

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009655.D
 Acq On : 22 Jul 2022 13:24
 Operator : KP/MD
 Sample : N3773-13
 Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-2(5-5.5)

Quant Time: Jul 23 00:53:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/25/2022
 Supervised By :Mahesh Dadoda 07/25/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	169303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	263693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	80065	50.003	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.000%			
35) Dibromofluoromethane	7.710	113	79174	47.659	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.320%			
50) Toluene-d8	10.173	98	314905	49.309	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 98.620%			
62) 4-Bromofluorobenzene	12.477	95	105003	50.741	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 101.480%			
Target Compounds					Qvalue	
16) Acetone	3.942	43	23962	59.158	ug/l	92
20) Methylene Chloride	4.704	84	47774	17.014	ug/l #	81
25) 2-Butanone	6.978	43	11700	19.802	ug/l	93
31) Cyclohexane	7.771	56	96021	34.010	ug/l	96
39) Methylcyclohexane	9.179	83	176748	58.391	ug/l	89
40) Benzene	8.155	78	126625	17.628	ug/l	95
52) Toluene	10.240	92	30201	6.637	ug/l	95
67) Ethyl Benzene	11.587	91	933781	105.521	ug/l	96
68) m/p-Xylenes	11.697	106	232933	66.140	ug/l	91
69) o-Xylene	12.026	106	20054	6.085	ug/l	92
73) Isopropylbenzene	12.325	105	342471	41.686	ug/l	99
78) n-propylbenzene	12.666	91	1119573	112.779	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	43511m	6.409	ug/l	
84) 1,2,4-Trimethylbenzene	13.117	105	6248870	920.422	ug/l	94
85) sec-Butylbenzene	13.251	105	100222m	11.208	ug/l	
86) p-Isopropyltoluene	13.367	119	31874	4.242	ug/l #	74
89) n-Butylbenzene	13.690	91	173096	25.221	ug/l #	76
95) Naphthalene	15.233	128	207055	48.398	ug/l	98

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

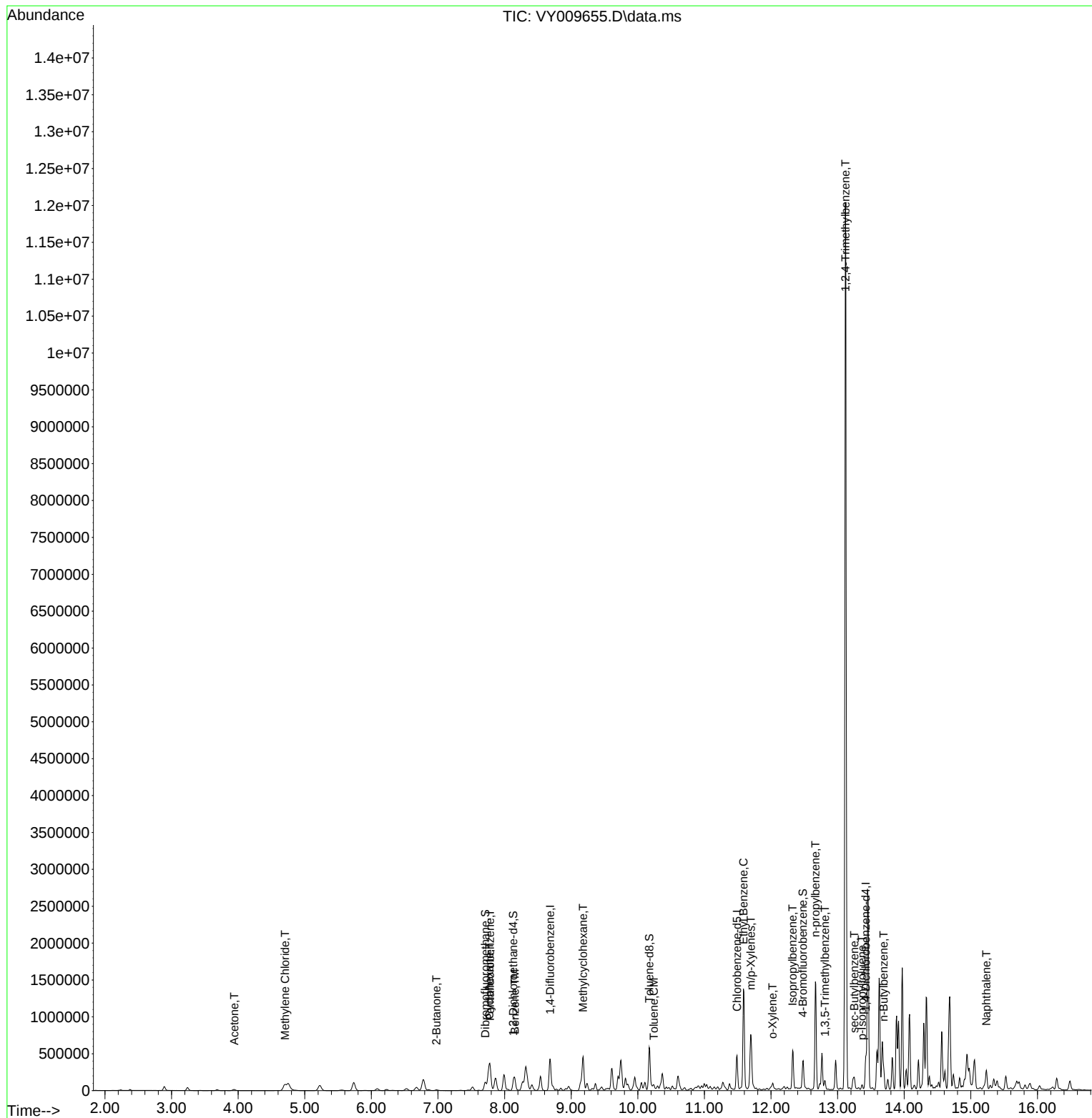
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
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ALS Vial : 10 Sample Multiplier: 1

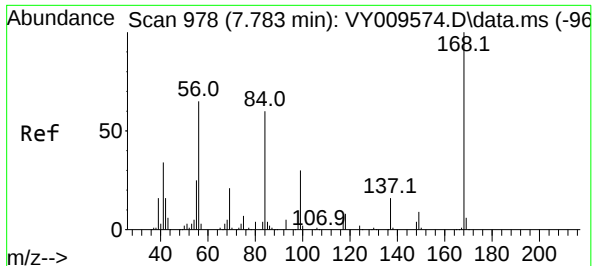
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

Quant Time: Jul 23 00:53:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
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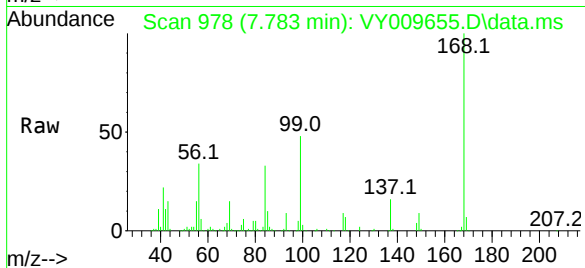
Reviewed By :Krupa Patel 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

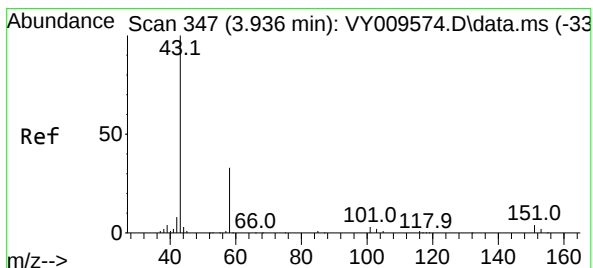
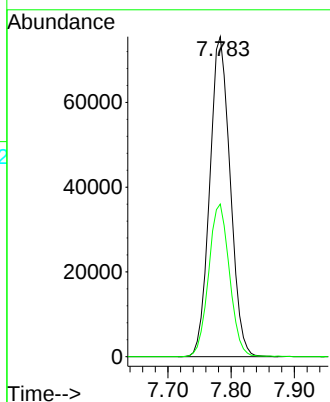
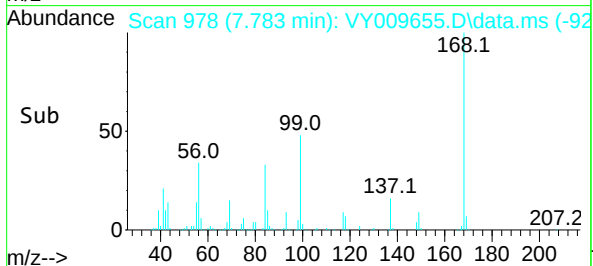
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)



