

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031522.D
 Acq On : 21 Sep 2022 14:19
 Operator : JC/MD
 Sample : N4726-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CLI-0620

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 01:13:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	73231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75653	56.363	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.720%			
35) Dibromofluoromethane	5.391	113	65404	51.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.920%			
50) Toluene-d8	8.653	98	256212	52.777	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.560%			
62) 4-Bromofluorobenzene	11.079	95	92848	56.463	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.920%			
Target Compounds					Qvalue	
16) Acetone	2.392	43	73986	132.893	ug/l	95
18) Methyl Acetate	2.709	43	1857	0.925	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	18196	4.414	ug/l	95
22) Diisopropyl ether	3.764	45	7819	1.942	ug/l #	82
25) 2-Butanone	4.574	43	7798	7.521	ug/l	96
39) Methylcyclohexane	7.379	83	1395	0.585	ug/l #	72
40) Benzene	6.044	78	206234	35.691	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1253	0.549	ug/l	96
52) Toluene	8.720	92	1299646	344.869	ug/l	99
67) Ethyl Benzene	10.195	91	393866	63.786	ug/l	99
68) m/p-Xylenes	10.305	106	945547	381.042	ug/l	96
69) o-Xylene	10.647	106	440910	186.152	ug/l	95
73) Isopropylbenzene	10.964	105	21406	4.507	ug/l	99
78) n-propylbenzene	11.305	91	44484	8.140	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	159394	39.542	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	847139	213.390	ug/l	97
85) sec-Butylbenzene	11.890	105	4099m	0.829	ug/l	
86) p-Isopropyltoluene	12.012	119	3807m	0.912	ug/l	
95) Naphthalene	13.774	128	628261	137.780	ug/l	100

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

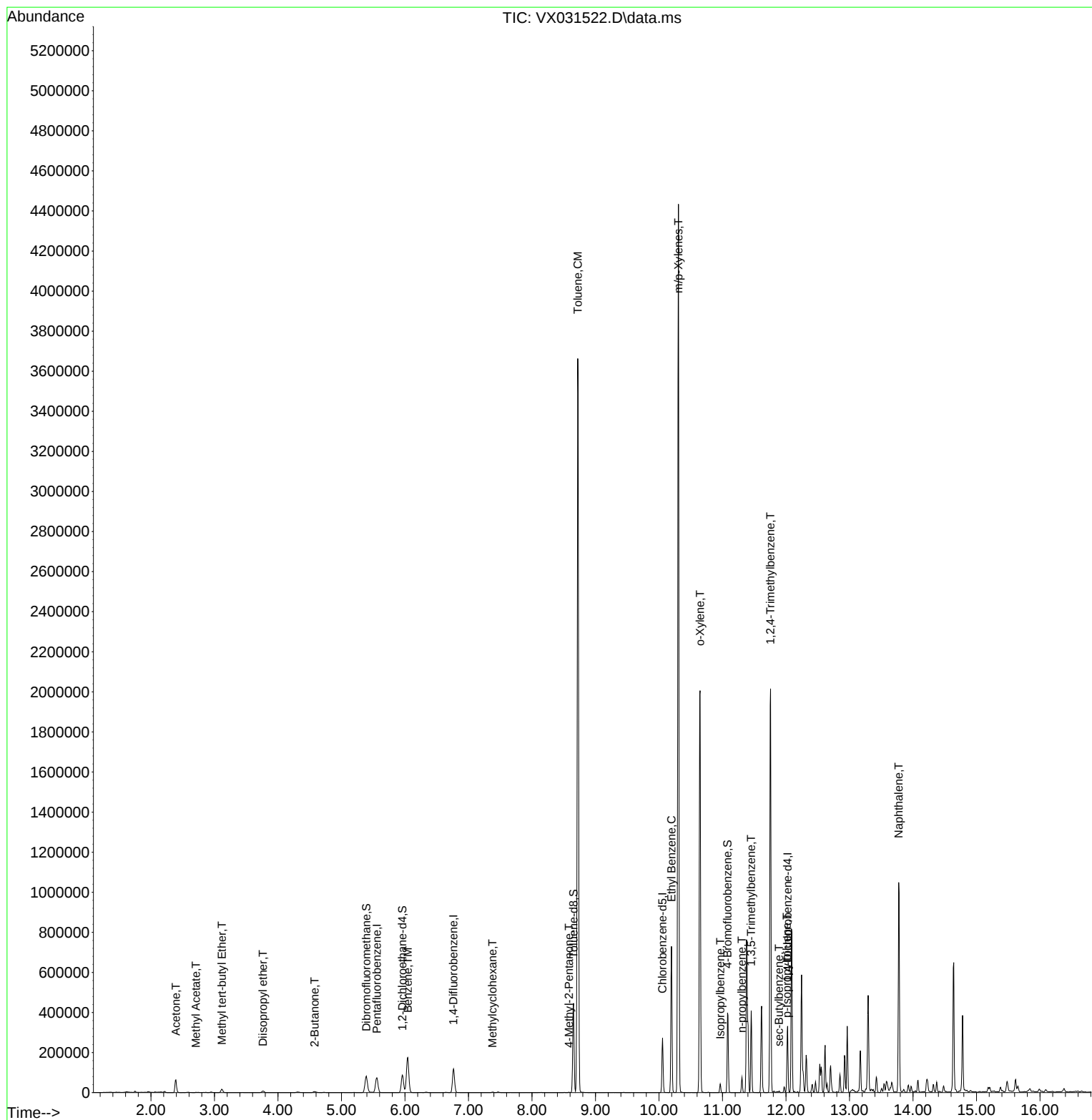
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031522.D
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Operator : JC/MD
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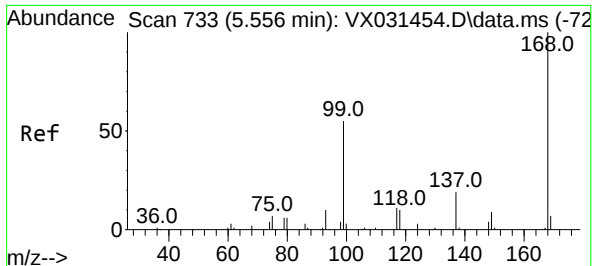
Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

Manual Integrations
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Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

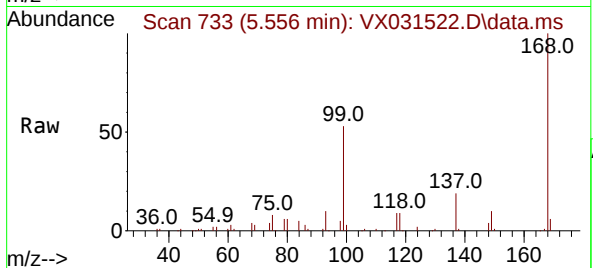
Quant Time: Sep 22 01:13:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

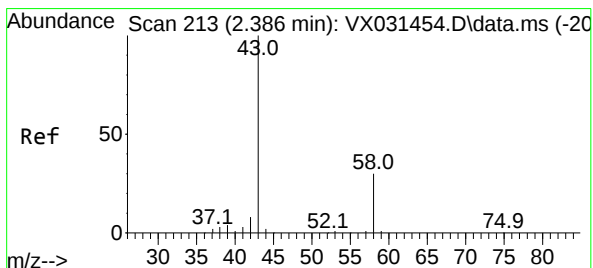
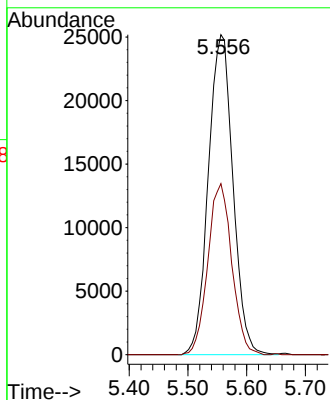
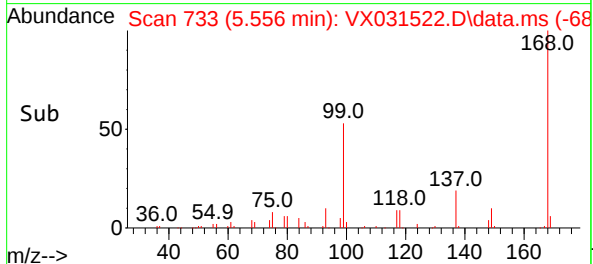
Instrument :
MSVOA_X
ClientSampleId :
CLI-0620



