

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015092.D
 Acq On : 14 Aug 2023 20:20
 Operator : SY/MD
 Sample : 03903-01
 Misc : 5.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/15/2023
 Supervised By :Semsettin Yesilyurt 08/15/2023

Quant Time: Aug 15 02:25:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	146037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	248942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	272752	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	301679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	95669	54.573	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.140%			
35) Dibromofluoromethane	7.710	113	74860	46.743	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.480%			
50) Toluene-d8	10.179	98	1294552	217.141	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 434.280%#			
62) 4-Bromofluorobenzene	12.471	95	673916	309.486	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 618.980%#			
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	29295	51.153	ug/l	98
17) Carbon Disulfide	4.186	76	79867	44.659	ug/l	99
20) Methylene Chloride	4.710	84	7295	1.086	ug/l	# 90
25) 2-Butanone	6.978	43	18238	22.492	ug/l	# 74
39) Methylcyclohexane	9.179	83	1532397	771.501	ug/l	91
73) Isopropylbenzene	12.331	105	236217	12.177	ug/l	96
78) n-propylbenzene	12.672	91	428147	18.586	ug/l	94
83) tert-Butylbenzene	13.075	119	158923	10.745	ug/l	# 53
84) 1,2,4-Trimethylbenzene	13.117	105	32743m	2.026	ug/l	
85) sec-Butylbenzene	13.251	105	1999341	92.258	ug/l	# 47
89) n-Butylbenzene	13.697	91	2162121	127.627	ug/l	# 80

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

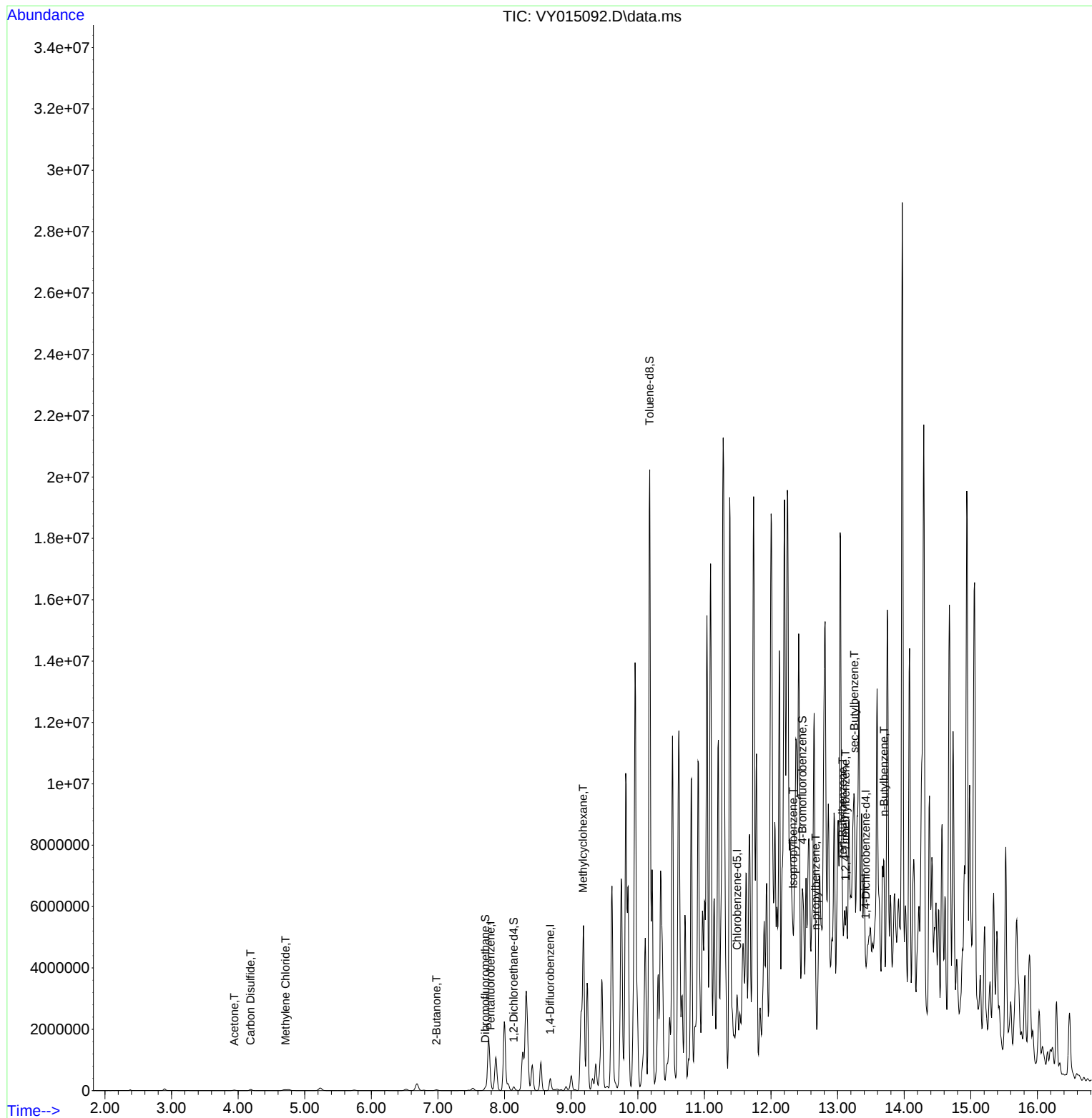
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
Data File : VY015092.D
Acq On : 14 Aug 2023 20:20
Operator : SY/MD
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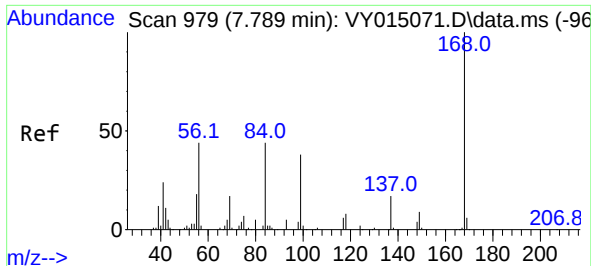
Instrument :
MSVOA_Y
ClientSampleId :
MW-01