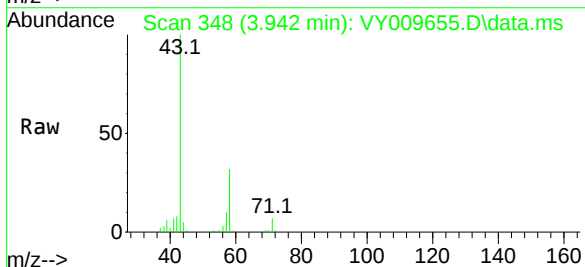
Tgt Ion:168 Resp: 16930
Ion Ratio Lower Upper
168 100
99 47.7 46.9 70.3

Manual Integrations
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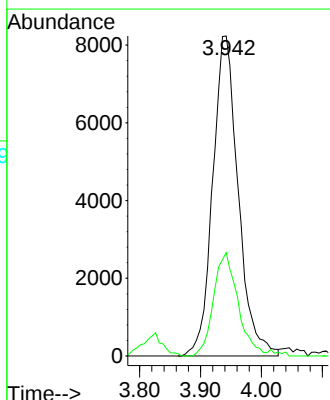
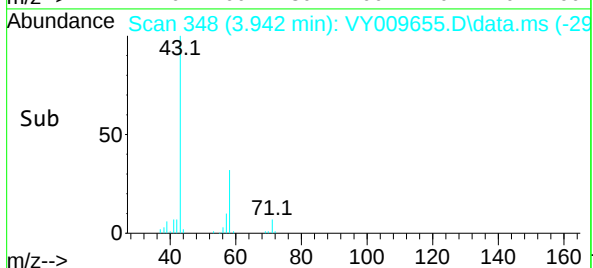
Reviewed By :Krupa Patel 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

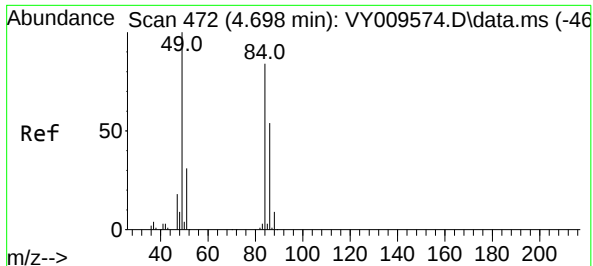


#16
Acetone
Concen: 59.158 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24



Tgt Ion: 43 Resp: 23962
Ion Ratio Lower Upper
43 100
58 31.5 22.0 33.0





#20

Methylene Chloride

Concen: 17.014 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY009655.D

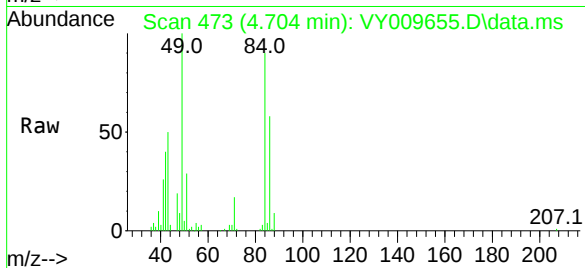
Acq: 22 Jul 2022 13:24

Instrument :

MSVOA_Y

ClientSampleId :

DL-2(5-5.5)



Tgt Ion: 84 Resp: 47774

Ion Ratio Lower Upper

84 100

49 110.8 114.4 171.6

51 32.4 35.3 52.9

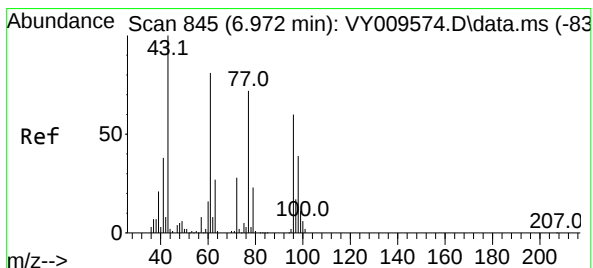
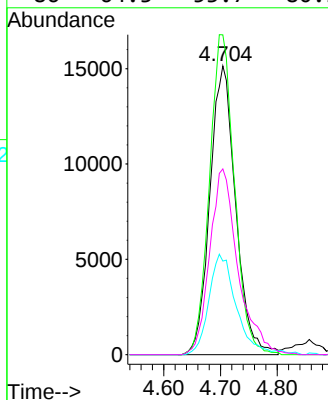
86 64.3 53.7 80.5

Manual Integrations

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Reviewed By :Krupa Patel 07/25/2022

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#25

2-Butanone

Concen: 19.802 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009655.D

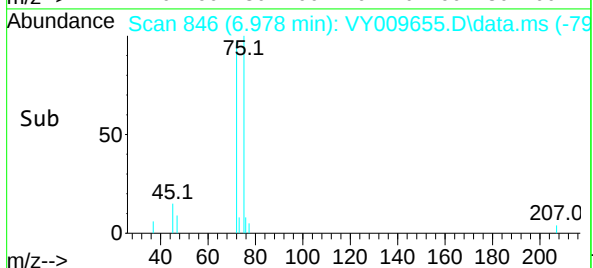
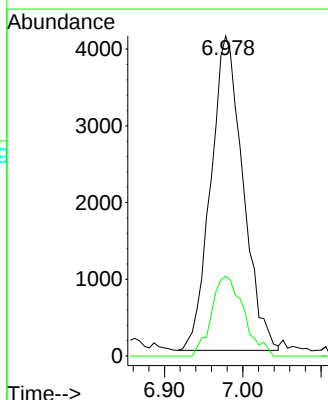
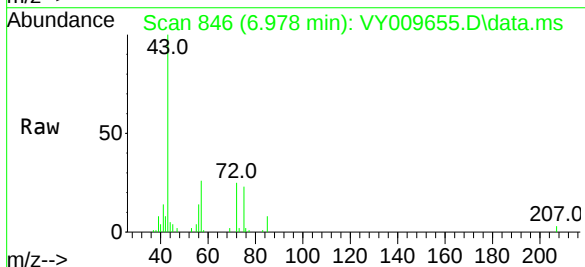
Acq: 22 Jul 2022 13:24

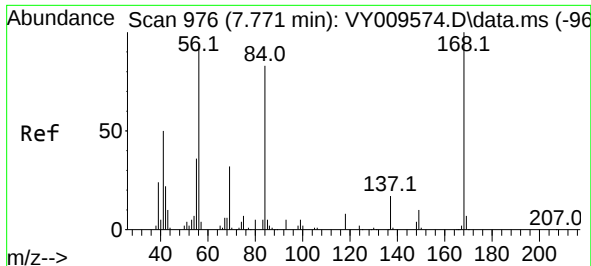
Tgt Ion: 43 Resp: 11700

Ion Ratio Lower Upper

43 100

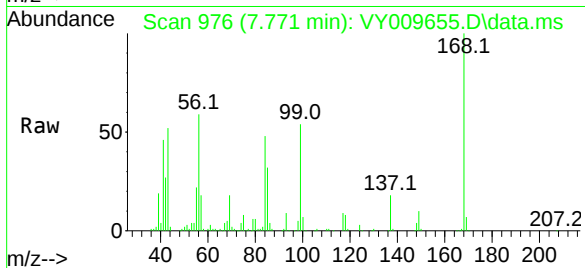
72 25.3 17.7 26.5





#31
Cyclohexane
Concen: 34.010 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