Tgt Ion:168 Resp: 7323
Ion Ratio Lower Upper
168 100
99 53.4 48.8 73.2

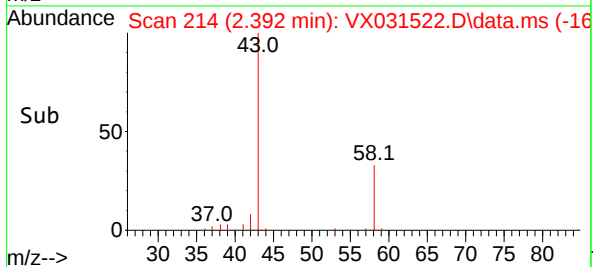
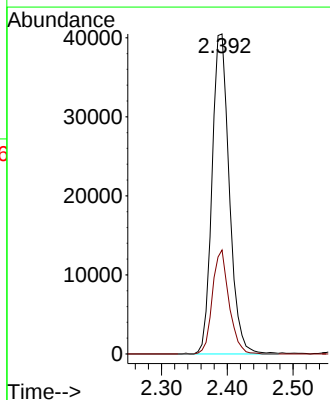
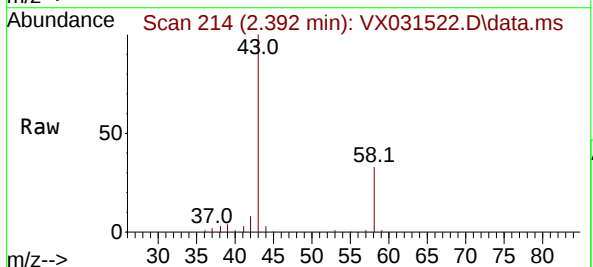
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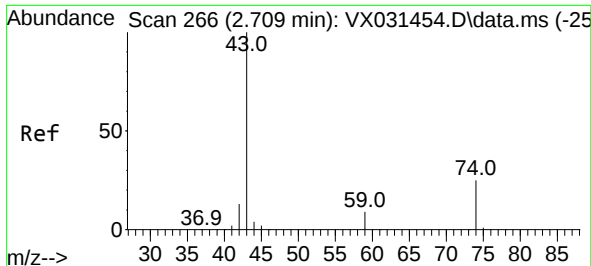
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#16
Acetone
Concen: 132.893 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

Tgt Ion: 43 Resp: 73986
Ion Ratio Lower Upper
43 100
58 32.5 23.8 35.8





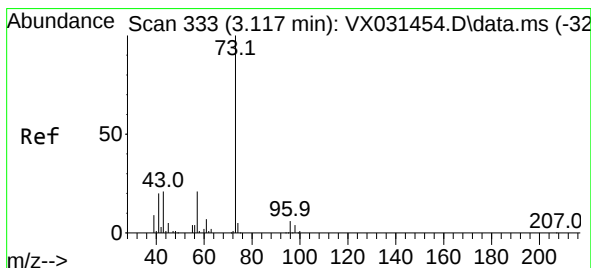
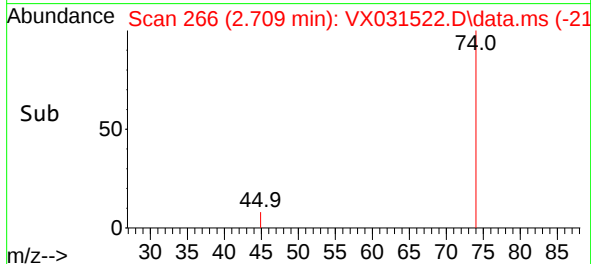
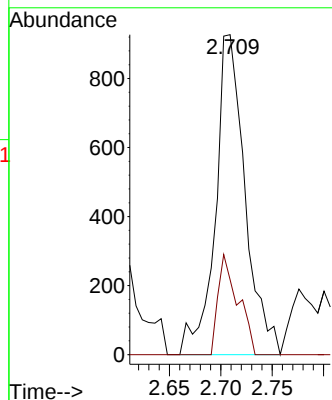
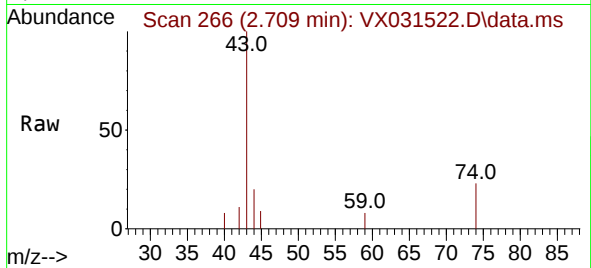
#18
Methyl Acetate
Concen: 0.925 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

Tgt Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
74 20.9 18.6 27.8

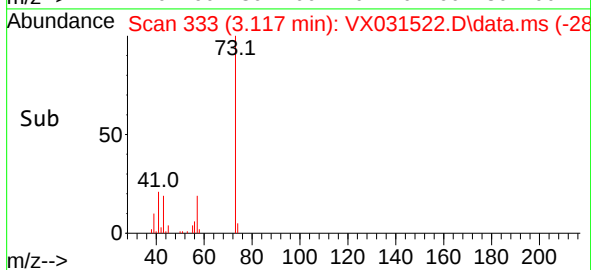
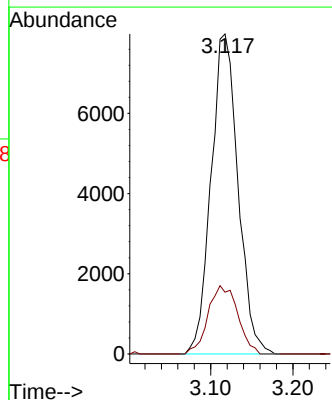
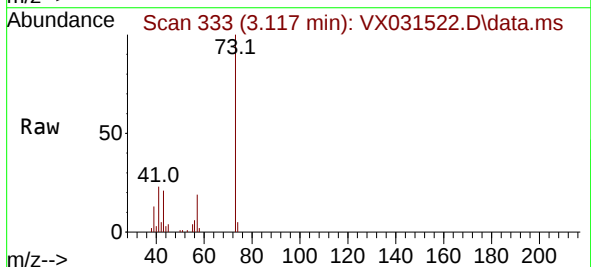
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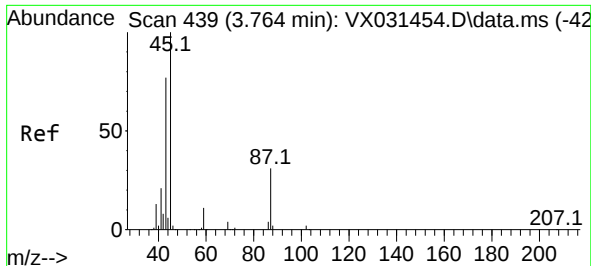
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#19
Methyl tert-butyl Ether
Concen: 4.414 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

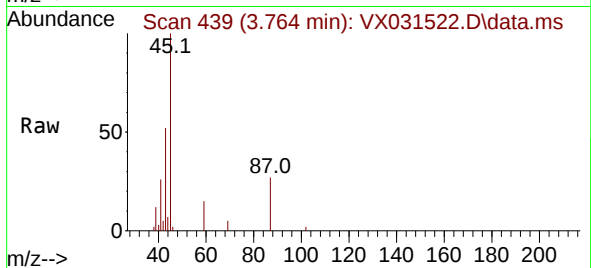
Tgt Ion: 73 Resp: 18196
Ion Ratio Lower Upper
73 100
57 19.3 17.2 25.8





#22
Diisopropyl ether
Concen: 1.942 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

