

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
 Data File : VY017927.D
 Acq On : 12 Apr 2024 16:21
 Operator : SY/MD
 Sample : P2108-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 286

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/15/2024
 Supervised By :Semsettin Yesilyurt 04/15/2024

Quant Time: Apr 13 03:52:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	117505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	125280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	21668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	59840	58.850	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.700%			
35) Dibromofluoromethane	7.722	113	66507	52.758	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.520%			
50) Toluene-d8	10.185	98	220885	46.908	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.820%			
62) 4-Bromofluorobenzene	12.483	95	29234	20.405	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 40.820%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	665748	3366.228	ug/l #	80
16) Acetone	3.942	43	250073	1189.785	ug/l	94
20) Methylene Chloride	4.710	84	8563	4.217	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	11227	12.546	ug/l	95
52) Toluene	10.246	92	3924	1.141	ug/l	88
59) 2-Hexanone	10.837	43	24905	56.200	ug/l	94
68) m/p-Xylenes	11.697	106	2464	1.471	ug/l	83
73) Isopropylbenzene	12.331	105	1703	1.122	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	12231	10.363	ug/l	71
85) sec-Butylbenzene	13.257	105	1672	1.034	ug/l	95
86) p-Isopropyltoluene	13.373	119	5350	3.958	ug/l	93

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

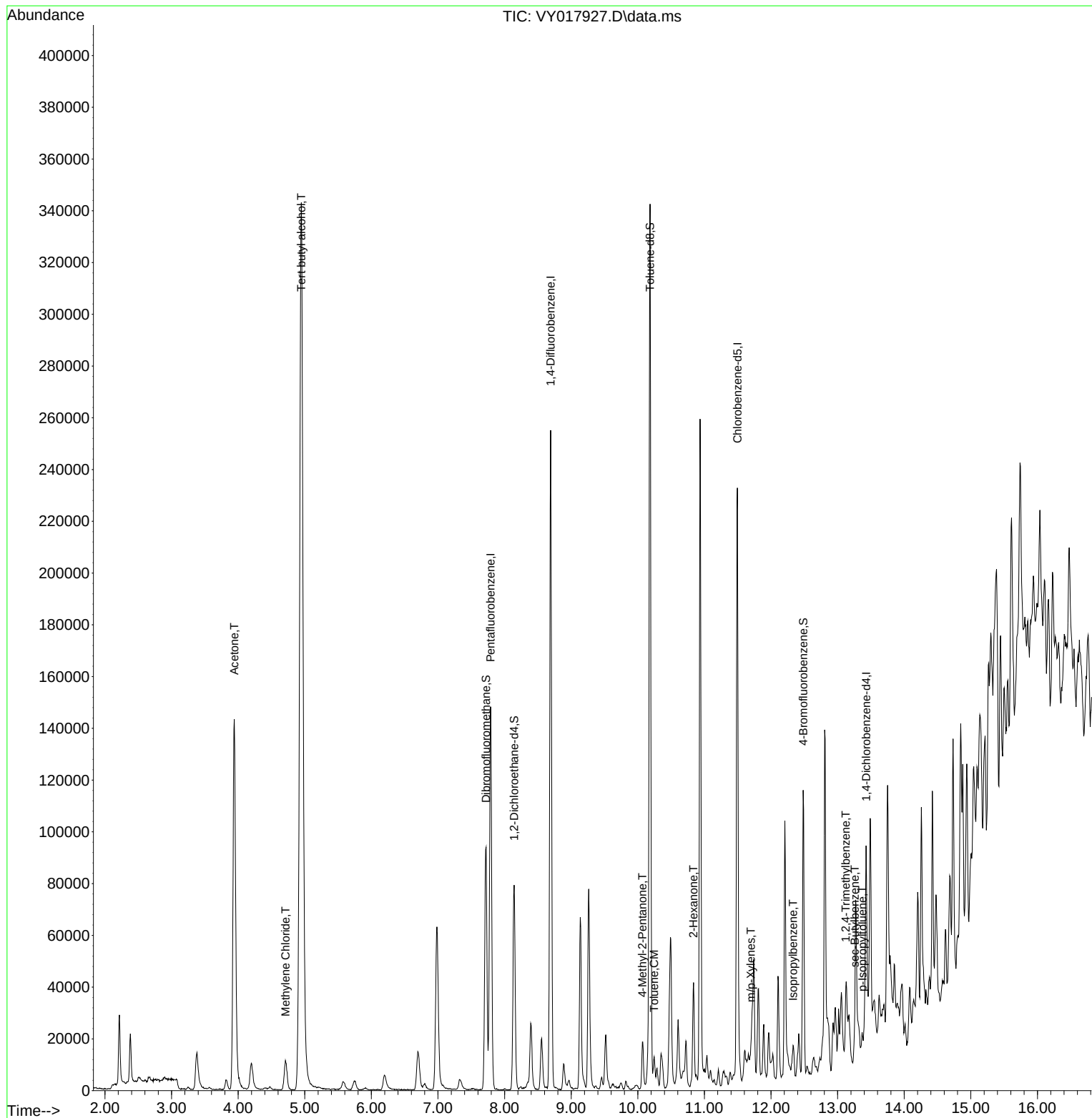
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
Data File : VY017927.D
Acq On : 12 Apr 2024 16:21
Operator : SY/MD
Sample : P2108-03
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ALS Vial : 11 Sample Multiplier: 1

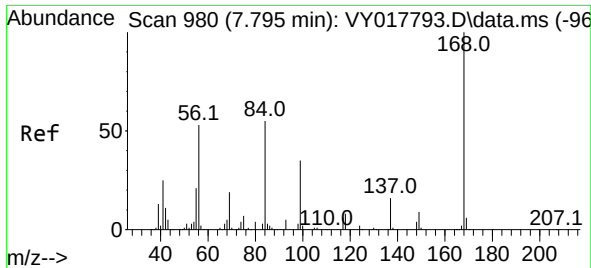
Instrument :
MSVOA_Y
ClientSampleId :
286

