

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014993.D
 Acq On : 08 Aug 2023 18:21
 Operator : SY/MD
 Sample : 03903-10
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-10

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

Quant Time: Aug 09 01:04:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	229931	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.697	114	456809	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	455580	50.000	ug/l	# 0.02
72) 1,4-Dichlorobenzene-d4	13.453	152	195987m	50.000	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	191499	68.716	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.440%			
35) Dibromofluoromethane	7.716	113	147791	50.593	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.180%			
50) Toluene-d8	10.228	98	7996656m	719.204	ug/l	0.05
Spiked Amount 50.000	Range 58 - 134		Recovery = 1438.400%#			
62) 4-Bromofluorobenzene	12.495	95	6168570	1565.351	ug/l	0.02
Spiked Amount 50.000	Range 30 - 143		Recovery = 3130.700%#			
Target Compounds						
						Qvalue
16) Acetone	3.948	43	175196	201.602	ug/l	# 87
17) Carbon Disulfide	4.192	76	50500	12.568	ug/l	99
31) Cyclohexane	7.789	56	15648217	5834.269	ug/l	# 49
39) Methylcyclohexane	9.209	83	51141200	11857.642	ug/l	# 91
55) 1,1,2-Trichloroethane	10.545	97	99080094m	37285.296	ug/l	
67) Ethyl Benzene	11.624	91	1677209m	110.552	ug/l	
68) m/p-Xylenes	11.733	106	1050631	181.027	ug/l	96
73) Isopropylbenzene	12.349	105	3580633	271.783	ug/l	99
78) n-propylbenzene	12.684	91	8542055	542.095	ug/l	97
80) 1,3,5-Trimethylbenzene	12.825	105	1985623	182.892	ug/l	98
83) tert-Butylbenzene	13.081	119	1092099	109.960	ug/l	78
84) 1,2,4-Trimethylbenzene	13.123	105	8413543	773.488	ug/l	95
85) sec-Butylbenzene	13.257	105	6626676	454.614	ug/l	# 35
86) p-Isopropyltoluene	13.373	119	621015m	51.469	ug/l	
89) n-Butylbenzene	13.696	91	4785493	422.124	ug/l	# 84

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

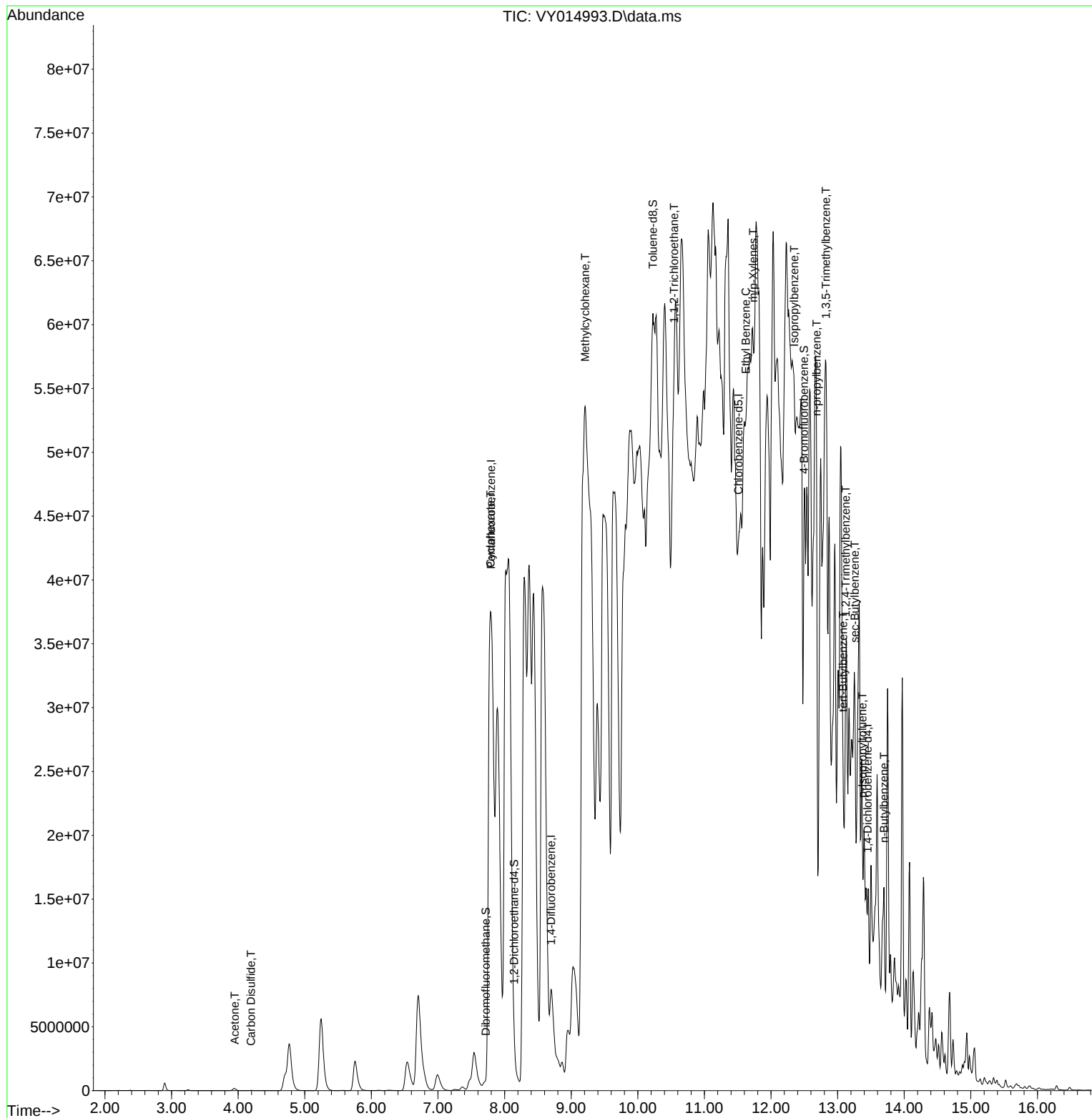
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
Data File : VY014993.D
Acq On : 08 Aug 2023 18:21
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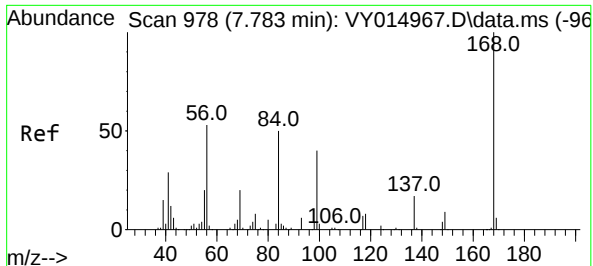
Instrument :
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ClientSampleId :
MW-10

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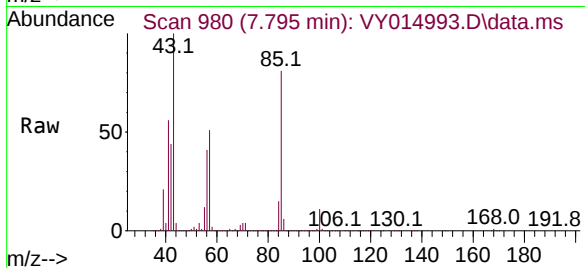
Quant Time: Aug 09 01:04:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. 0.012 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

