

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009717.D
 Acq On : 27 Jul 2022 12:21
 Operator : KP/MD
 Sample : N3914-01
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 METRO-DISP

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 02:44:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	161379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	294036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90099	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71106	68.063	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.120%			
35) Dibromofluoromethane	7.710	113	68346	42.738	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 85.480%			
50) Toluene-d8	10.179	98	267398	58.101	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 116.200%			
62) 4-Bromofluorobenzene	12.483	95	82408	38.863	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 77.720%			
Target Compounds					Qvalue	
16) Acetone	3.936	43	10475	27.148	ug/l #	89
17) Carbon Disulfide	4.180	76	30813	7.264	ug/l	97
25) 2-Butanone	6.978	43	4885	8.582	ug/l	95
31) Cyclohexane	7.777	56	9105	3.546	ug/l #	70
39) Methylcyclohexane	9.179	83	32075	9.951	ug/l	94
40) Benzene	8.155	78	1147332	148.809	ug/l	97
52) Toluene	10.240	92	240001	49.696	ug/l	95
67) Ethyl Benzene	11.587	91	17825941	2086.488	ug/l #	59
68) m/p-Xylenes	11.709	106	1780944	525.129	ug/l	91
69) o-Xylene	12.032	106	6684894	2107.749	ug/l	77
73) Isopropylbenzene	12.331	105	4590741	766.473	ug/l	98
78) n-propylbenzene	12.672	91	1496750	210.284	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	7542939	1519.556	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	7379642	1474.980	ug/l	93
85) sec-Butylbenzene	13.251	105	145579m	22.227	ug/l	
86) p-Isopropyltoluene	13.373	119	3490125	630.033	ug/l	98
89) n-Butylbenzene	13.696	91	388372m	76.525	ug/l	
95) Naphthalene	15.227	128	33242231m	10475.585	ug/l	

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

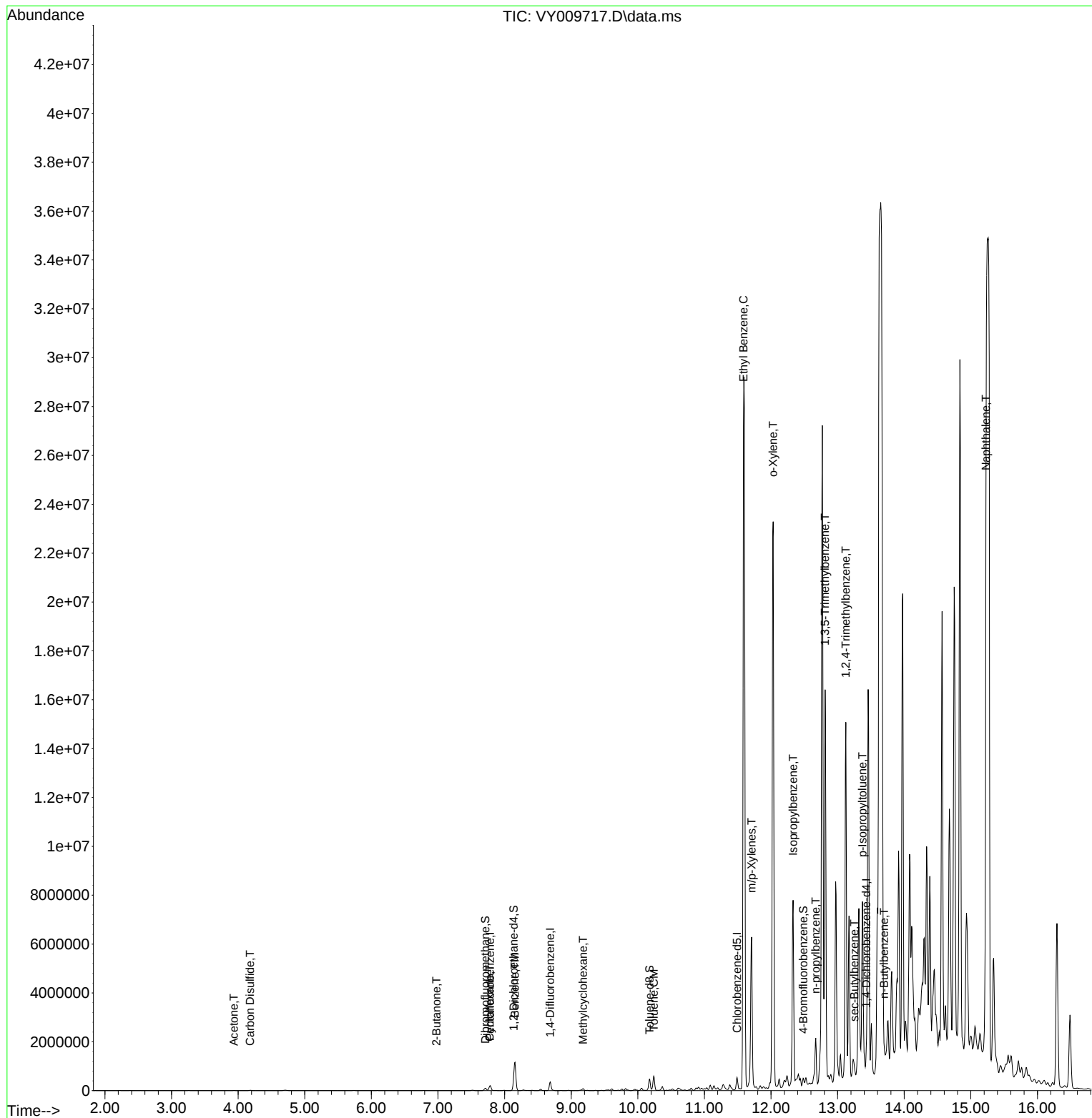
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
Data File : VY009717.D
Acq On : 27 Jul 2022 12:21
Operator : KP/MD
Sample : N3914-01
Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

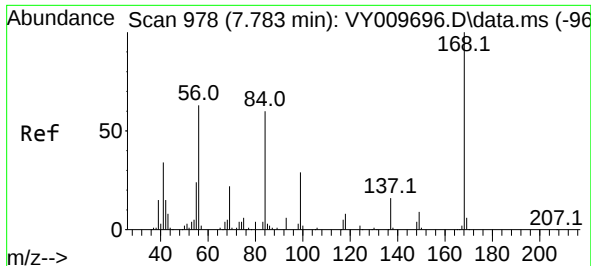
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP

Quant Time: Jul 28 02:44:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 27 04:24:58 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

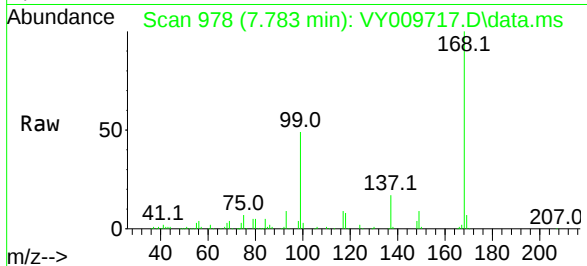
Reviewed By :Krupa Patel 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

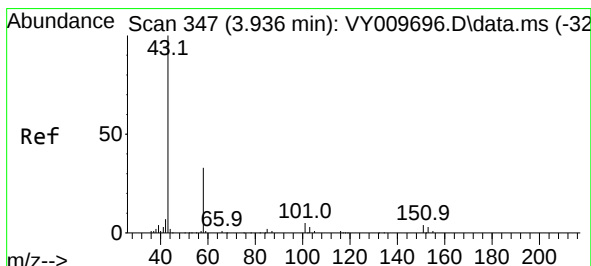
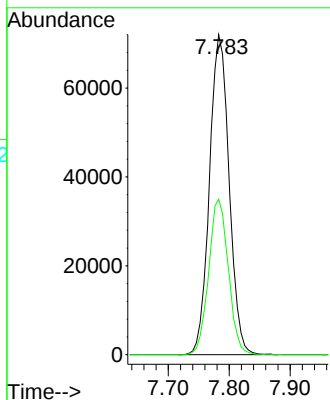
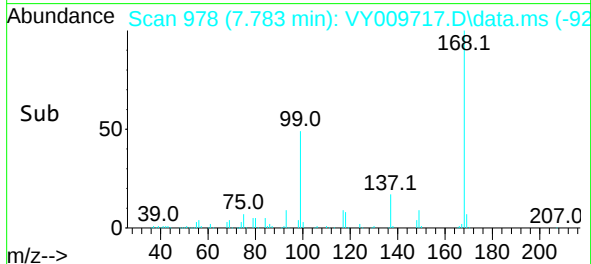
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP