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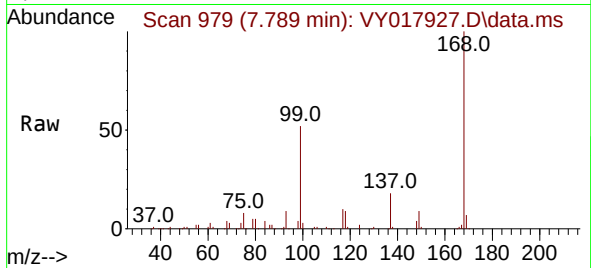
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017927.D
Acq: 12 Apr 2024 16:21

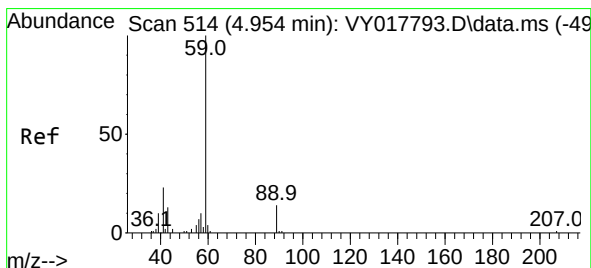
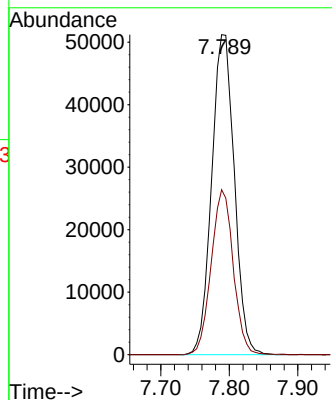
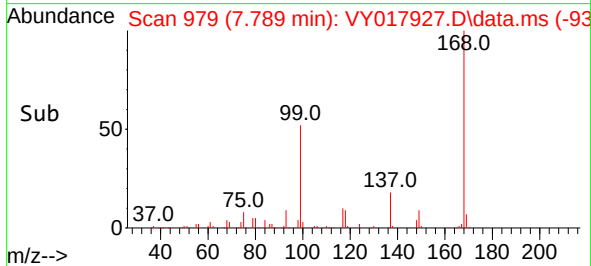
Instrument :
MSVOA_Y
ClientSampleId :
286



Tgt Ion:168 Resp: 11750
Ion Ratio Lower Upper
168 100
99 51.5 39.1 58.7

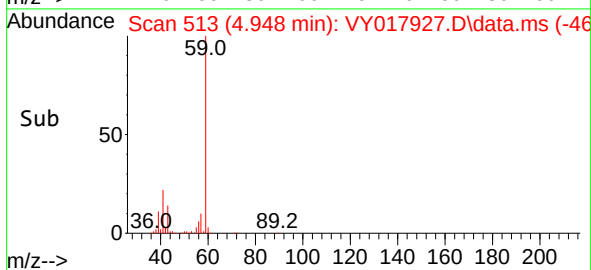
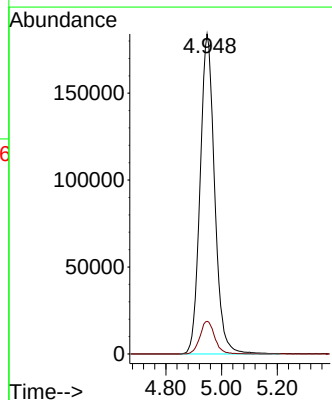
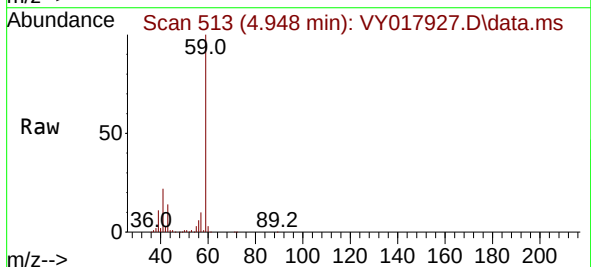
Manual Integrations
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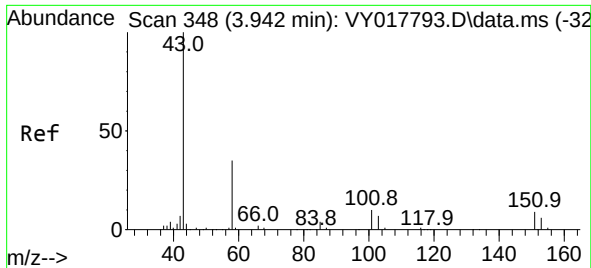
Reviewed By :Mahesh Dadoda 04/15/2024
Supervised By :Semsettin Yesilyurt 04/15/2024



#11
Tert butyl alcohol
Concen: 3366.228 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY017927.D
Acq: 12 Apr 2024 16:21

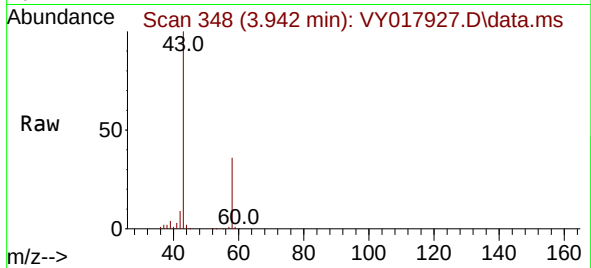
Tgt Ion: 59 Resp: 665748
Ion Ratio Lower Upper
59 100
57 10.4 3.0 4.6#





#16
Acetone
Concen: 1189.785 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY017927.D
Acq: 12 Apr 2024 16:21

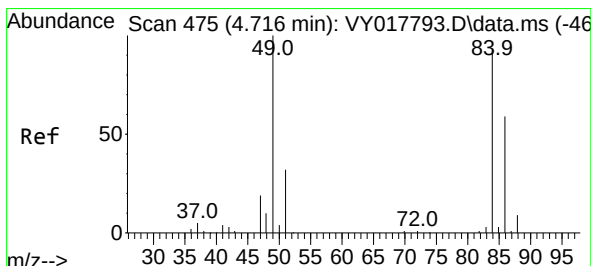
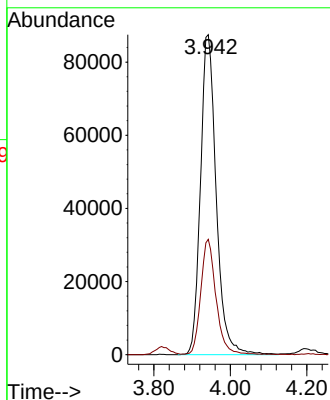
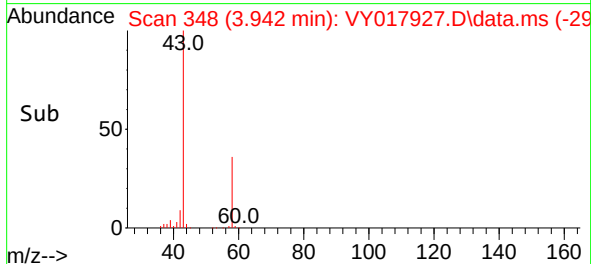
Instrument : MSVOA_Y
ClientSampleId : 286