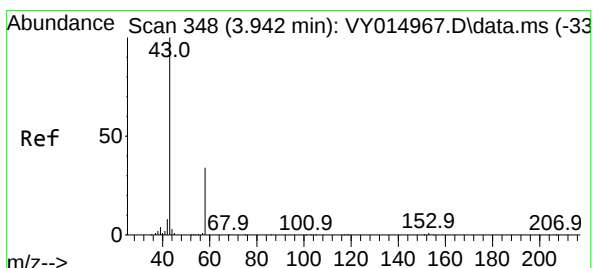
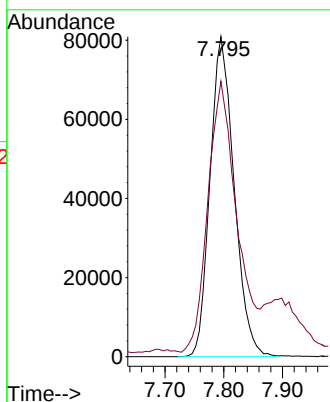
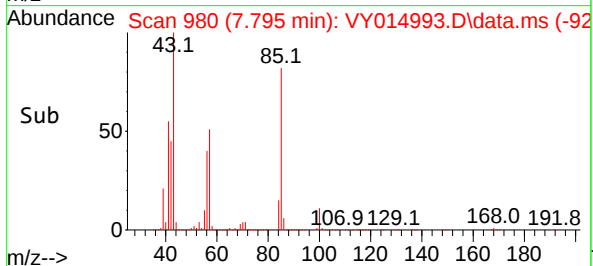
Instrument :
MSVOA_Y
ClientSampleId :
MW-10



Tgt Ion:168 Resp: 22993
Ion Ratio Lower Upper
168 100
99 84.5 43.4 65.0

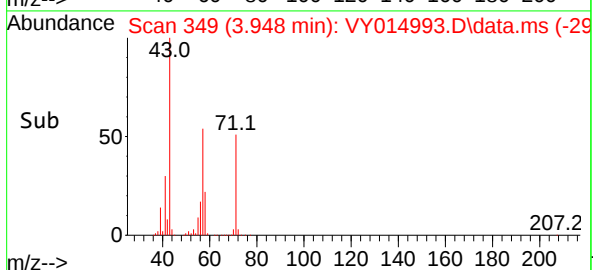
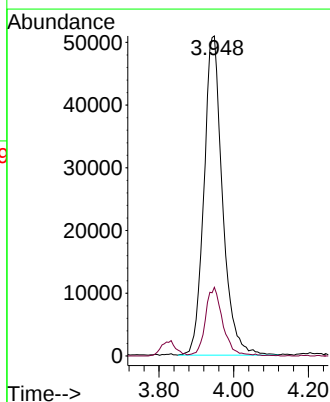
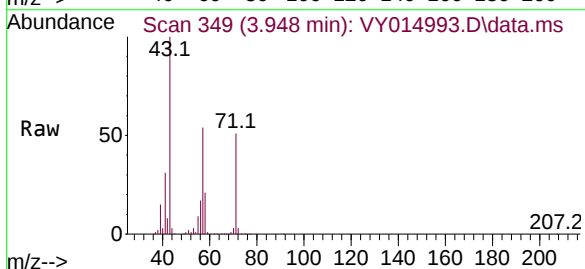
Manual Integrations
APPROVED

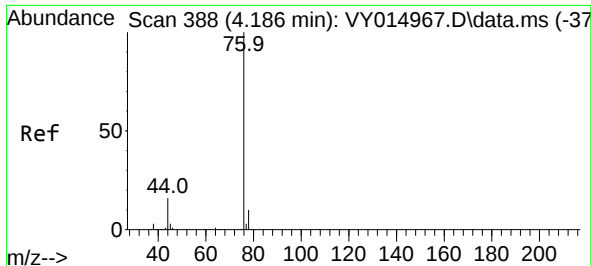
Reviewed By :Romaben Patel 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#16
Acetone
Concen: 201.602 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

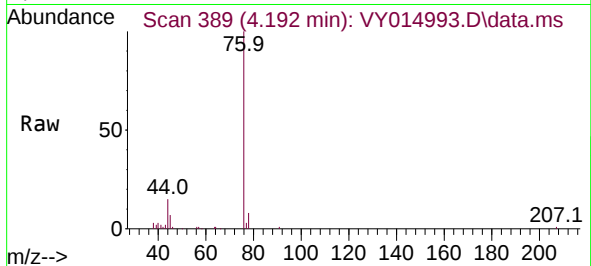
Tgt Ion: 43 Resp: 175196
Ion Ratio Lower Upper
43 100
58 21.3 22.7 34.1#





#17
Carbon Disulfide
Concen: 12.568 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

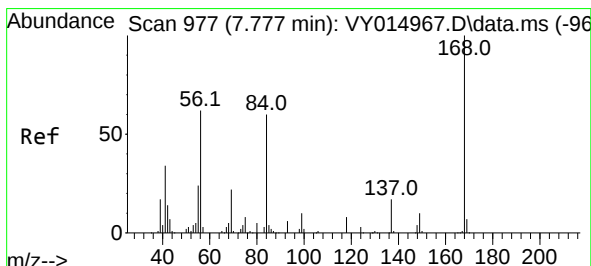
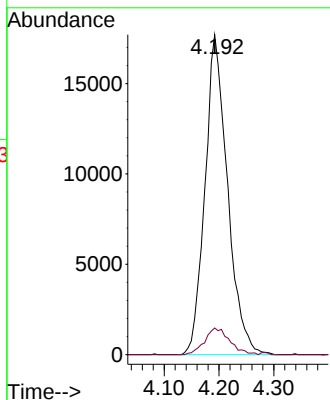
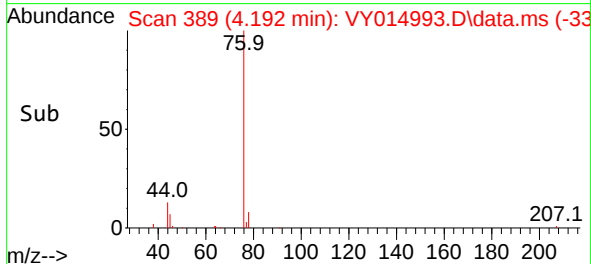
Instrument :
MSVOA_Y
ClientSampleId :
MW-10



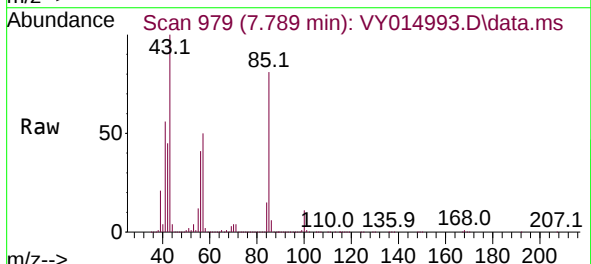
Tgt Ion: 76 Resp: 50500
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4

