

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031225.D
 Acq On : 08 Sep 2022 20:35
 Operator : JC/MD
 Sample : N4505-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CLI-109

Quant Time: Sep 09 01:11:23 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	64006	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	111858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86457	57.053	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.100%			
35) Dibromofluoromethane	5.391	113	58460	47.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.920%			
50) Toluene-d8	8.653	98	198962	44.925	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 89.860%			
62) 4-Bromofluorobenzene	11.079	95	82196	50.645	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.300%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	80136	300.953	ug/l	97
16) Acetone	2.385	43	4254779	8109.024	ug/l	89
17) Carbon Disulfide	2.507	76	1092	0.411	ug/l #	74
18) Methyl Acetate	2.708	43	5775m	4.252	ug/l	
19) Methyl tert-butyl Ether	3.117	73	3046	0.794	ug/l #	87
25) 2-Butanone	4.562	43	185668	238.895	ug/l #	88
29) Tetrahydrofuran	5.019	42	7880	17.173	ug/l #	81
40) Benzene	6.043	78	44905	9.055	ug/l	92
51) 4-Methyl-2-Pentanone	8.579	43	8279	5.295	ug/l #	87
52) Toluene	8.720	92	739697	226.153	ug/l	99
59) 2-Hexanone	9.439	43	2553	2.159	ug/l	90
67) Ethyl Benzene	10.195	91	44596	8.146	ug/l	95
68) m/p-Xylenes	10.299	106	71451	35.209	ug/l	86
69) o-Xylene	10.646	106	26250	12.961	ug/l	84
73) Isopropylbenzene	10.963	105	1348	0.338	ug/l	87
78) n-propylbenzene	11.311	91	1786	0.393	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	2589	0.773	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	10756	3.301	ug/l	83
95) Naphthalene	13.780	128	25738	7.115	ug/l #	95

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

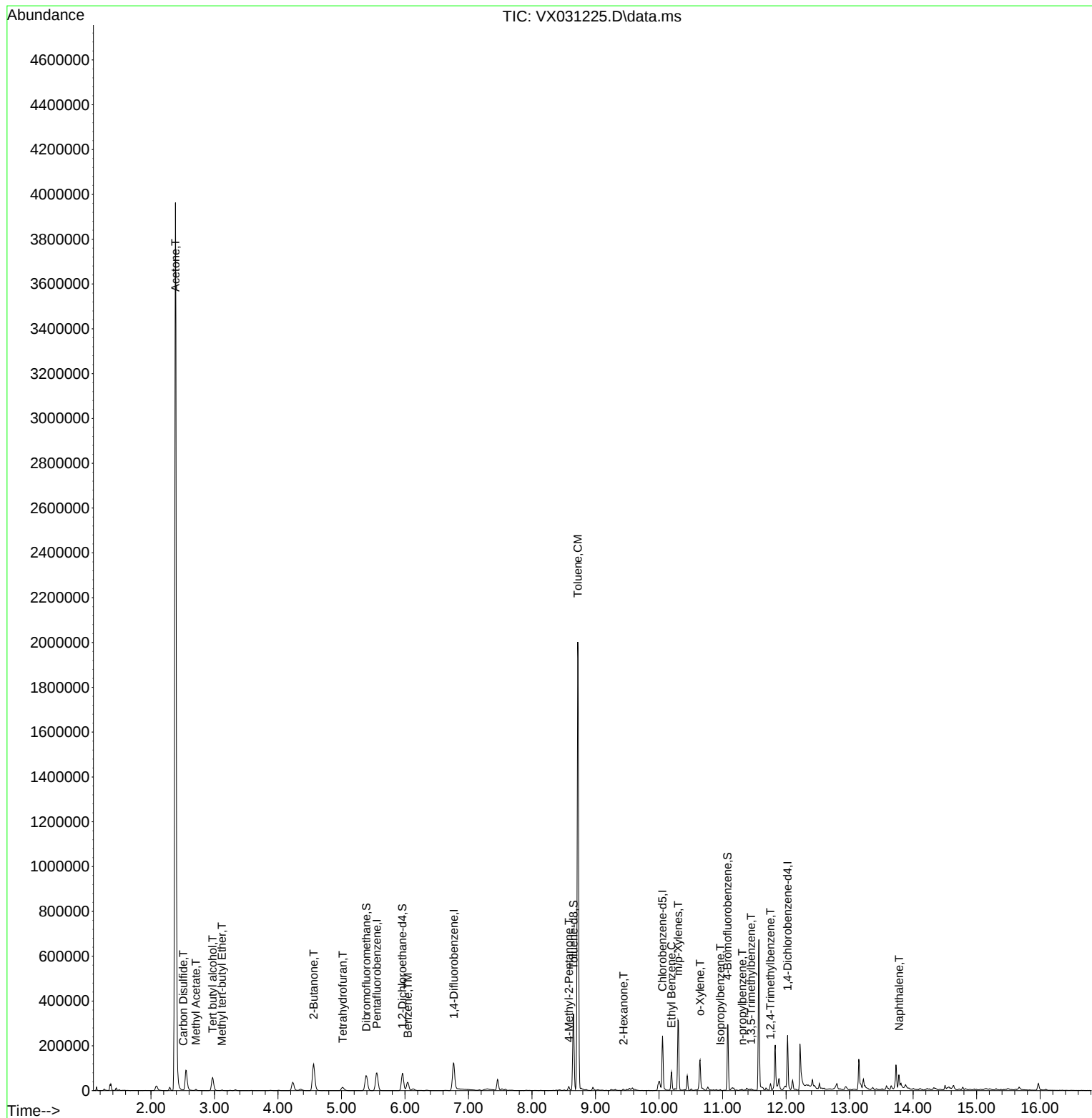
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
Data File : VX031225.D
Acq On : 08 Sep 2022 20:35
Operator : JC/MD
Sample : N4505-06
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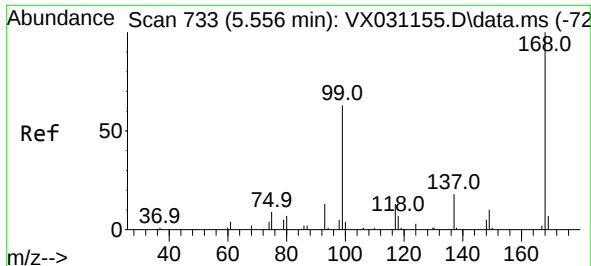
Instrument :
MSVOA_X
ClientSampleId :
CLI-109

Quant Time: Sep 09 01:11:23 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

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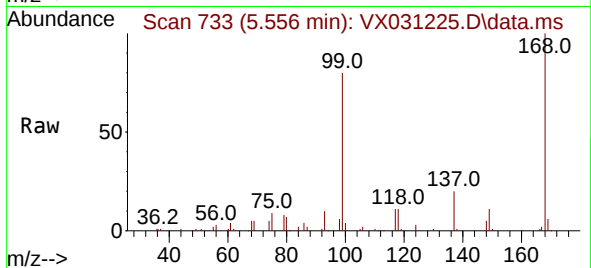
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35

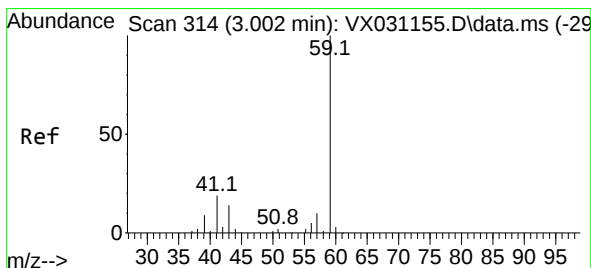
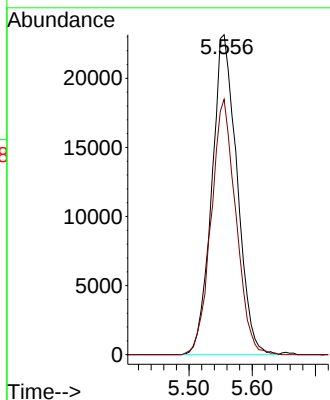
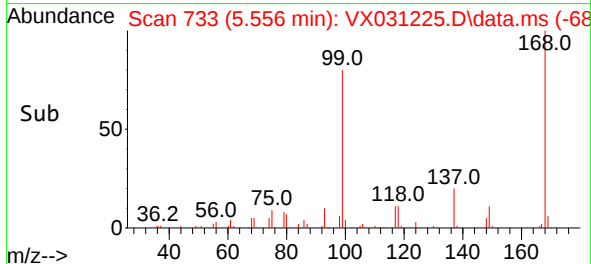
Instrument :
MSVOA_X
ClientSampleId :
CLI-109