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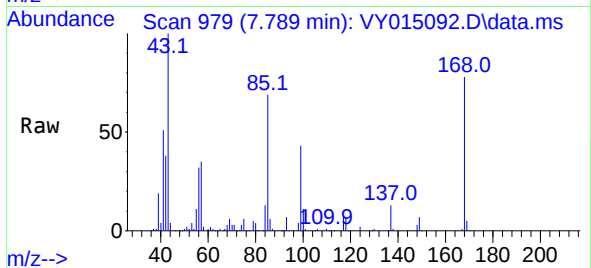
Quant Time: Aug 15 02:25:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

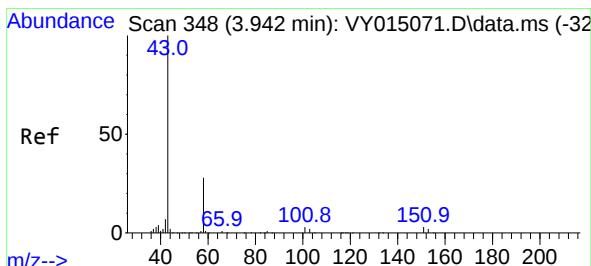
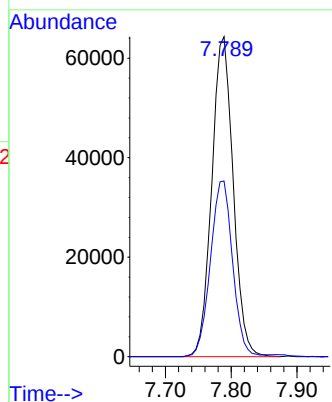
Instrument :
MSVOA_Y
ClientSampleId :
MW-01



Tgt Ion:168 Resp: 14603
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0

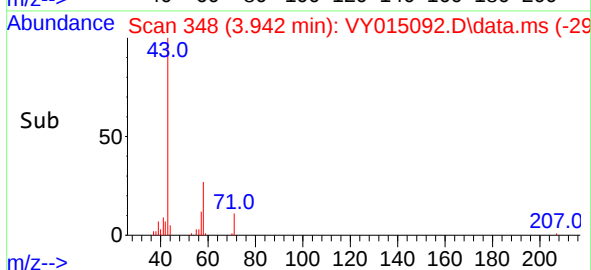
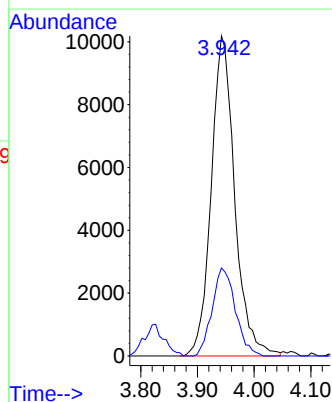
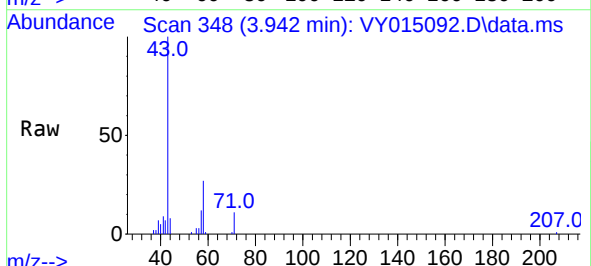
Manual Integrations
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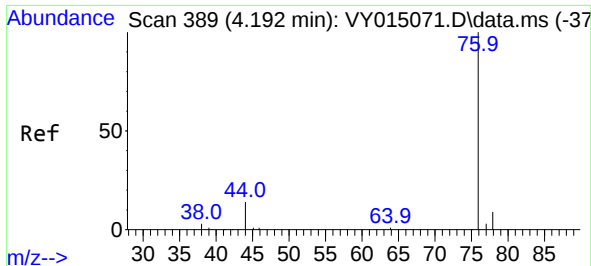
Reviewed By :Mahesh Dadoda 08/15/2023
Supervised By :Semsettin Yesilyurt 08/15/2023



#16
Acetone
Concen: 51.153 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

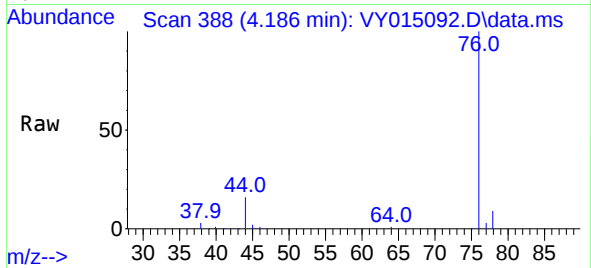
Tgt Ion: 43 Resp: 29295
Ion Ratio Lower Upper
43 100
58 27.5 22.7 34.1





#17
Carbon Disulfide
Concen: 44.659 ug/l
RT: 4.186 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

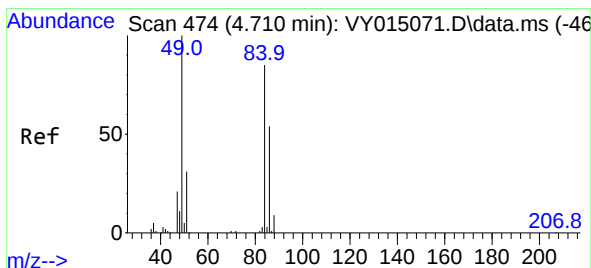
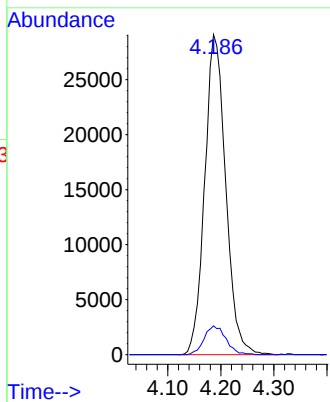
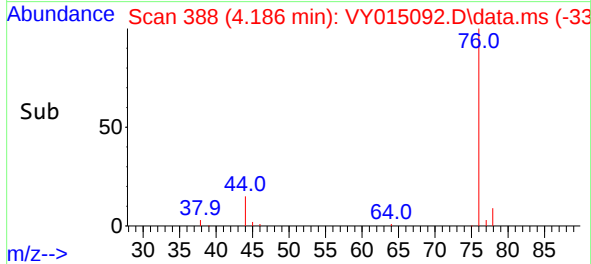
Instrument :
MSVOA_Y
ClientSampleId :
MW-01