Tgt Ion: 43 Resp: 25007
Ion Ratio Lower Upper
43 100
58 36.0 31.7 47.5

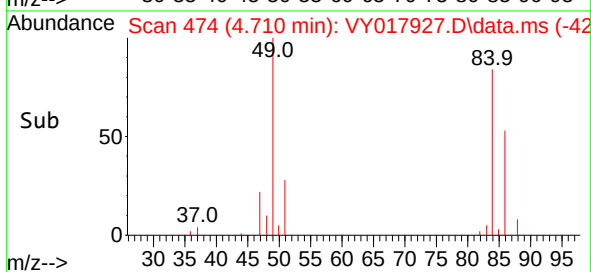
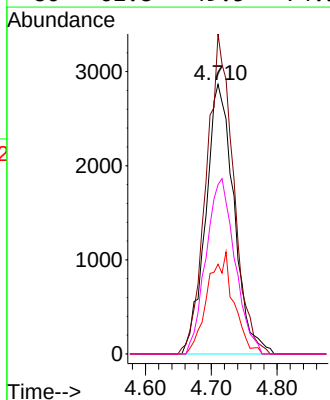
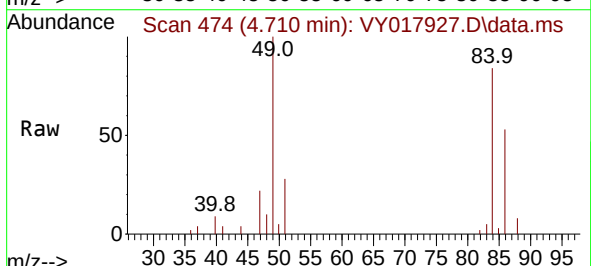
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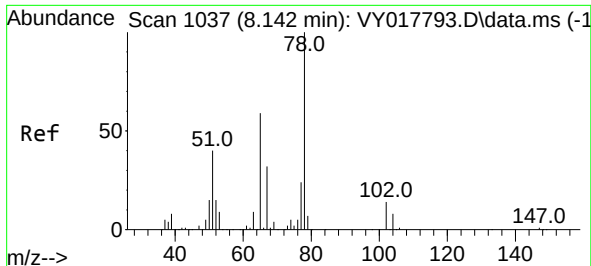
Reviewed By :Mahesh Dadoda 04/15/2024
Supervised By :Semsettin Yesilyurt 04/15/2024



#20
Methylene Chloride
Concen: 4.217 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY017927.D
Acq: 12 Apr 2024 16:21

Tgt Ion: 84 Resp: 8563
Ion Ratio Lower Upper
84 100
49 118.7 84.4 126.6
51 33.3 26.0 39.0
86 62.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 58.850 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY017927.D

Acq: 12 Apr 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

286

Tgt Ion: 65 Resp: 59840

Ion Ratio Lower Upper

65 100

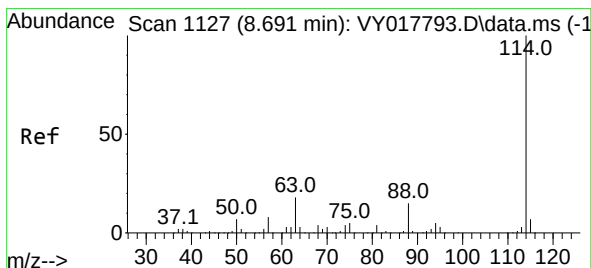
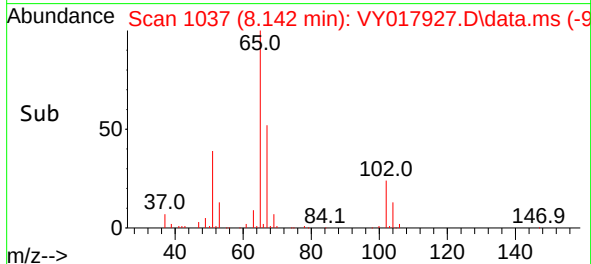
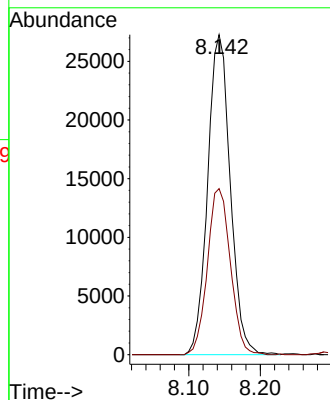
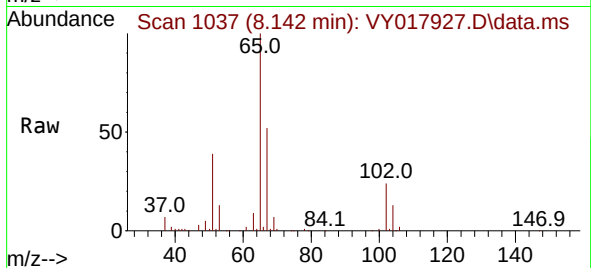
67 52.8 0.0 109.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 04/15/2024

Supervised By :Semsettin Yesilyurt 04/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY017927.D

