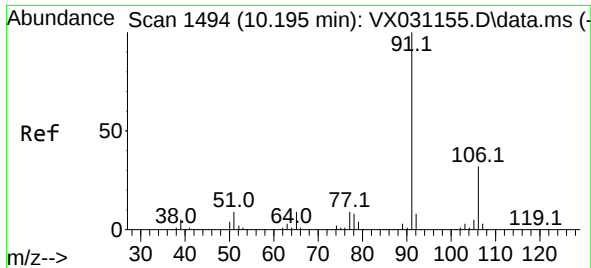


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031222.D
Acq: 08 Sep 2022 19:24



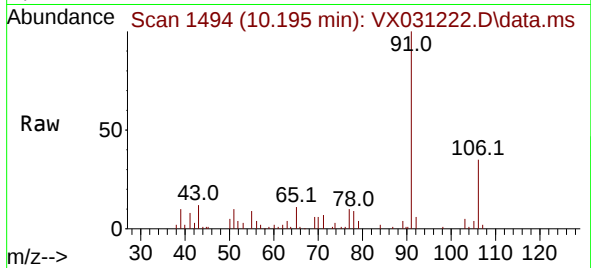
Tgt Ion:117 Resp: 102479
Ion Ratio Lower Upper
117 100
82 61.9 42.7 64.1
119 31.9 25.4 38.2





#67
Ethyl Benzene
Concen: 2.912 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031222.D
Acq: 08 Sep 2022 19:24

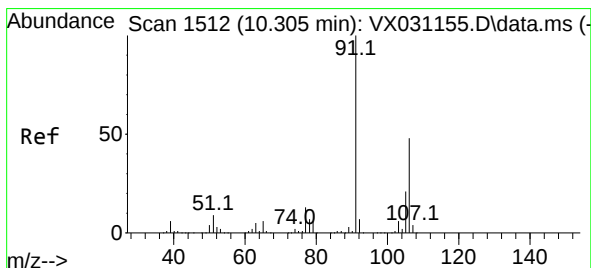
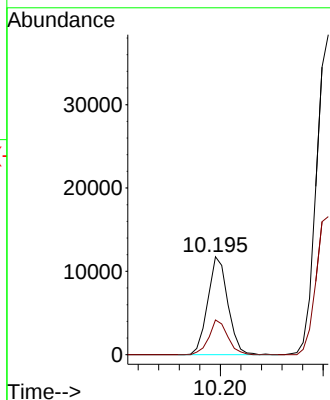
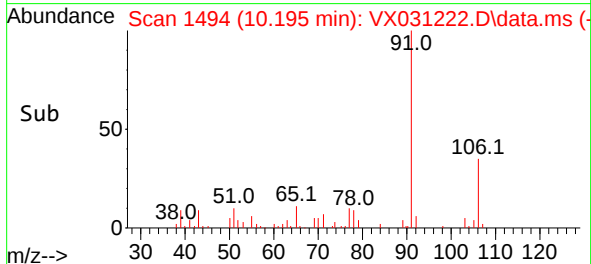
Instrument :
MSVOA_X
ClientSampleId :
CLI-79



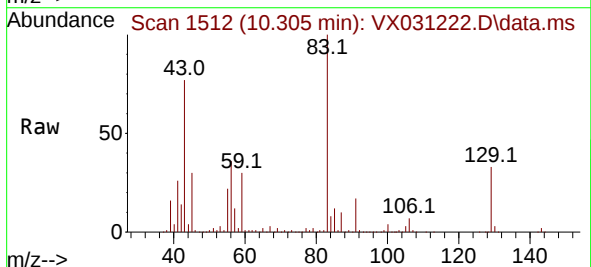
Tgt Ion: 91 Resp: 1592
Ion Ratio Lower Upper
91 100
106 35.5 25.5 38.3