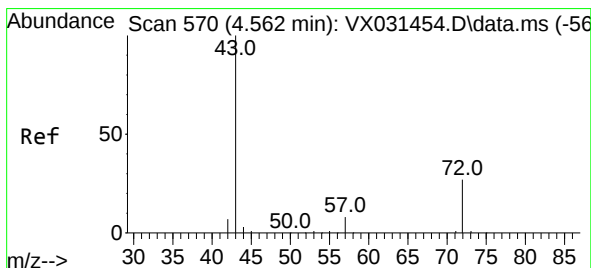
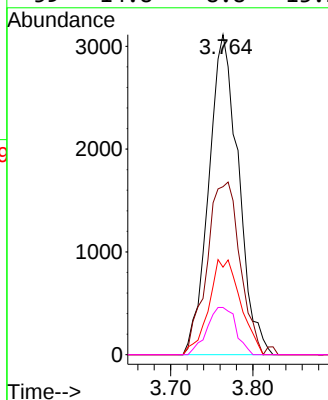
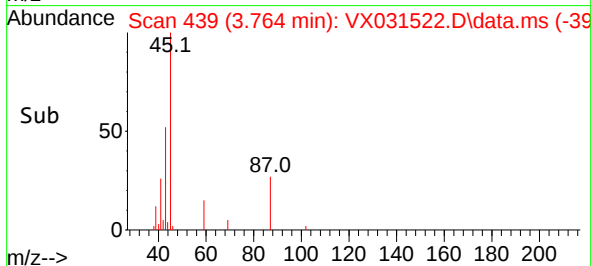
Instrument :
MSVOA_X
ClientSampleId :
CLI-0620



Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.5	59.0	88.6
87	27.4	22.6	33.8
59	14.8	8.8	13.2

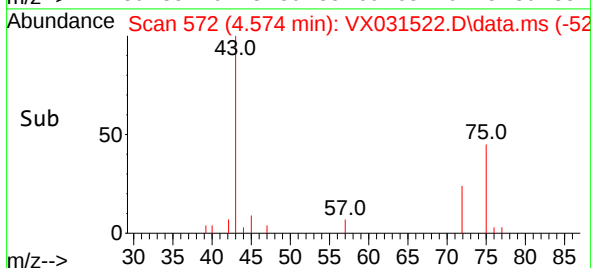
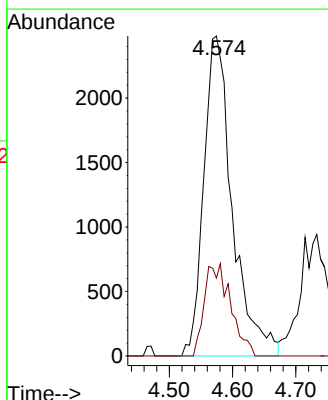
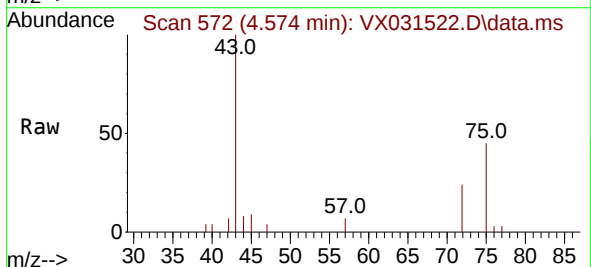
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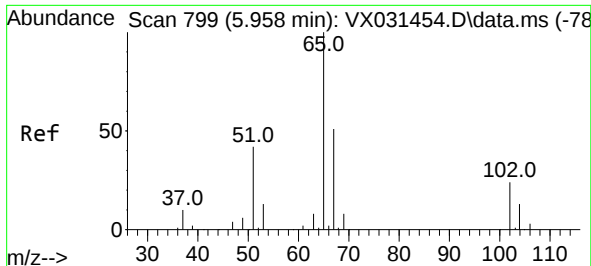
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#25
2-Butanone
Concen: 7.521 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.4	21.1	31.7





#33

1,2-Dichloroethane-d4

Concen: 56.363 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031522.D

Acq: 21 Sep 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

CLI-0620

Tgt Ion: 65 Resp: 7565

Ion Ratio Lower Upper

65 100

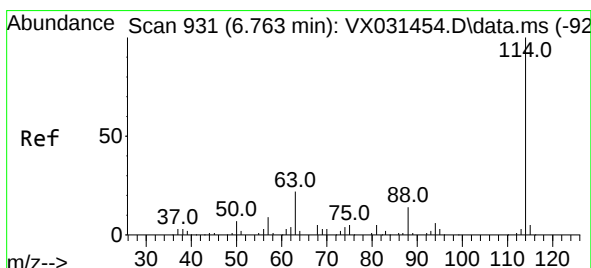
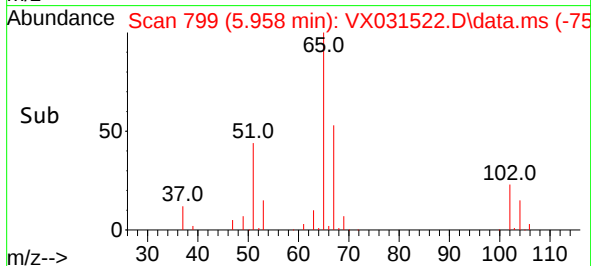
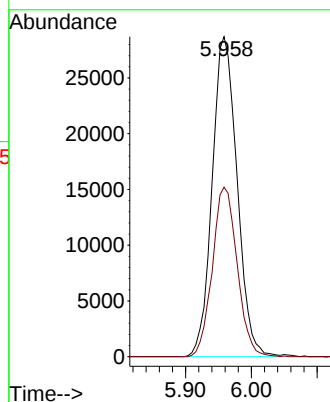
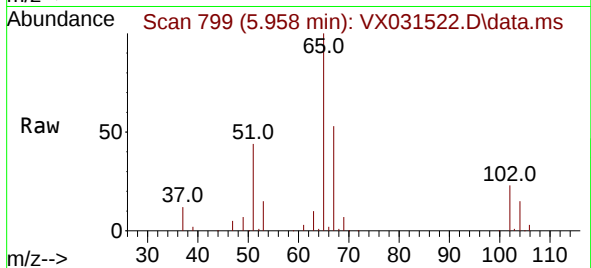
67 52.7 0.0 102.4

Manual Integrations

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Reviewed By :Krupa Patel 09/22/2022

Supervised By :Mahesh Dadoda 09/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031522.D

Acq: 21 Sep 2022 14:19

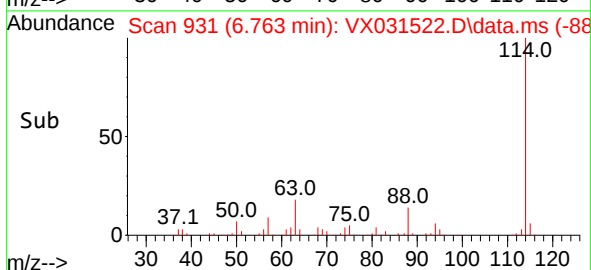
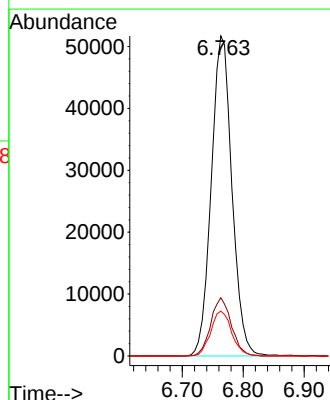
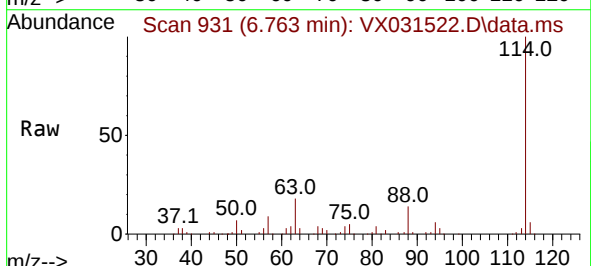
Tgt Ion:114 Resp: 121850

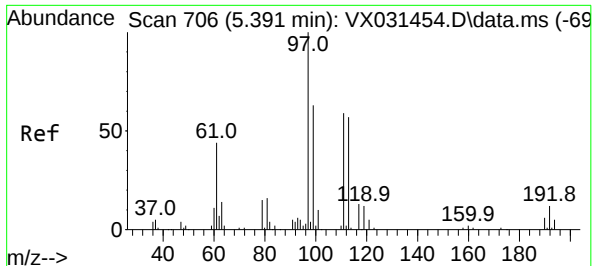
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.6

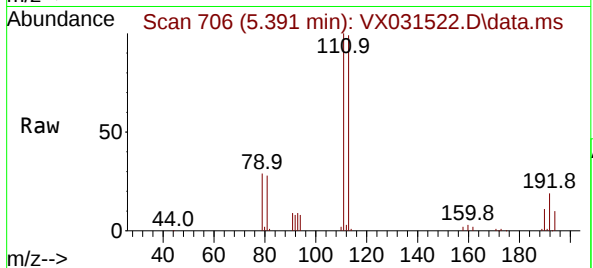
88 14.0 0.0 33.0





#35
Dibromofluoromethane
Concen: 51.959 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