Tgt Ion:168 Resp: 161379
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3

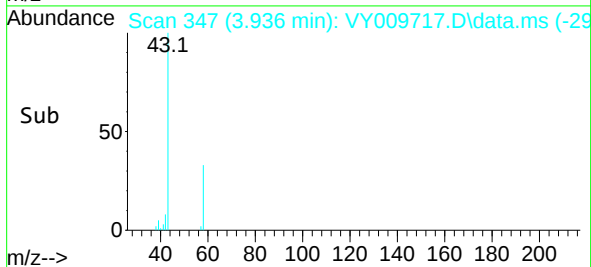
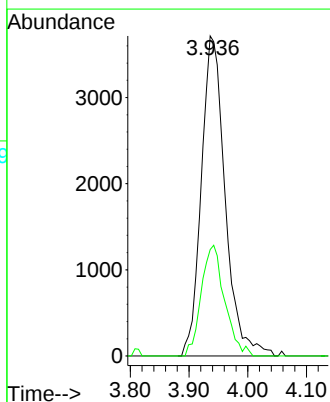
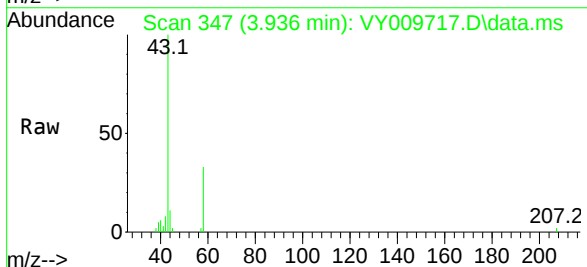
Manual Integrations
APPROVED

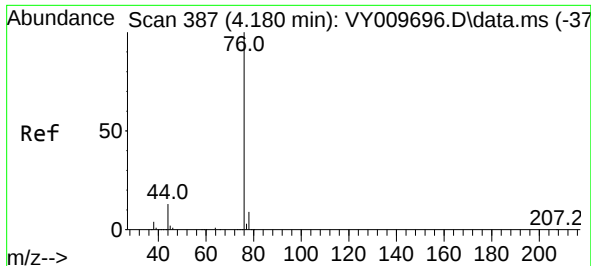
Reviewed By :Krupa Patel 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#16
Acetone
Concen: 27.148 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

Tgt Ion: 43 Resp: 10475
Ion Ratio Lower Upper
43 100
58 33.2 22.0 33.0#





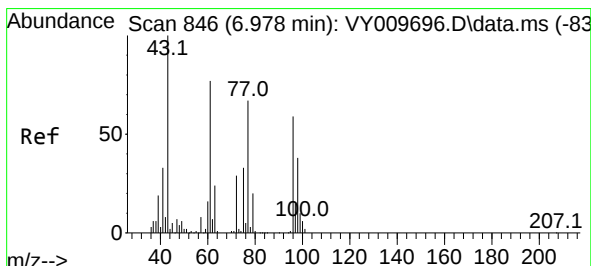
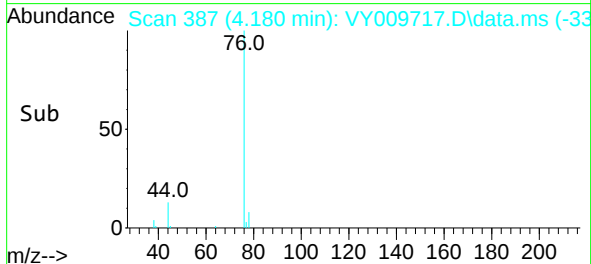
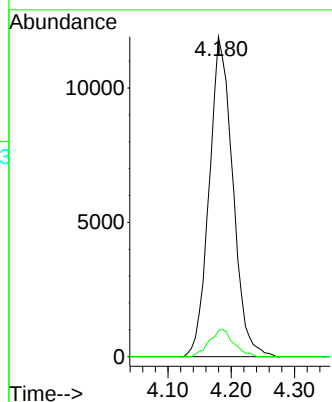
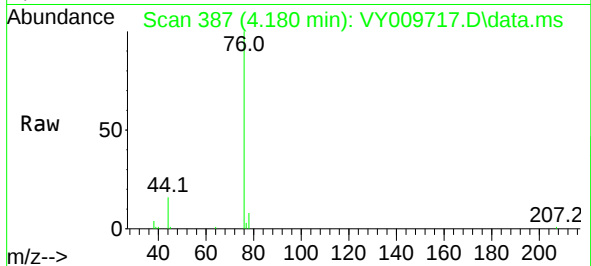
#17
Carbon Disulfide
Concen: 7.264 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP

Tgt Ion: 76 Resp: 3081
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0

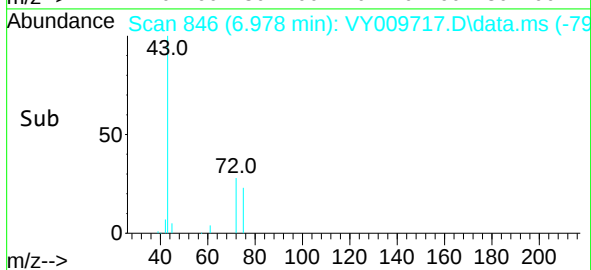
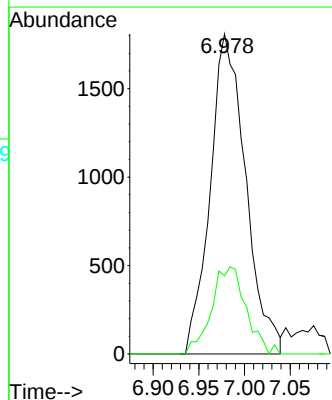
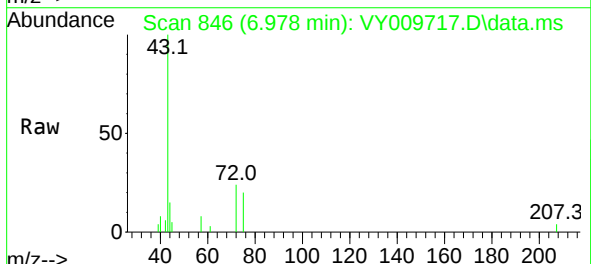
Manual Integrations
APPROVED

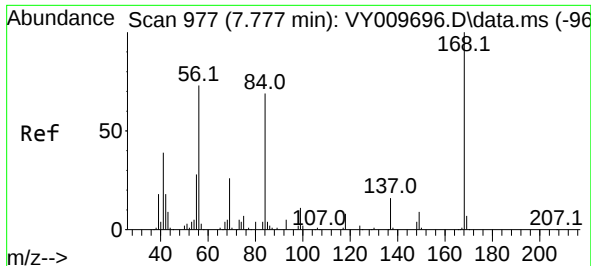
Reviewed By :Krupa Patel 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#25
2-Butanone
Concen: 8.582 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

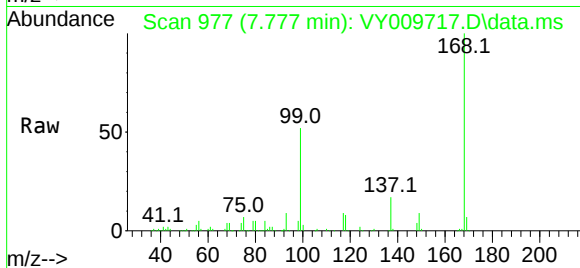
Tgt Ion: 43 Resp: 4885
Ion Ratio Lower Upper
43 100
72 24.4 17.7 26.5





#31
Cyclohexane
Concen: 3.546 ug/l
RT: 7.777 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