Tgt Ion:168 Resp: 64000
Ion Ratio Lower Upper
168 100
99 79.8 44.0 66.0

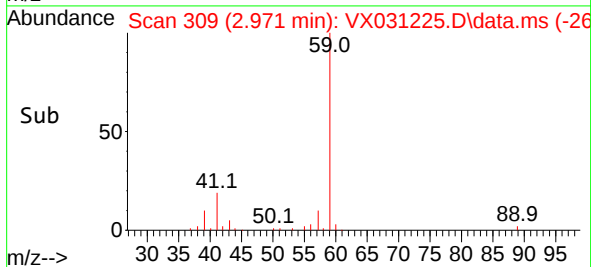
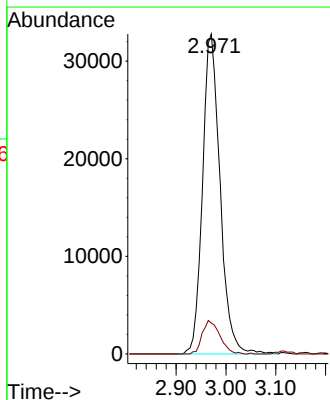
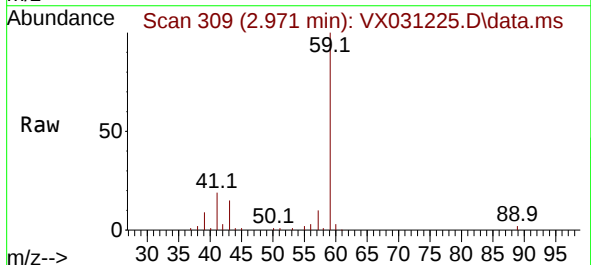
Manual Integrations
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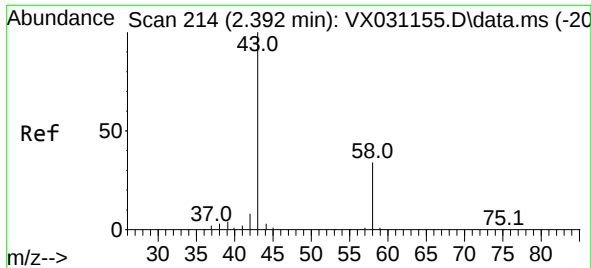
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#11
Tert butyl alcohol
Concen: 300.953 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.031 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35

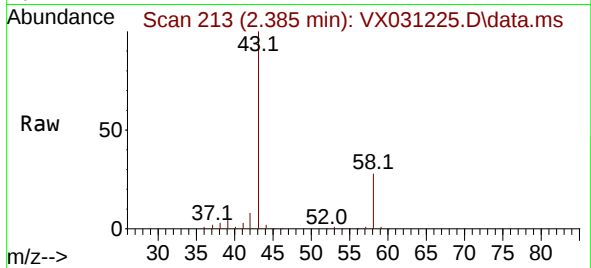
Tgt Ion: 59 Resp: 80136
Ion Ratio Lower Upper
59 100
57 10.5 7.4 11.2





#16
Acetone
Concen: 8109.024 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35

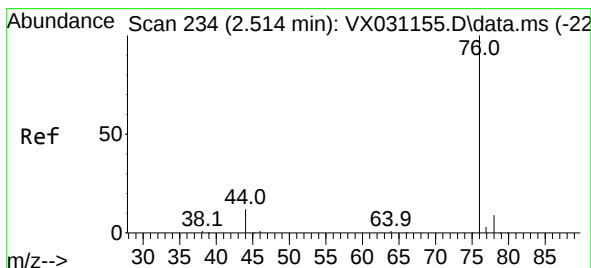
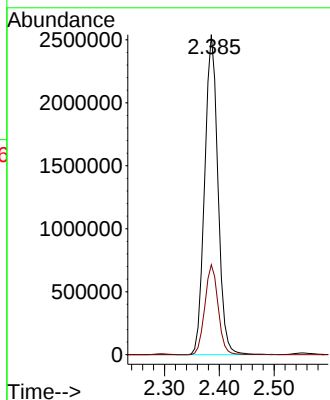
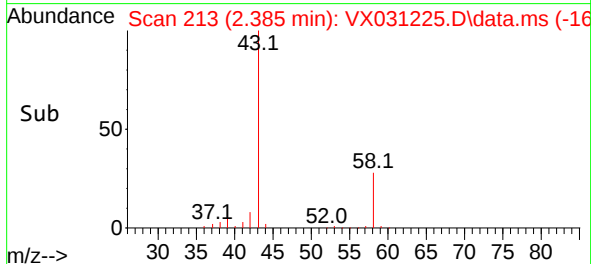
Instrument :
MSVOA_X
ClientSampleId :
CLI-109



Tgt Ion: 43 Resp: 4254779
Ion Ratio Lower Upper
43 100
58 28.1 27.7 41.5

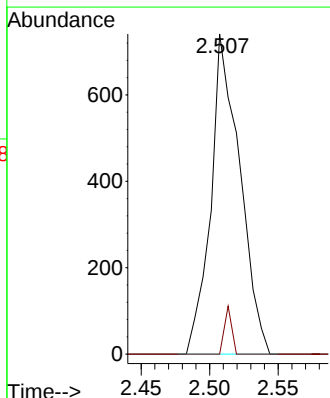
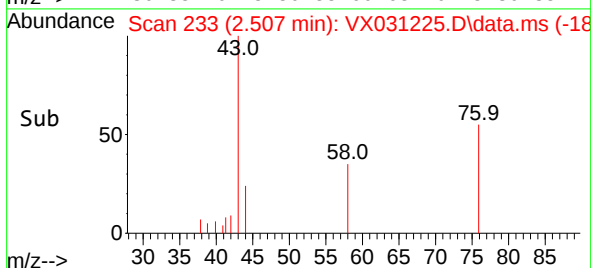
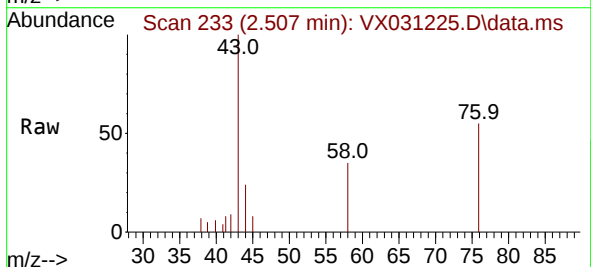
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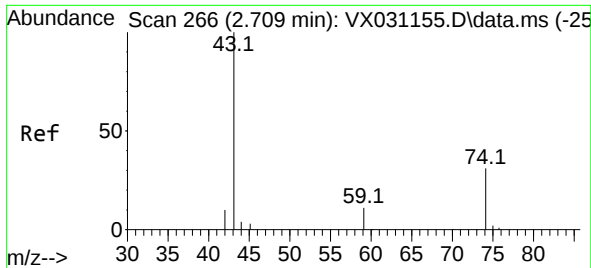
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#17
Carbon Disulfide
Concen: 0.411 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.007 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35

Tgt Ion: 76 Resp: 1092
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#





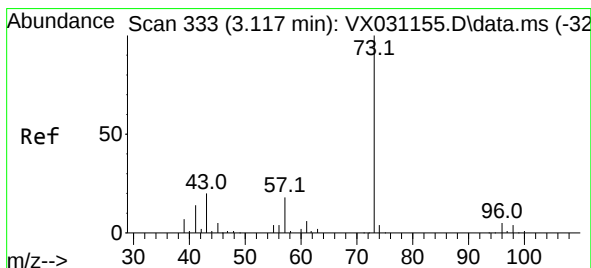
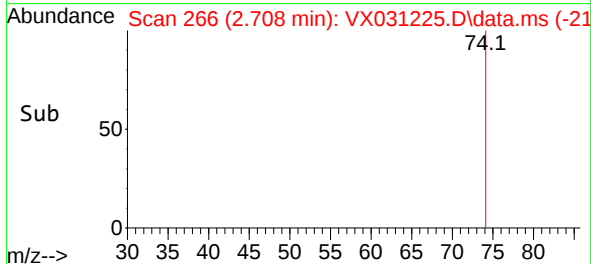
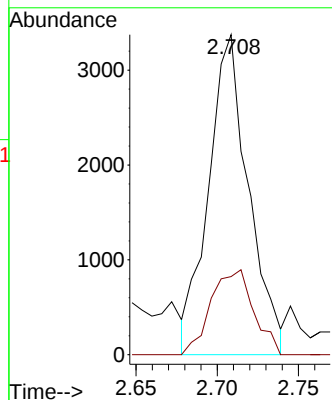
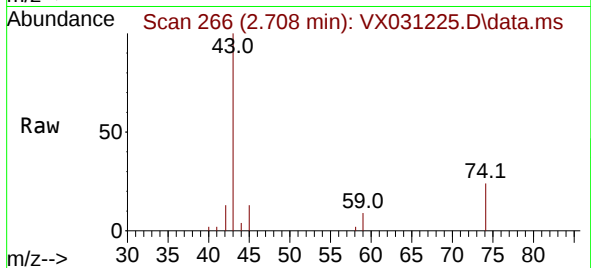
#18
Methyl Acetate
Concen: 4.252 ug/l m
RT: 2.708 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35