Manual Integrations
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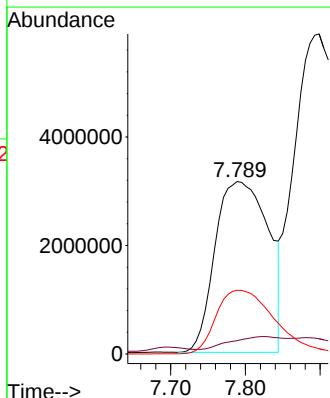
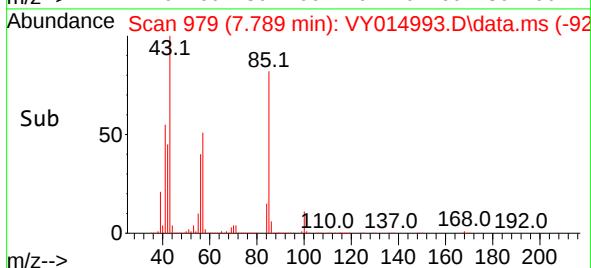
Reviewed By :Romaben Patel 08/09/2023
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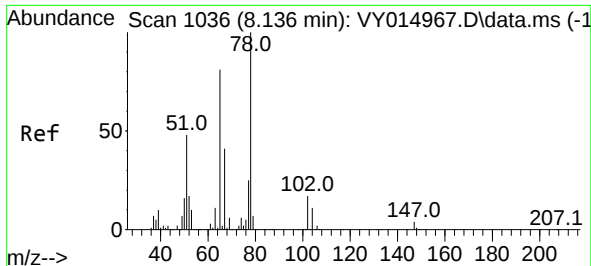


#31
Cyclohexane
Concen: 5834.269 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21



Tgt Ion: 56 Resp:15648217
Ion Ratio Lower Upper
56 100
69 4.2 27.8 41.6#
84 37.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 68.716 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

MW-10

Tgt Ion: 65 Resp: 191499

Ion Ratio Lower Upper

65 100

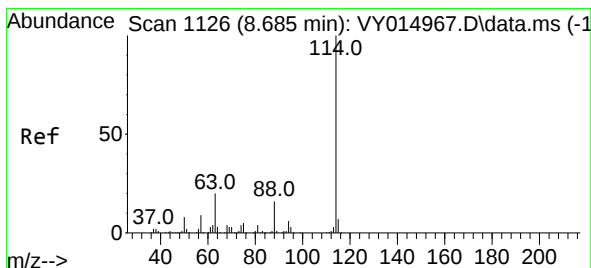
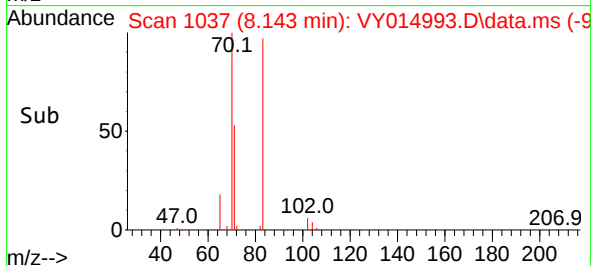
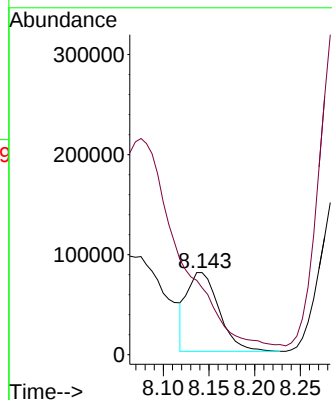
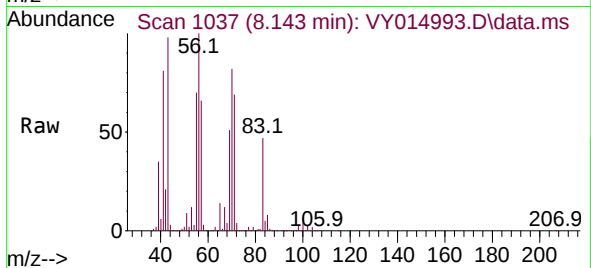
67 0.0 0.0 101.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

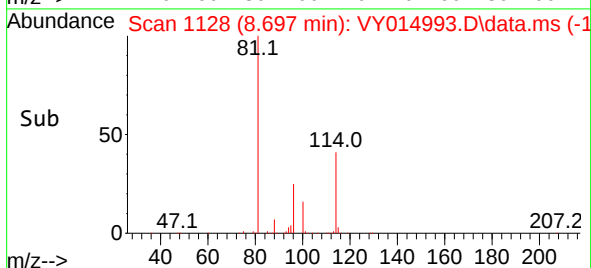
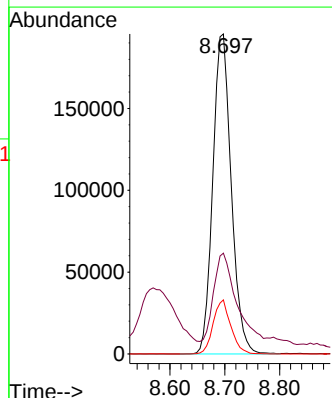
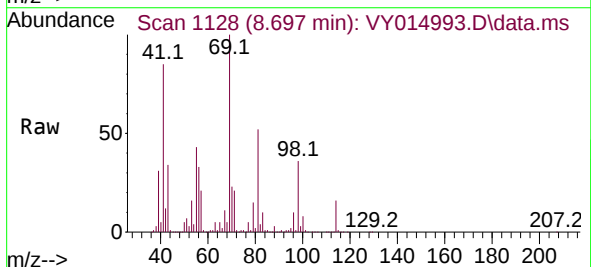
Tgt Ion:114 Resp: 456809

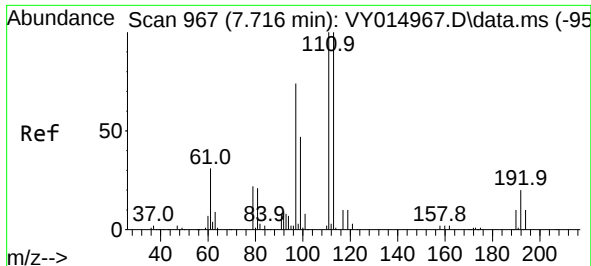
Ion Ratio Lower Upper

114 100

63 27.0 0.0 42.4

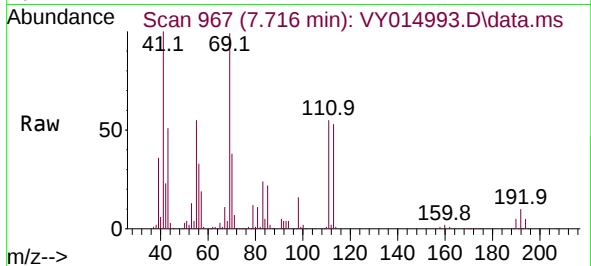
88 16.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.593 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

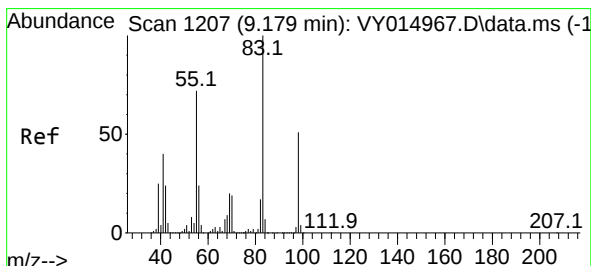
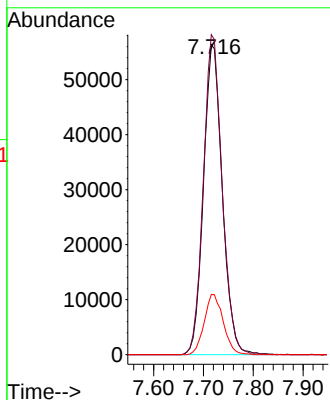
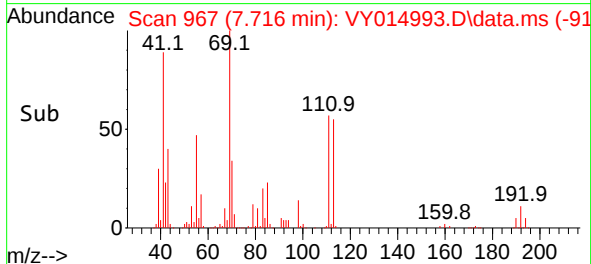
Instrument :
MSVOA_Y
ClientSampleId :
MW-10