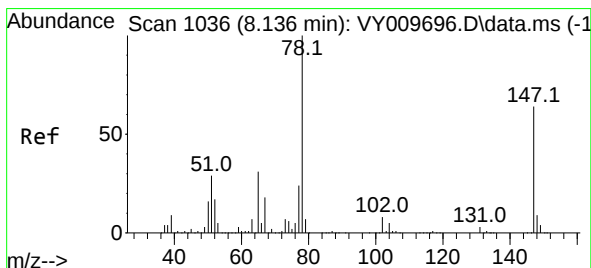
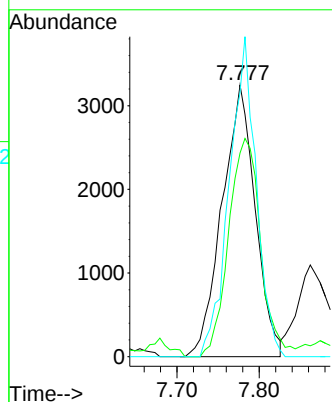
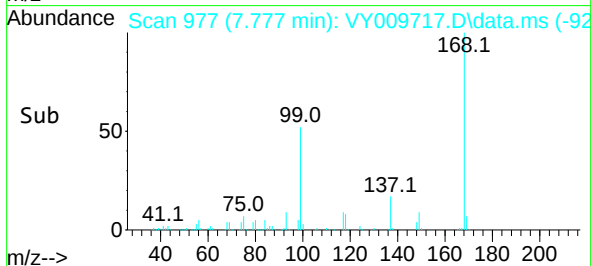
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP



Tgt Ion: 56 Resp: 910
Ion Ratio Lower Upper
56 100
69 72.4 26.7 40.1
84 97.2 67.2 100.8

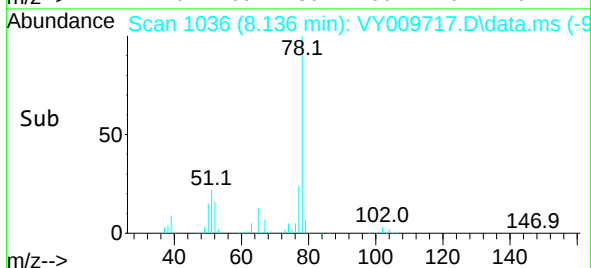
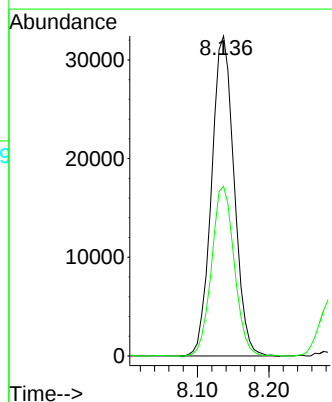
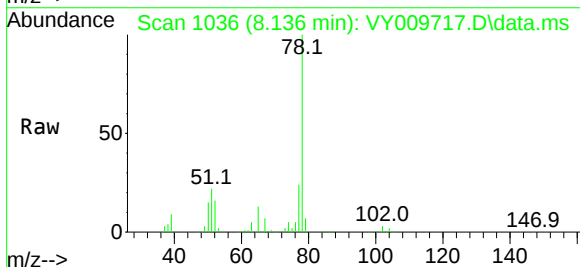
Manual Integrations
APPROVED

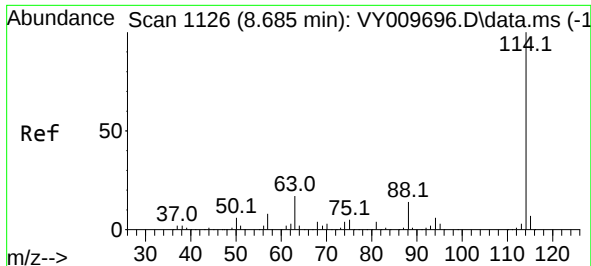
Reviewed By :Krupa Patel 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#33
1,2-Dichloroethane-d4
Concen: 68.063 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

Tgt Ion: 65 Resp: 71106
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4





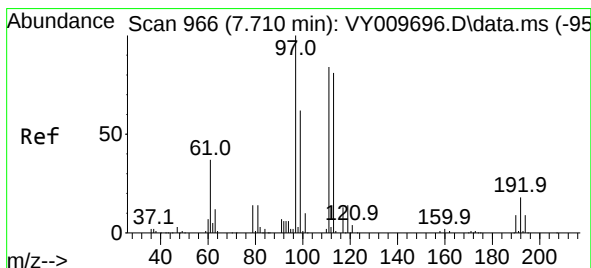
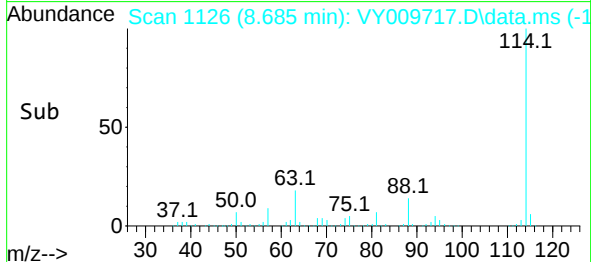
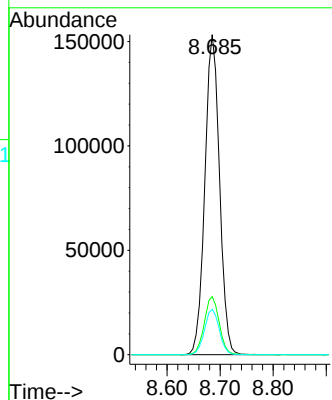
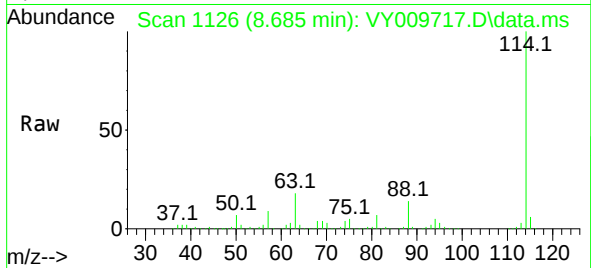
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP

Tgt Ion:114 Resp: 294036
Ion Ratio Lower Upper
114 100
63 18.2 0.0 43.2
88 14.1 0.0 31.8

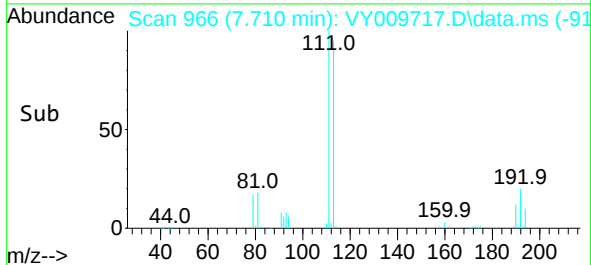
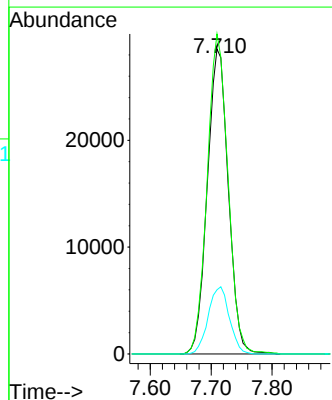
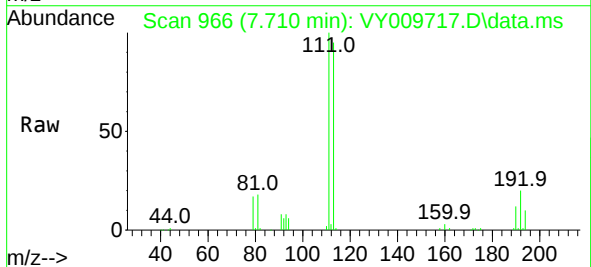
Manual Integrations
APPROVED

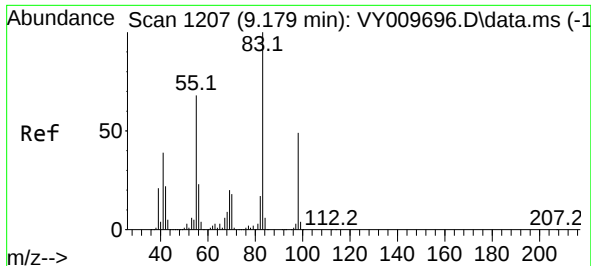
Reviewed By :Krupa Patel 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#35
Dibromofluoromethane
Concen: 42.738 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