Instrument :
MSVOA_X
ClientSampleId :
CLI-109

Tgt Ion: 43 Resp: 577
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2

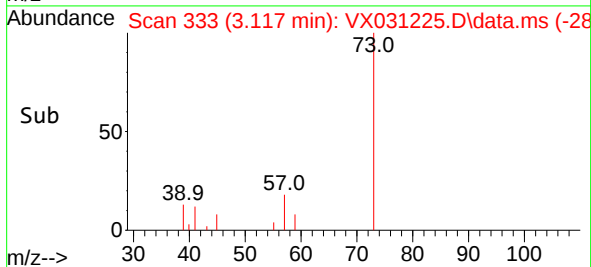
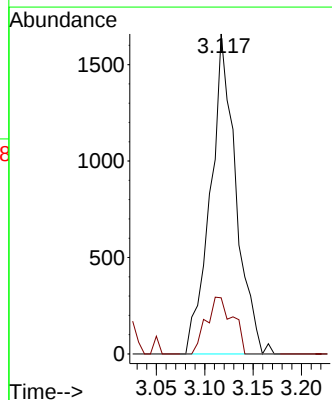
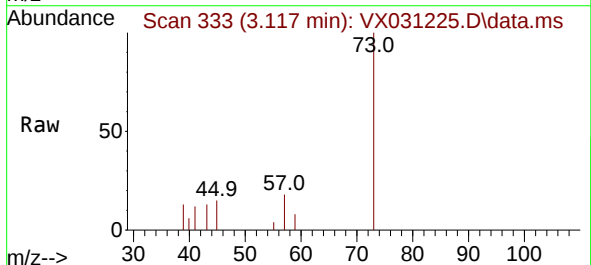
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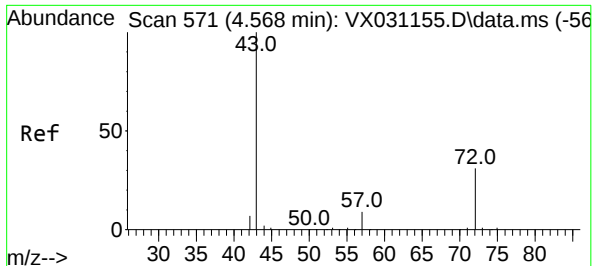
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#19
Methyl tert-butyl Ether
Concen: 0.794 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35

Tgt Ion: 73 Resp: 3046
Ion Ratio Lower Upper
73 100
57 17.5 19.0 28.6





#25

2-Butanone

Concen: 238.895 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.007 min

Lab File: VX031225.D

Acq: 08 Sep 2022 20:35

Instrument :

MSVOA_X

ClientSampleId :

CLI-109

Tgt Ion: 43 Resp: 18566

Ion Ratio Lower Upper

43 100

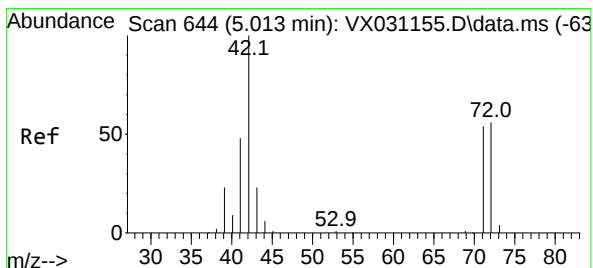
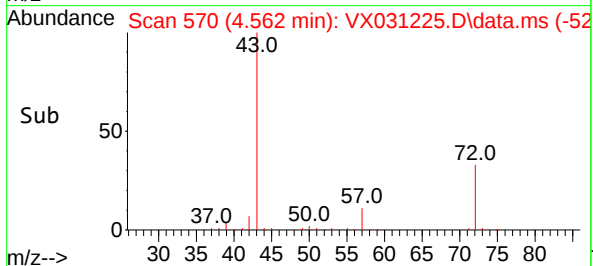
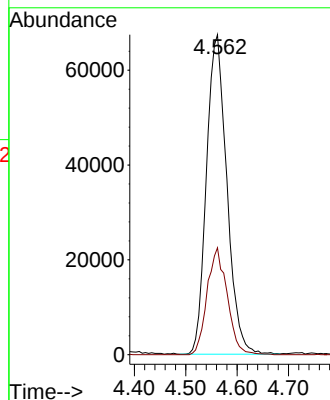
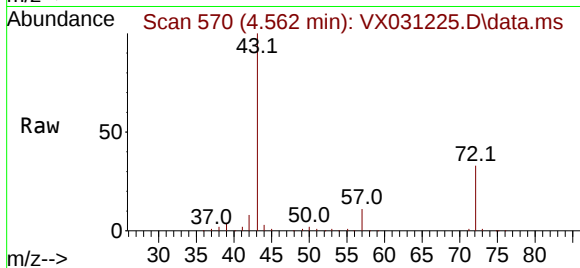
72 33.4 21.7 32.5

Manual Integrations

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Reviewed By :Krupa Patel 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#29

Tetrahydrofuran

Concen: 17.173 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.006 min

Lab File: VX031225.D

Acq: 08 Sep 2022 20:35

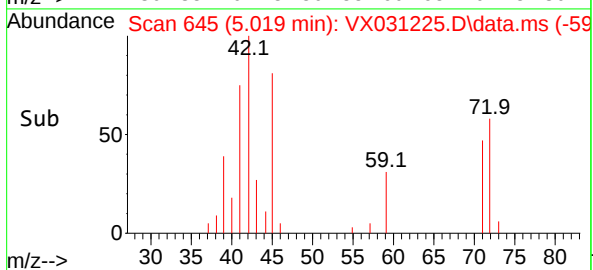
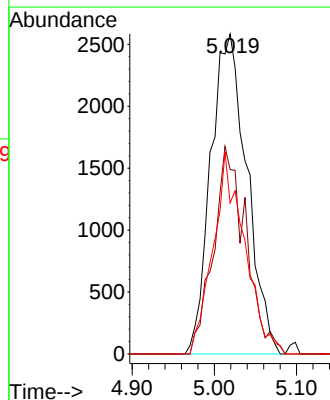
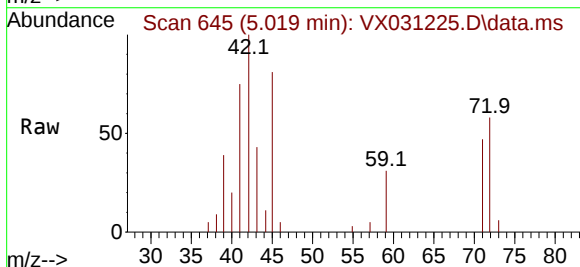
Tgt Ion: 42 Resp: 7880

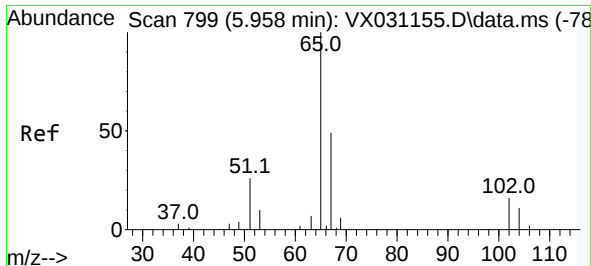
Ion Ratio Lower Upper

42 100

72 58.2 36.5 54.7#

71 55.0 33.9 50.9#





#33

1,2-Dichloroethane-d4

Concen: 57.053 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031225.D

Acq: 08 Sep 2022 20:35

Instrument :

MSVOA_X

ClientSampleId :