Acq: 12 Apr 2024 16:21

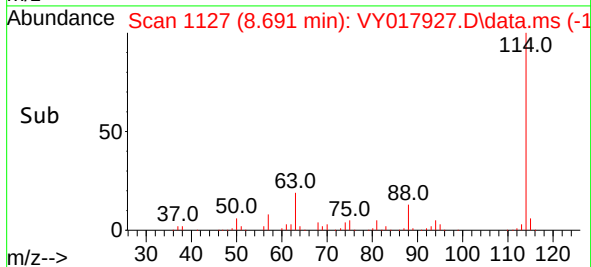
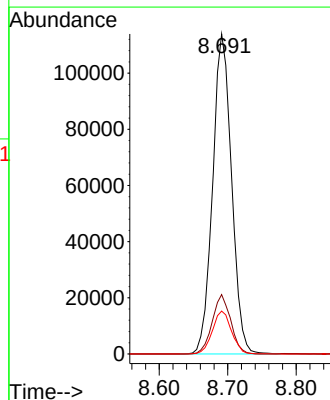
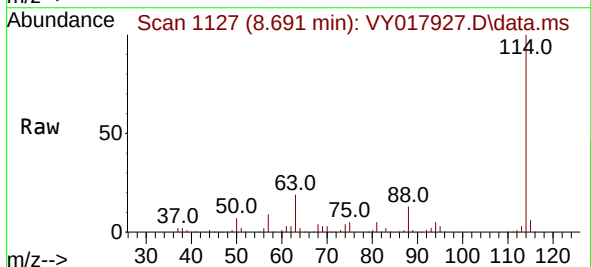
Tgt Ion:114 Resp: 218157

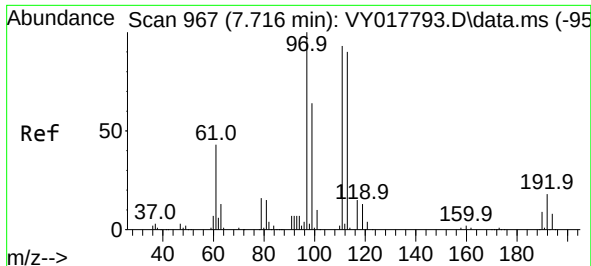
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

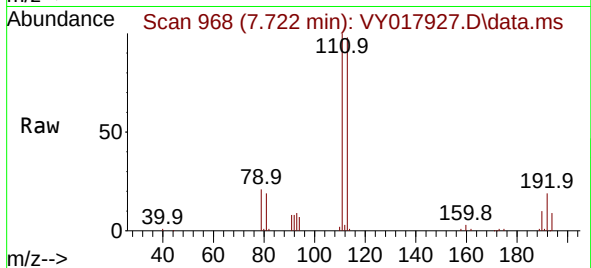
88 13.4 0.0 27.2





#35
Dibromofluoromethane
Concen: 52.758 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017927.D
Acq: 12 Apr 2024 16:21

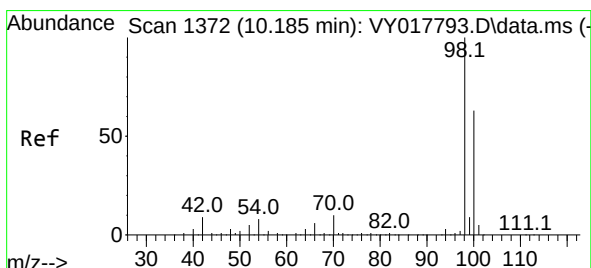
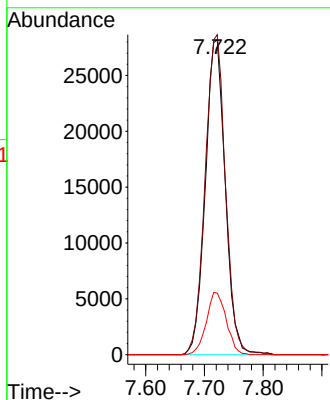
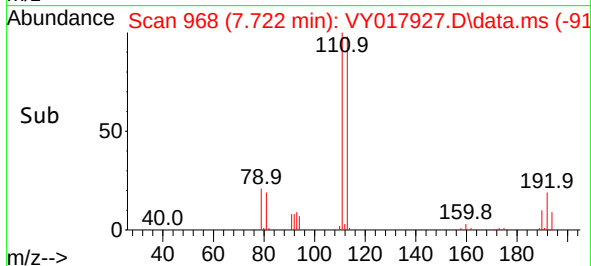
Instrument :
MSVOA_Y
ClientSampleId :
286



Tgt Ion: 113 Resp: 6650
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 19.8 15.9 23.9

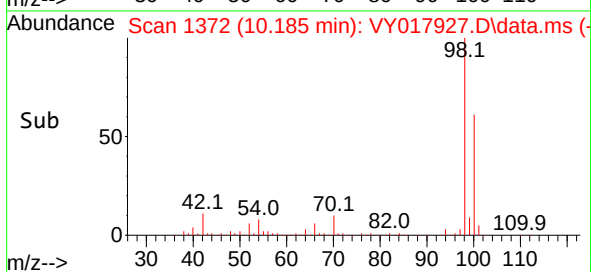
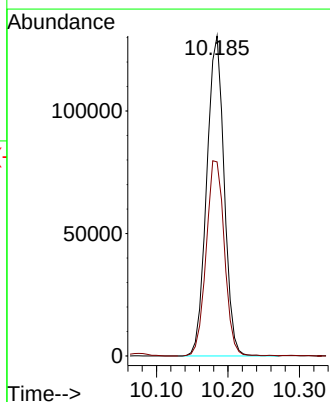
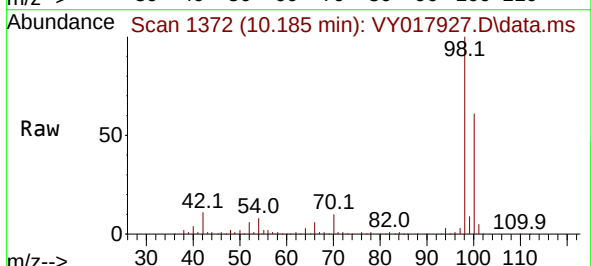
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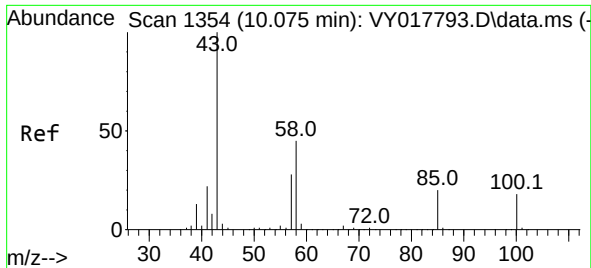
Reviewed By :Mahesh Dadoda 04/15/2024
Supervised By :Semsettin Yesilyurt 04/15/2024



#50
Toluene-d8
Concen: 46.908 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY017927.D
Acq: 12 Apr 2024 16:21