Tgt Ion:113 Resp: 14779
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.6 16.9 25.3

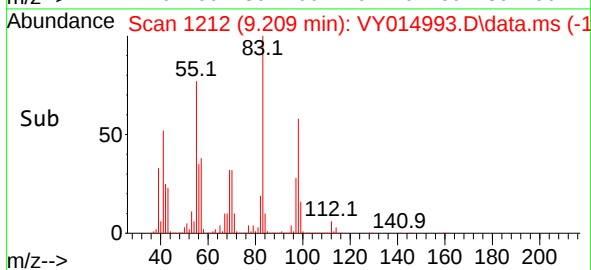
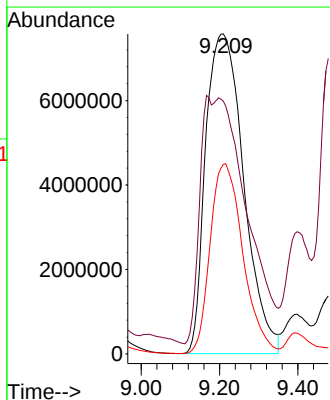
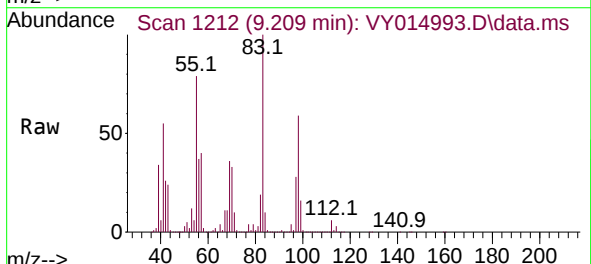
Manual Integrations
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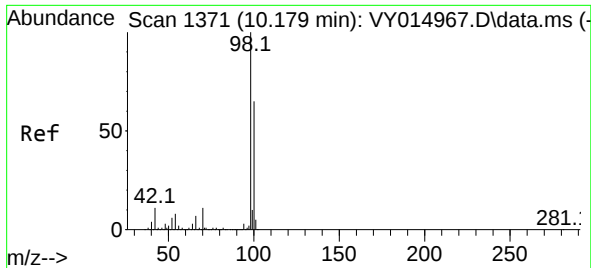
Reviewed By :Romaben Patel 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#39
Methylcyclohexane
Concen: 11857.642 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. 0.031 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

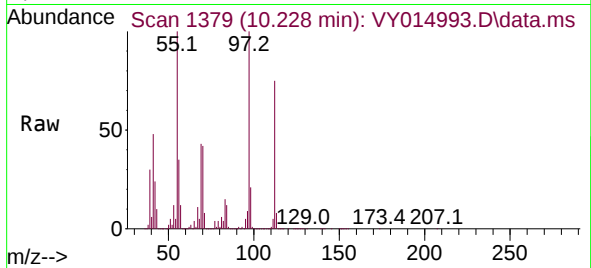
Tgt Ion: 83 Resp:51141200
Ion Ratio Lower Upper
83 100
55 75.3 63.0 94.4
98 59.2 37.4 56.2#





#50
Toluene-d8
Concen: 719.204 ug/l m
RT: 10.228 min Scan# 1430
Delta R.T. 0.049 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

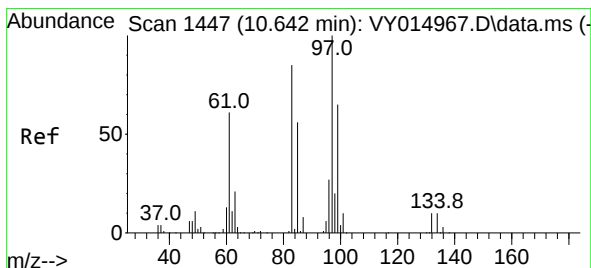
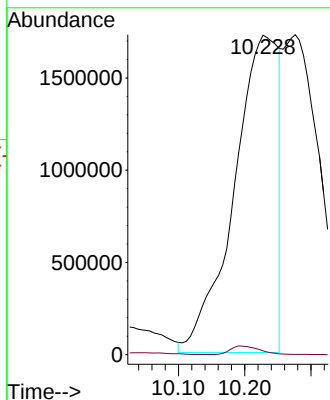
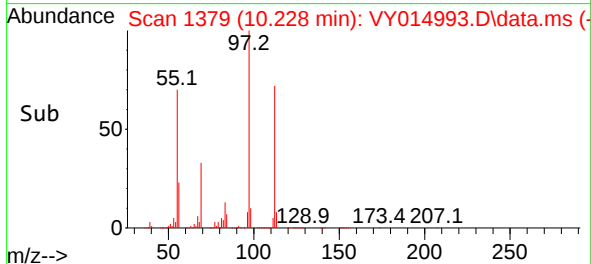
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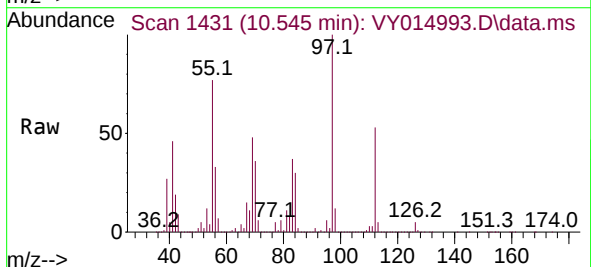
Tgt Ion: 98 Resp: 7996650
Ion Ratio Lower Upper
98 100
100 0.0 50.1 75.1#

Manual Integrations
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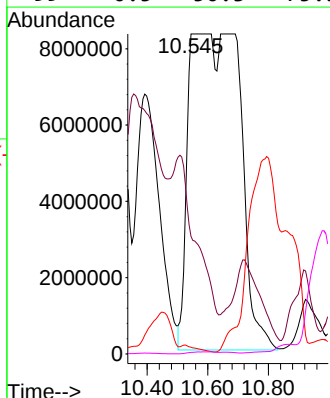
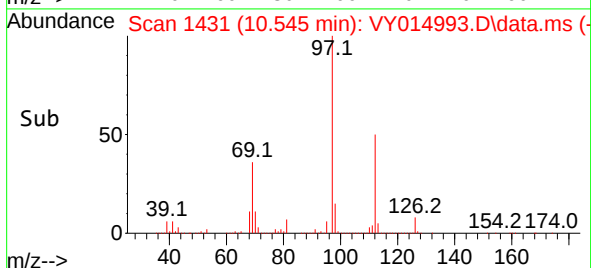
Reviewed By :Romaben Patel 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

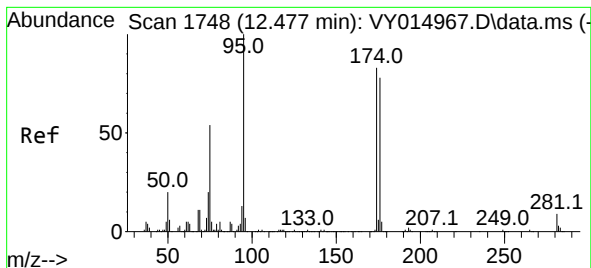


#55
1,1,2-Trichloroethane
Concen: 37285.296 ug/l m
RT: 10.545 min Scan# 1431
Delta R.T. -0.097 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21