Tgt Ion:113 Resp: 68346
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 22.2 17.6 26.4





#39

Methylcyclohexane

Concen: 9.951 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009717.D

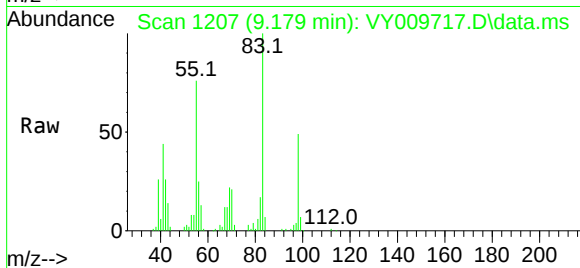
Acq: 27 Jul 2022 12:21

Instrument :

MSVOA_Y

ClientSampleId :

METRO-DISP



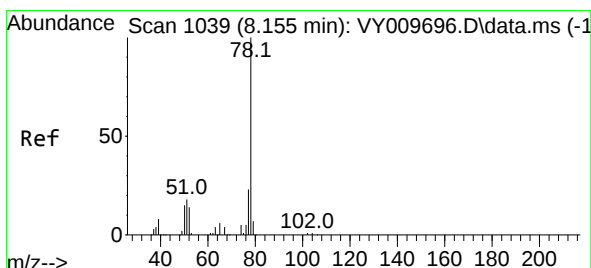
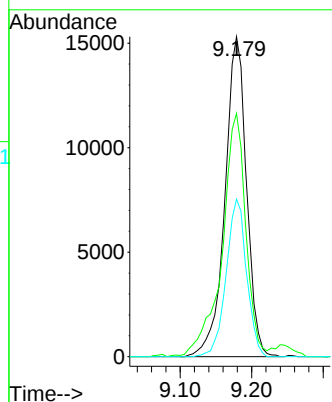
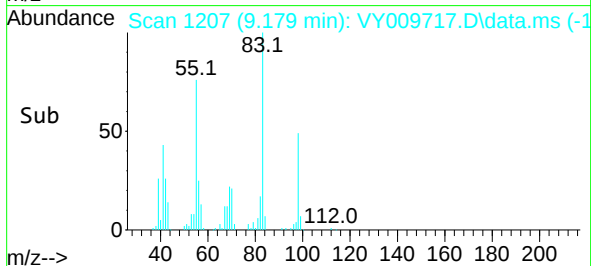
Tgt Ion: 83	Resp: 3207
Ion Ratio	Lower Upper
83	100
55	75.7 66.5 99.7
98	49.3 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#40

Benzene

Concen: 148.809 ug/l

RT: 8.155 min Scan# 1039

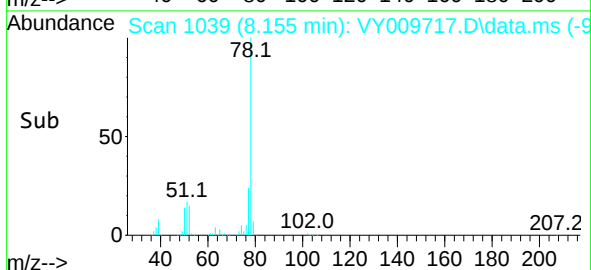
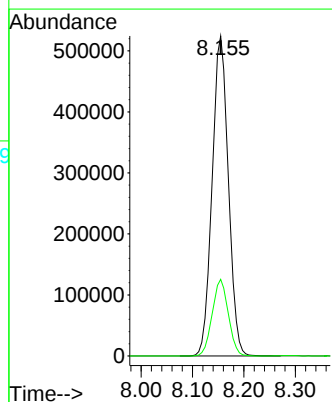
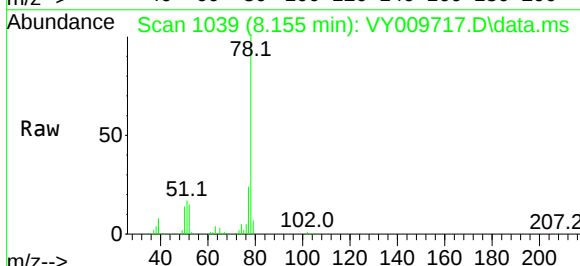
Delta R.T. -0.000 min

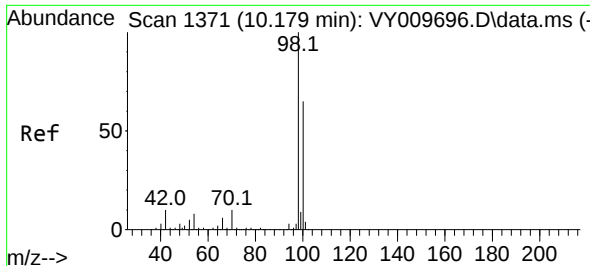
Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

Tgt Ion: 78 Resp: 1147332

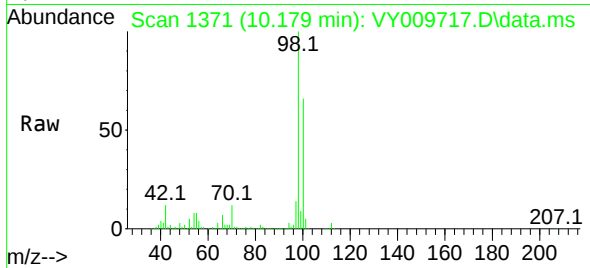
Ion Ratio	Lower Upper
78	100
77	23.9 20.4 30.6





#50
Toluene-d8
Concen: 58.101 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

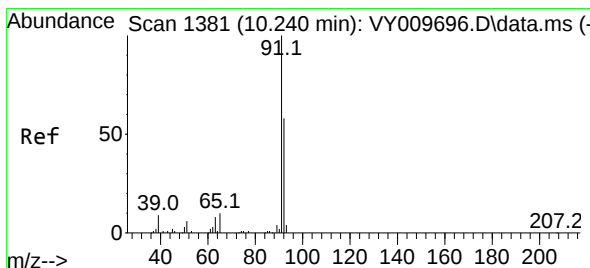
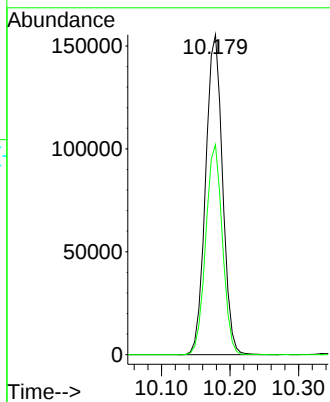
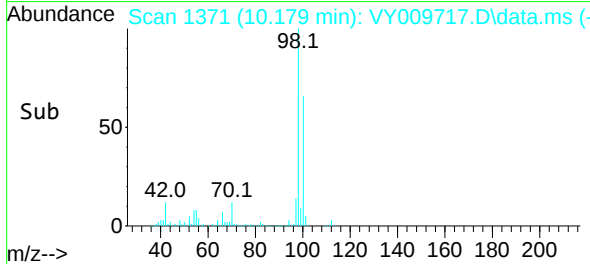
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP



Tgt Ion: 98 Resp: 267398
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

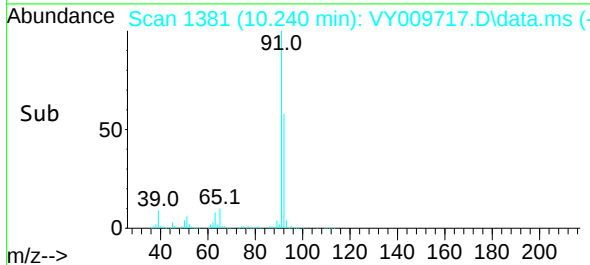
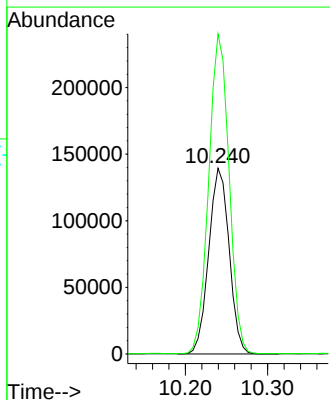
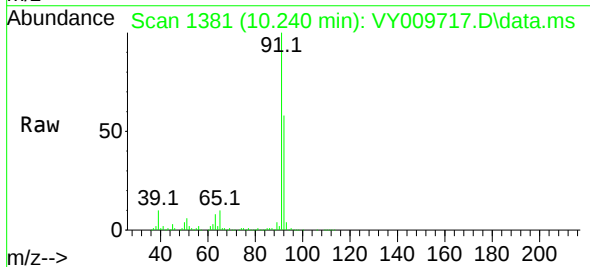
Manual Integrations
APPROVED