Manual Integrations
APPROVED

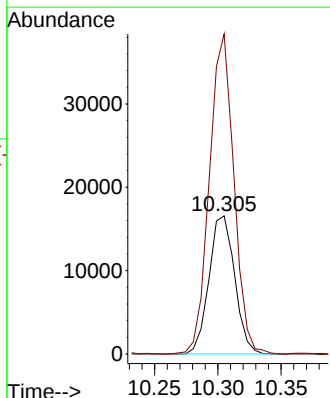
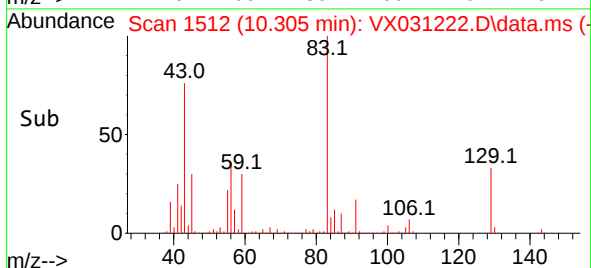
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

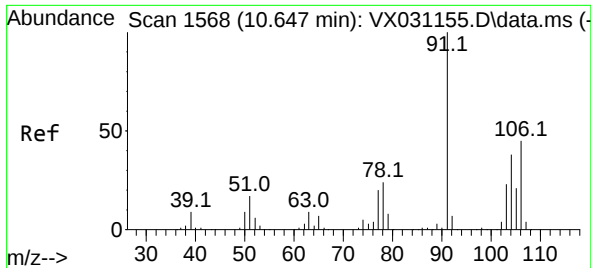


#68
m/p-Xylenes
Concen: 11.526 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031222.D
Acq: 08 Sep 2022 19:24



Tgt Ion:106 Resp: 23363
Ion Ratio Lower Upper
106 100
91 221.3 158.2 237.4





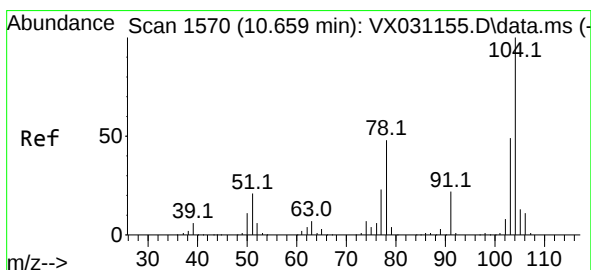
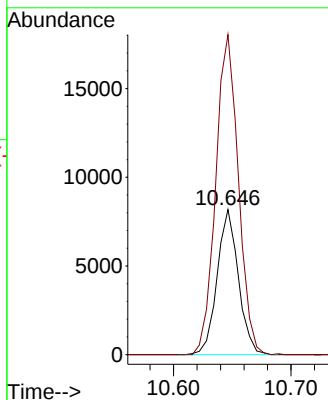
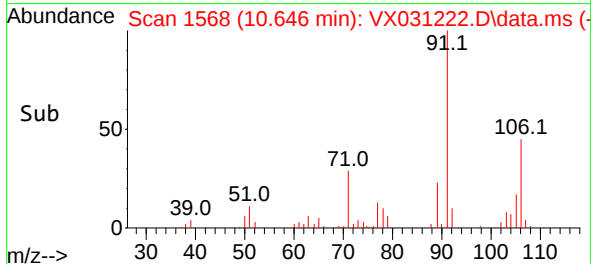
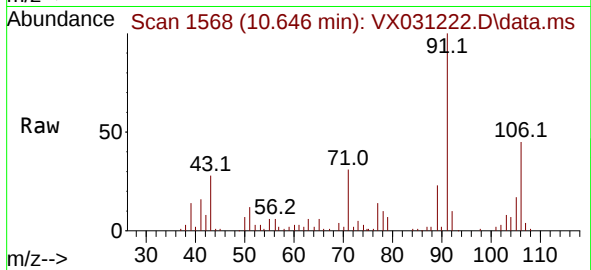
#69
o-Xylene
Concen: 5.084 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031222.D
Acq: 08 Sep 2022 19:24