Tgt Ion: 76 Resp: 7986
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

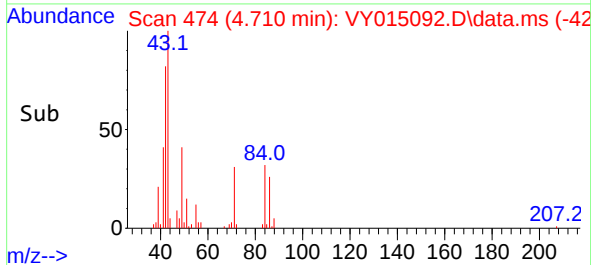
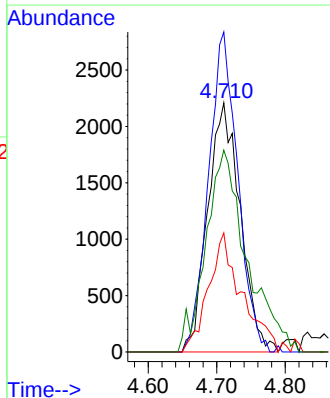
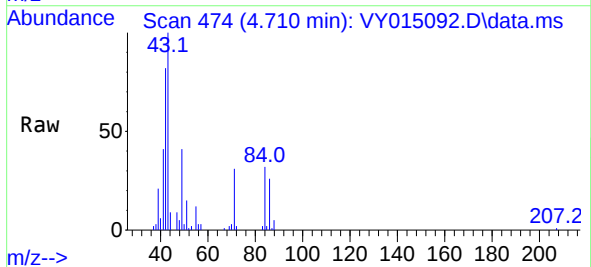
Manual Integrations
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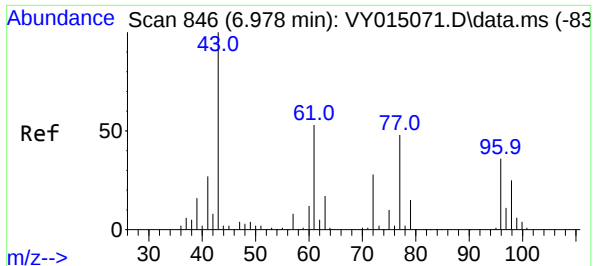
Reviewed By :Mahesh Dadoda 08/15/2023
Supervised By :Semsettin Yesilyurt 08/15/2023



#20
Methylene Chloride
Concen: 1.086 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

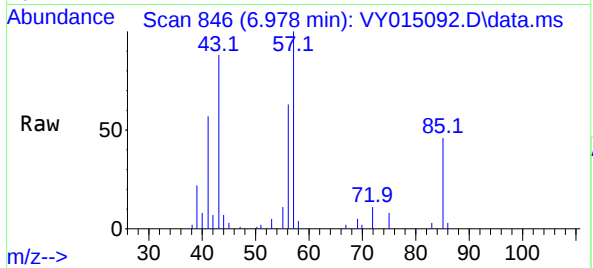
Tgt Ion: 84 Resp: 7295
Ion Ratio Lower Upper
84 100
49 128.4 106.9 160.3
51 47.8 33.2 49.8
86 81.0 51.0 76.6#





#25
2-Butanone
Concen: 22.492 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

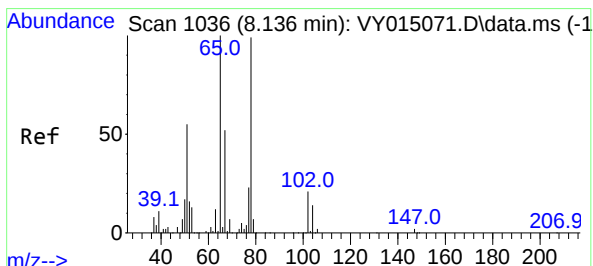
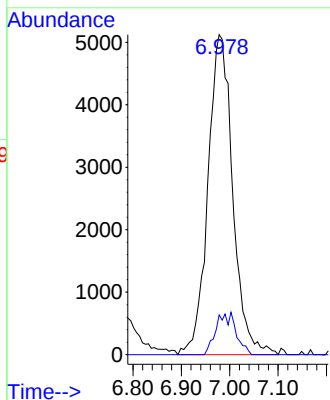
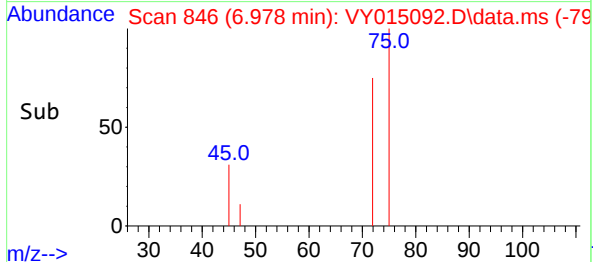
Instrument :
MSVOA_Y
ClientSampleId :
MW-01



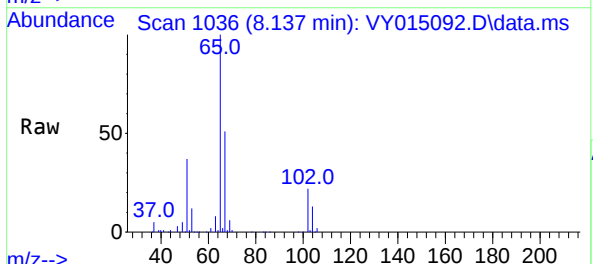
Tgt Ion: 43 Resp: 18238
Ion Ratio Lower Upper
43 100
72 12.5 20.5 30.7