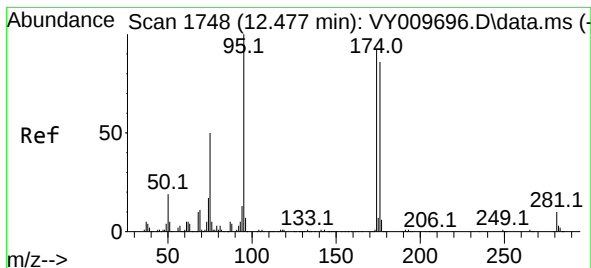
Reviewed By :Krupa Patel 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#52
Toluene
Concen: 49.696 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

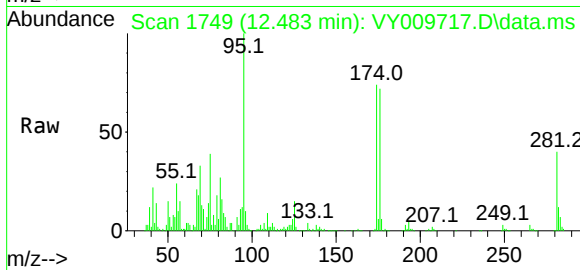
Tgt Ion: 92 Resp: 240001
Ion Ratio Lower Upper
92 100
91 171.7 142.6 213.8





#62
4-Bromofluorobenzene
Concen: 38.863 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

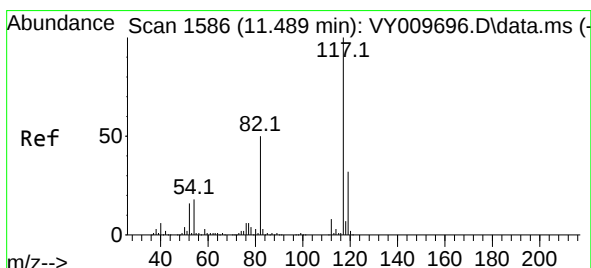
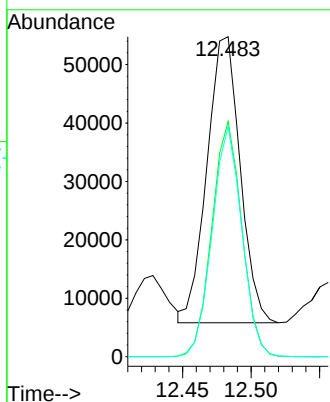
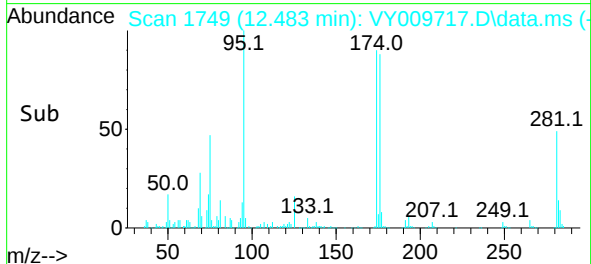
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP



Tgt Ion: 95 Resp: 82408
Ion Ratio Lower Upper
95 100
174 74.2 0.0 177.0
176 71.8 0.0 175.8

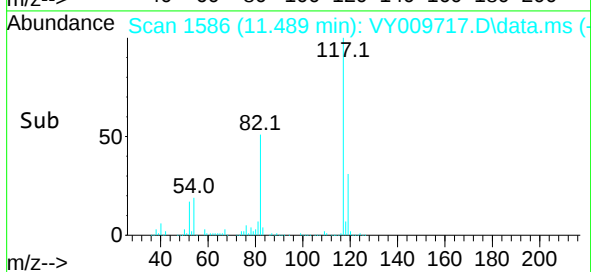
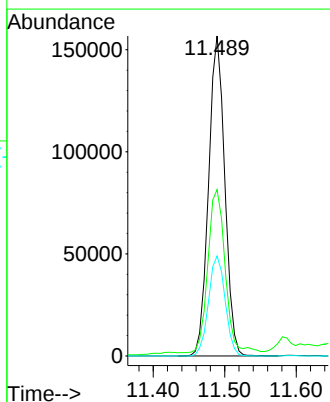
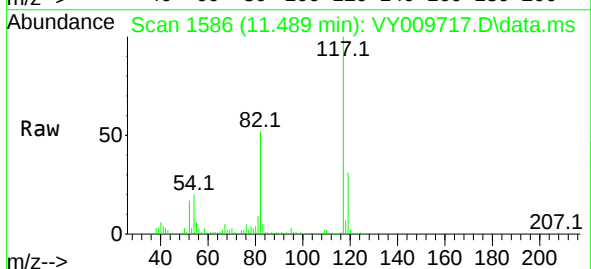
Manual Integrations
APPROVED

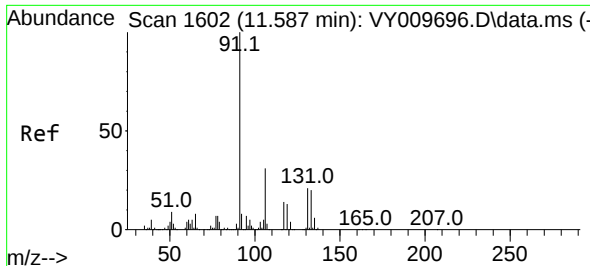
Reviewed By :Krupa Patel 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

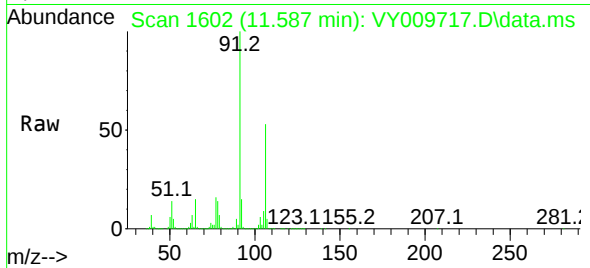
Tgt Ion:117 Resp: 246317
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 31.2 25.4 38.0





#67
Ethyl Benzene
Concen: 2086.488 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

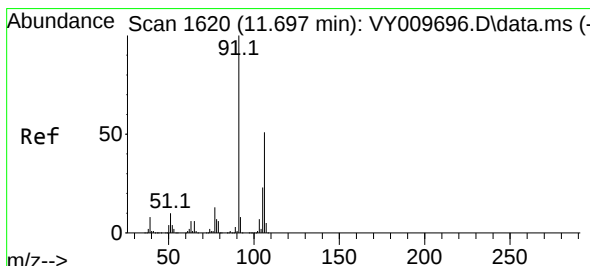
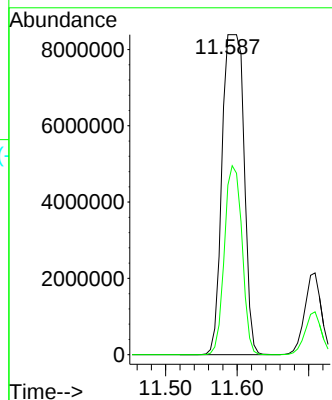
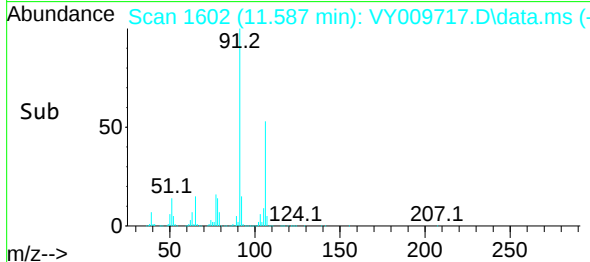
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP



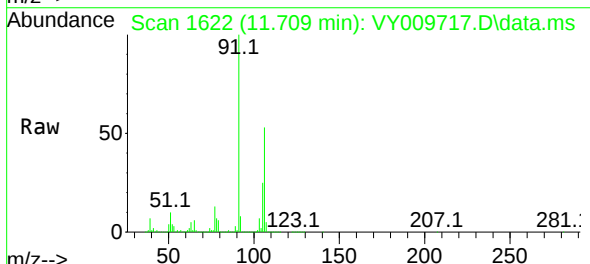
Tgt Ion: 91 Resp: 1782594
Ion Ratio Lower Upper
91 100
106 53.0 24.5 36.7

Manual Integrations
APPROVED

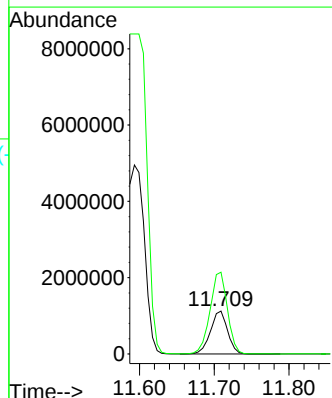
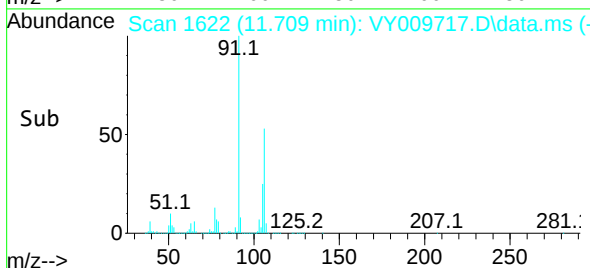
Reviewed By :Krupa Patel 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

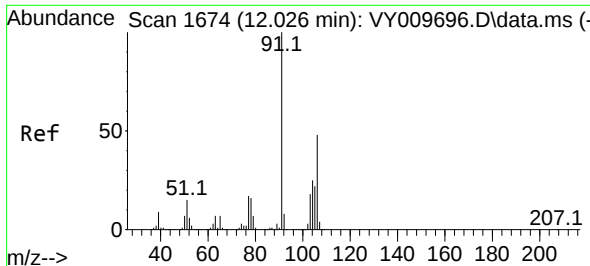


#68
m/p-Xylenes
Concen: 525.129 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.012 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21



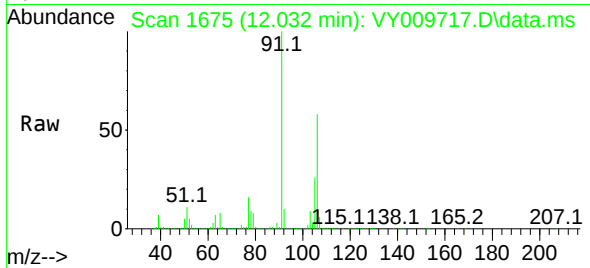
Tgt Ion: 106 Resp: 1780944
Ion Ratio Lower Upper
106 100
91 193.9 166.6 249.8





#69
o-Xylene
Concen: 2107.749 ug/l
RT: 12.032 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

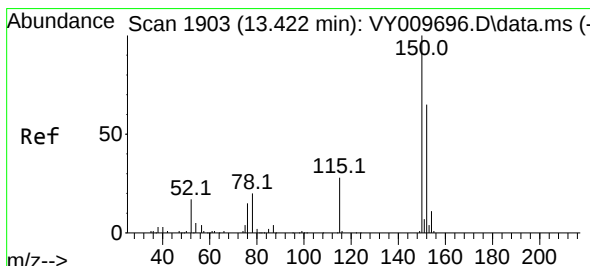
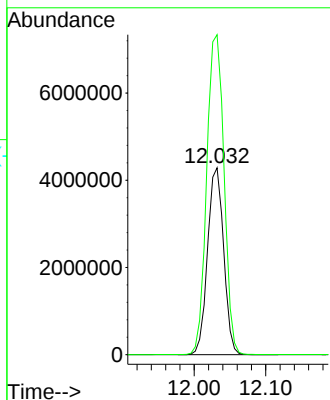
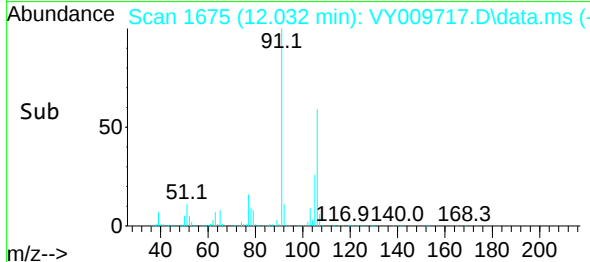
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP



Tgt Ion:106 Resp: 6684894
Ion Ratio Lower Upper
106 100
91 184.4 110.3 331.0

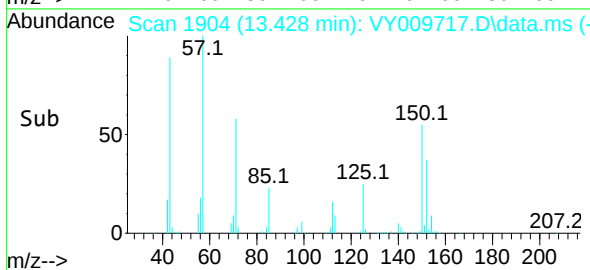
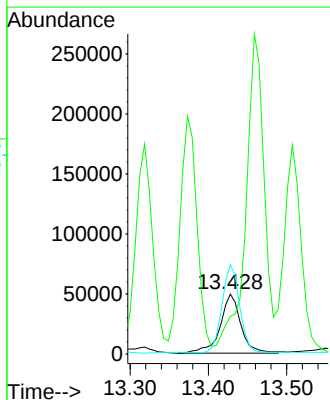
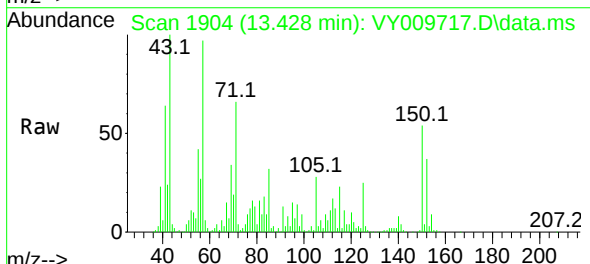
Manual Integrations
APPROVED

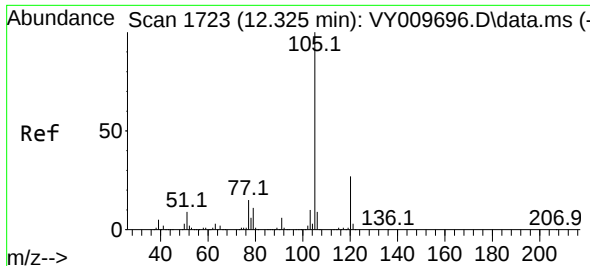
Reviewed By :Krupa Patel 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

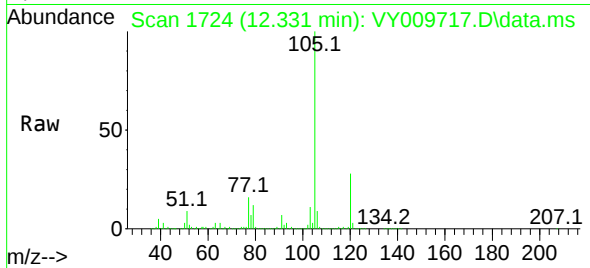
Tgt Ion:152 Resp: 90099
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 128.0 0.0 347.6





#73
Isopropylbenzene
Concen: 766.473 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