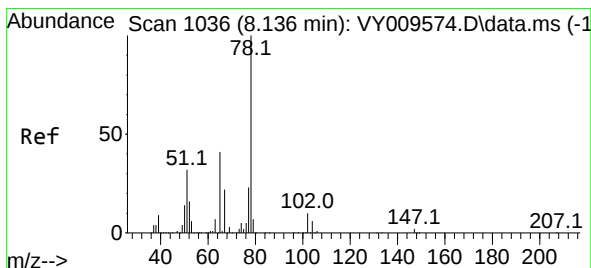
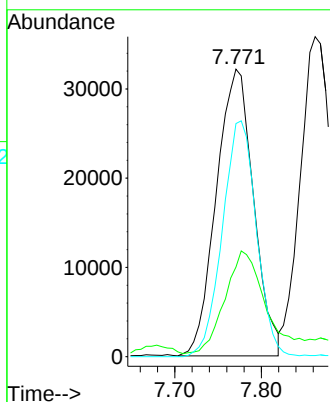
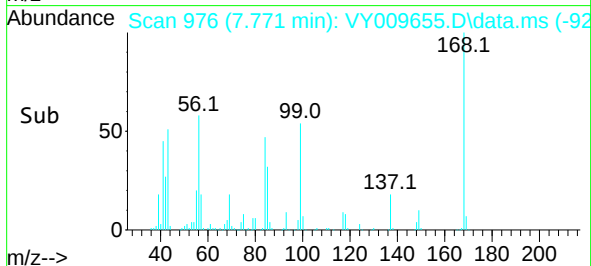
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)



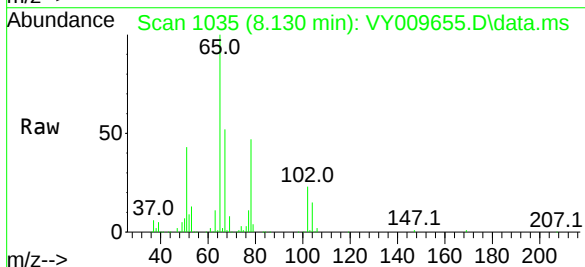
Tgt Ion: 56 Resp: 9602
Ion Ratio Lower Upper
56 100
69 29.6 26.7 40.1
84 81.3 67.2 100.8

Manual Integrations
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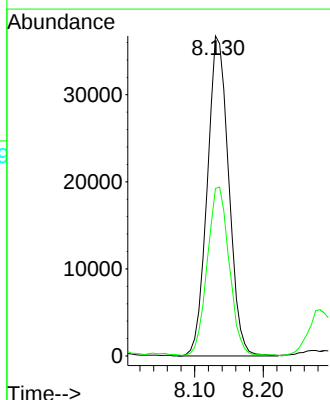
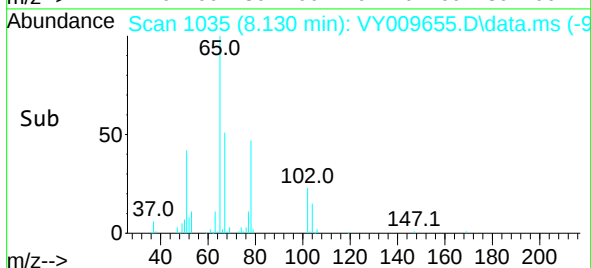
Reviewed By :Krupa Patel 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

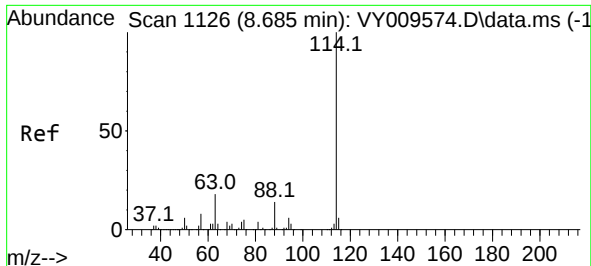


#33
1,2-Dichloroethane-d4
Concen: 50.003 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24



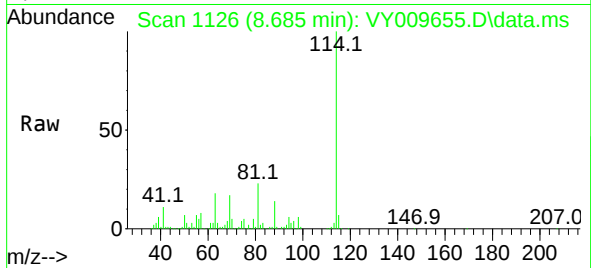
Tgt Ion: 65 Resp: 80065
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

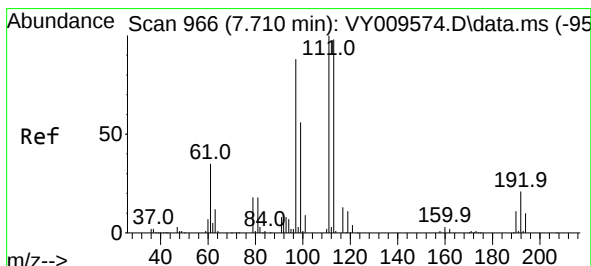
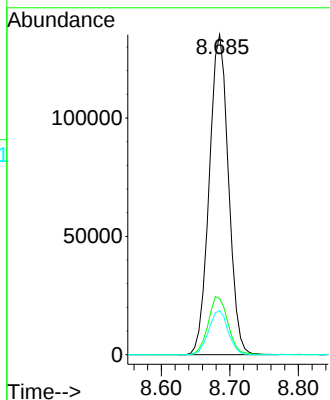
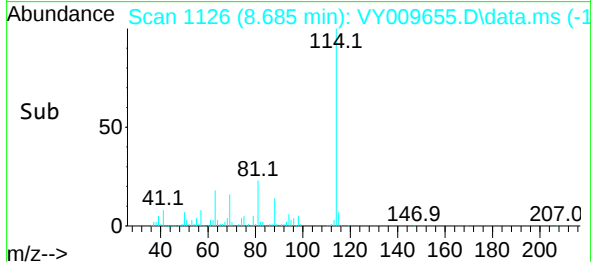
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)



Tgt Ion:114 Resp: 26369
Ion Ratio Lower Upper
114 100
63 17.5 0.0 43.2
88 13.8 0.0 31.8

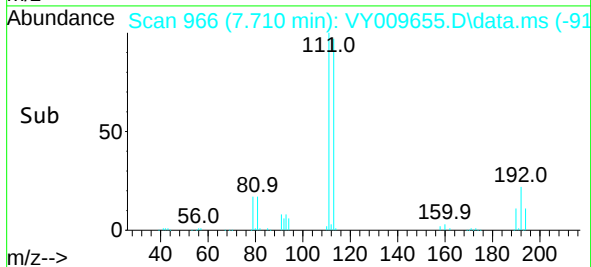
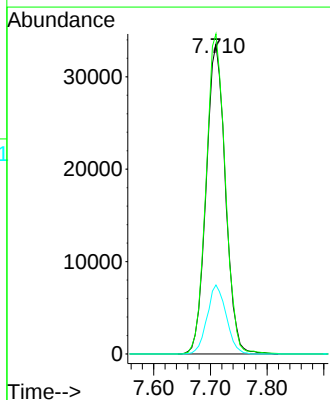
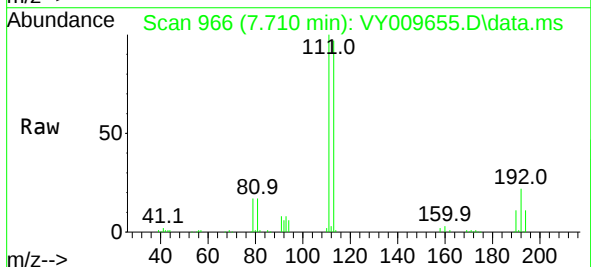
Manual Integrations
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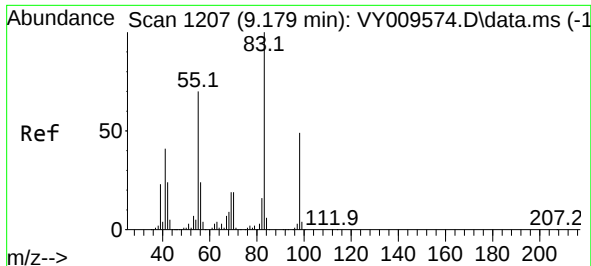
Reviewed By :Krupa Patel 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#35
Dibromofluoromethane
Concen: 47.659 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Tgt Ion:113 Resp: 79174
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 22.0 17.6 26.4