CLI-109

Tgt Ion: 65 Resp: 8645

Ion Ratio Lower Upper

65 100

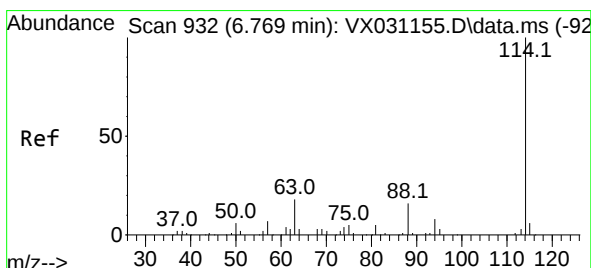
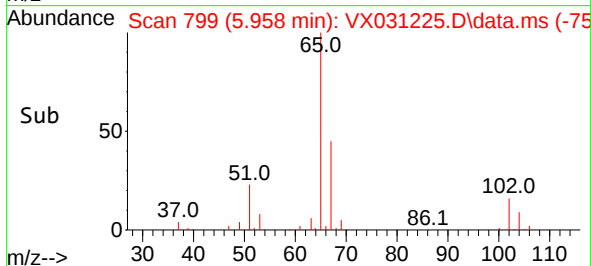
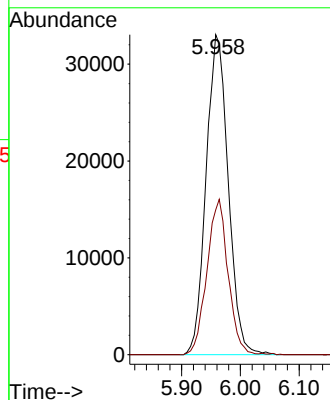
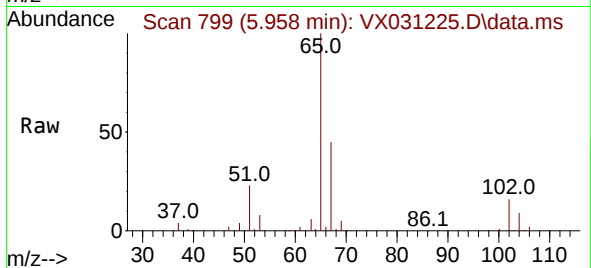
67 46.3 0.0 109.6

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: VX031225.D

Acq: 08 Sep 2022 20:35

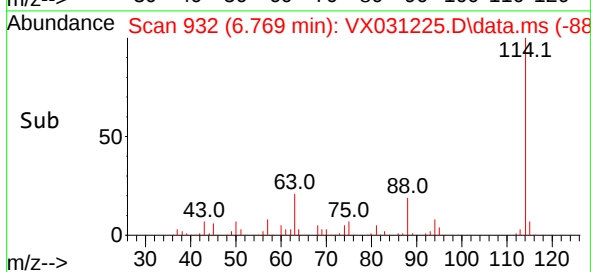
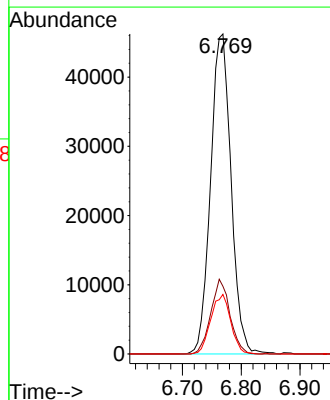
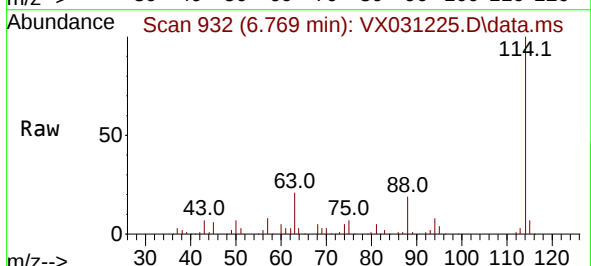
Tgt Ion:114 Resp: 111858

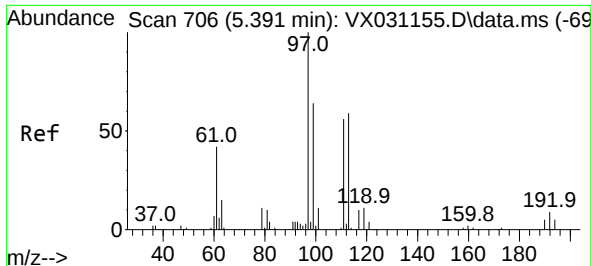
Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.4

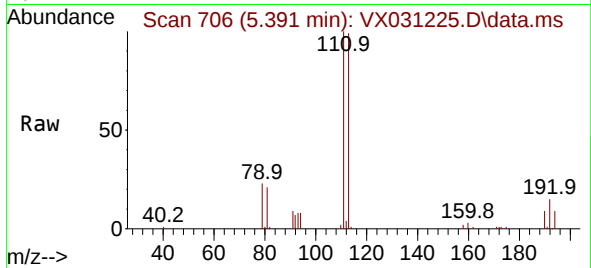
88 18.6 0.0 31.8





#35
Dibromofluoromethane
Concen: 47.959 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35

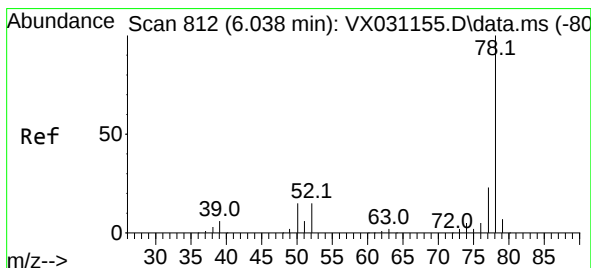
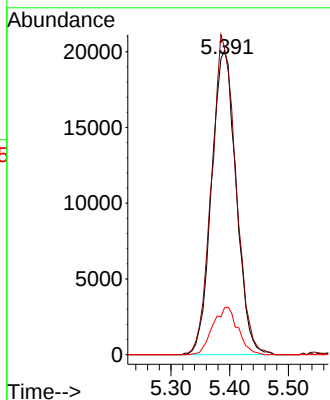
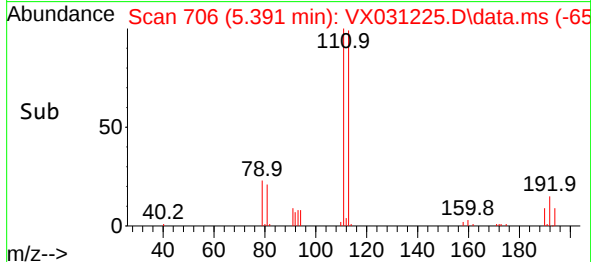
Instrument :
MSVOA_X
ClientSampleId :
CLI-109



Tgt Ion:113 Resp: 58460
Ion Ratio Lower Upper
113 100
111 103.6 83.2 124.8
192 15.9 14.8 22.2

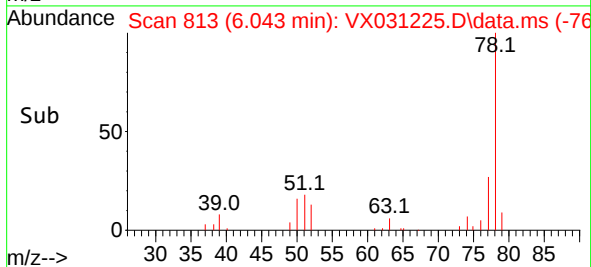
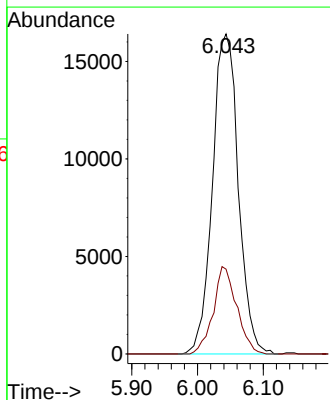
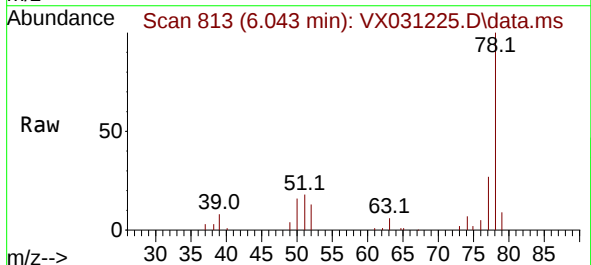
Manual Integrations
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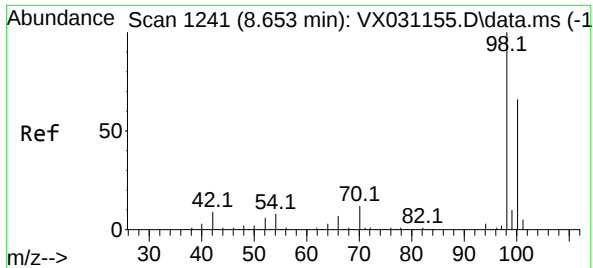
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#40
Benzene
Concen: 9.055 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35