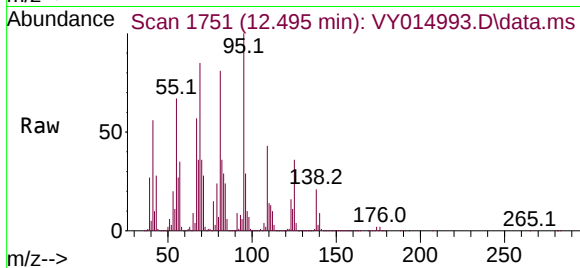
Tgt Ion: 97 Resp:99080094
Ion Ratio Lower Upper
97 100
83 36.7 72.0 108.0#
85 2.1 45.4 68.0#
99 0.5 50.3 75.5#





#62
4-Bromofluorobenzene
Concen: 1565.351 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

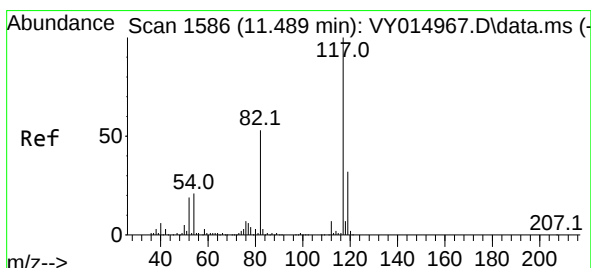
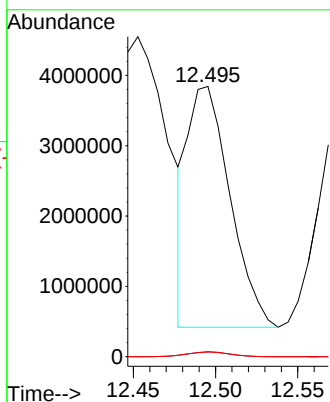
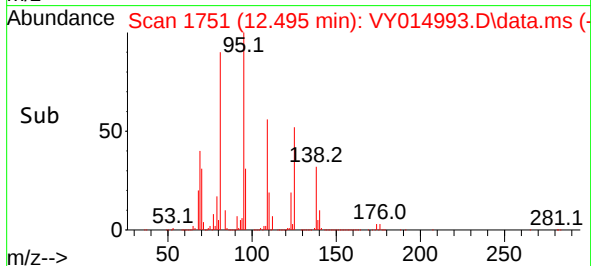
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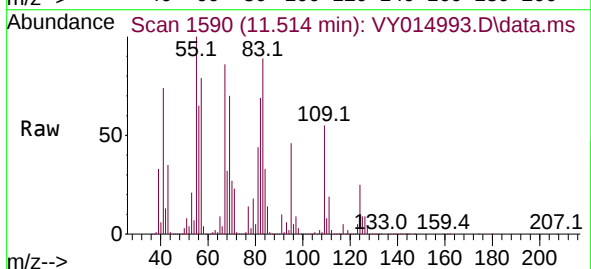
Tgt Ion: 95 Resp: 6168570
Ion Ratio Lower Upper
95 100
174 2.0 0.0 178.2
176 2.0 0.0 173.8

Manual Integrations
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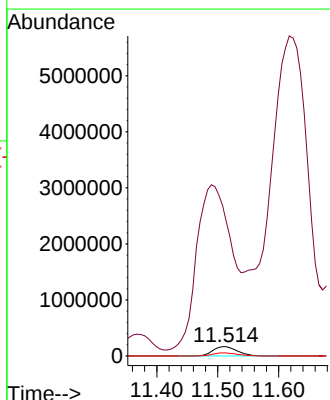
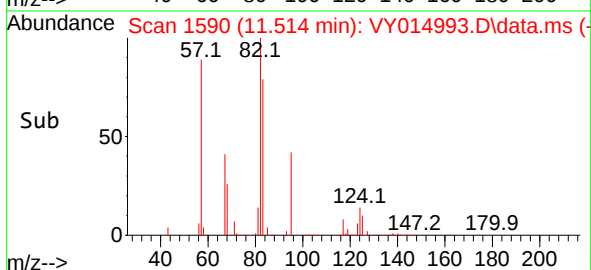
Reviewed By :Romaben Patel 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

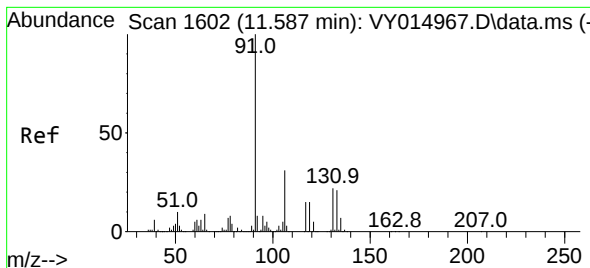


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.024 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21



Tgt Ion:117 Resp: 455580
Ion Ratio Lower Upper
117 100
82 1335.2 43.4 65.0#
119 32.7 26.3 39.5





#67

Ethyl Benzene

Concen: 110.552 ug/l m

RT: 11.624 min Scan# 1

Delta R.T. 0.037 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

MW-10

Tgt Ion: 91 Resp: 1677209

Ion Ratio Lower Upper

91 100

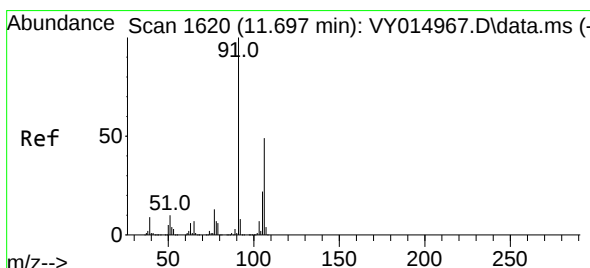
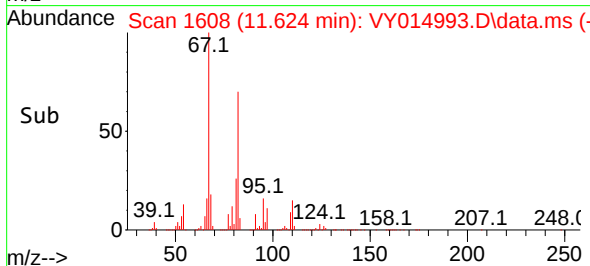
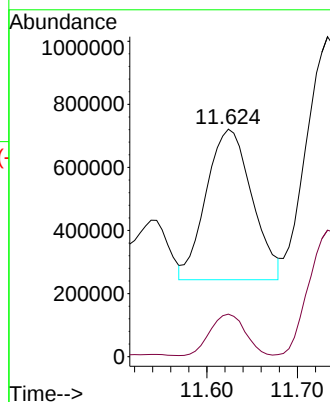
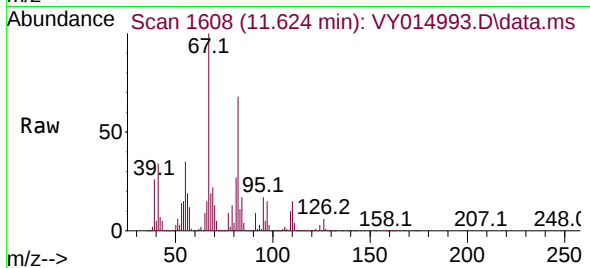
106 18.7 24.6 36.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 181.027 ug/l