#39

Methylcyclohexane

Concen: 58.391 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009655.D

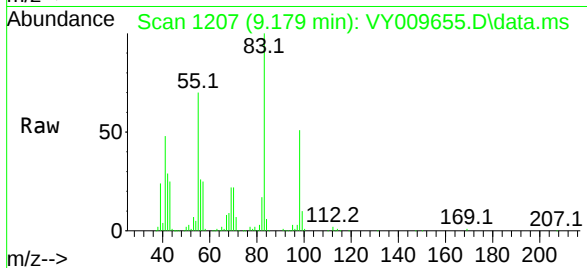
Acq: 22 Jul 2022 13:24

Instrument :

MSVOA_Y

ClientSampleId :

DL-2(5-5.5)



Tgt Ion: 83 Resp: 176748

Ion Ratio Lower Upper

83 100

55 70.3 66.5 99.7

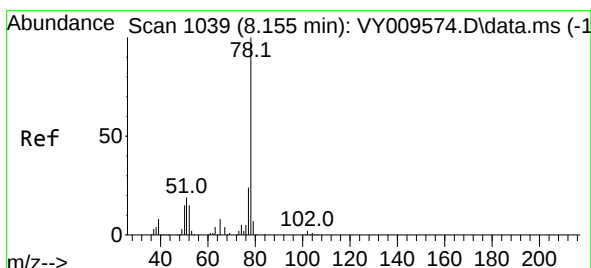
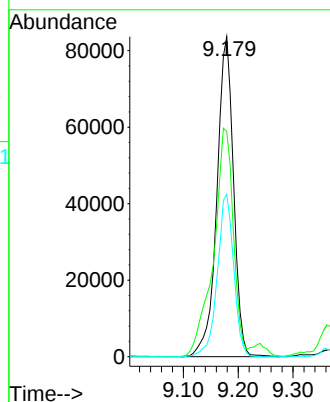
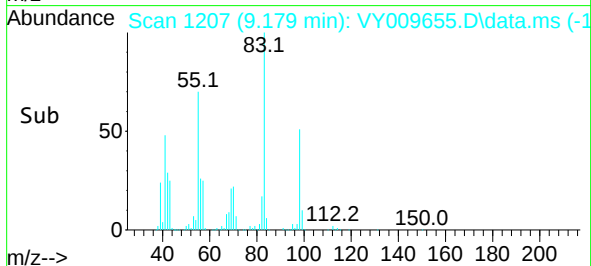
98 50.8 37.9 56.9

Manual Integrations

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Reviewed By :Krupa Patel 07/25/2022

Supervised By :Mahesh Dadoda 07/25/2022



#40

Benzene

Concen: 17.628 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009655.D

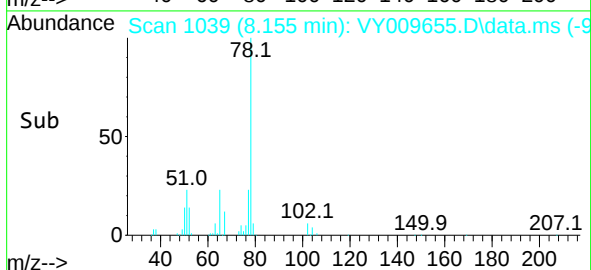
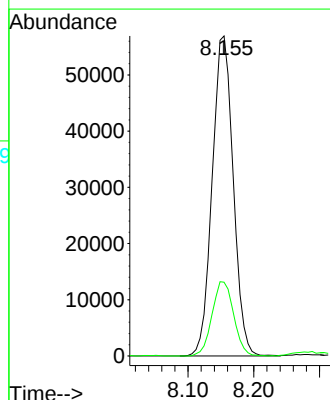
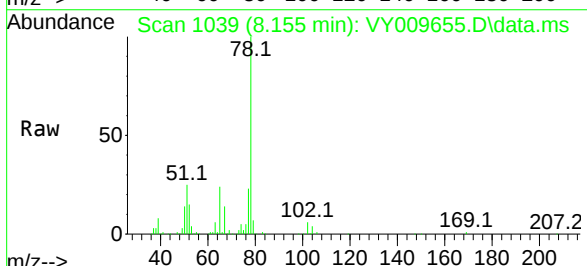
Acq: 22 Jul 2022 13:24

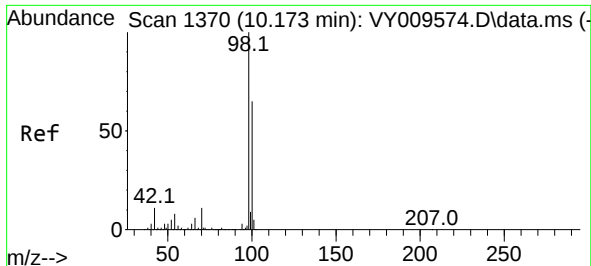
Tgt Ion: 78 Resp: 126625

Ion Ratio Lower Upper

78 100

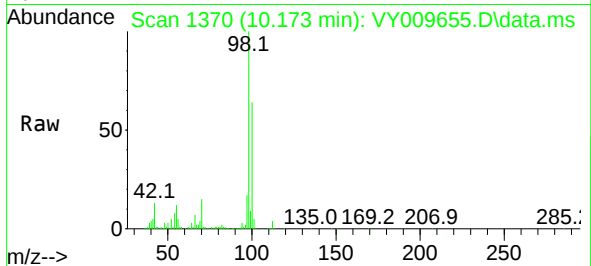
77 23.0 20.4 30.6





#50
Toluene-d8
Concen: 49.309 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

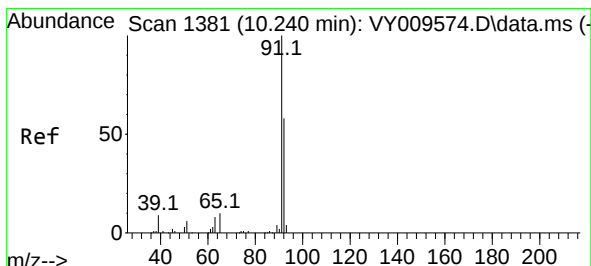
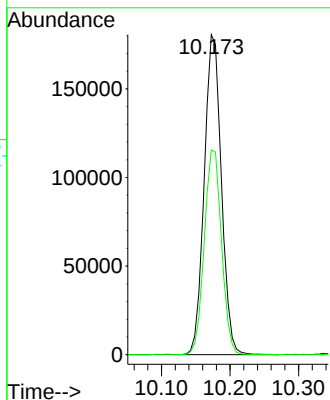
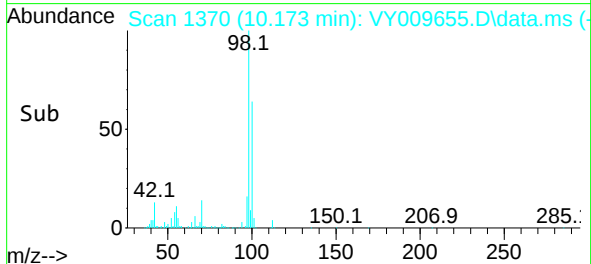
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)