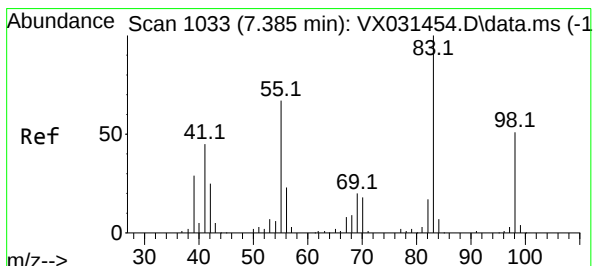
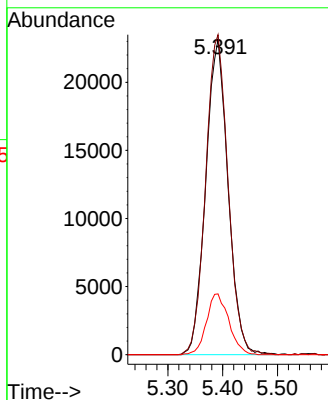
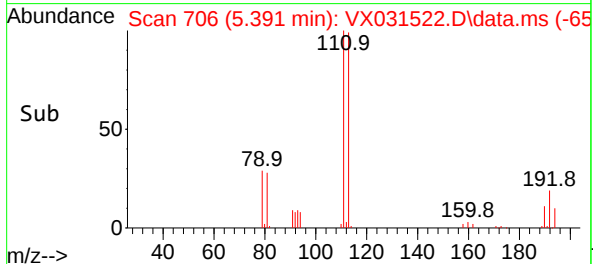
Instrument :
MSVOA_X
ClientSampleId :
CLI-0620



Tgt Ion: 113 Resp: 65404
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.3 14.1 21.1

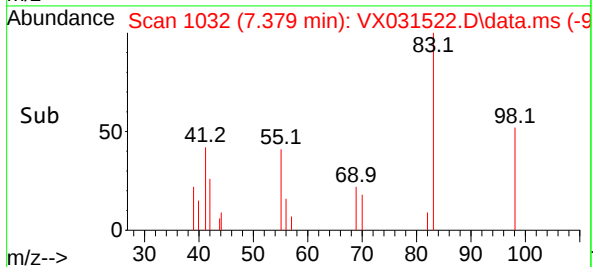
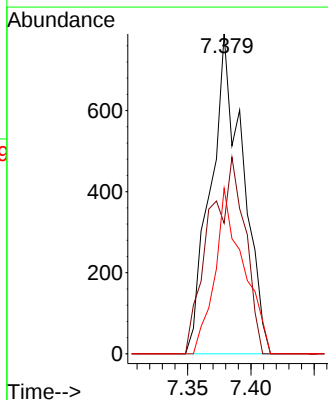
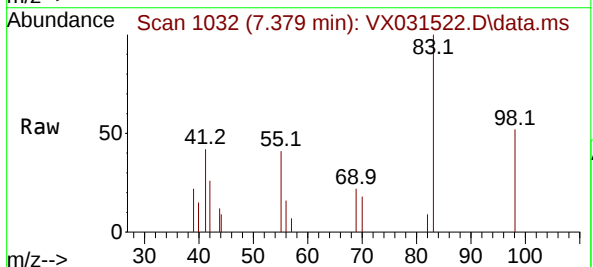
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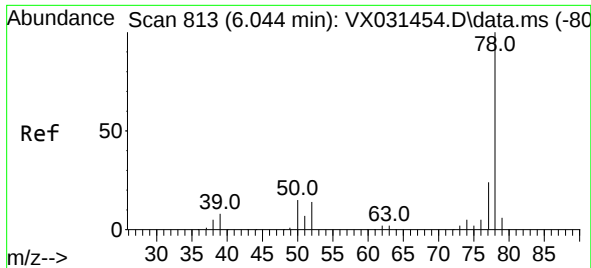
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#39
Methylcyclohexane
Concen: 0.585 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

Tgt Ion: 83 Resp: 1395
Ion Ratio Lower Upper
83 100
55 40.8 61.0 91.4#
98 51.7 37.7 56.5





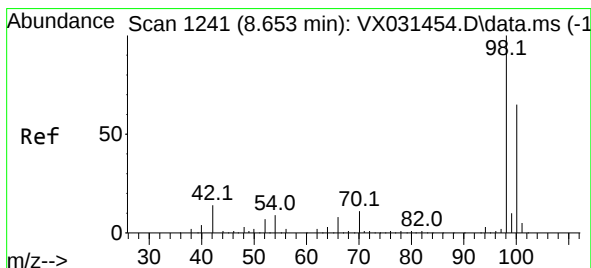
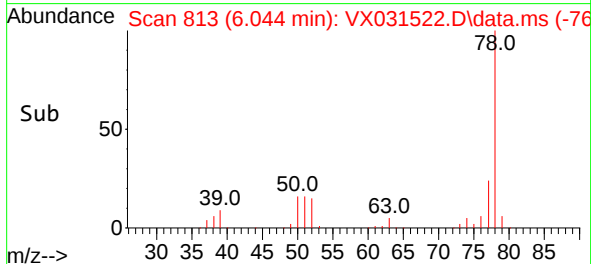
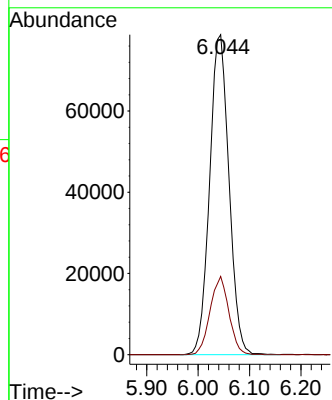
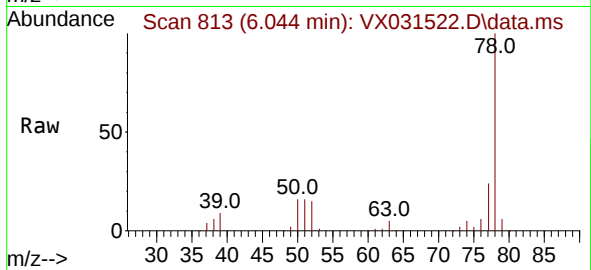
#40
Benzene
Concen: 35.691 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

Tgt Ion: 78 Resp: 206234
Ion Ratio Lower Upper
78 100
77 24.4 18.7 28.1

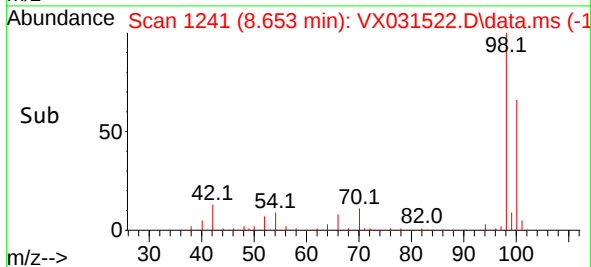
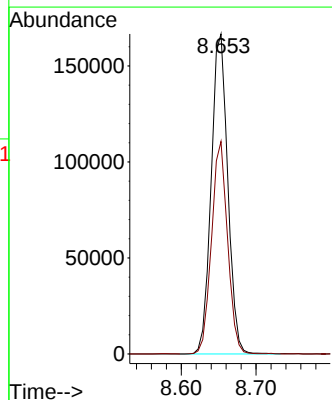
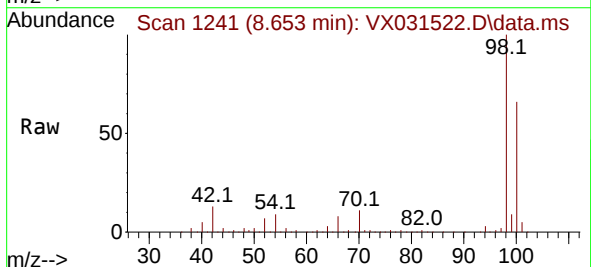
Manual Integrations
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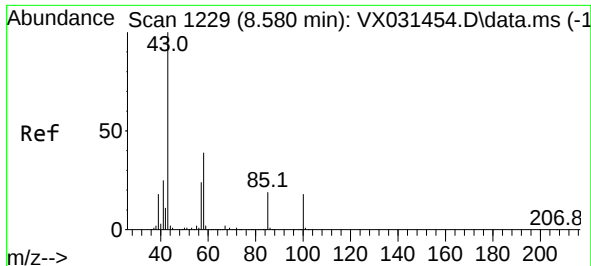
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#50
Toluene-d8
Concen: 52.777 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