Instrument :
MSVOA_X
ClientSampleId :
CLI-79

Tgt Ion:106 Resp: 1028
Ion Ratio Lower Upper
106 100
91 235.1 103.8 311.6

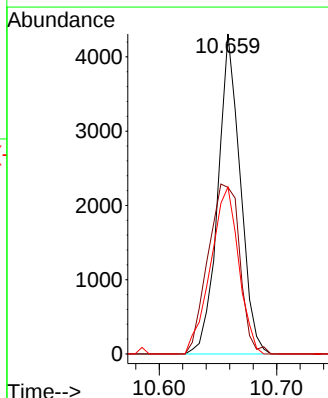
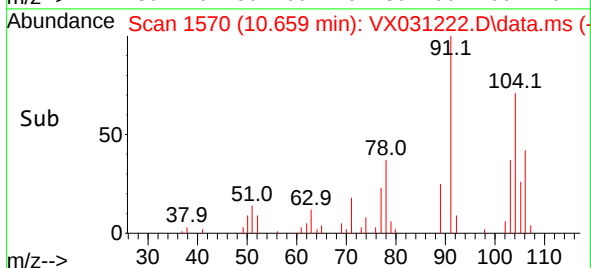
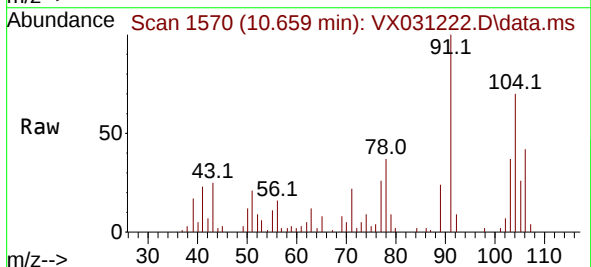
Manual Integrations
APPROVED

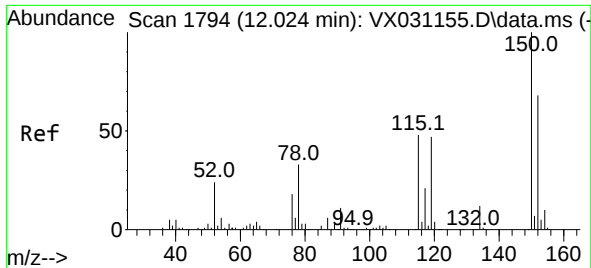
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#70
Styrene
Concen: 1.755 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031222.D
Acq: 08 Sep 2022 19:24

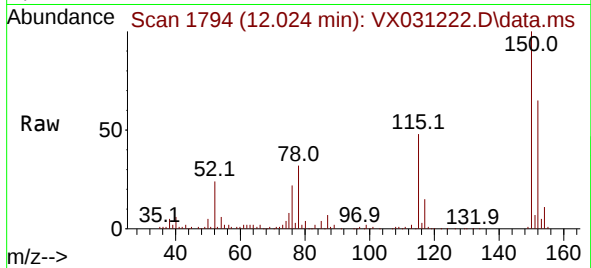
Tgt Ion:104 Resp: 5693
Ion Ratio Lower Upper
104 100
78 75.3 37.8 56.8#
103 65.8 44.5 66.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX031222.D
 Acq: 08 Sep 2022 19:24