Tgt Ion: 98 Resp: 31490
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

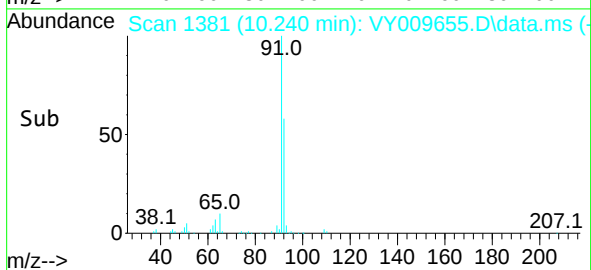
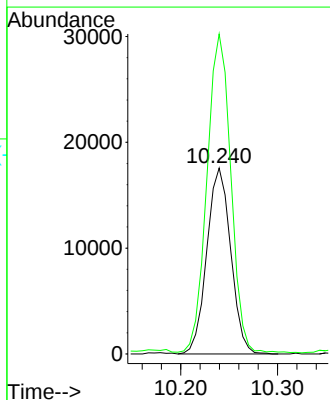
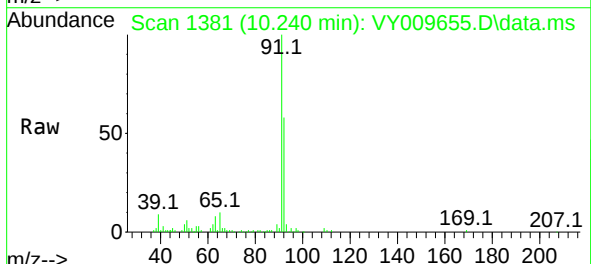
Manual Integrations
APPROVED

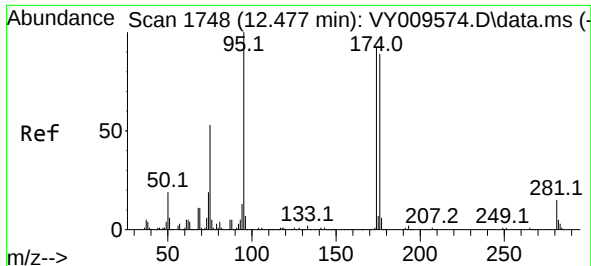
Reviewed By :Krupa Patel 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#52
Toluene
Concen: 6.637 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

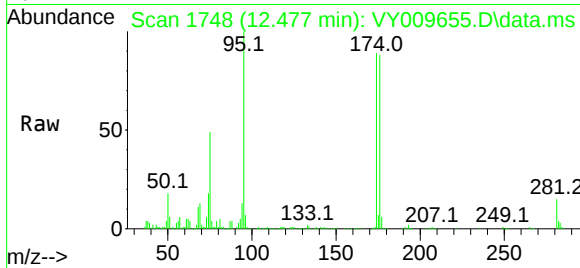
Tgt Ion: 92 Resp: 30201
Ion Ratio Lower Upper
92 100
91 171.1 142.6 213.8





#62
4-Bromofluorobenzene
Concen: 50.741 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

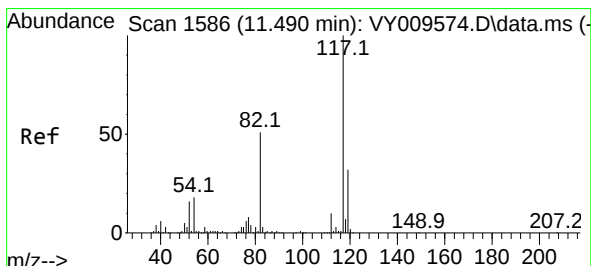
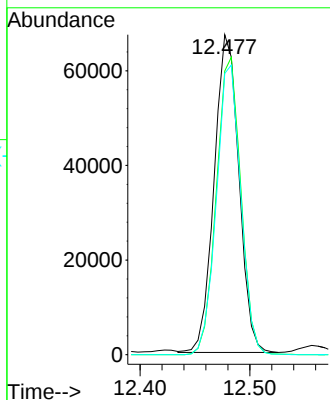
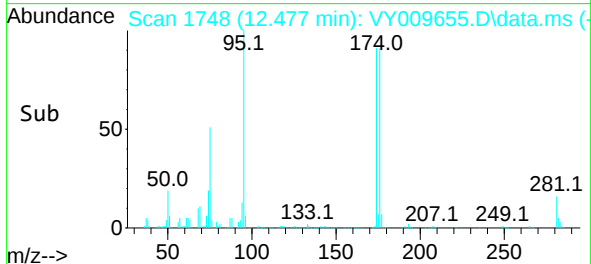
Instrument :
MSVOA_Y
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DL-2(5-5.5)



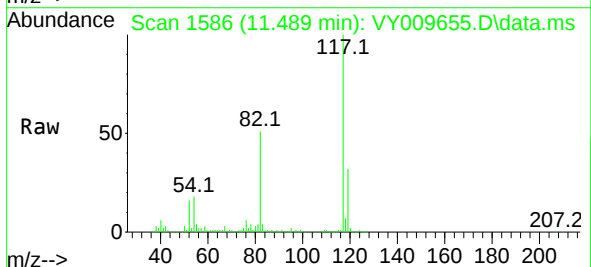
Tgt Ion: 95 Resp: 105000
Ion Ratio Lower Upper
95 100
174 92.7 0.0 177.0
176 90.2 0.0 175.8

Manual Integrations
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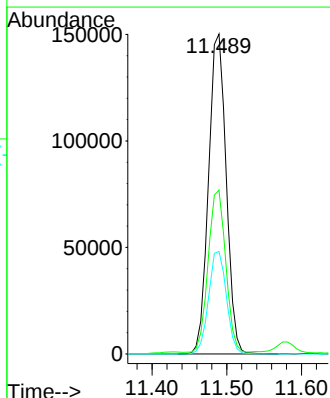
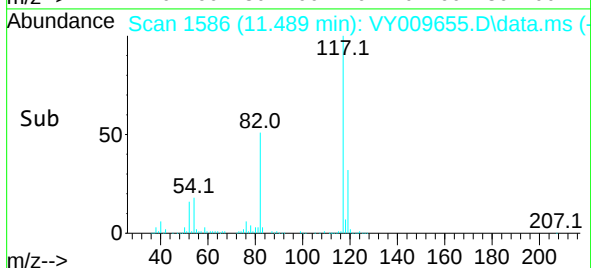
Reviewed By :Krupa Patel 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

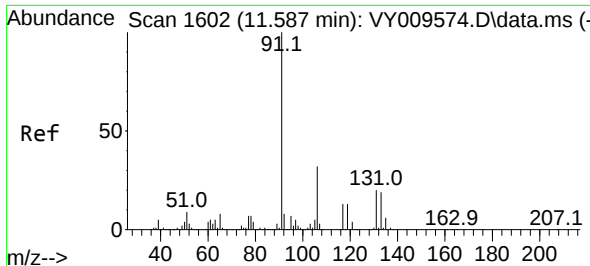


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24



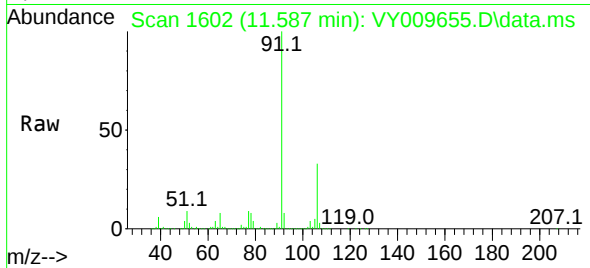
Tgt Ion:117 Resp: 246221
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 32.1 25.4 38.0





#67
Ethyl Benzene
Concen: 105.521 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

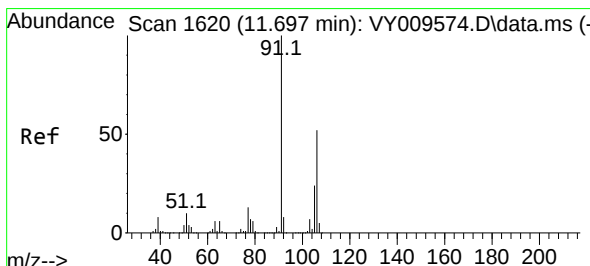
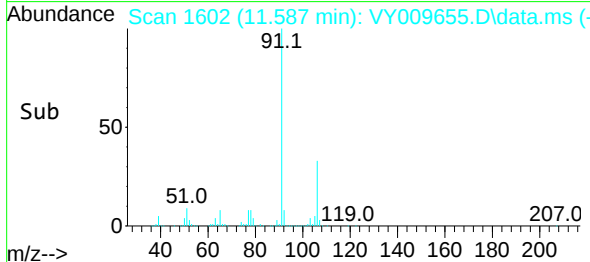
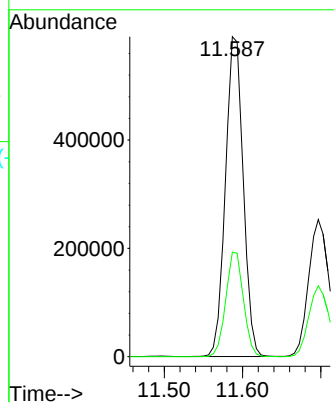
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)