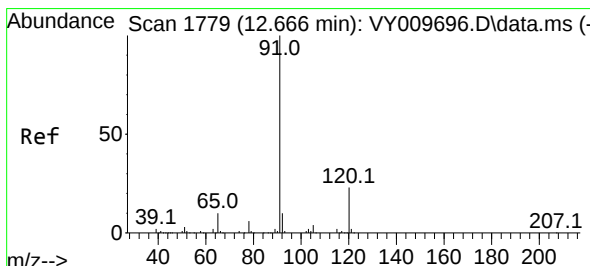
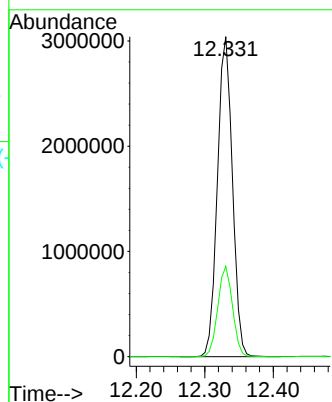
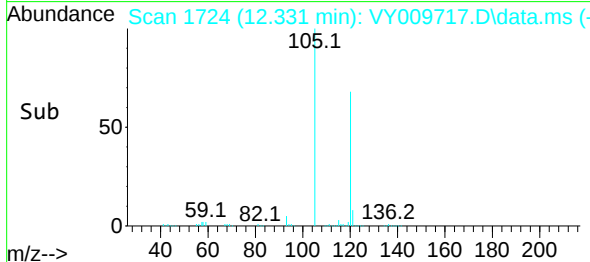
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP



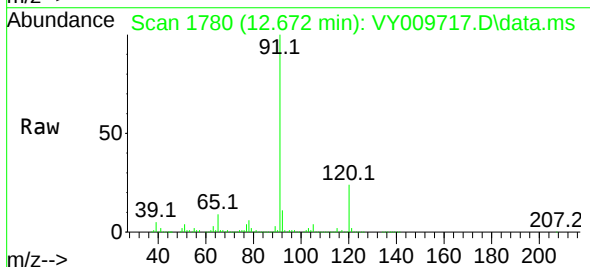
Tgt Ion:105 Resp: 459074
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.2

Manual Integrations
APPROVED

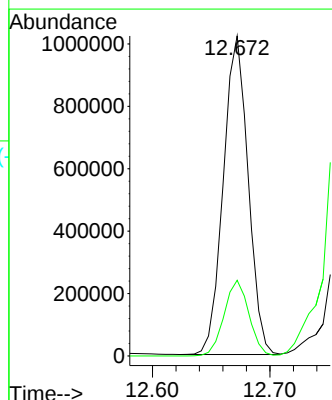
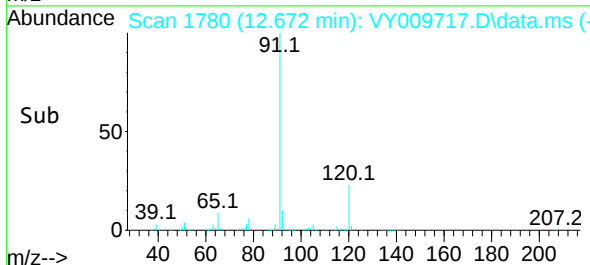
Reviewed By :Krupa Patel 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

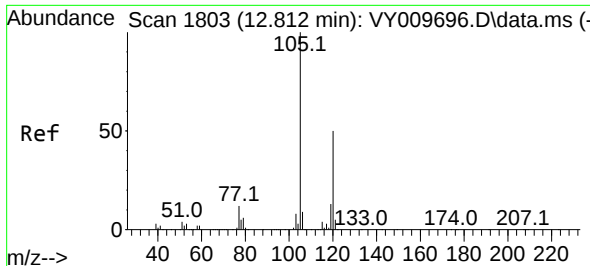


#78
n-propylbenzene
Concen: 210.284 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21



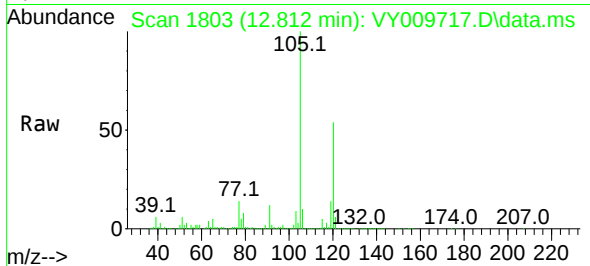
Tgt Ion: 91 Resp: 1496750
Ion Ratio Lower Upper
91 100
120 23.7 11.3 33.9





#80
1,3,5-Trimethylbenzene
Concen: 1519.556 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

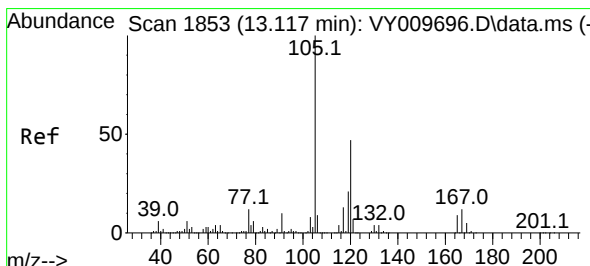
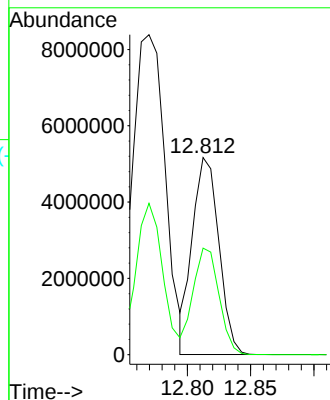
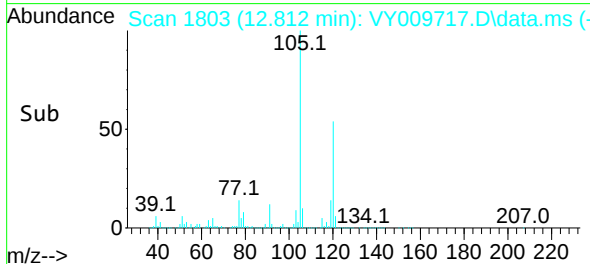
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP



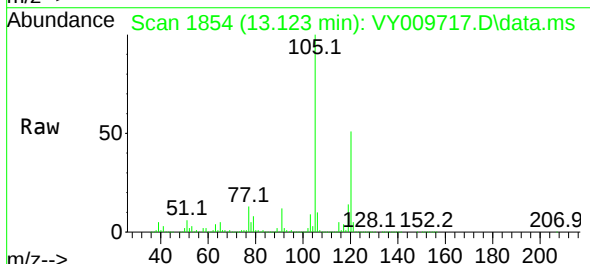
Tgt Ion:105 Resp: 7542939
Ion Ratio Lower Upper
105 100
120 53.0 24.4 73.4

Manual Integrations
APPROVED

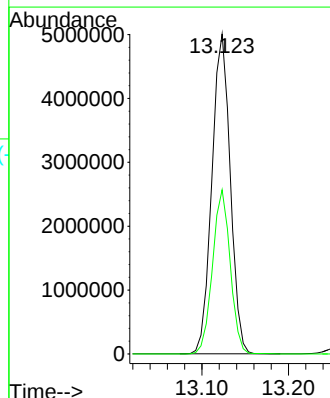
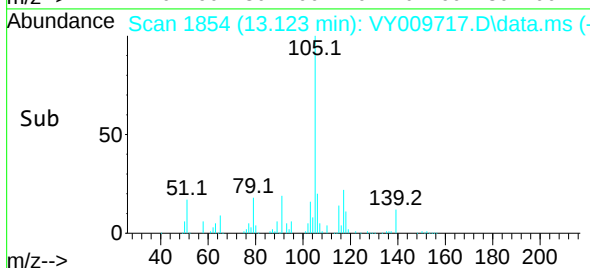
Reviewed By :Krupa Patel 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

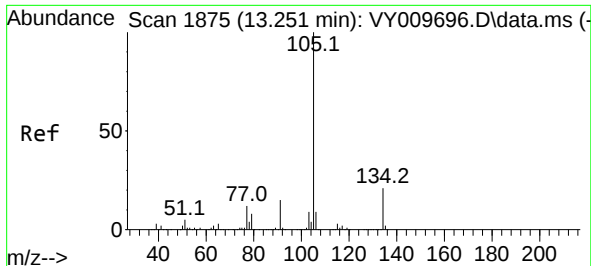


#84
1,2,4-Trimethylbenzene
Concen: 1474.980 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21