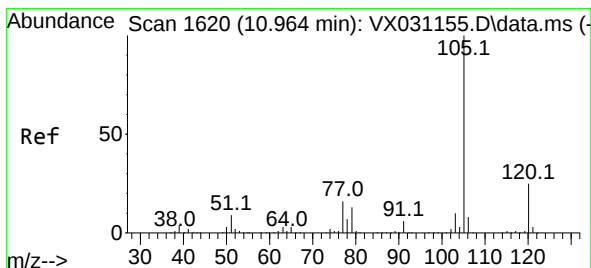
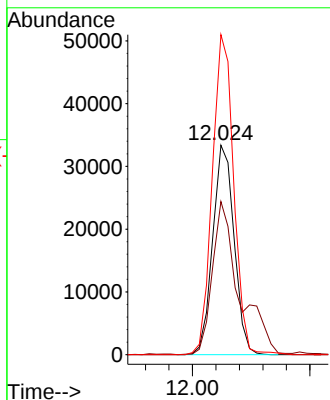
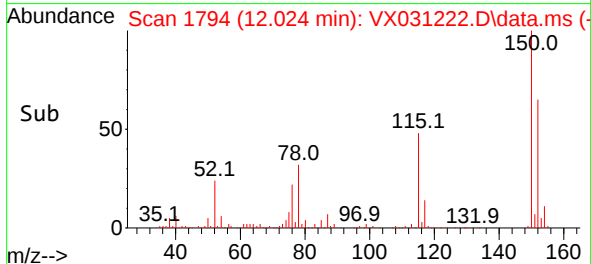
Instrument :
 MSVOA_X
 ClientSampleId :
 CLI-79



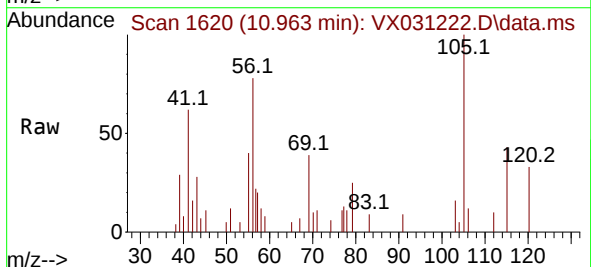
Tgt Ion:152 Resp: 42199
 Ion Ratio Lower Upper
 152 100
 115 92.4 40.5 121.5
 150 152.9 0.0 347.0

Manual Integrations
 APPROVED

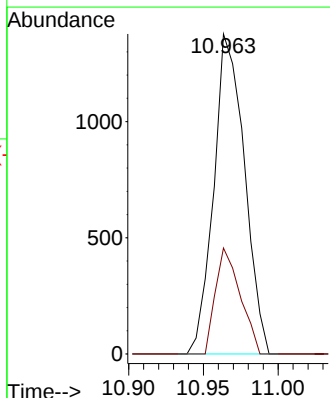
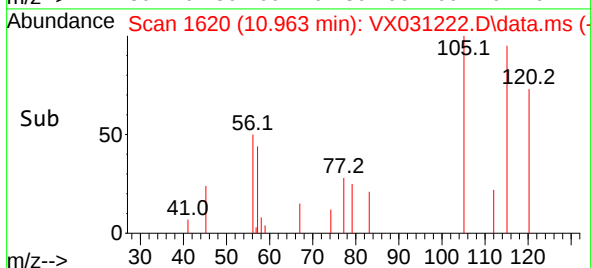
Reviewed By :Krupa Patel 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022

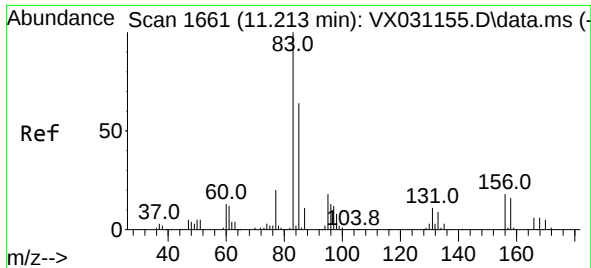


#73
 Isopropylbenzene
 Concen: 0.536 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: VX031222.D
 Acq: 08 Sep 2022 19:24