Tgt Ion: 98 Resp: 256212
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7





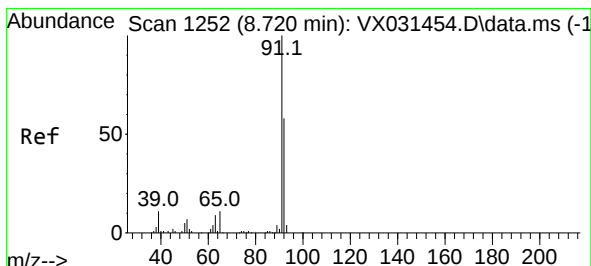
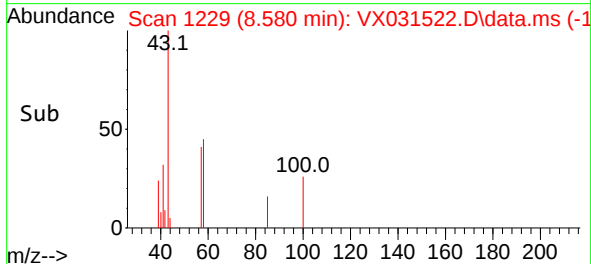
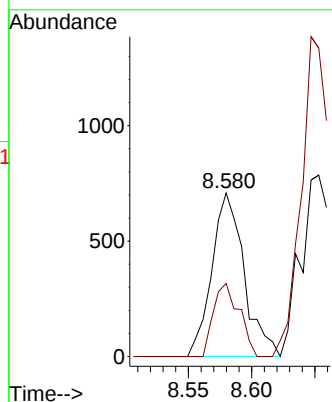
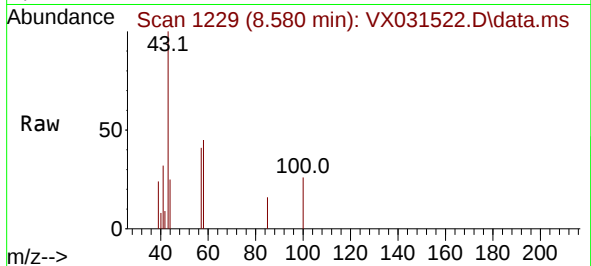
#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
58 35.8 30.6 46.0

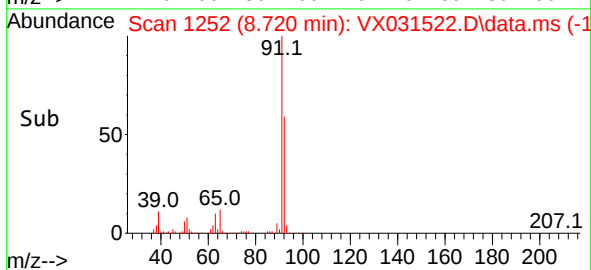
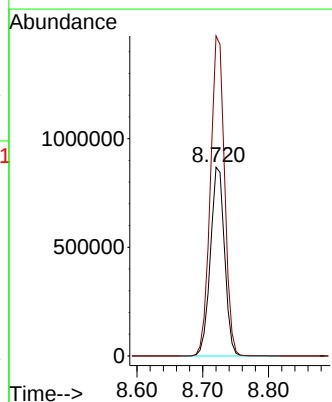
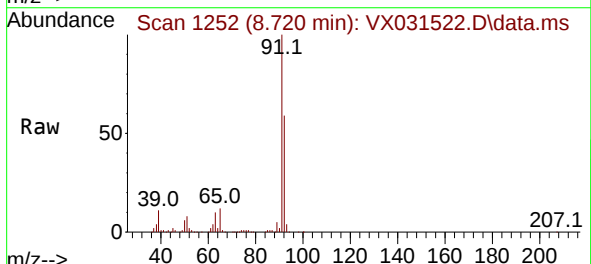
Manual Integrations
APPROVED

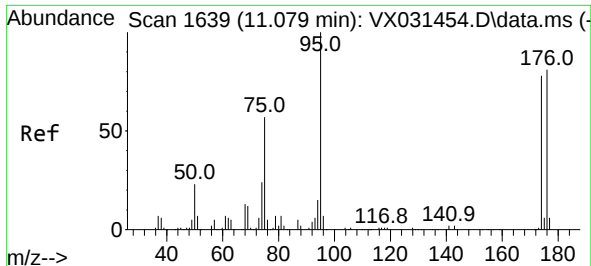
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#52
Toluene
Concen: 344.869 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

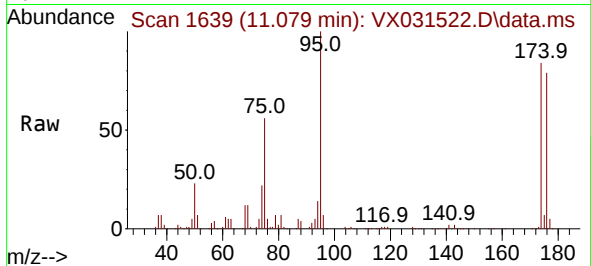
Tgt Ion: 92 Resp: 1299646
Ion Ratio Lower Upper
92 100
91 170.2 137.1 205.7





#62
4-Bromofluorobenzene
Concen: 56.463 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

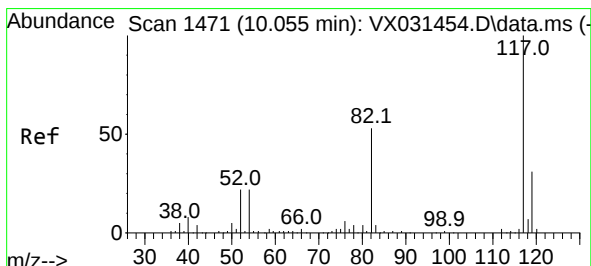
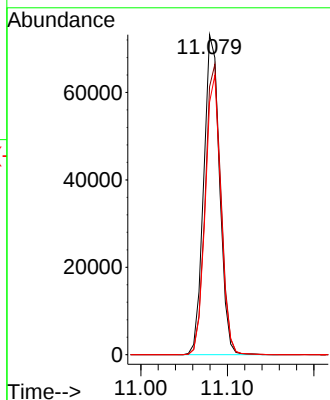
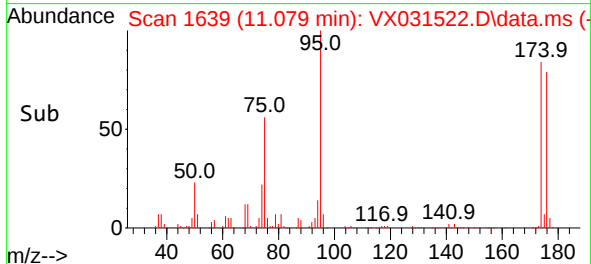
Instrument :
MSVOA_X
ClientSampleId :
CLI-0620



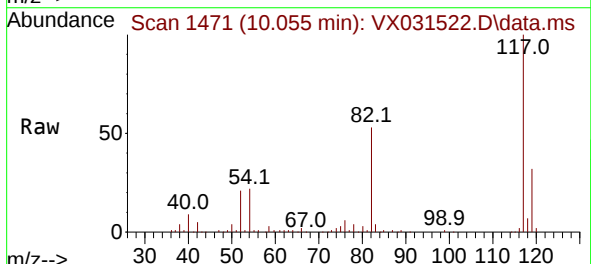
Tgt Ion: 95 Resp: 92848
Ion Ratio Lower Upper
95 100
174 90.6 0.0 153.2
176 86.6 0.0 144.0

Manual Integrations
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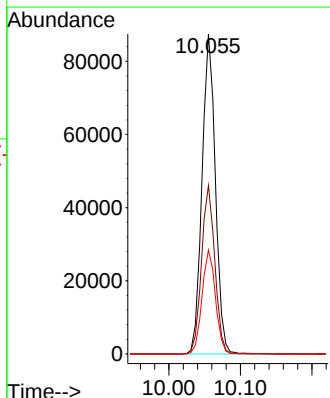
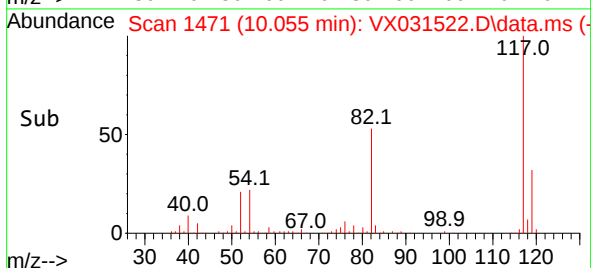
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