Tgt Ion: 98 Resp: 220885
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0





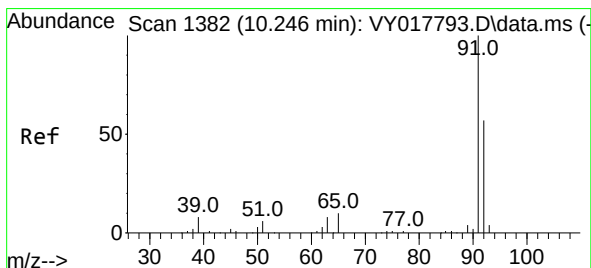
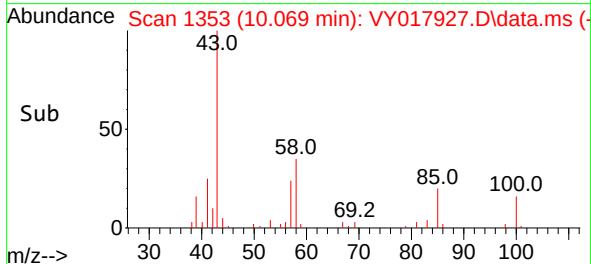
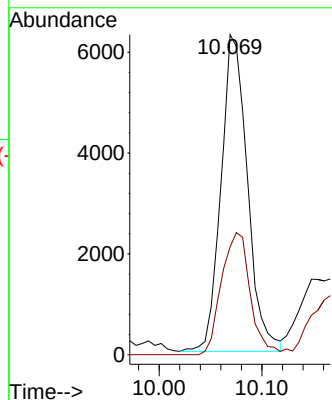
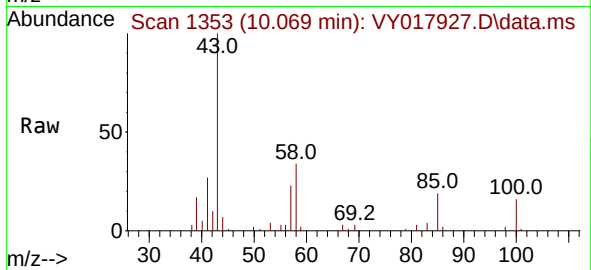
#51
4-Methyl-2-Pentanone
Concen: 12.546 ug/l
RT: 10.069 min Scan# 1122
Delta R.T. -0.006 min
Lab File: VY017927.D
Acq: 12 Apr 2024 16:21

Instrument :
MSVOA_Y
ClientSampleId :
286

Tgt Ion: 43 Resp: 1122
Ion Ratio Lower Upper
43 100
58 41.6 35.7 53.5

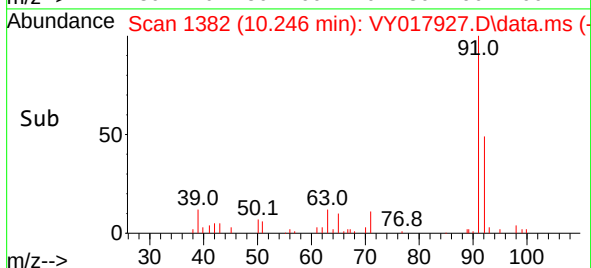
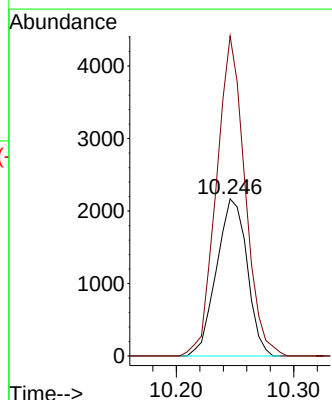
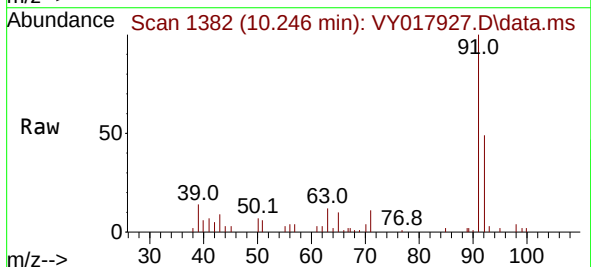
Manual Integrations
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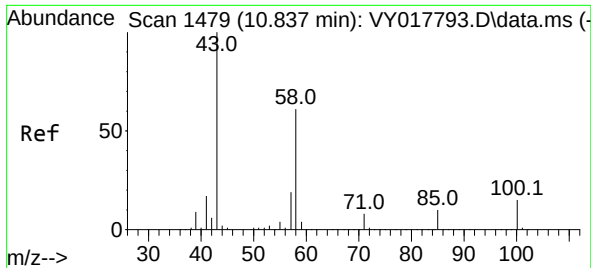
Reviewed By :Mahesh Dadoda 04/15/2024
Supervised By :Semsettin Yesilyurt 04/15/2024



#52
Toluene
Concen: 1.141 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY017927.D
Acq: 12 Apr 2024 16:21

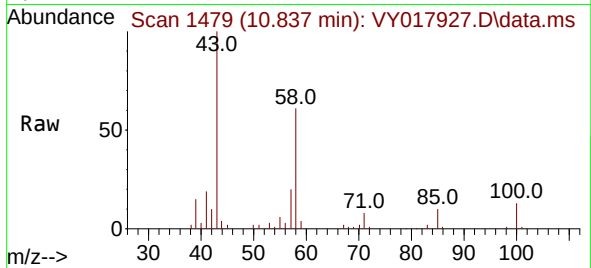
Tgt Ion: 92 Resp: 3924
Ion Ratio Lower Upper
92 100
91 189.9 139.0 208.6





#59
2-Hexanone
Concen: 56.200 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017927.D
Acq: 12 Apr 2024 16:21