RT: 11.733 min Scan# 1626

Delta R.T. 0.037 min

Lab File: VY014993.D

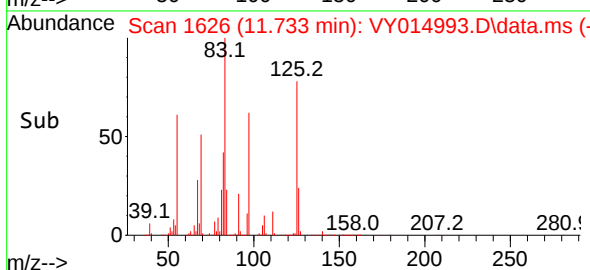
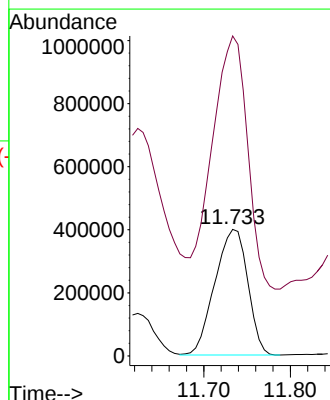
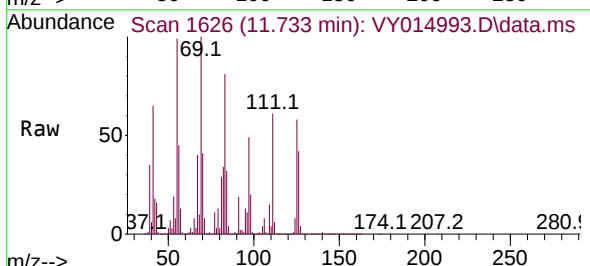
Acq: 08 Aug 2023 18:21

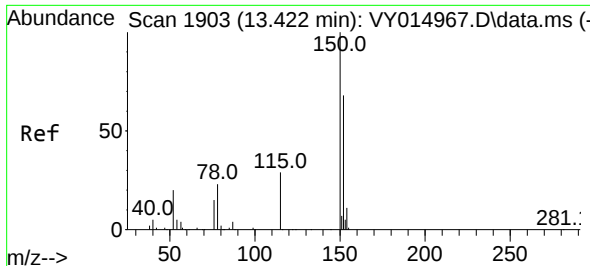
Tgt Ion:106 Resp: 1050631

Ion Ratio Lower Upper

106 100

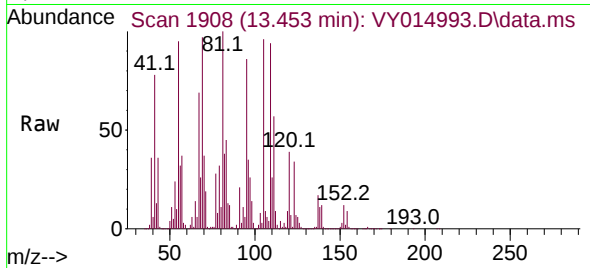
91 213.7 166.1 249.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l m
RT: 13.453 min Scan# 1908
Delta R.T. 0.031 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

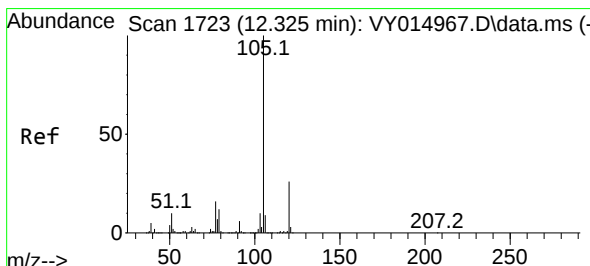
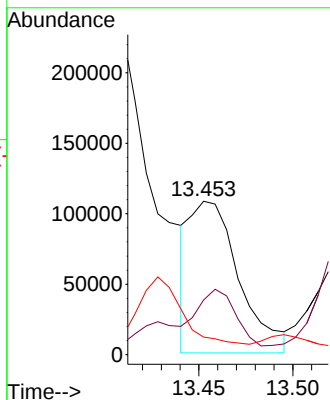
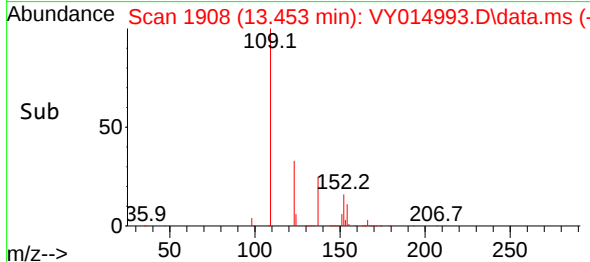
Instrument :
MSVOA_Y
ClientSampleId :
MW-10



Tgt Ion:152 Resp: 19598
Ion Ratio Lower Upper
152 100
115 56.7 28.8 86.5
150 3.1 0.0 348.8

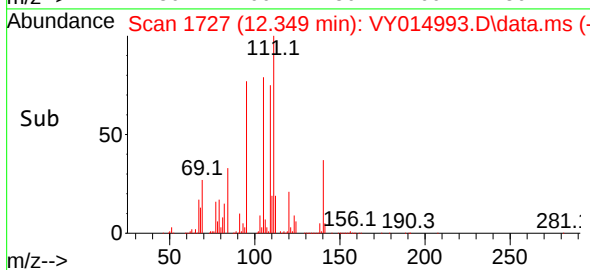
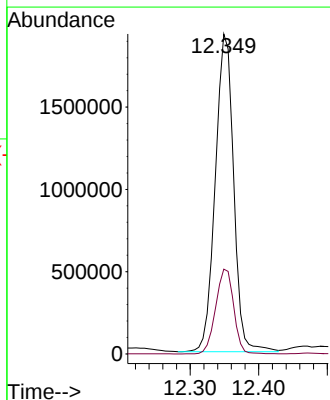
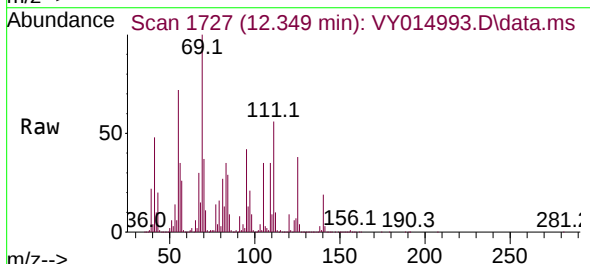
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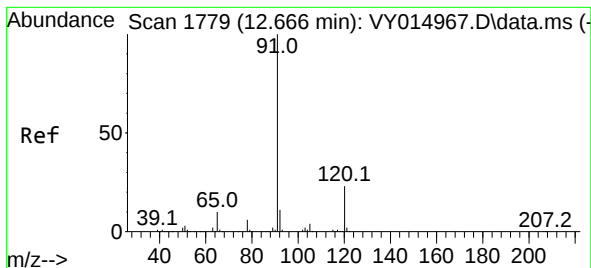
Reviewed By :Romaben Patel 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#73
Isopropylbenzene
Concen: 271.783 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.024 min
Lab File: VY014993.D
Acq: 08 Aug 2023 18:21

Tgt Ion:105 Resp: 3580633
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.9