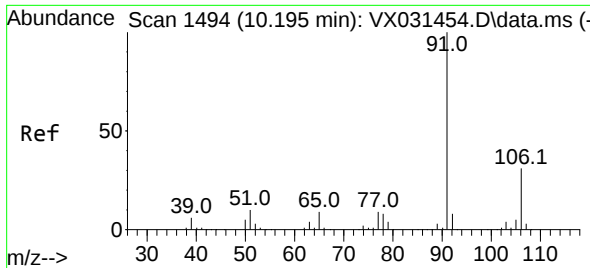


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19



Tgt Ion:117 Resp: 113408
Ion Ratio Lower Upper
117 100
82 52.7 46.8 70.2
119 32.5 26.4 39.6





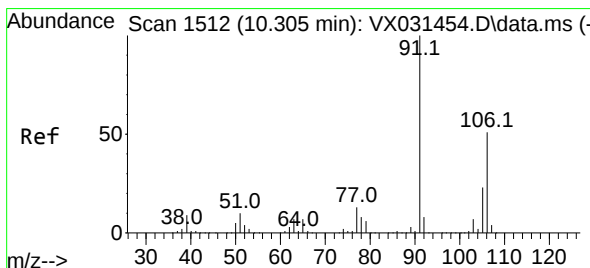
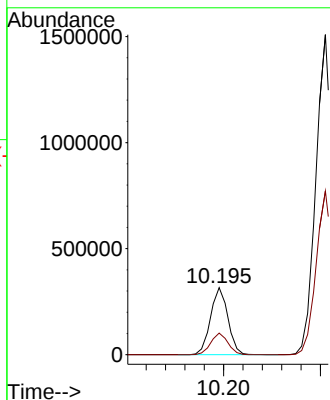
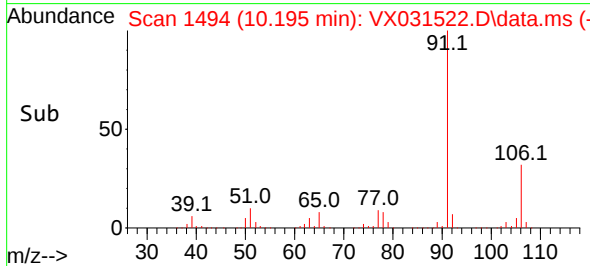
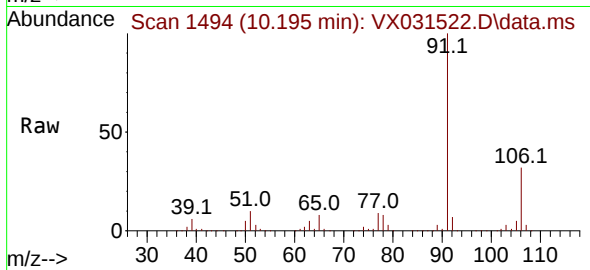
#67
Ethyl Benzene
Concen: 63.786 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

Tgt Ion: 91 Resp: 393860
Ion Ratio Lower Upper
91 100
106 32.3 25.2 37.8

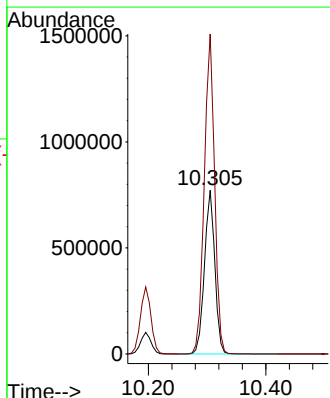
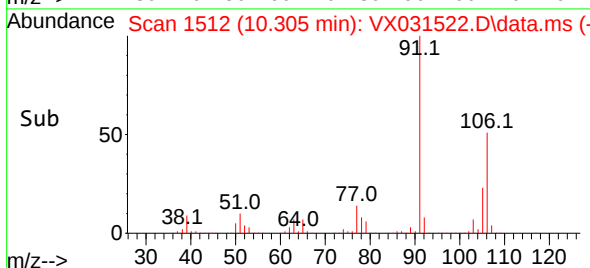
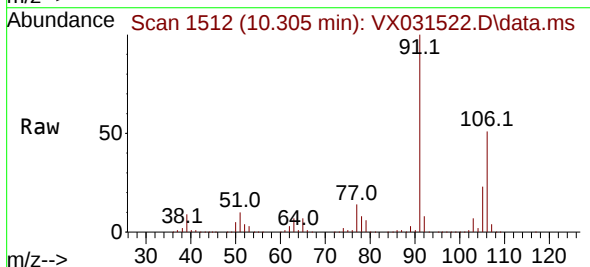
Manual Integrations
APPROVED

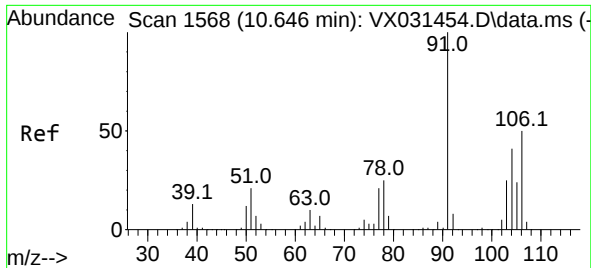
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#68
m/p-Xylenes
Concen: 381.042 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

Tgt Ion:106 Resp: 945547
Ion Ratio Lower Upper
106 100
91 194.6 161.0 241.4





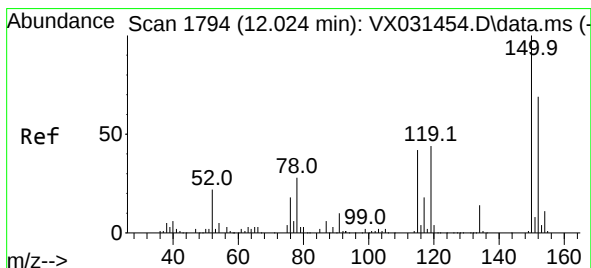
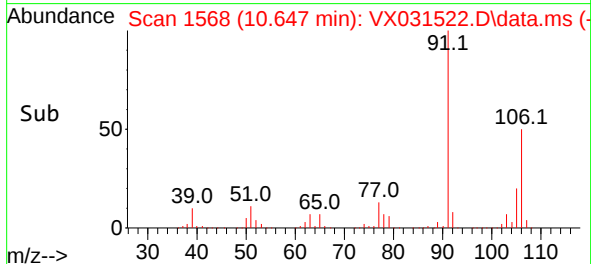
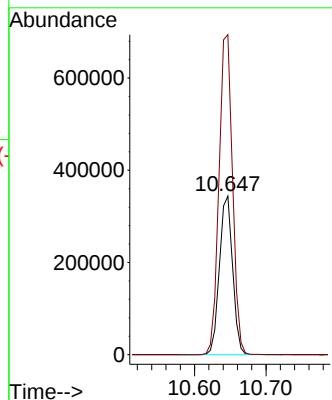
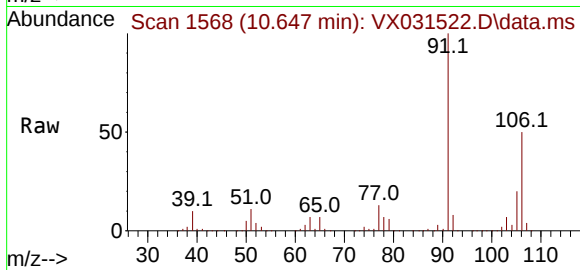
#69
o-Xylene
Concen: 186.152 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