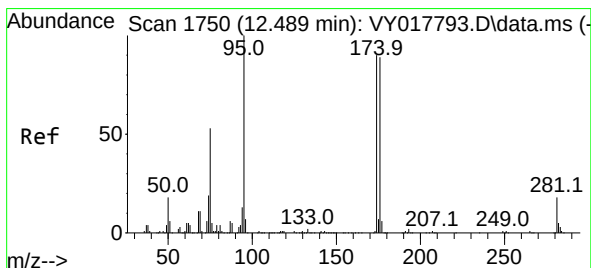
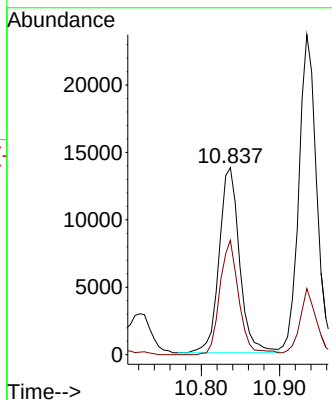
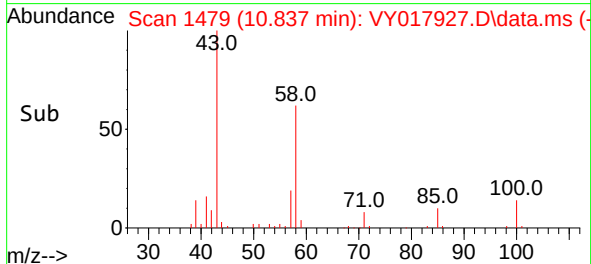
Instrument :
MSVOA_Y
ClientSampleId :
286



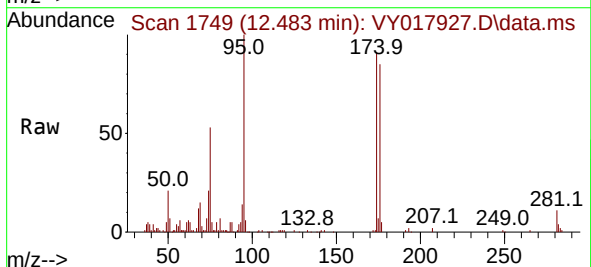
Tgt Ion: 43 Resp: 2490
Ion Ratio Lower Upper
43 100
58 57.9 31.4 94.0

Manual Integrations
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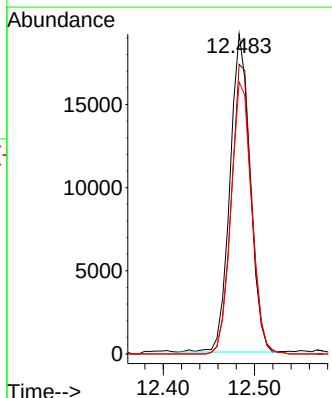
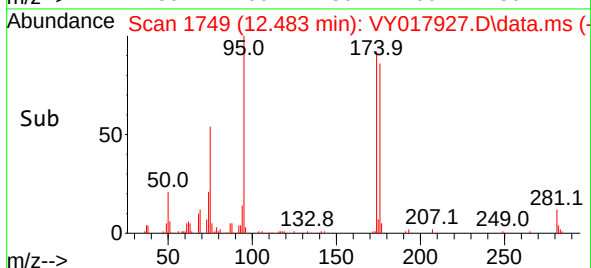
Reviewed By :Mahesh Dadoda 04/15/2024
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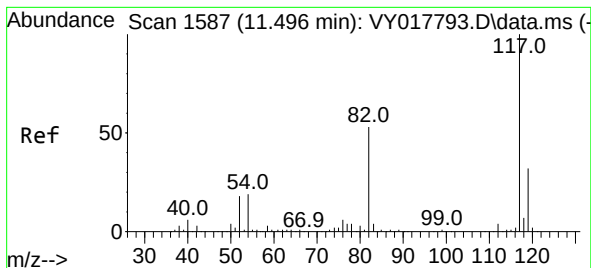


#62
4-Bromofluorobenzene
Concen: 20.405 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017927.D
Acq: 12 Apr 2024 16:21



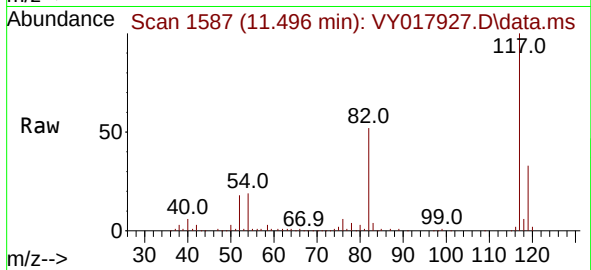
Tgt Ion: 95 Resp: 29234
Ion Ratio Lower Upper
95 100
174 92.0 0.0 175.6
176 87.8 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY017927.D
Acq: 12 Apr 2024 16:21

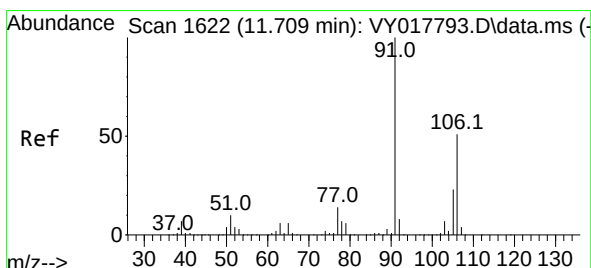
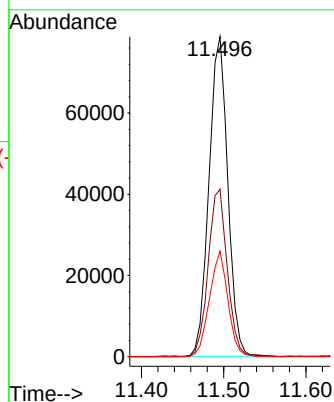
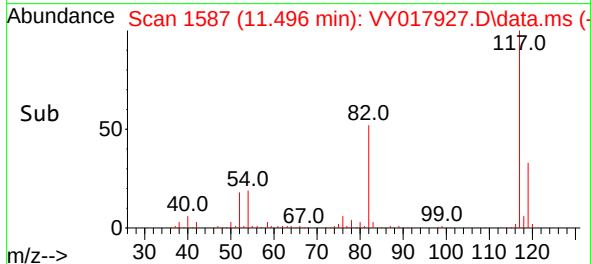
Instrument :
MSVOA_Y
ClientSampleId :
286



Tgt Ion:117 Resp: 125280
Ion Ratio Lower Upper
117 100
82 52.2 42.4 63.6
119 33.0 25.9 38.9