Manual Integrations
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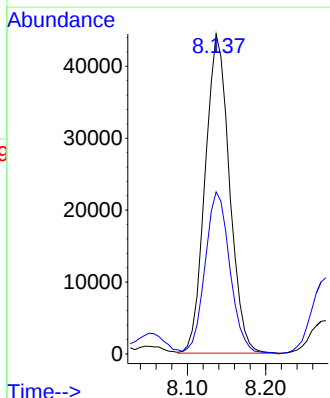
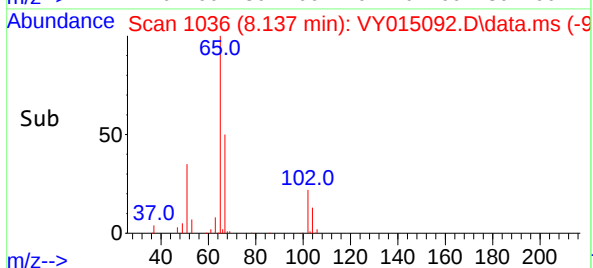
Reviewed By :Mahesh Dadoda 08/15/2023
Supervised By :Semsettin Yesilyurt 08/15/2023

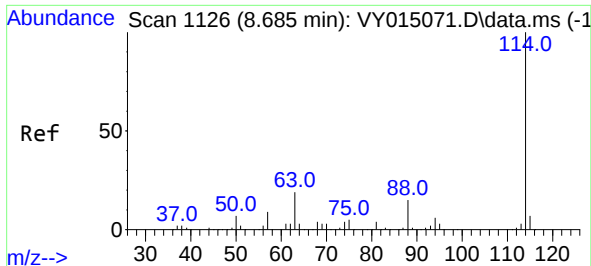


#33
1,2-Dichloroethane-d4
Concen: 54.573 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20



Tgt Ion: 65 Resp: 95669
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

Instrument :

MSVOA_Y

ClientSampleId :

MW-01

Tgt Ion:114 Resp: 24894

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

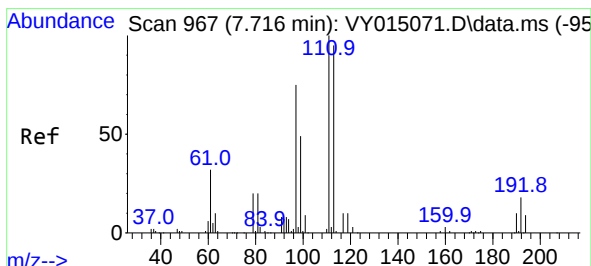
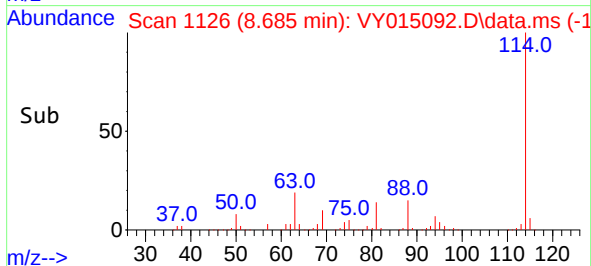
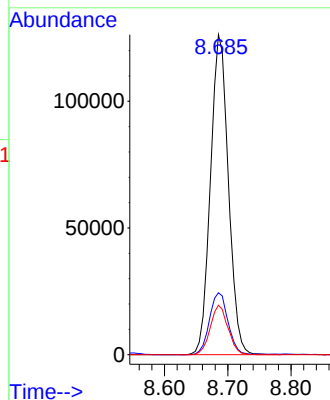
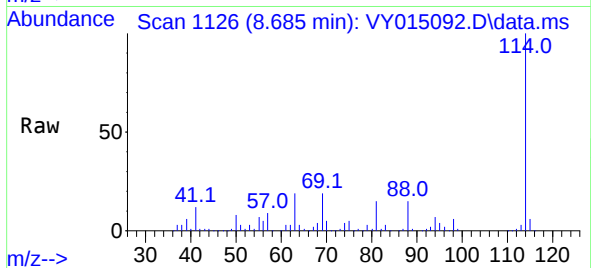
88 15.4 0.0 30.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2023

Supervised By :Semsettin Yesilyurt 08/15/2023



#35

Dibromofluoromethane

Concen: 46.743 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

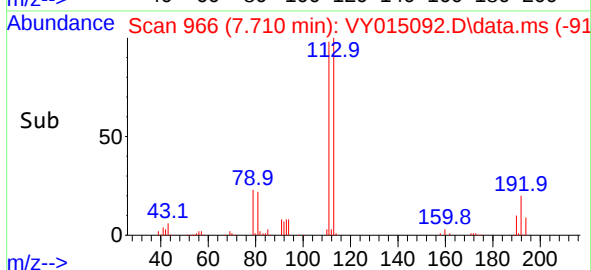
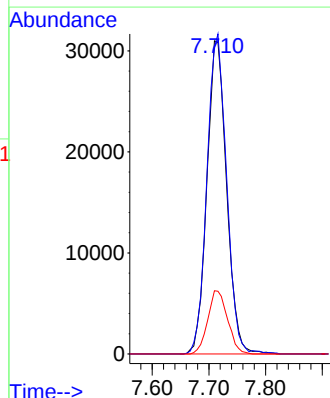
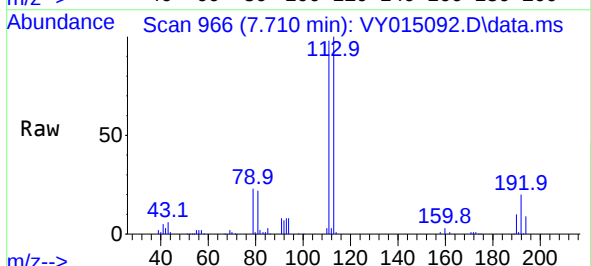
Tgt Ion:113 Resp: 74860