Tgt Ion:106 Resp: 440910
Ion Ratio Lower Upper
106 100
91 207.0 107.2 321.6

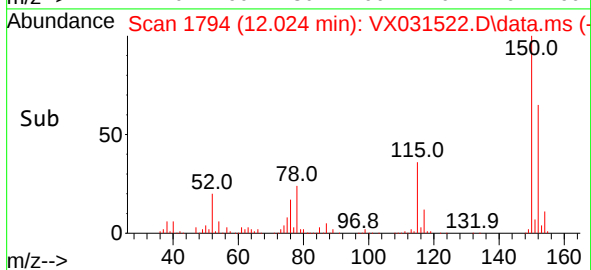
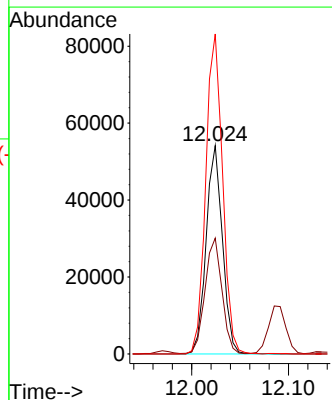
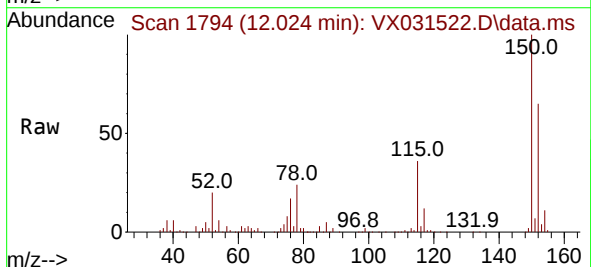
Manual Integrations
APPROVED

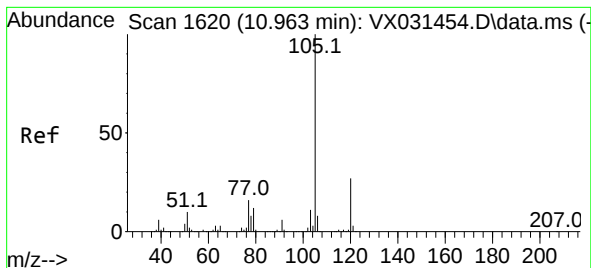
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

Tgt Ion:152 Resp: 63607
Ion Ratio Lower Upper
152 100
115 57.4 43.4 130.1
150 158.4 0.0 346.8





#73

Isopropylbenzene

Concen: 4.507 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX031522.D

Acq: 21 Sep 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

CLI-0620

Tgt Ion: 105 Resp: 21400

Ion Ratio Lower Upper

105 100

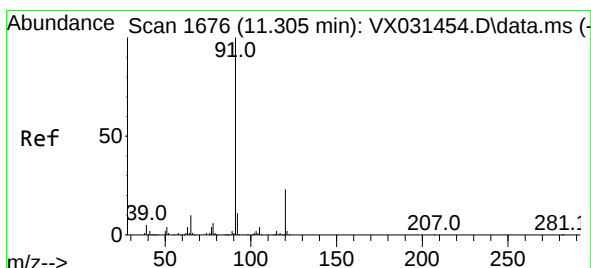
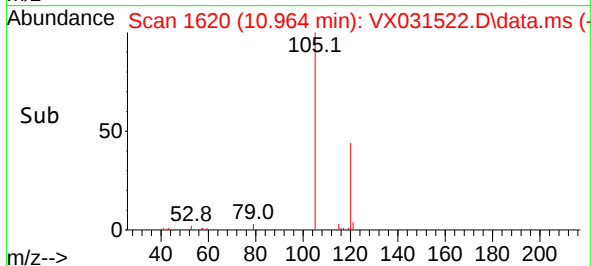
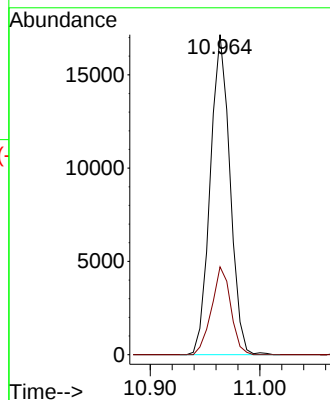
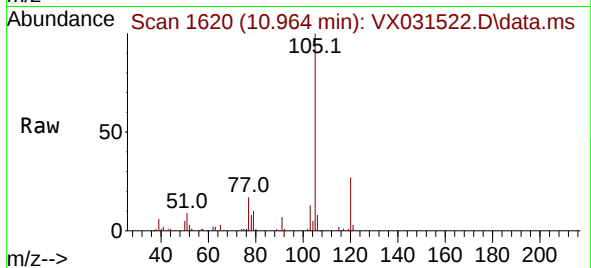
120 26.7 13.7 41.0

Manual Integrations

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Reviewed By :Krupa Patel 09/22/2022

Supervised By :Mahesh Dadoda 09/22/2022



#78

n-propylbenzene

Concen: 8.140 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX031522.D

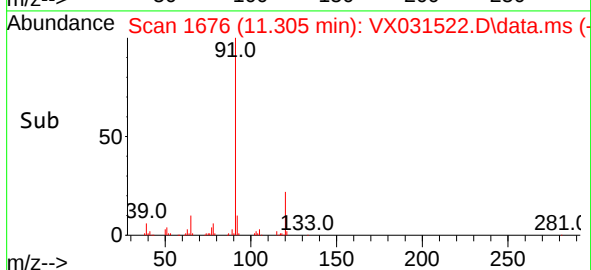
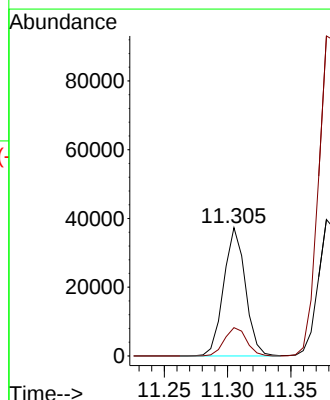
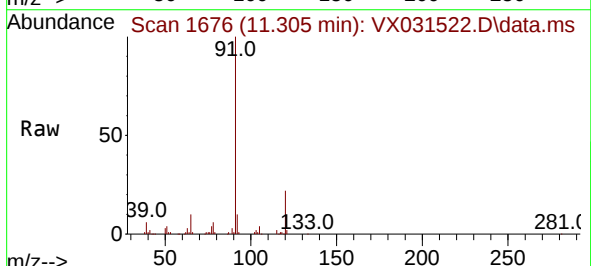
Acq: 21 Sep 2022 14:19

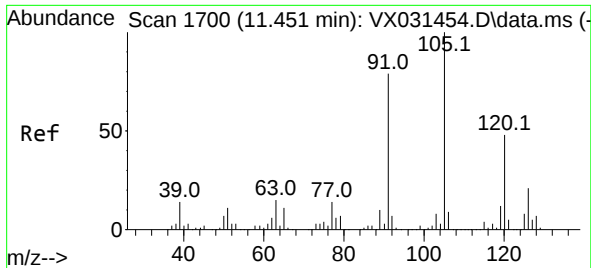
Tgt Ion: 91 Resp: 44484

Ion Ratio Lower Upper

91 100

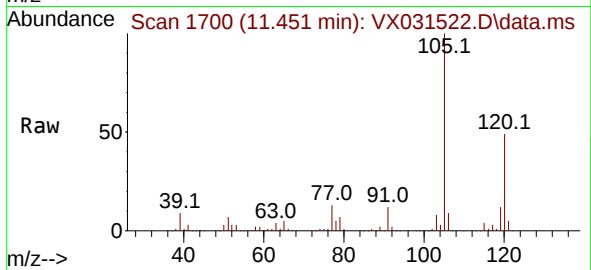
120 22.6 11.8 35.4





#80
1,3,5-Trimethylbenzene
Concen: 39.542 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

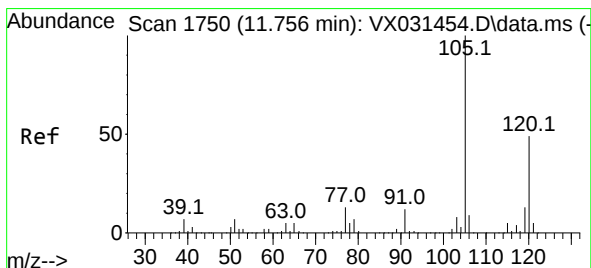
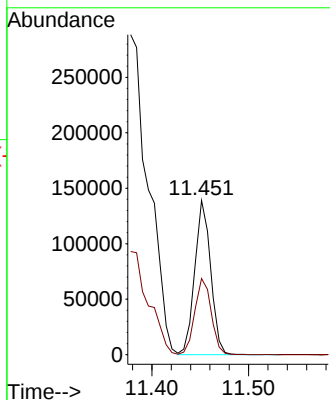
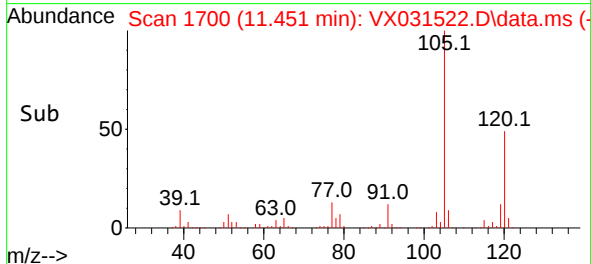
Instrument :
MSVOA_X
ClientSampleId :
CLI-0620