Tgt Ion: 91 Resp: 93378
Ion Ratio Lower Upper
91 100
106 32.6 24.5 36.7

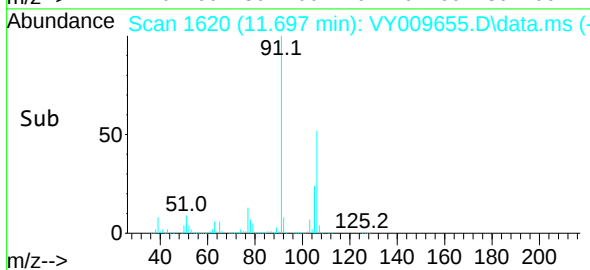
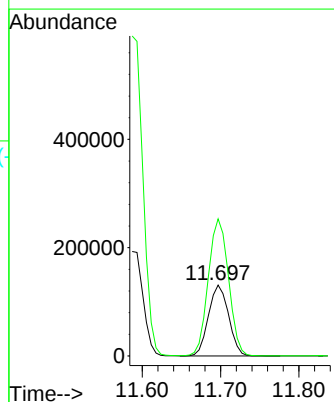
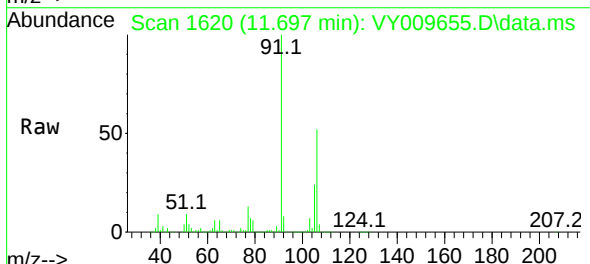
Manual Integrations
APPROVED

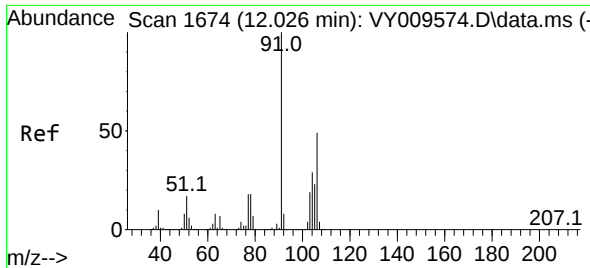
Reviewed By :Krupa Patel 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#68
m/p-Xylenes
Concen: 66.140 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

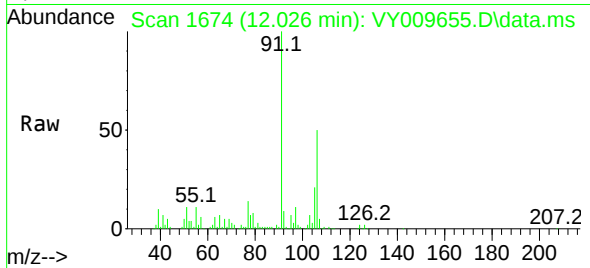
Tgt Ion:106 Resp: 232933
Ion Ratio Lower Upper
106 100
91 194.4 166.6 249.8





#69
o-Xylene
Concen: 6.085 ug/l
RT: 12.026 min Scan# 106
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

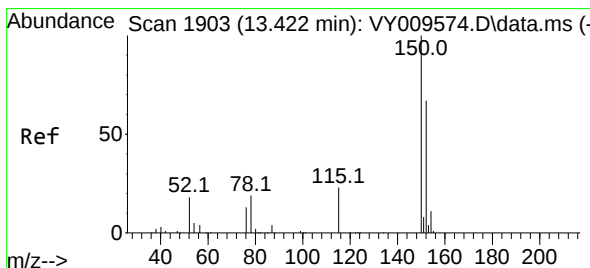
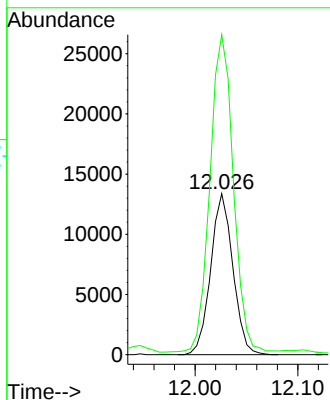
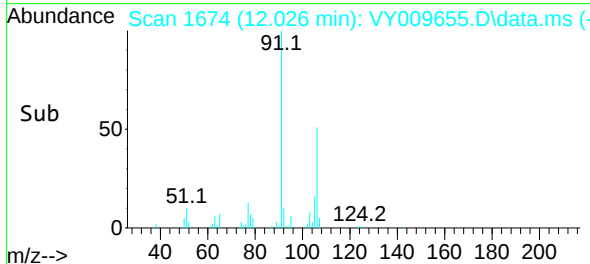
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)



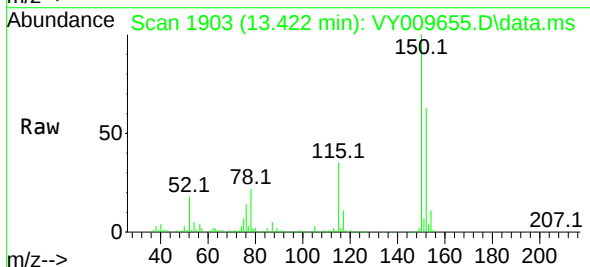
Tgt Ion:106 Resp: 20054
Ion Ratio Lower Upper
106 100
91 207.1 110.3 331.0

Manual Integrations
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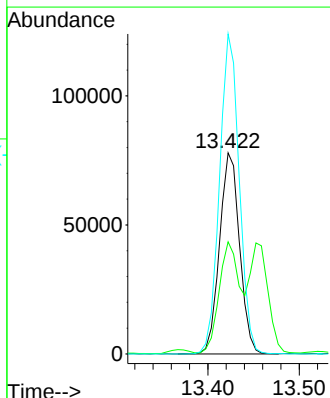
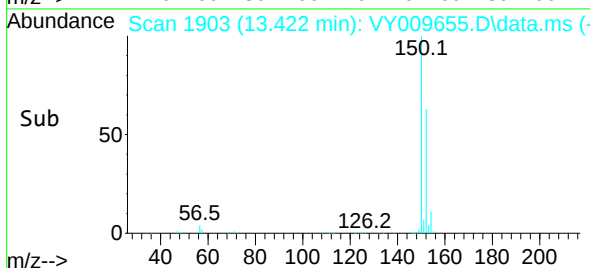
Reviewed By :Krupa Patel 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

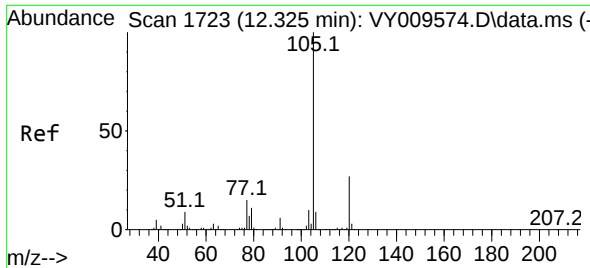


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24



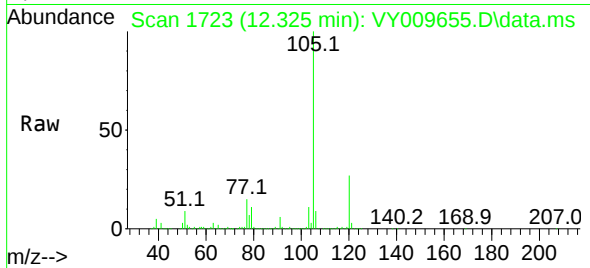
Tgt Ion:152 Resp: 118658
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 156.6 0.0 347.6