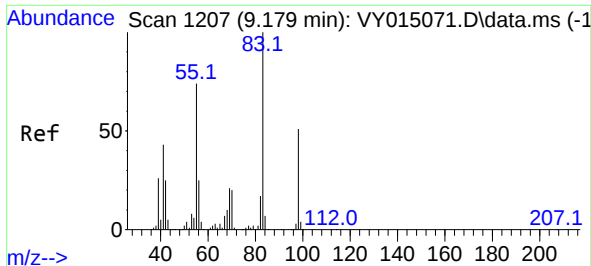
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

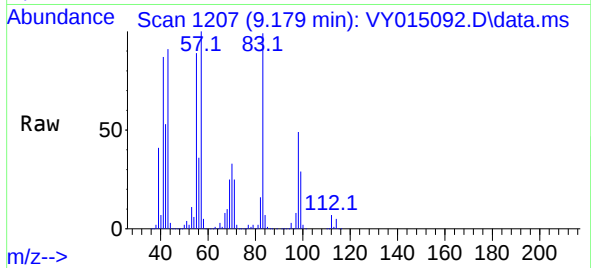
192 20.3 16.9 25.3





#39
Methylcyclohexane
Concen: 771.501 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

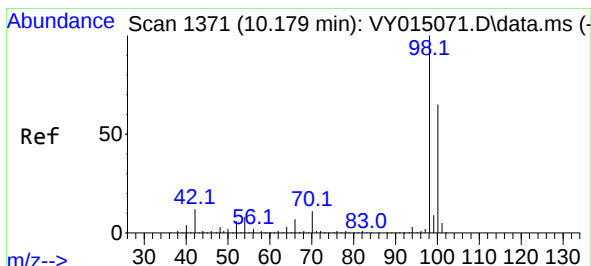
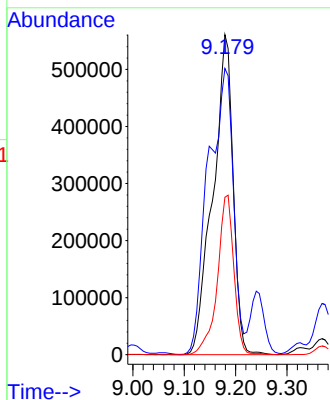
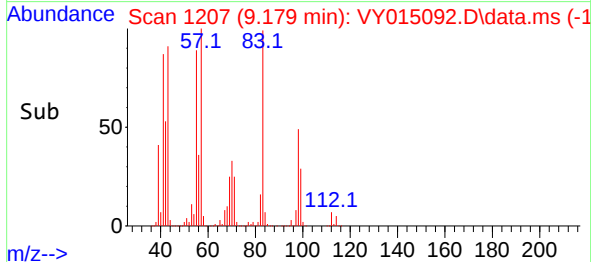
Instrument :
MSVOA_Y
ClientSampleId :
MW-01



Tgt Ion: 83 Resp: 153239
Ion Ratio Lower Upper
83 100
55 89.4 63.0 94.4
98 49.2 37.4 56.2

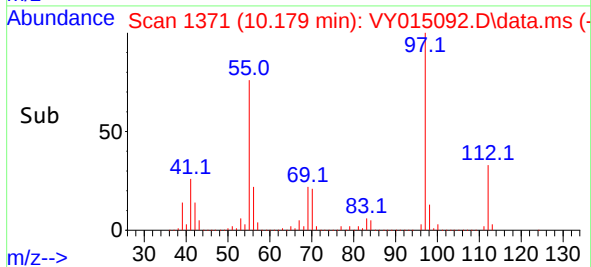
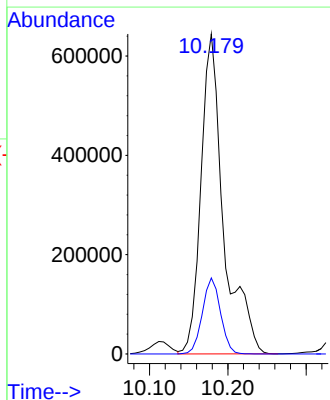
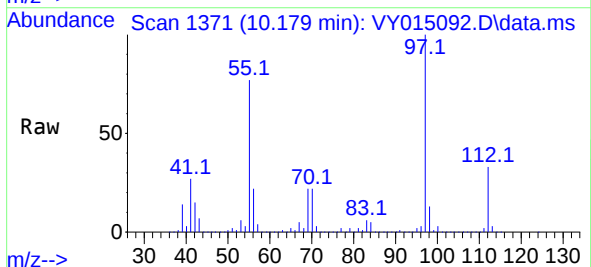
Manual Integrations
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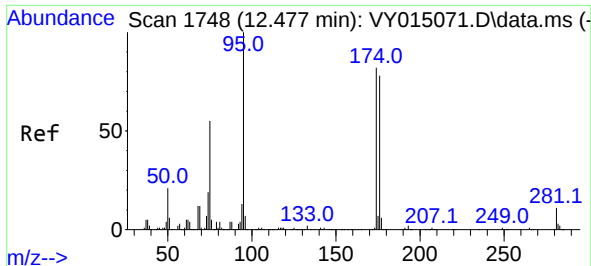
Reviewed By :Mahesh Dadoda 08/15/2023
Supervised By :Semsettin Yesilyurt 08/15/2023



#50
Toluene-d8
Concen: 217.141 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Tgt Ion: 98 Resp: 1294552
Ion Ratio Lower Upper
98 100
100 19.0 50.1 75.1#