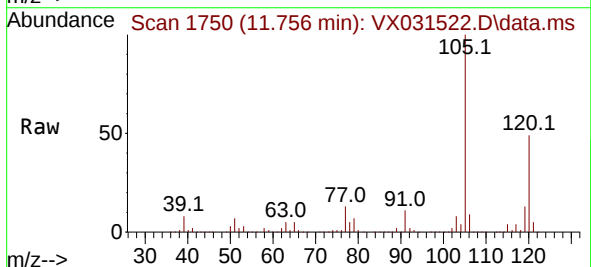
Tgt Ion:105 Resp: 159394
Ion Ratio Lower Upper
105 100
120 51.1 24.5 73.5

Manual Integrations
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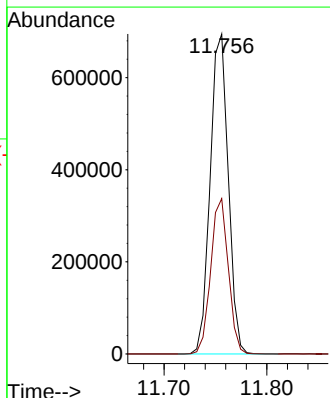
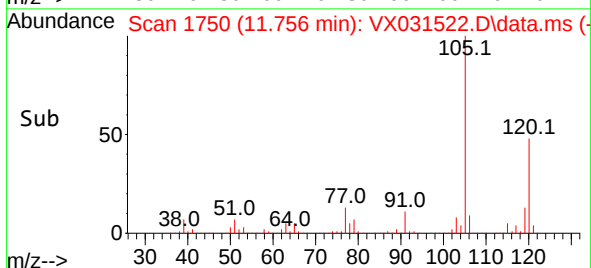
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

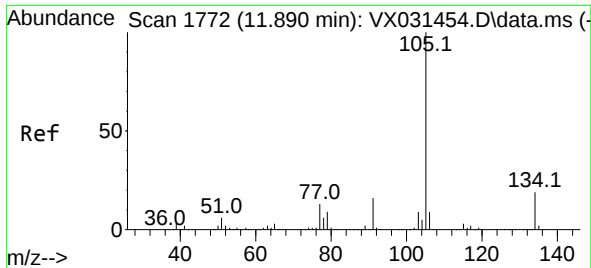


#84
1,2,4-Trimethylbenzene
Concen: 213.390 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19



Tgt Ion:105 Resp: 847139
Ion Ratio Lower Upper
105 100
120 47.3 22.6 67.8





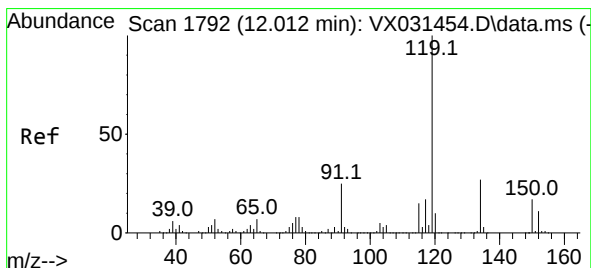
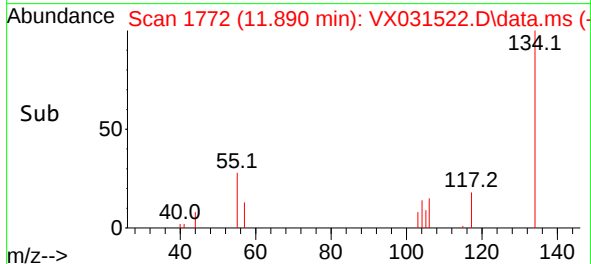
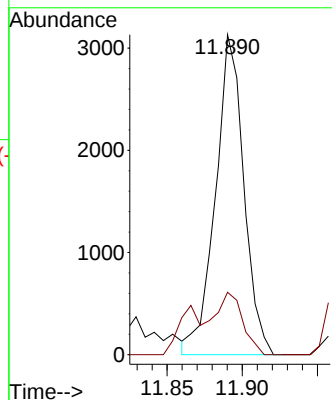
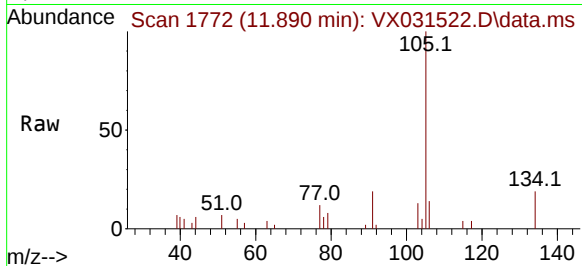
#85
 sec-Butylbenzene
 Concen: 0.829 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031522.D
 Acq: 21 Sep 2022 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 CLI-0620

Tgt Ion:105 Resp: 4099
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

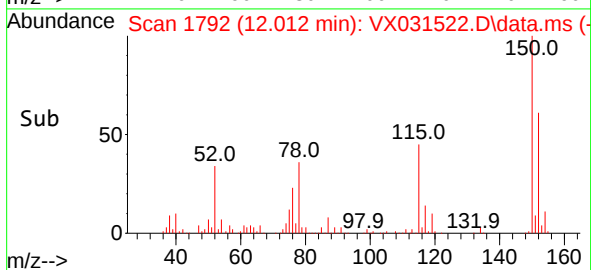
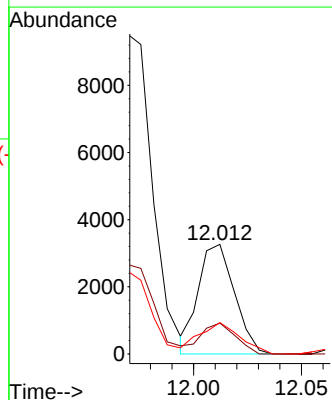
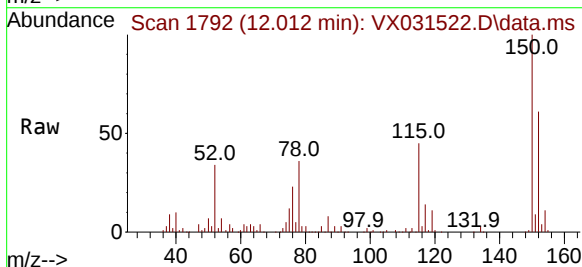
Manual Integrations
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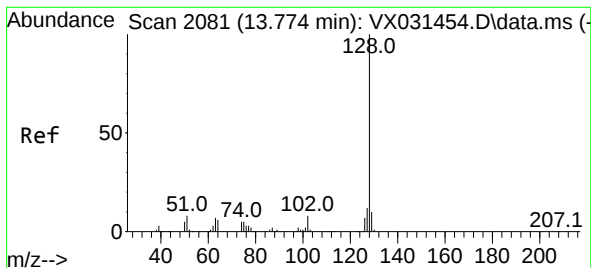
Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022



#86
 p-Isopropyltoluene
 Concen: 0.912 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031522.D
 Acq: 21 Sep 2022 14:19

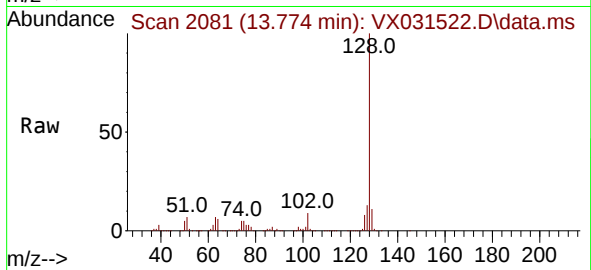
Tgt Ion:119 Resp: 3807
 Ion Ratio Lower Upper
 119 100
 134 90.3 13.4 40.2#
 91 78.4 12.4 37.2#





#95
Naphthalene
Concen: 137.780 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX031522.D
Acq: 21 Sep 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620



Tgt Ion:128 Resp: 628263
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