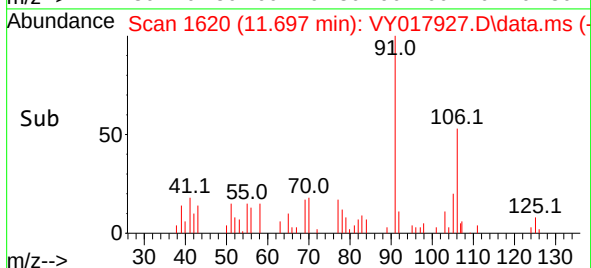
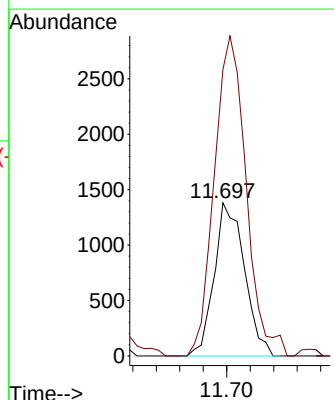
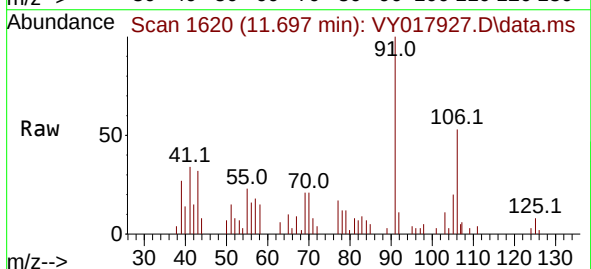
Manual Integrations
APPROVED

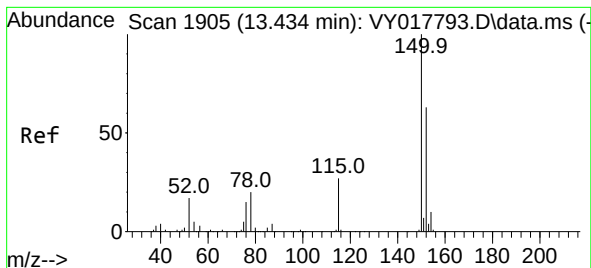
Reviewed By :Mahesh Dadoda 04/15/2024
Supervised By :Semsettin Yesilyurt 04/15/2024



#68
m/p-Xylenes
Concen: 1.471 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.012 min
Lab File: VY017927.D
Acq: 12 Apr 2024 16:21

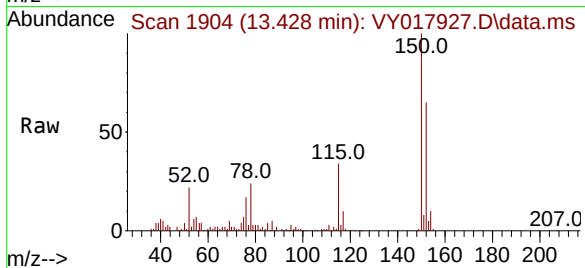
Tgt Ion:106 Resp: 2464
Ion Ratio Lower Upper
106 100
91 220.8 156.0 234.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1905
Delta R.T. -0.006 min
Lab File: VY017927.D
Acq: 12 Apr 2024 16:21

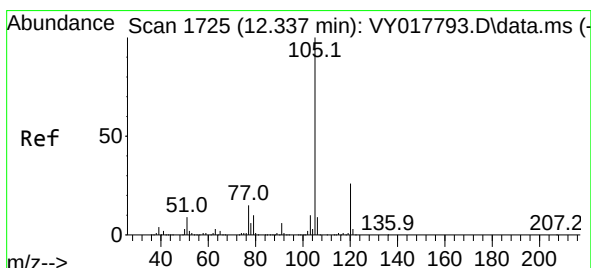
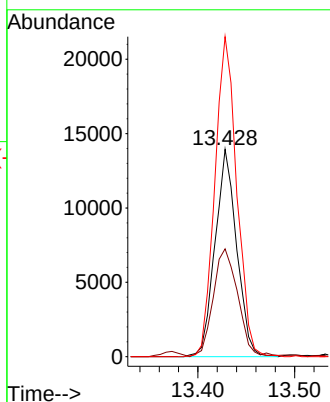
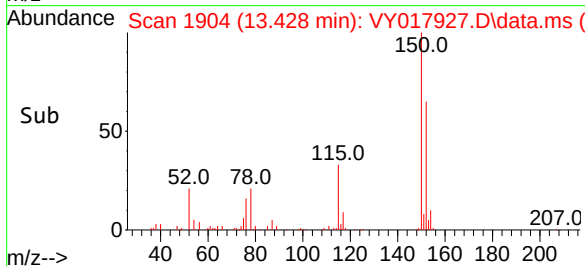
Instrument :
MSVOA_Y
ClientSampleId :
286



Tgt Ion:152 Resp: 2166
Ion Ratio Lower Upper
152 100
115 59.9 28.2 84.7
150 156.4 0.0 345.6

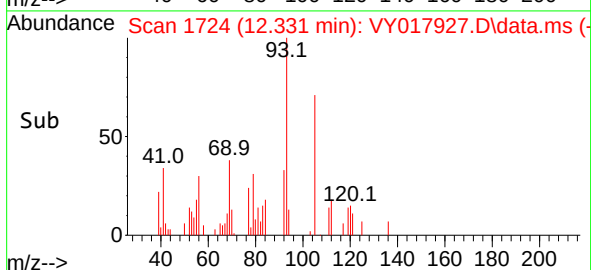
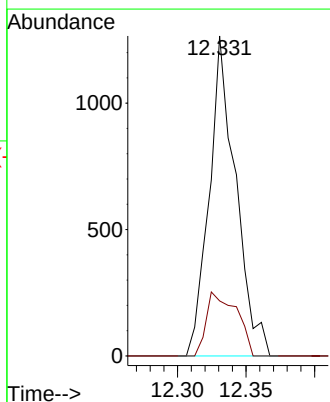
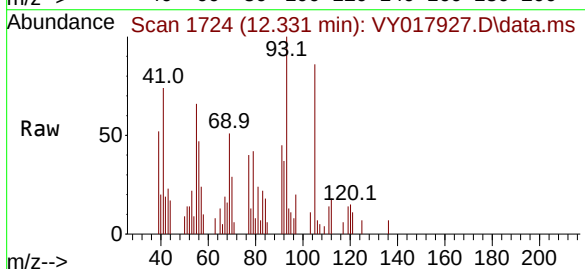
Manual Integrations
APPROVED