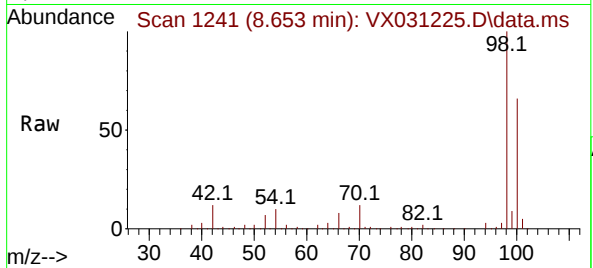
Tgt Ion: 78 Resp: 44905
Ion Ratio Lower Upper
78 100
77 26.5 18.0 27.0





#50
Toluene-d8
Concen: 44.925 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35

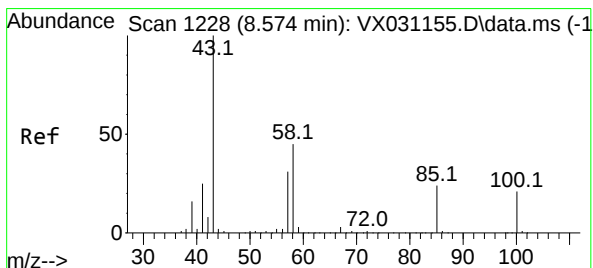
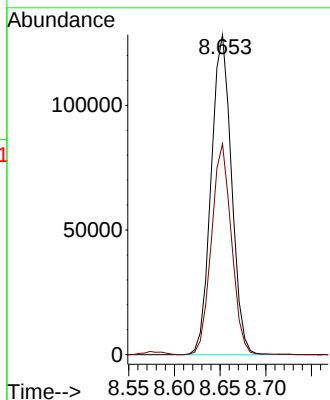
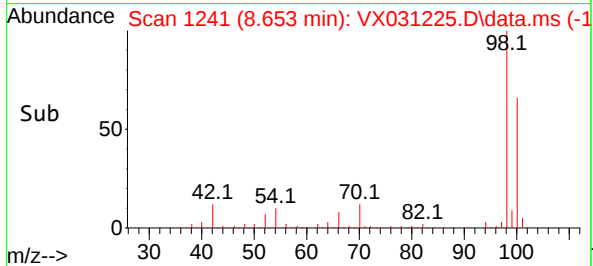
Instrument :
MSVOA_X
ClientSampleId :
CLI-109



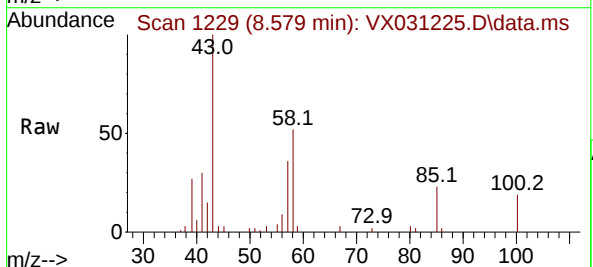
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Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

Manual Integrations
APPROVED

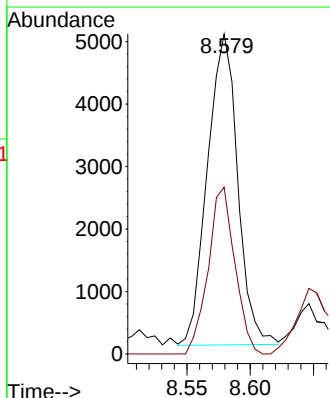
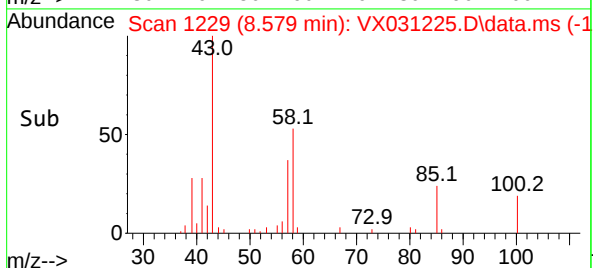
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

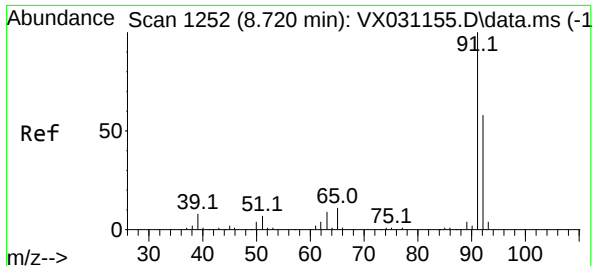


#51
4-Methyl-2-Pentanone
Concen: 5.295 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35



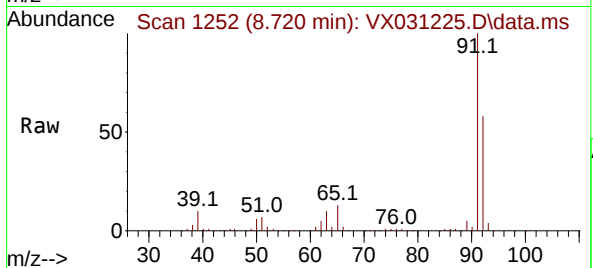
Tgt Ion: 43 Resp: 8279
Ion Ratio Lower Upper
43 100
58 47.3 31.4 47.2#





#52
Toluene
Concen: 226.153 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35

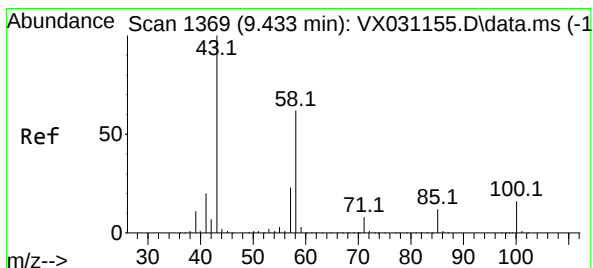
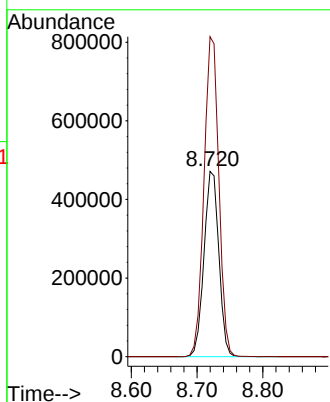
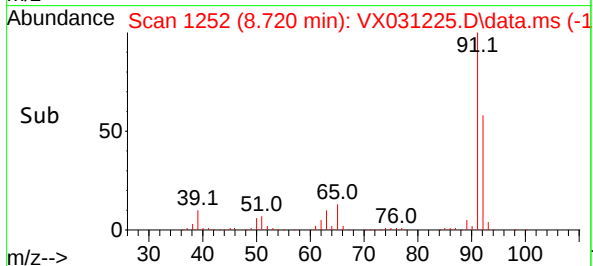
Instrument :
MSVOA_X
ClientSampleId :
CLI-109



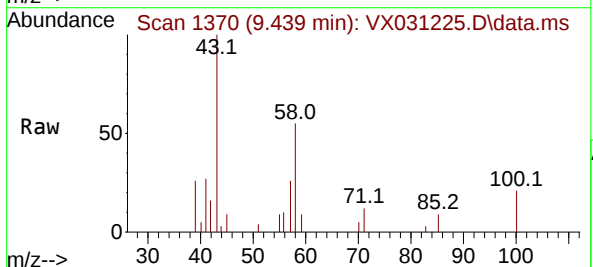
Tgt Ion: 92 Resp: 73969
Ion Ratio Lower Upper
92 100
91 172.7 139.2 208.8