#78

n-propylbenzene

Concen: 542.095 ug/l

RT: 12.684 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

MW-10

Tgt Ion: 91 Resp: 854205

Ion Ratio Lower Upper

91 100

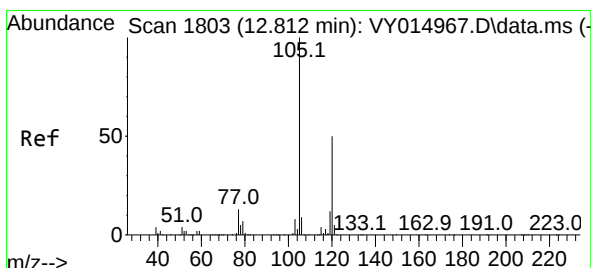
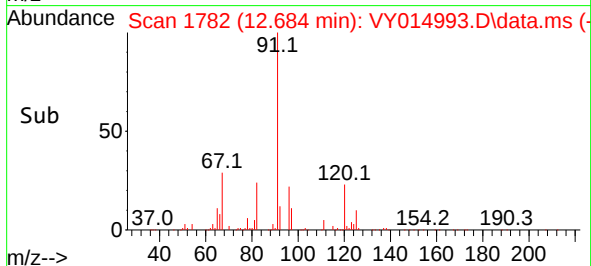
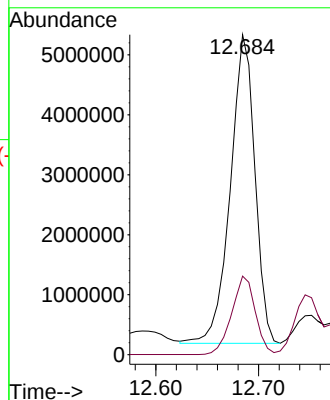
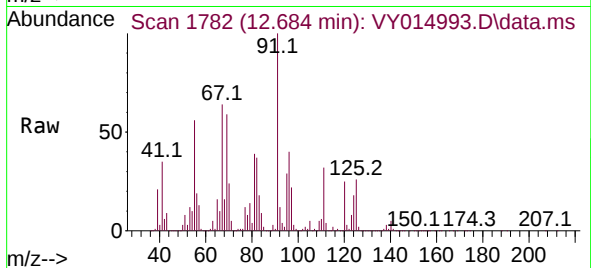
120 24.5 11.5 34.4

Manual Integrations

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Reviewed By :Romaben Patel 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#80

1,3,5-Trimethylbenzene

Concen: 182.892 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.012 min

Lab File: VY014993.D

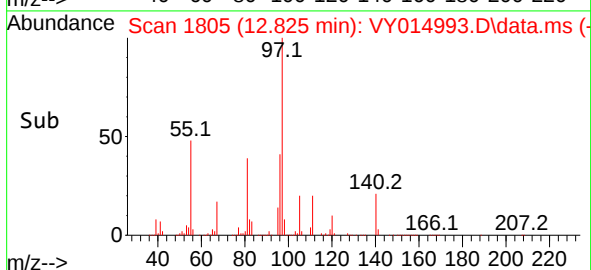
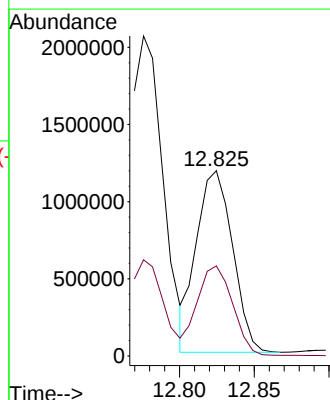
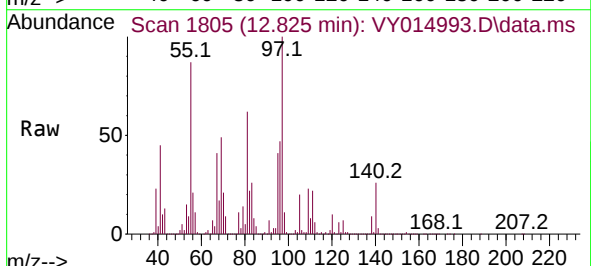
Acq: 08 Aug 2023 18:21

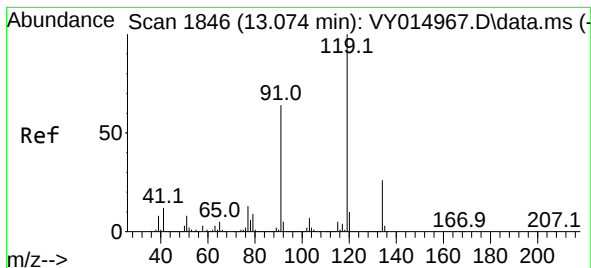
Tgt Ion:105 Resp: 1985623

Ion Ratio Lower Upper

105 100

120 48.9 23.9 71.7





#83

tert-Butylbenzene

Concen: 109.960 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

MW-10

Tgt Ion:119 Resp: 1092099

Ion Ratio Lower Upper

119 100

91 88.8 32.9 98.6

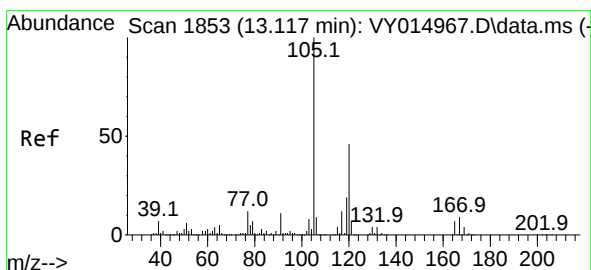
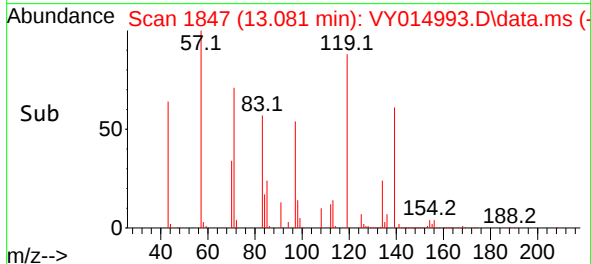
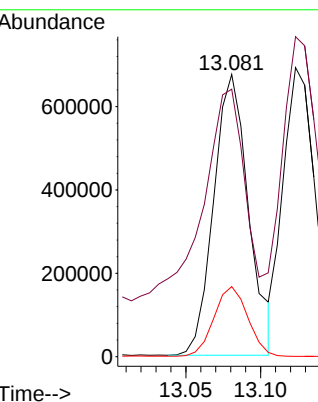
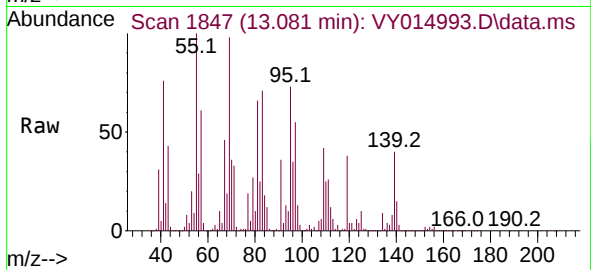
134 24.0 13.0 38.9

Manual Integrations

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Reviewed By :Romaben Patel 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#84