#73
Isopropylbenzene
Concen: 41.686 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

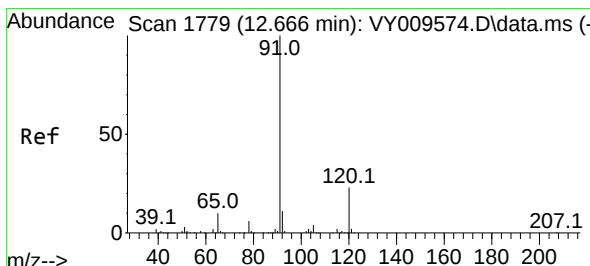
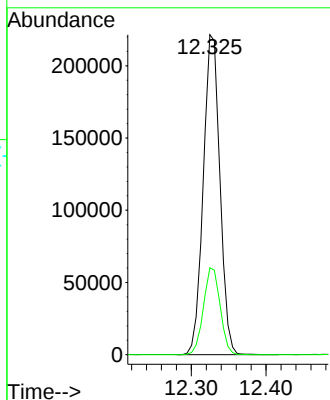
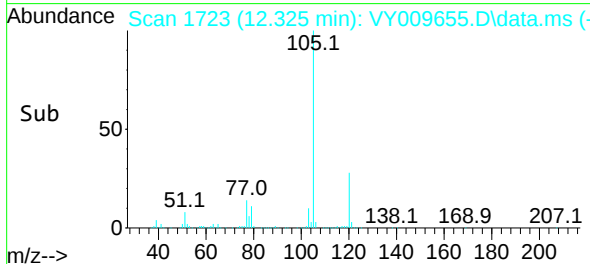
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)



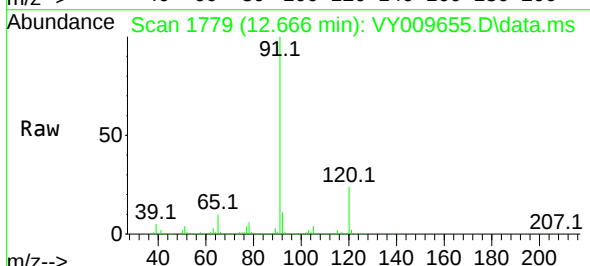
Tgt Ion:105 Resp: 34247
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2

Manual Integrations
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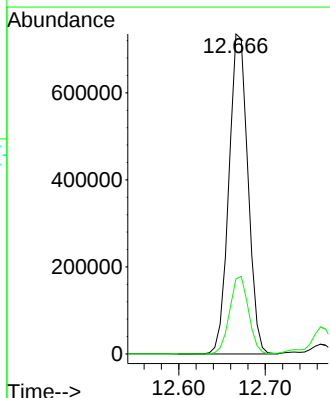
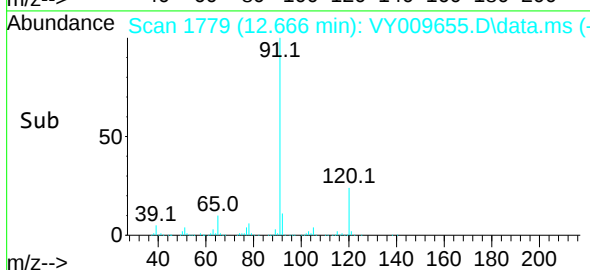
Reviewed By :Krupa Patel 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

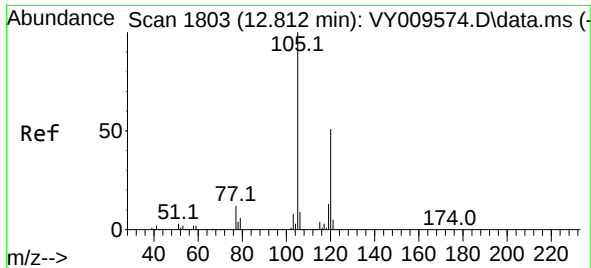


#78
n-propylbenzene
Concen: 112.779 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24



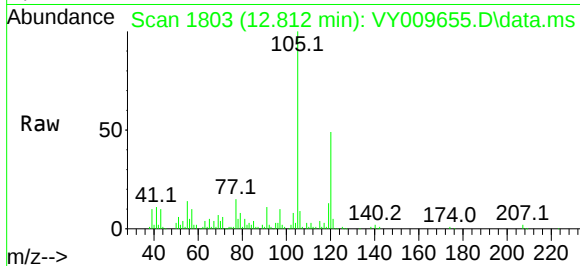
Tgt Ion: 91 Resp: 1119573
Ion Ratio Lower Upper
91 100
120 24.1 11.3 33.9





#80
1,3,5-Trimethylbenzene
Concen: 6.409 ug/l m
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

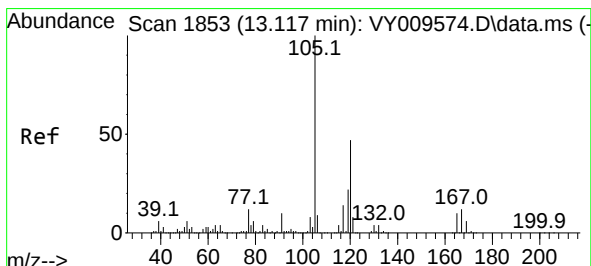
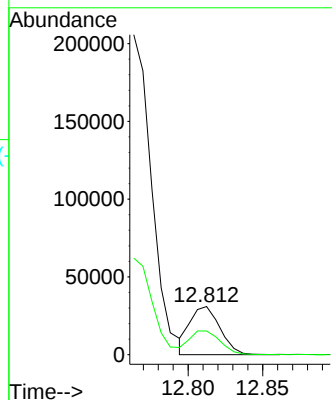
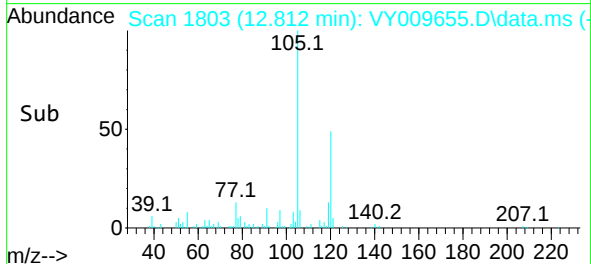
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)



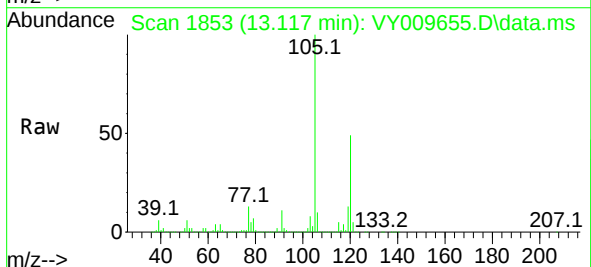
Tgt Ion:105 Resp: 4351
Ion Ratio Lower Upper
105 100
120 235.2 24.4 73.4

Manual Integrations
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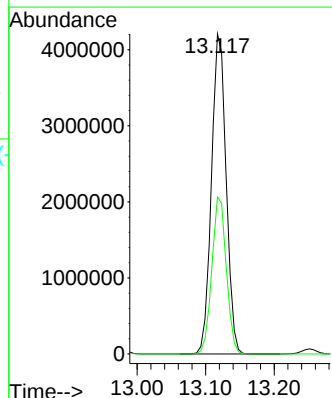
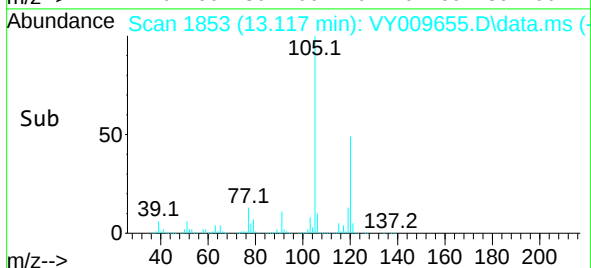
Reviewed By :Krupa Patel 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