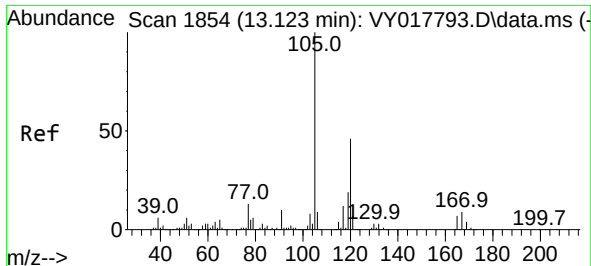
Reviewed By :Mahesh Dadoda 04/15/2024
Supervised By :Semsettin Yesilyurt 04/15/2024



#73
Isopropylbenzene
Concen: 1.122 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.006 min
Lab File: VY017927.D
Acq: 12 Apr 2024 16:21

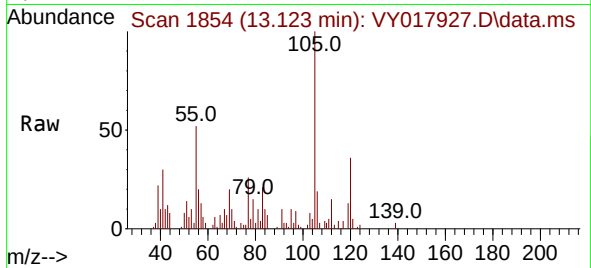
Tgt Ion:105 Resp: 1703
Ion Ratio Lower Upper
105 100
120 22.7 13.4 40.1





#84
1,2,4-Trimethylbenzene
Concen: 10.363 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY017927.D
Acq: 12 Apr 2024 16:21

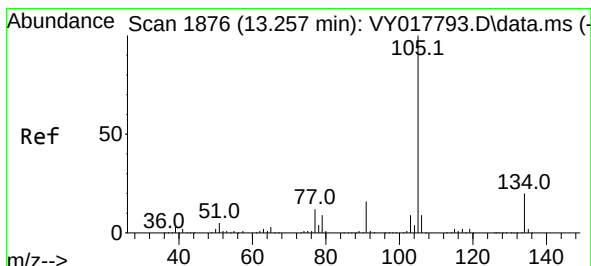
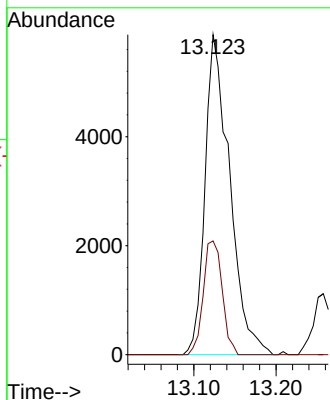
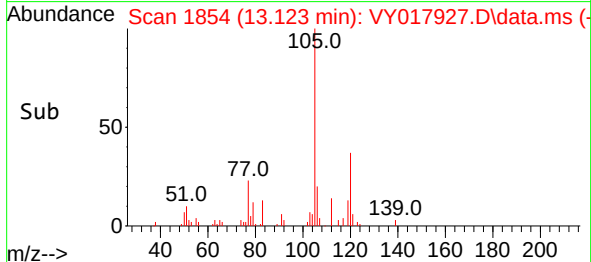
Instrument :
MSVOA_Y
ClientSampleId :
286



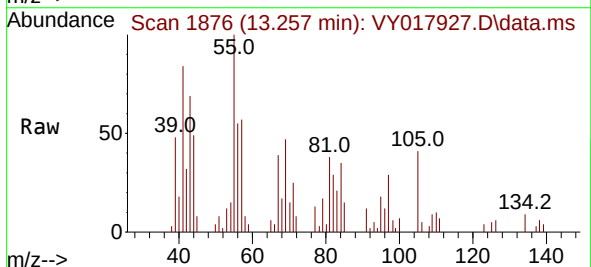
Tgt Ion:105 Resp: 1223
Ion Ratio Lower Upper
105 100
120 27.2 23.2 69.6

Manual Integrations
APPROVED

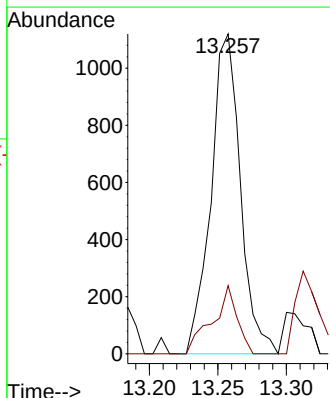
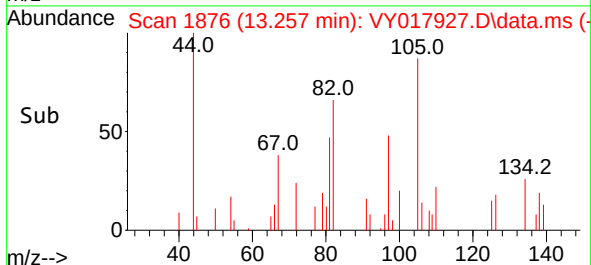
Reviewed By :Mahesh Dadoda 04/15/2024
Supervised By :Semsettin Yesilyurt 04/15/2024

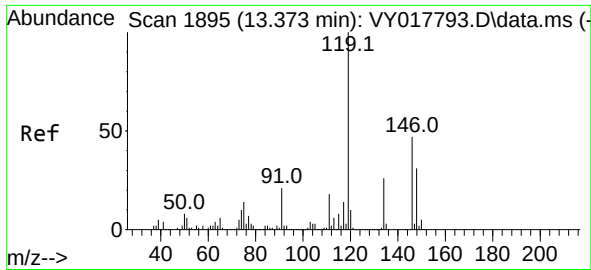


#85
sec-Butylbenzene
Concen: 1.034 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VY017927.D
Acq: 12 Apr 2024 16:21



Tgt Ion:105 Resp: 1672
Ion Ratio Lower Upper
105 100
134 17.9 10.1 30.1





#86

p-Isopropyltoluene

Concen: 3.958 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY017927.D

Acq: 12 Apr 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

286

Tgt Ion:119 Resp: 5350

Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

91 28.0 10.7 32.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/15/2024

Supervised By :Semsettin Yesilyurt 04/15/2024