Manual Integrations
APPROVED

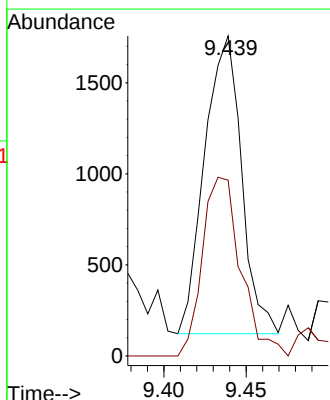
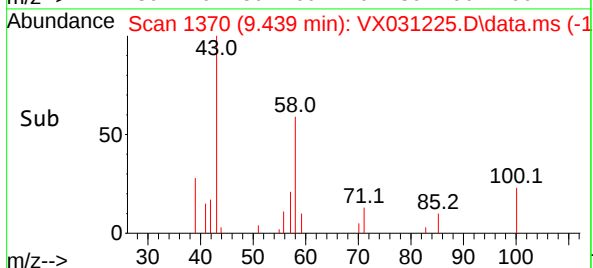
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

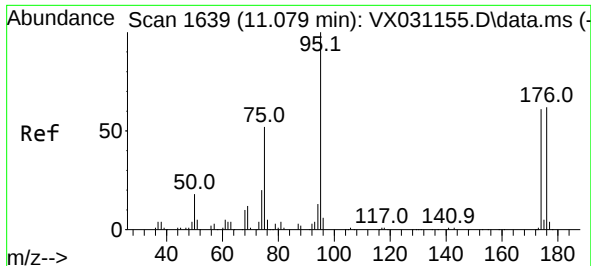


#59
2-Hexanone
Concen: 2.159 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35



Tgt Ion: 43 Resp: 2553
Ion Ratio Lower Upper
43 100
58 62.2 27.6 82.8





#62

4-Bromofluorobenzene

Concen: 50.645 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX031225.D

Acq: 08 Sep 2022 20:35

Instrument :

MSVOA_X

ClientSampleId :

CLI-109

Tgt Ion: 95 Resp: 82190

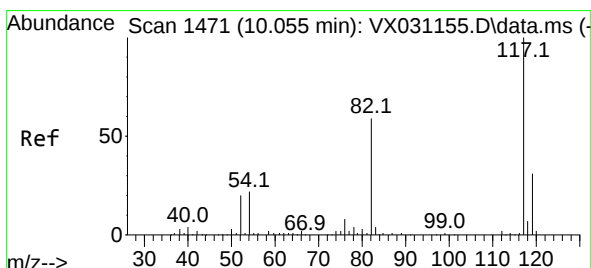
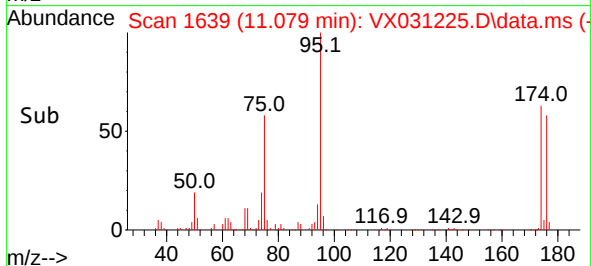
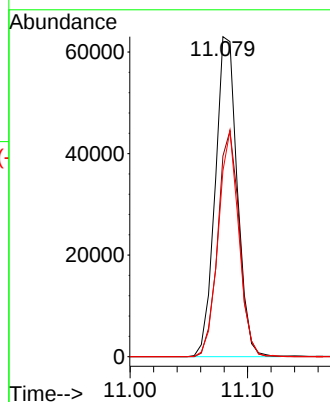
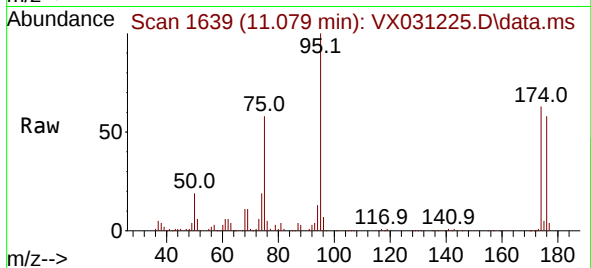
Ion	Ratio	Lower	Upper
95	100		
174	68.5	0.0	149.0
176	65.9	0.0	146.0

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

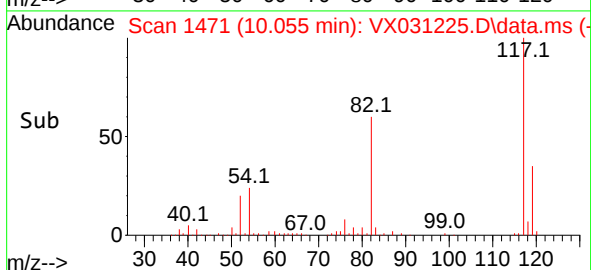
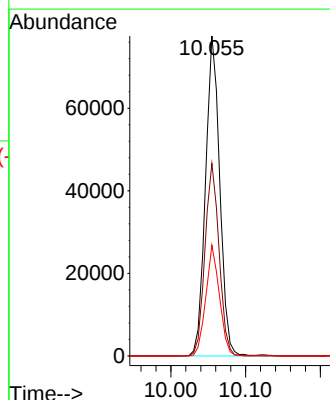
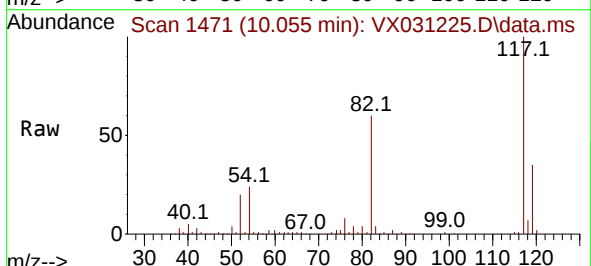
Delta R.T. -0.000 min

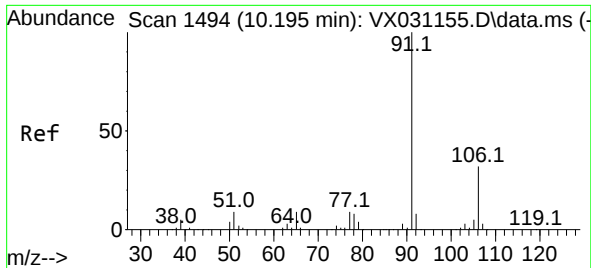
Lab File: VX031225.D

Acq: 08 Sep 2022 20:35

Tgt Ion:117 Resp: 102603

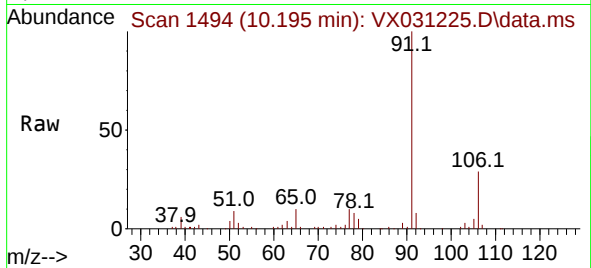
Ion	Ratio	Lower	Upper
117	100		
82	60.1	42.7	64.1
119	34.6	25.4	38.2





#67
Ethyl Benzene
Concen: 8.146 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35

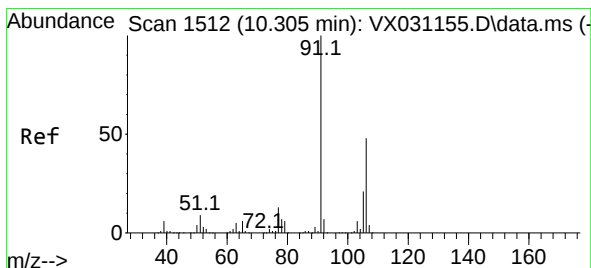
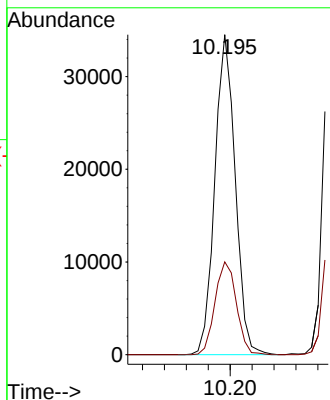
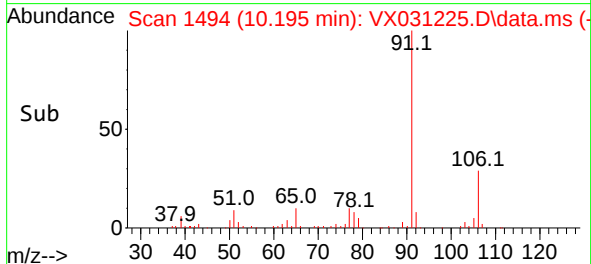
Instrument :
MSVOA_X
ClientSampleId :
CLI-109