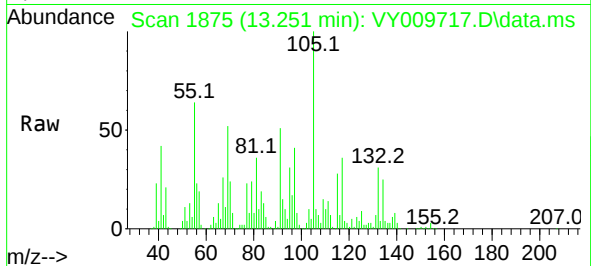
Tgt Ion:105 Resp: 7379642
Ion Ratio Lower Upper
105 100
120 49.5 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 22.227 ug/l m
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009717.D
 Acq: 27 Jul 2022 12:21

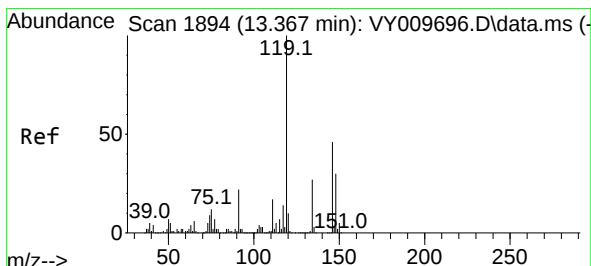
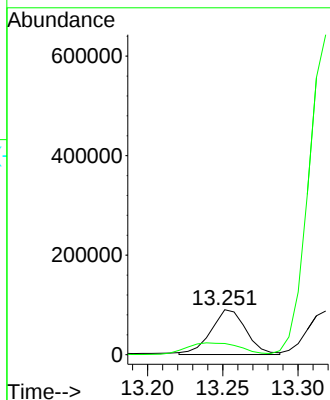
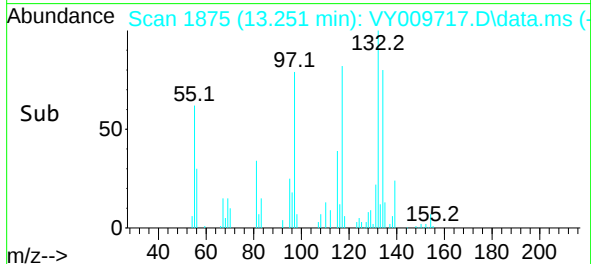
Instrument :
 MSVOA_Y
 ClientSampleId :
 METRO-DISP



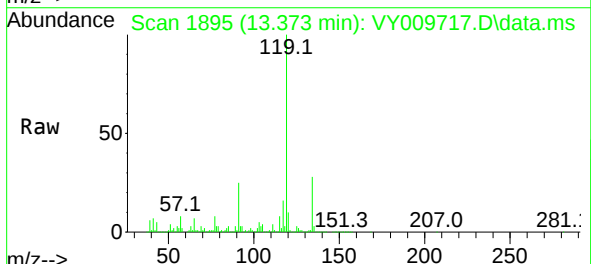
Tgt Ion:105 Resp: 145579
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

Manual Integrations
 APPROVED

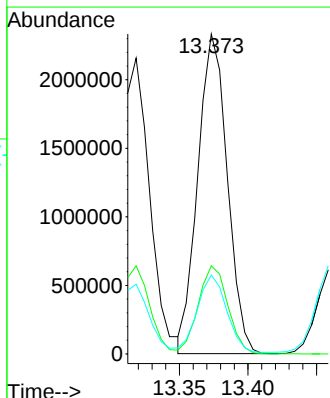
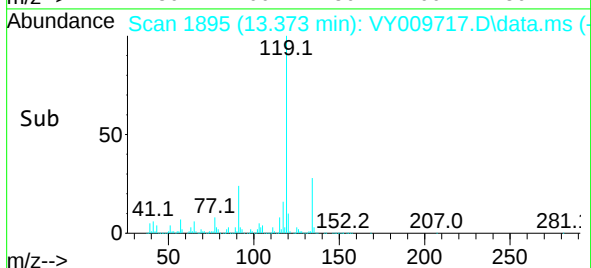
Reviewed By :Krupa Patel 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

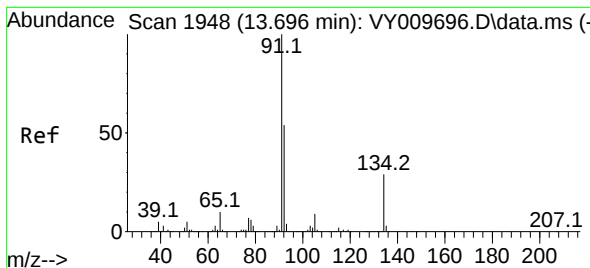


#86
 p-Isopropyltoluene
 Concen: 630.033 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY009717.D
 Acq: 27 Jul 2022 12:21



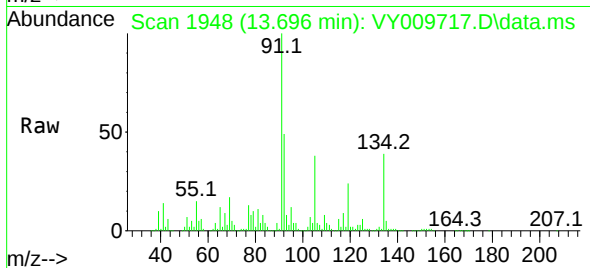
Tgt Ion:119 Resp: 3490125
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.2 39.5
 91 24.1 12.4 37.2





#89
n-Butylbenzene
Concen: 76.525 ug/l m
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

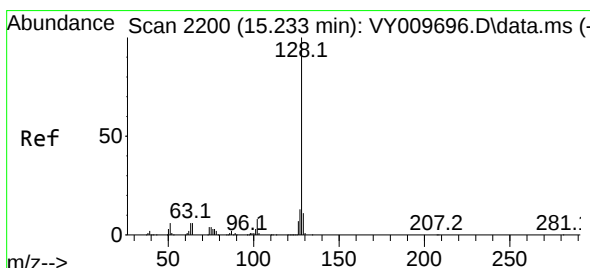
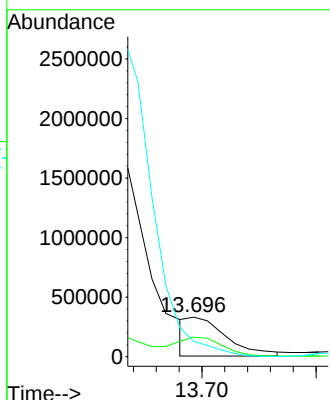
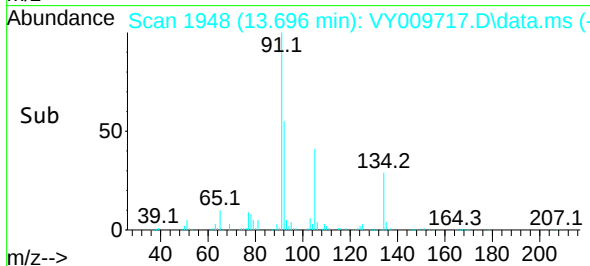
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP



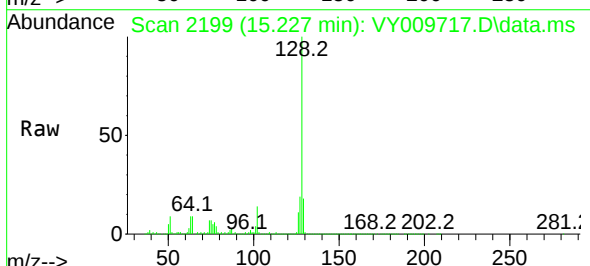
Tgt Ion: 91 Resp: 388372
Ion Ratio Lower Upper
91 100
92 0.0 26.3 78.9#
134 970.3 13.0 38.9#

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#95
Naphthalene
Concen: 10475.585 ug/l m
RT: 15.227 min Scan# 2199
Delta R.T. -0.006 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21



Tgt Ion:128 Resp:33242231
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