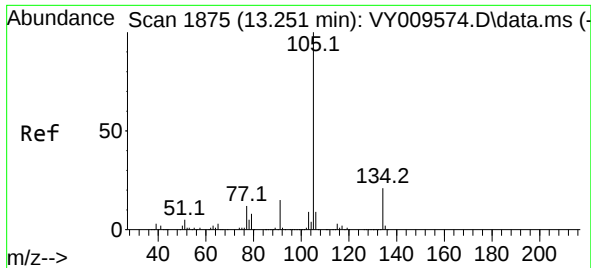


#84
1,2,4-Trimethylbenzene
Concen: 920.422 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24



Tgt Ion:105 Resp: 6248870
Ion Ratio Lower Upper
105 100
120 48.5 22.3 66.9





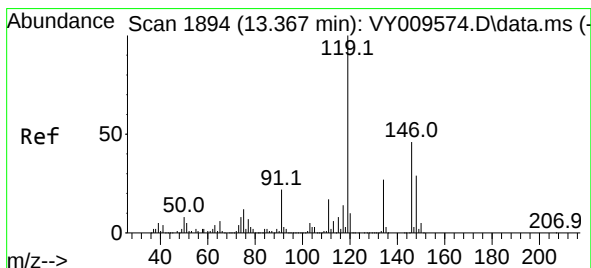
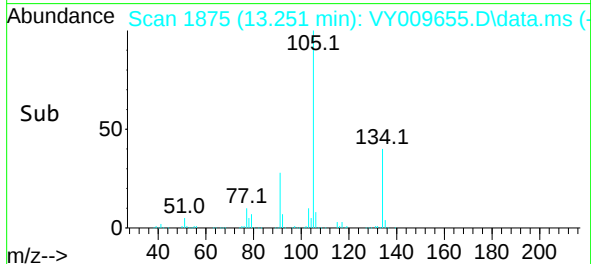
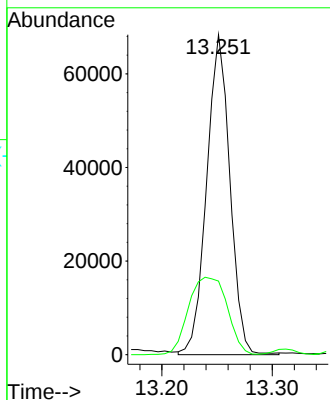
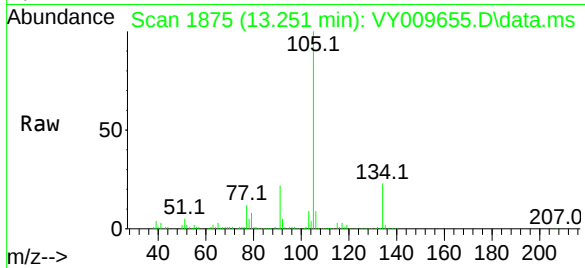
#85
 sec-Butylbenzene
 Concen: 11.208 ug/l m
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY009655.D
 Acq: 22 Jul 2022 13:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-2(5-5.5)

Tgt Ion:105 Resp: 10022
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

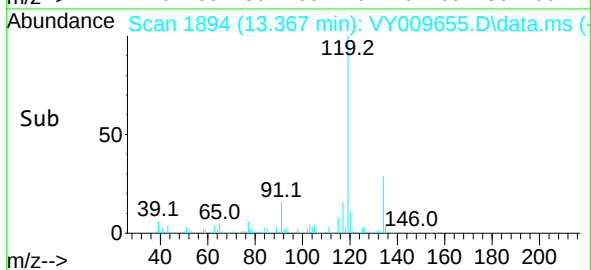
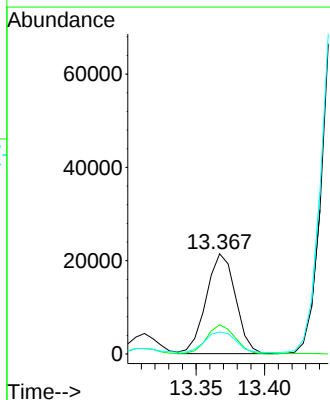
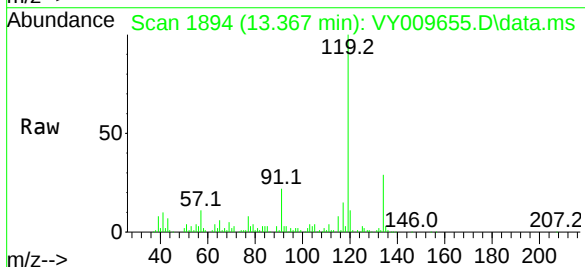
Manual Integrations
 APPROVED

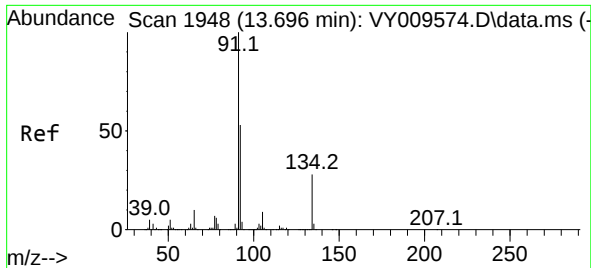
Reviewed By :Krupa Patel 07/25/2022
 Supervised By :Mahesh Dadoda 07/25/2022



#86
 p-Isopropyltoluene
 Concen: 4.242 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY009655.D
 Acq: 22 Jul 2022 13:24

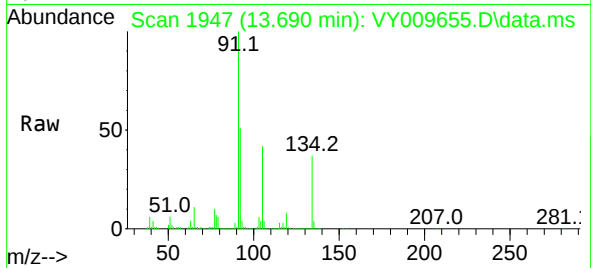
Tgt Ion:119 Resp: 31874
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.2 39.5
 91 0.0 12.4 37.2





#89
n-Butylbenzene
Concen: 25.221 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

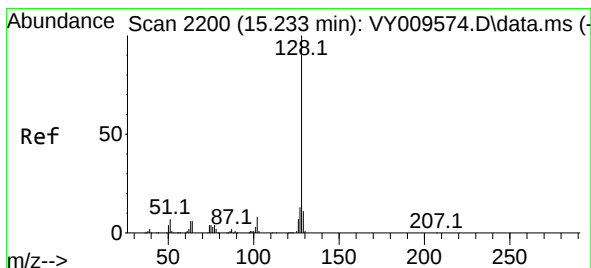
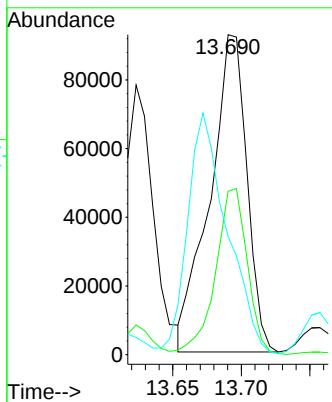
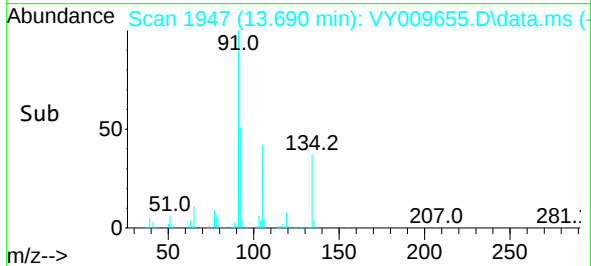
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)



Tgt Ion: 91 Resp: 173090
Ion Ratio Lower Upper
91 100
92 45.1 26.3 78.9
134 0.0 13.0 38.9

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#95
Naphthalene
Concen: 48.398 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009655.D
Acq: 22 Jul 2022 13:24

Tgt Ion:128 Resp: 207055
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.4
129 11.5 8.4 12.6