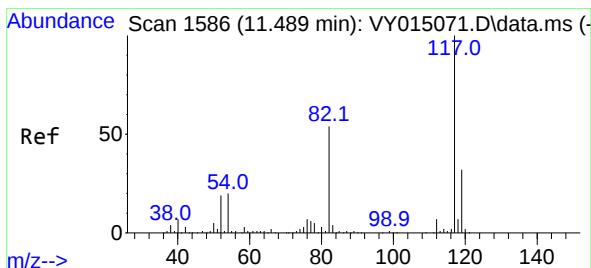
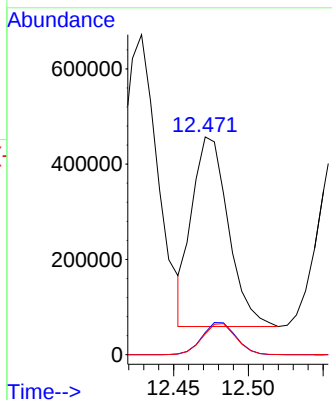
#62
4-Bromofluorobenzene
Concen: 309.486 ug/l
RT: 12.471 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Instrument :
MSVOA_Y
ClientSampleId :
MW-01

Tgt Ion: 95 Resp: 673910
Ion Ratio Lower Upper
95 100
174 15.9 0.0 178.2
176 15.2 0.0 173.8

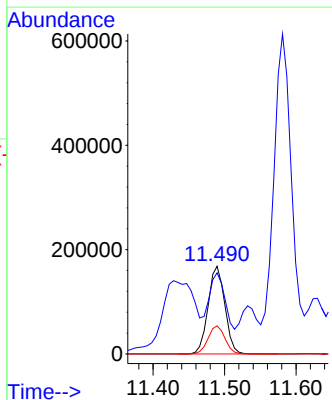
Manual Integrations
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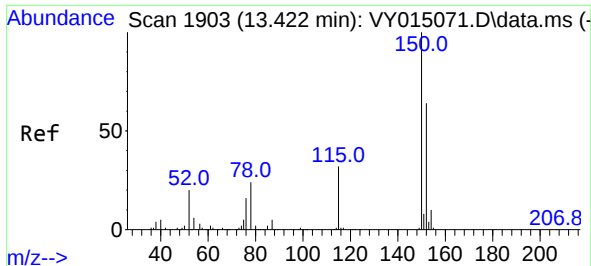
Reviewed By :Mahesh Dadoda 08/15/2023
Supervised By :Semsettin Yesilyurt 08/15/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

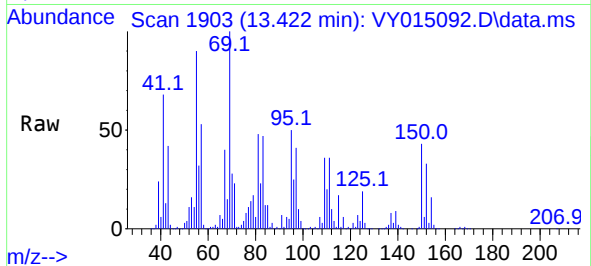
Tgt Ion:117 Resp: 272752
Ion Ratio Lower Upper
117 100
82 11.0 43.4 65.0#
119 32.1 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

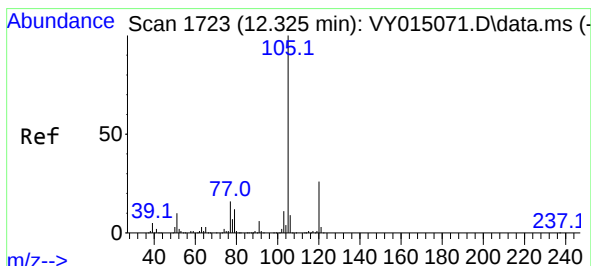
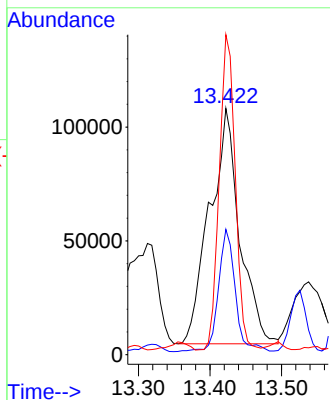
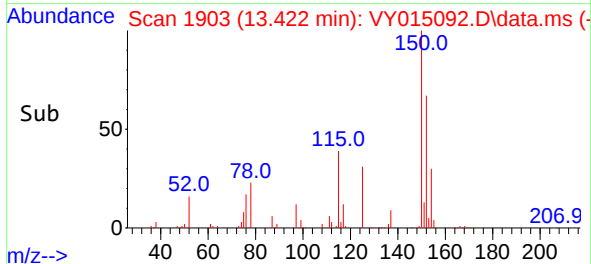
Instrument :
MSVOA_Y
Client Sample Id :
MW-01



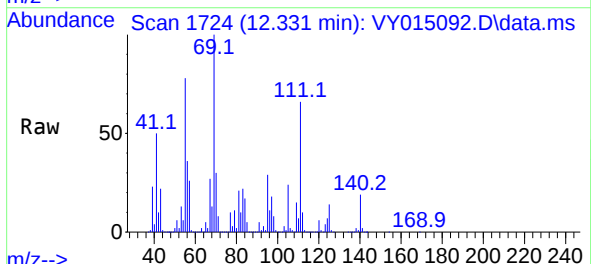
Tgt Ion:152 Resp: 301679
Ion Ratio Lower Upper
152 100
115 29.2 28.8 86.5
150 71.4 0.0 348.8

Manual Integrations
APPROVED

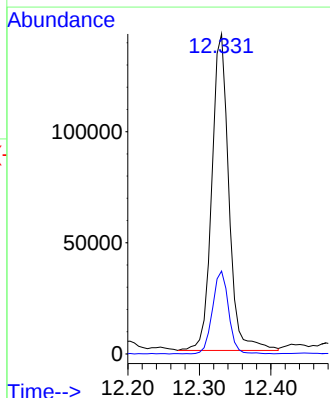
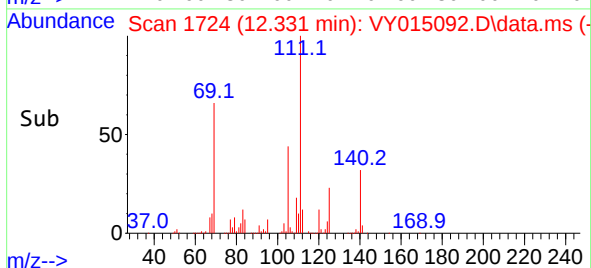
Reviewed By :Mahesh Dadoda 08/15/2023
Supervised By :Semsettin Yesilyurt 08/15/2023