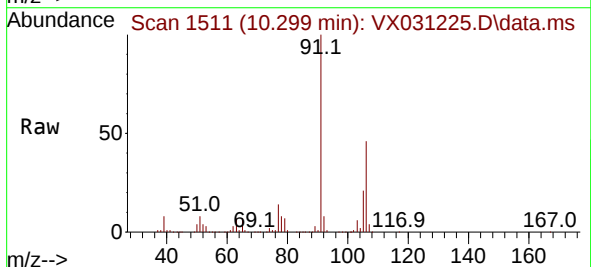
Tgt Ion: 91 Resp: 44590
Ion Ratio Lower Upper
91 100
106 29.0 25.5 38.3

Manual Integrations
APPROVED

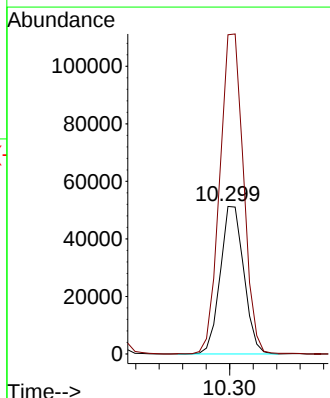
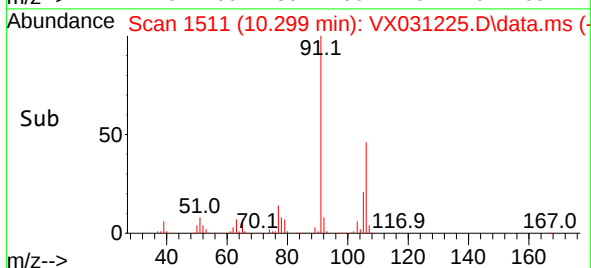
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

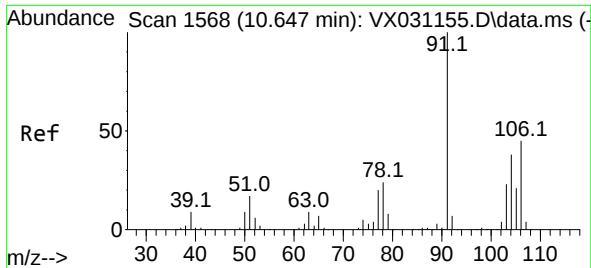


#68
m/p-Xylenes
Concen: 35.209 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.007 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35



Tgt Ion:106 Resp: 71451
Ion Ratio Lower Upper
106 100
91 218.7 158.2 237.4





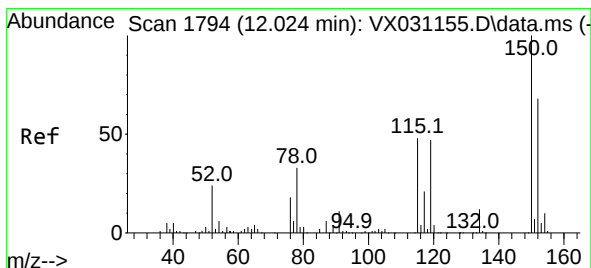
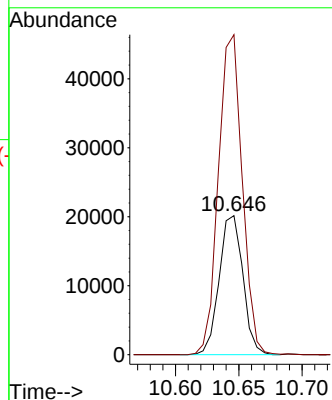
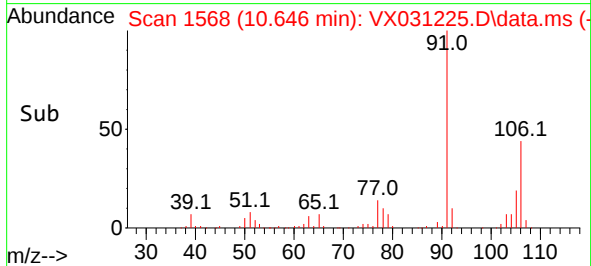
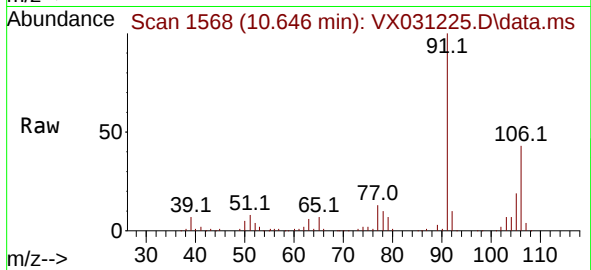
#69
o-Xylene
Concen: 12.961 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35

Instrument :
MSVOA_X
ClientSampleId :
CLI-109

Tgt Ion:106 Resp: 26250
Ion Ratio Lower Upper
106 100
91 231.9 103.8 311.6

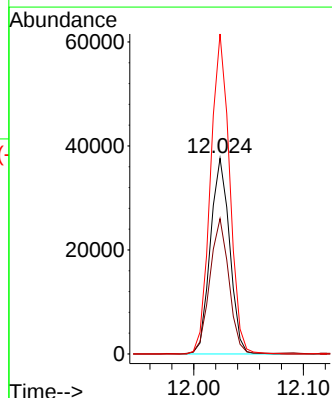
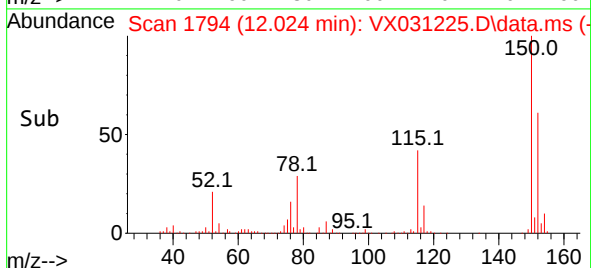
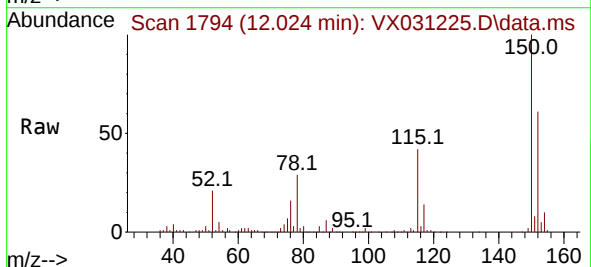
Manual Integrations
APPROVED

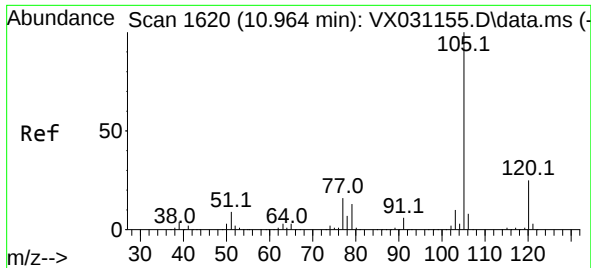
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35

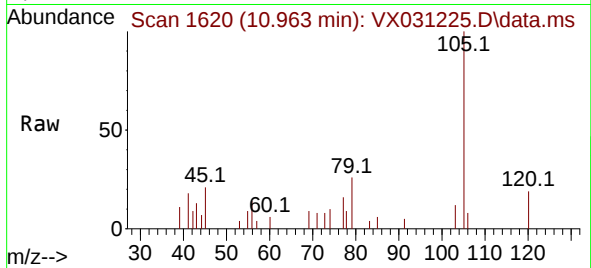
Tgt Ion:152 Resp: 45905
Ion Ratio Lower Upper
152 100
115 69.2 40.5 121.5
150 162.5 0.0 347.0





#73
Isopropylbenzene
Concen: 0.338 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35

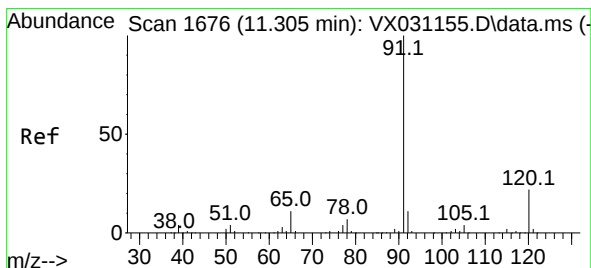
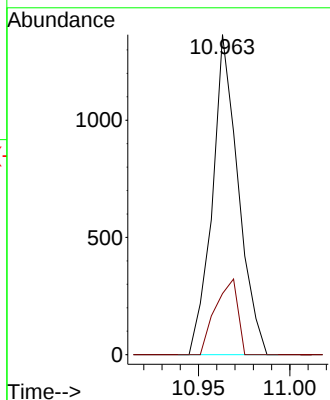
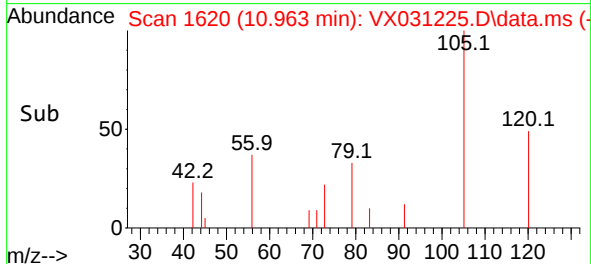
Instrument :
MSVOA_X
ClientSampleId :
CLI-109