1,2,4-Trimethylbenzene

Concen: 773.488 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY014993.D

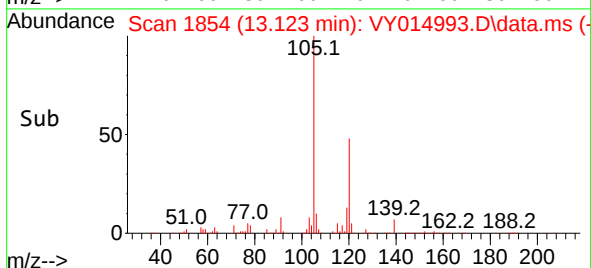
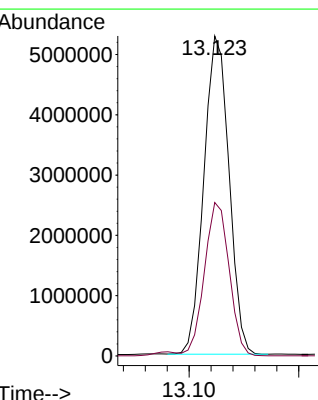
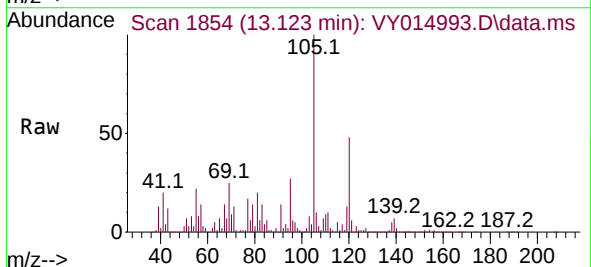
Acq: 08 Aug 2023 18:21

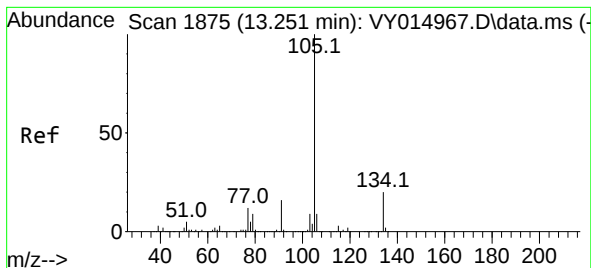
Tgt Ion:105 Resp: 8413543

Ion Ratio Lower Upper

105 100

120 47.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 454.614 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

MW-10

Tgt Ion:105 Resp: 6626670

Ion Ratio Lower Upper

105 100

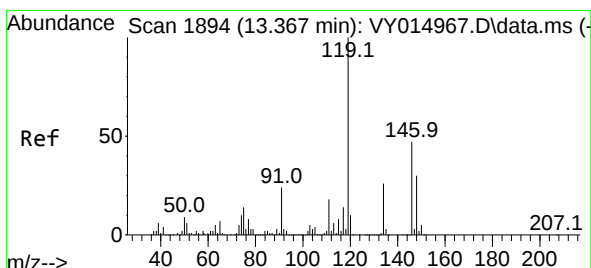
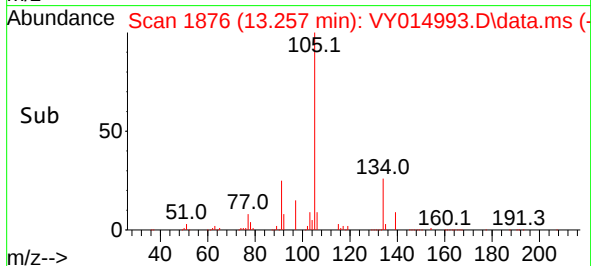
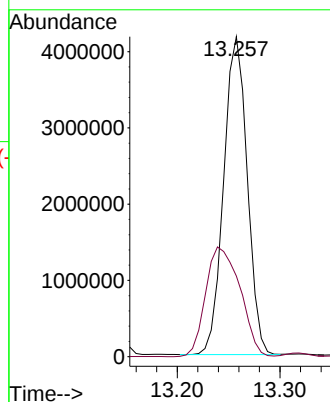
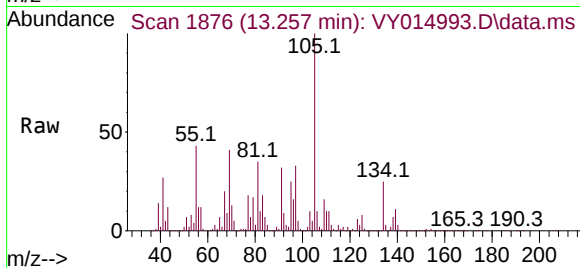
134 50.5 10.2 30.6

Manual Integrations

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Reviewed By :Romaben Patel 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#86

p-Isopropyltoluene

Concen: 51.469 ug/l m

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY014993.D

Acq: 08 Aug 2023 18:21

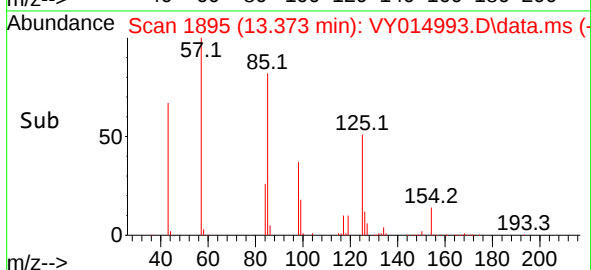
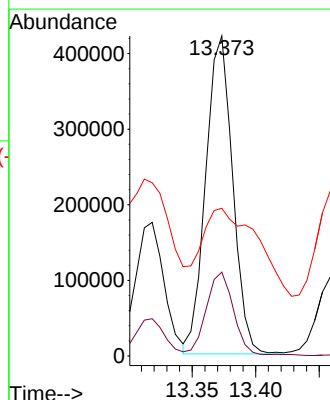
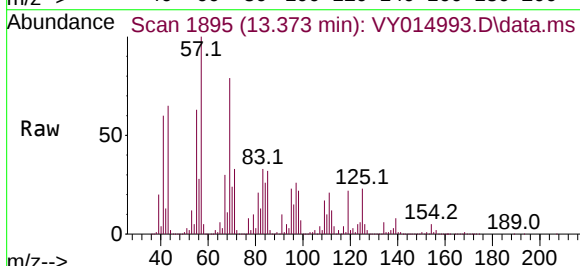
Tgt Ion:119 Resp: 621015

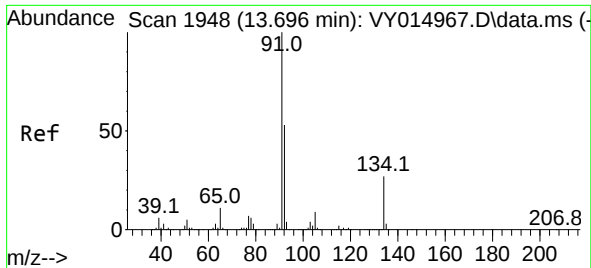
Ion Ratio Lower Upper

119 100

134 59.6 13.3 39.8#

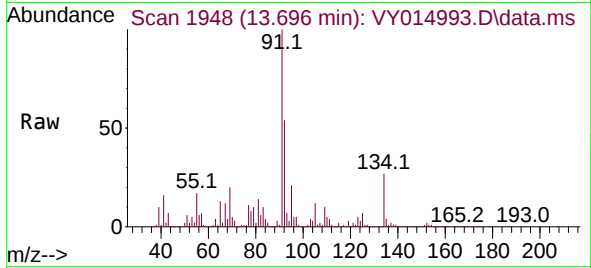
91 72.1 12.4 37.4#





#89
 n-Butylbenzene
 Concen: 422.124 ug/l
 RT: 13.696 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VY014993.D
 Acq: 08 Aug 2023 18:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-10



Tgt Ion: 91 Resp: 478549

Ion	Ratio	Lower	Upper
91	100		
92	48.1	25.4	76.0
134	45.1	12.6	37.6

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