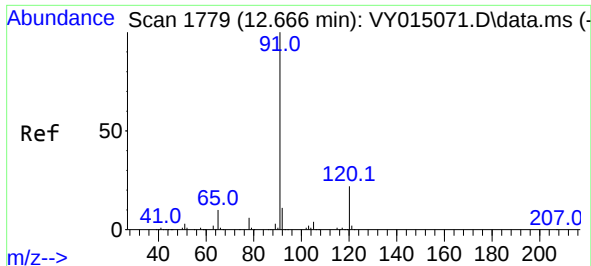


#73
Isopropylbenzene
Concen: 12.177 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20



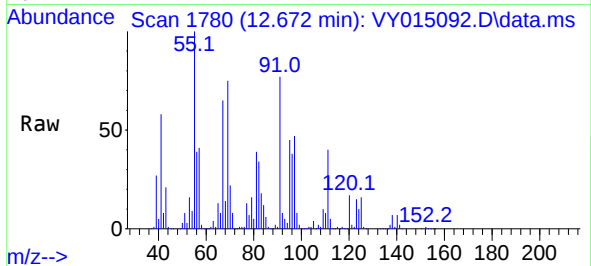
Tgt Ion:105 Resp: 236217
Ion Ratio Lower Upper
105 100
120 24.6 13.3 39.9





#78
n-propylbenzene
Concen: 18.586 ug/l
RT: 12.672 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

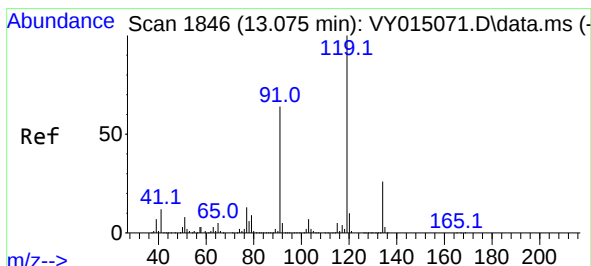
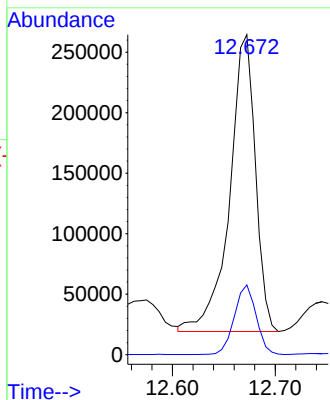
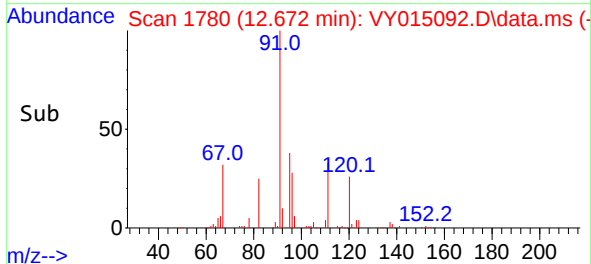
Instrument :
MSVOA_Y
ClientSampleId :
MW-01



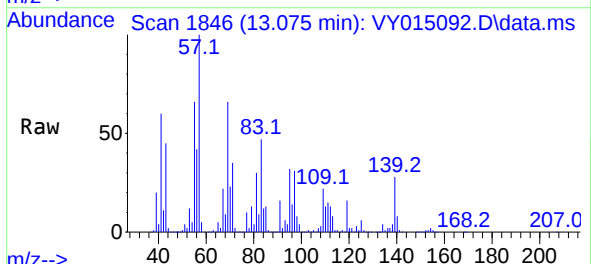
Tgt Ion: 91 Resp: 42814
Ion Ratio Lower Upper
91 100
120 19.9 11.5 34.4

Manual Integrations
APPROVED

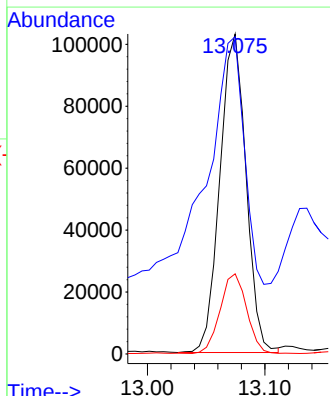
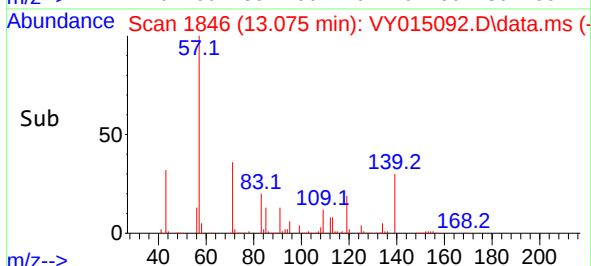
Reviewed By :Mahesh Dadoda 08/15/2023
Supervised By :Semsettin Yesilyurt 08/15/2023

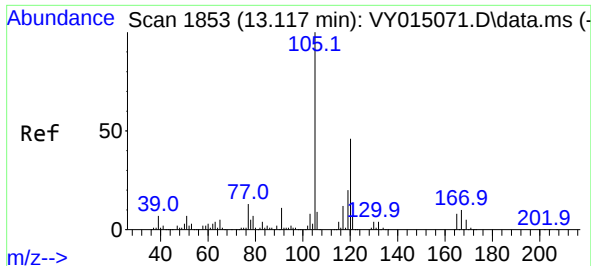


#83
tert-Butylbenzene
Concen: 10.745 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20