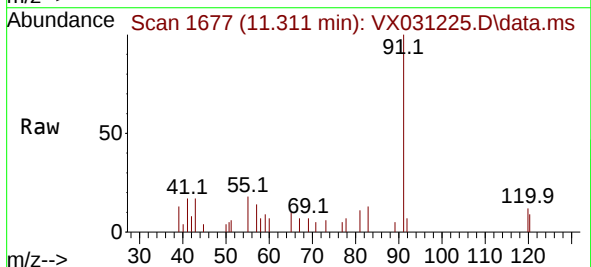
Tgt Ion:105 Resp: 1348
Ion Ratio Lower Upper
105 100
120 20.3 13.5 40.4

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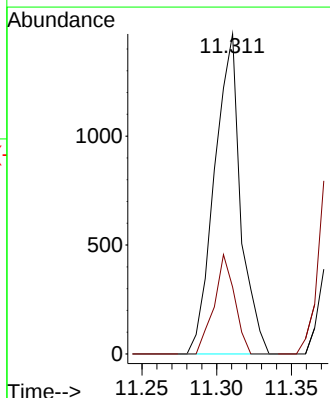
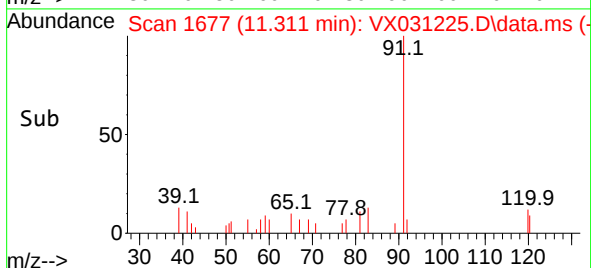
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

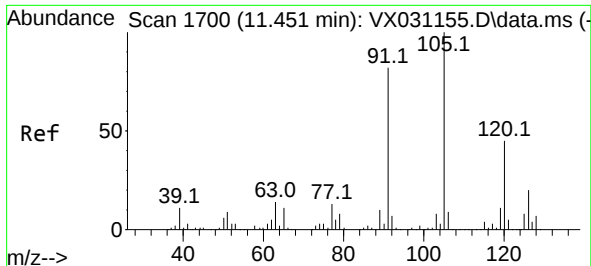


#78
n-propylbenzene
Concen: 0.393 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35



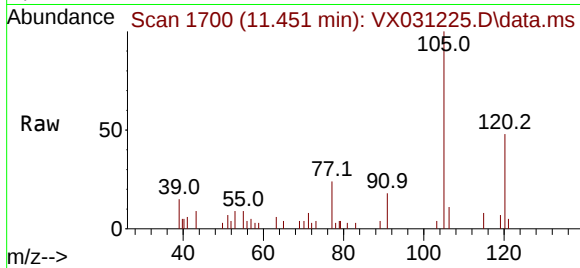
Tgt Ion: 91 Resp: 1786
Ion Ratio Lower Upper
91 100
120 24.4 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 0.773 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35

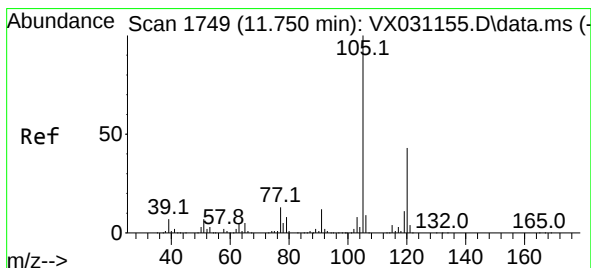
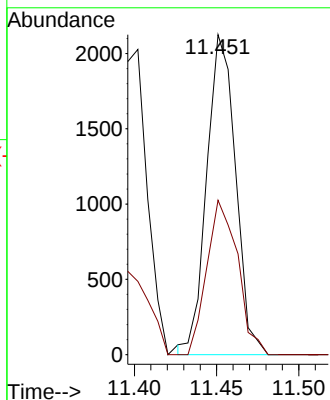
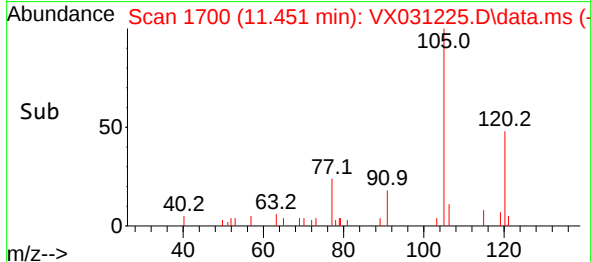
Instrument :
MSVOA_X
ClientSampleId :
CLI-109



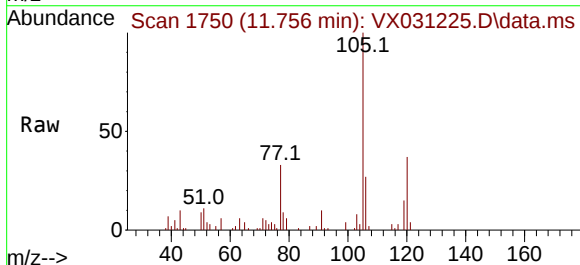
Tgt Ion:105 Resp: 2589
Ion Ratio Lower Upper
105 100
120 51.7 24.4 73.2

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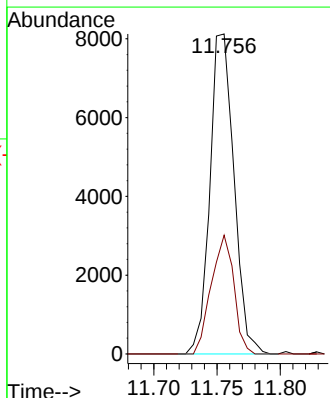
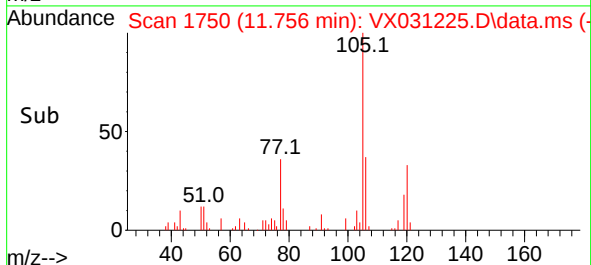
Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

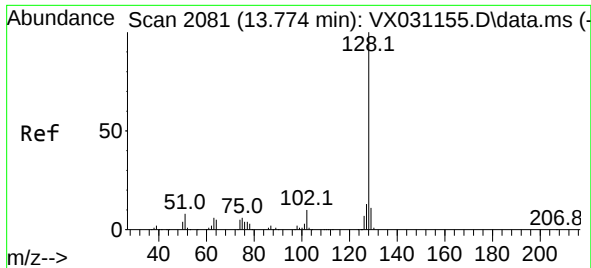


#84
1,2,4-Trimethylbenzene
Concen: 3.301 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35



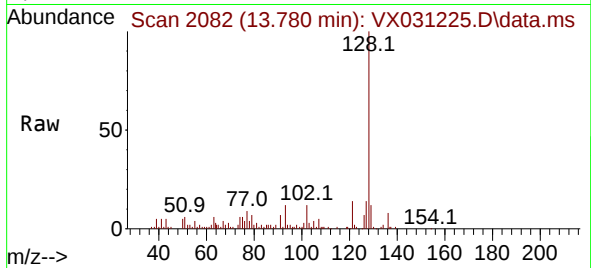
Tgt Ion:105 Resp: 10756
Ion Ratio Lower Upper
105 100
120 34.7 22.9 68.8





#95
Naphthalene
Concen: 7.115 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031225.D
Acq: 08 Sep 2022 20:35

Instrument :
MSVOA_X
ClientSampleId :
CLI-109



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.2
129	13.7	8.6	13.0

Manual Integrations
APPROVED

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