Tgt Ion:105 Resp: 1964
 Ion Ratio Lower Upper
 105 100
 120 26.7 13.5 40.4





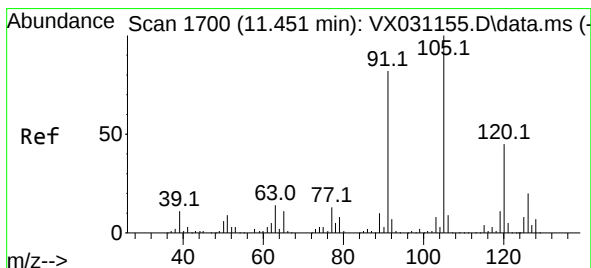
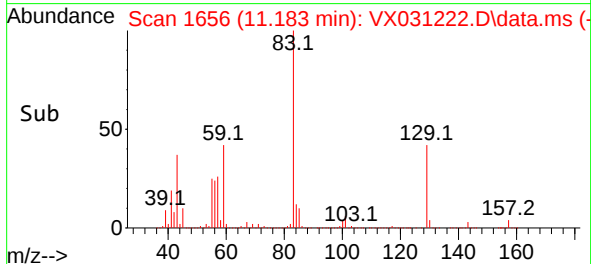
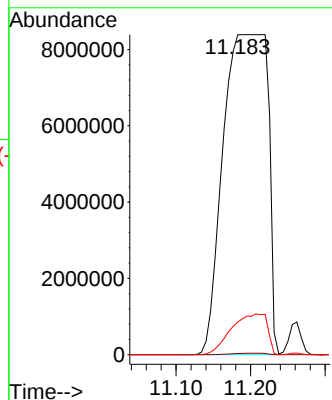
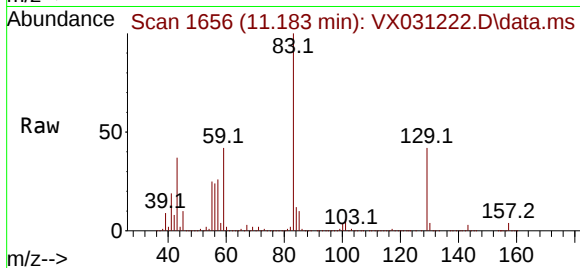
#75
1,1,2,2-Tetrachloroethane
Concen: 30412.575 ug/l m
RT: 11.183 min Scan# 1656
Delta R.T. -0.031 min
Lab File: VX031222.D
Acq: 08 Sep 2022 19:24

Instrument :
MSVOA_X
ClientSampleId :
CLI-79

Tgt Ion: 83 Resp: 3478882
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.7
85 0.0 32.5 97.5

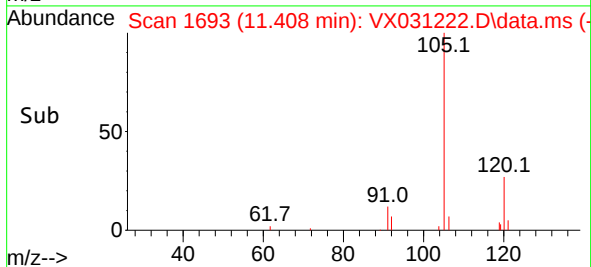
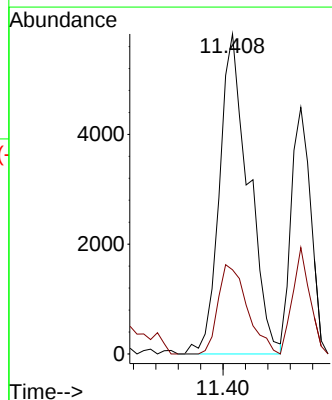
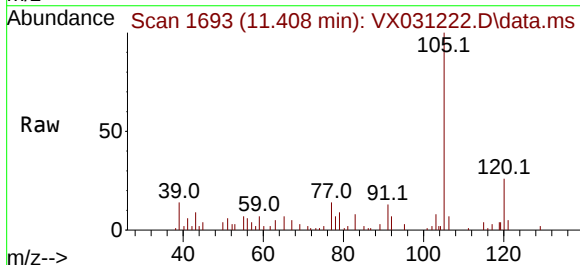
Manual Integrations
APPROVED