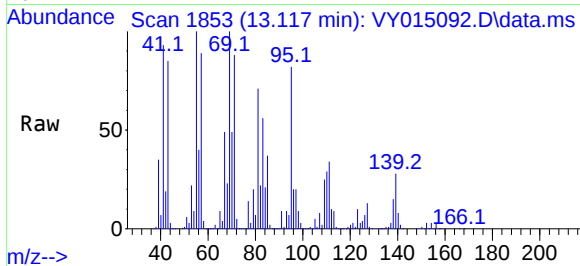
Tgt Ion:119 Resp: 158923
Ion Ratio Lower Upper
119 100
91 116.9 32.9 98.6#
134 25.4 13.0 38.9





#84
1,2,4-Trimethylbenzene
Concen: 2.026 ug/l m
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

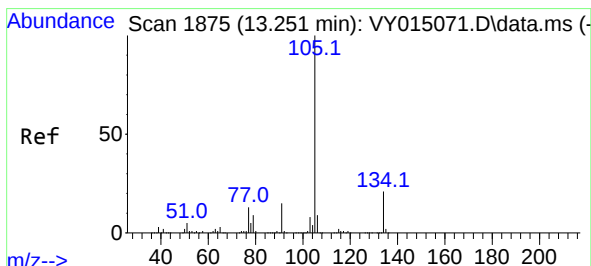
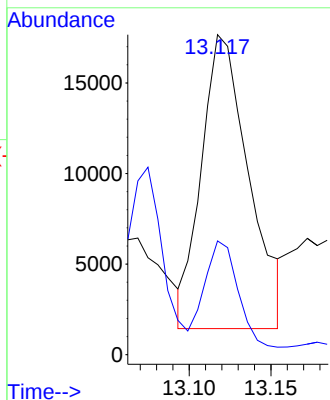
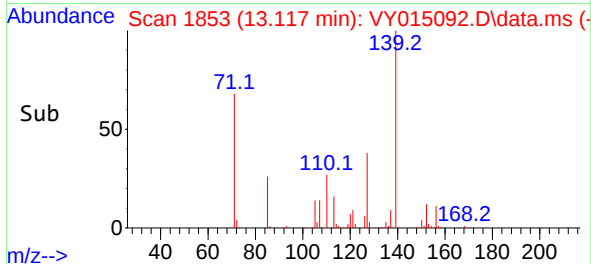
Instrument :
MSVOA_Y
ClientSampleId :
MW-01



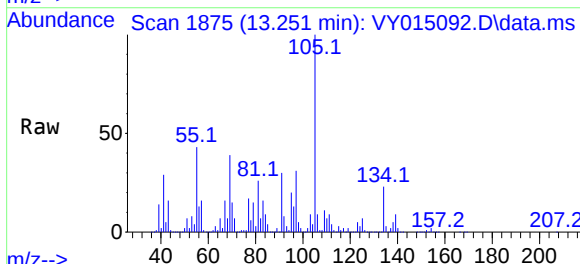
Tgt Ion:105 Resp: 3274
Ion Ratio Lower Upper
105 100
120 16.1 22.2 66.6

Manual Integrations
APPROVED

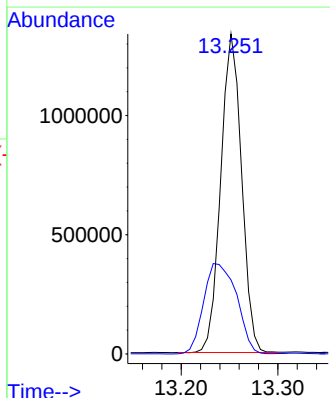
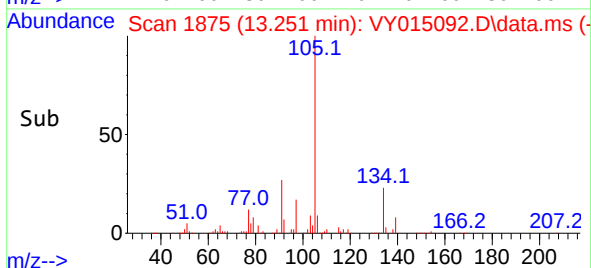
Reviewed By :Mahesh Dadoda 08/15/2023
Supervised By :Semsettin Yesilyurt 08/15/2023

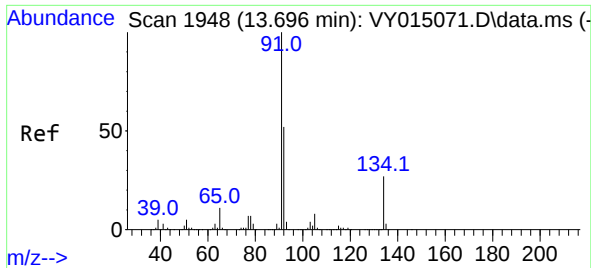


#85
sec-Butylbenzene
Concen: 92.258 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20



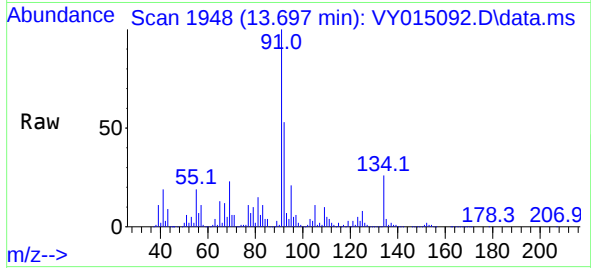
Tgt Ion:105 Resp: 1999341
Ion Ratio Lower Upper
105 100
134 44.9 10.2 30.6





#89
n-Butylbenzene
Concen: 127.627 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Instrument :
MSVOA_Y
ClientSampleId :
MW-01



Tgt Ion: 91 Resp: 216212

Ion	Ratio	Lower	Upper
91	100		
92	46.7	25.4	76.0
134	0.0	12.6	37.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/15/2023
Supervised By :Semsettin Yesilyurt 08/15/2023