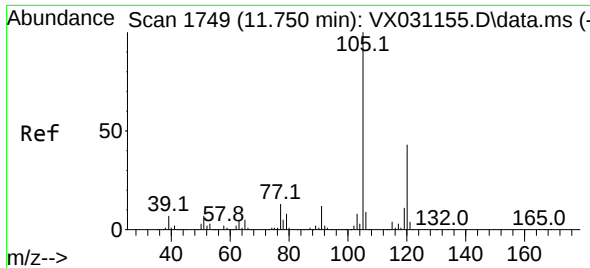
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#80
1,3,5-Trimethylbenzene
Concen: 3.415 ug/l m
RT: 11.408 min Scan# 1693
Delta R.T. -0.043 min
Lab File: VX031222.D
Acq: 08 Sep 2022 19:24

Tgt Ion: 105 Resp: 10521
Ion Ratio Lower Upper
105 100
120 19.9 24.4 73.2#





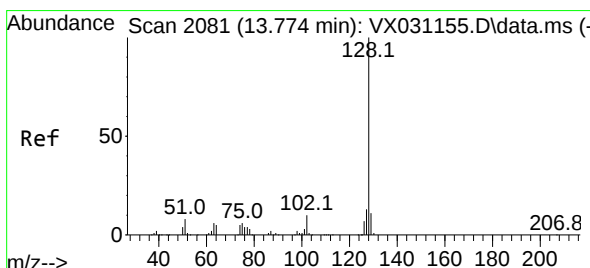
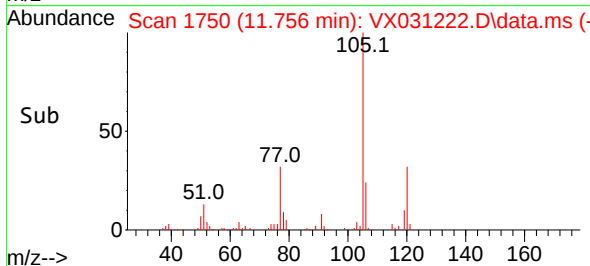
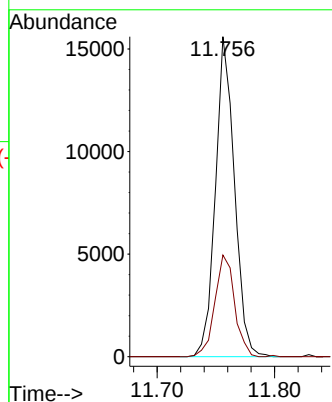
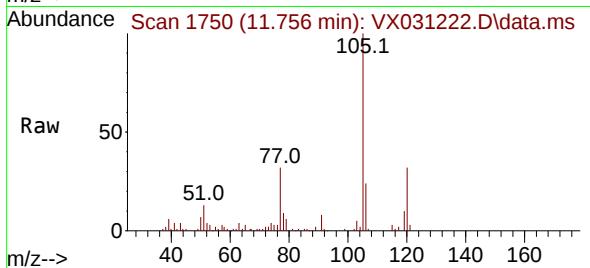
#84
1,2,4-Trimethylbenzene
Concen: 5.850 ug/l
RT: 11.756 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VX031222.D
Acq: 08 Sep 2022 19:24

Instrument :
MSVOA_X
ClientSampleId :
CLI-79

Tgt Ion:105 Resp: 1752
Ion Ratio Lower Upper
105 100
120 33.0 22.9 68.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#95
Naphthalene
Concen: 13.557 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031222.D
Acq: 08 Sep 2022 19:24

Tgt Ion:128 Resp: 45079
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.0 8.6 13.0

