

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017291.D
 Acq On : 07 Feb 2024 16:00
 Operator : SY/MD
 Sample : P1336-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT4008

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/08/2024
 Supervised By : Mahesh Dadoda 02/08/2024

Quant Time: Feb 08 01:44:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	63305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	123995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	113680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	45260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	32936	58.239	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.480%			
35) Dibromofluoromethane	7.722	113	31341	46.813	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.620%			
50) Toluene-d8	10.185	98	110066	45.154	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.300%			
62) 4-Bromofluorobenzene	12.483	95	35157	44.029	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.060%			
Target Compounds						
11) Tert butyl alcohol	4.954	59	2013	27.620	ug/l #	82
80) 1,3,5-Trimethylbenzene	12.812	105	16464	6.226	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	9037	3.462	ug/l	94
86) p-Isopropyltoluene	13.373	119	3310	1.169	ug/l	97
89) n-Butylbenzene	13.696	91	4970m	1.846	ug/l	

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

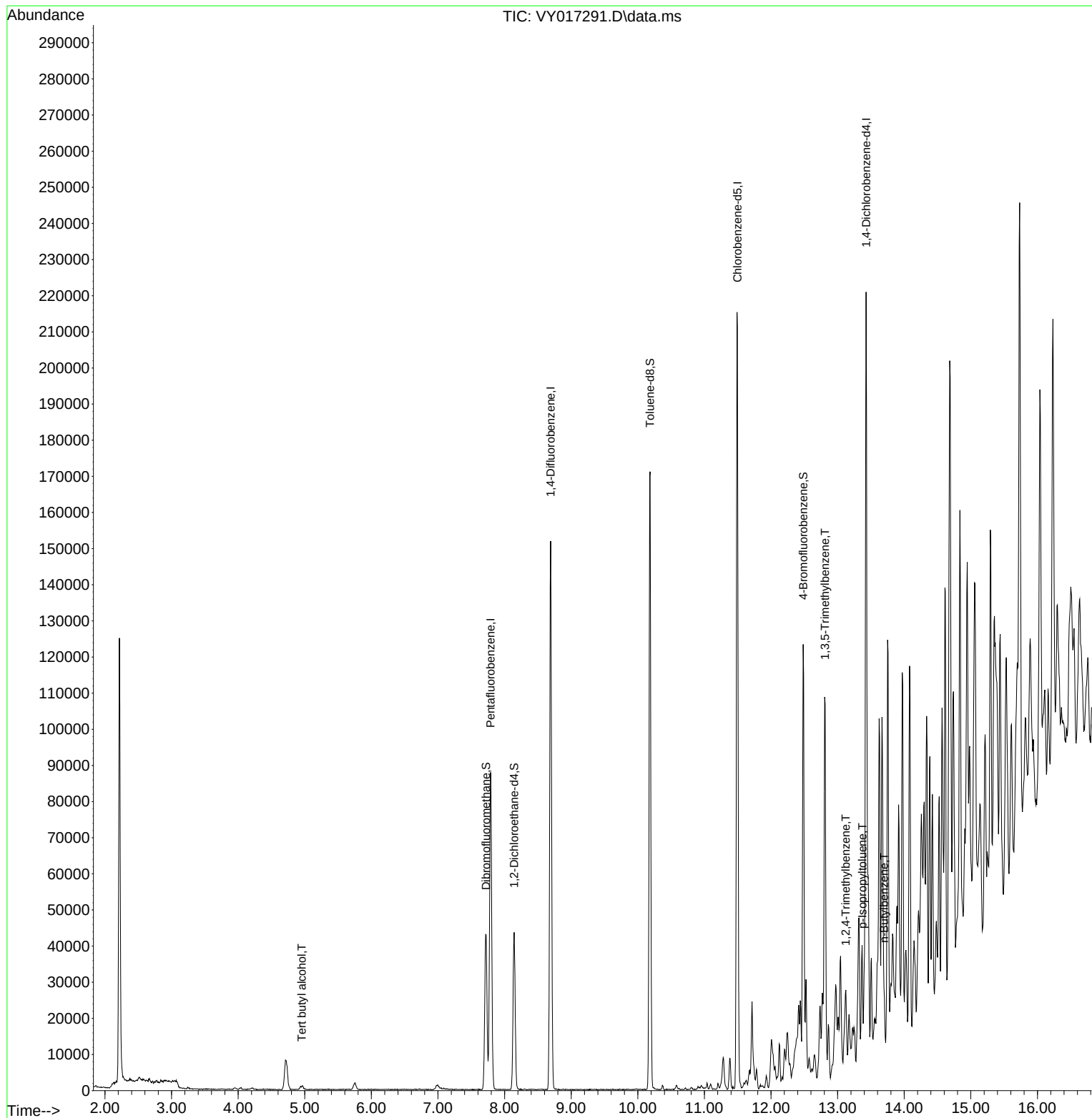
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
Data File : VY017291.D
Acq On : 07 Feb 2024 16:00
Operator : SY/MD
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ALS Vial : 15 Sample Multiplier: 1

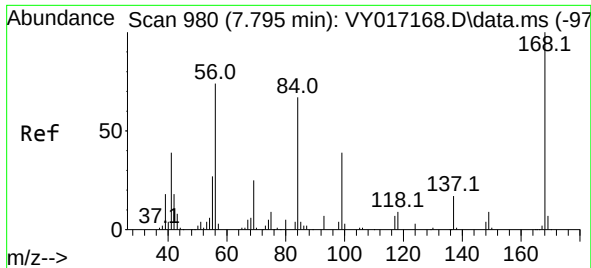
Instrument :
MSVOA_Y
ClientSampleId :
RT4008

Quant Time: Feb 08 01:44:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

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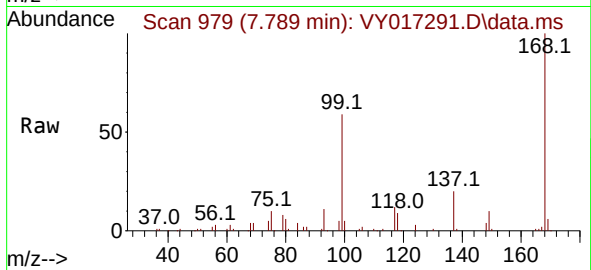
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017291.D
Acq: 07 Feb 2024 16:00

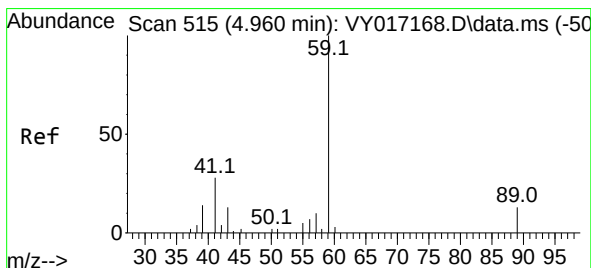
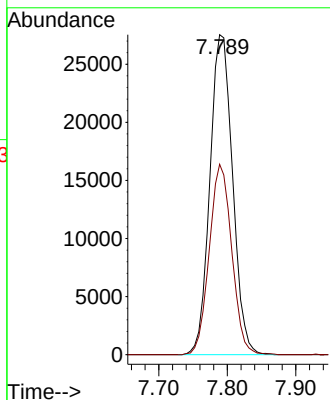
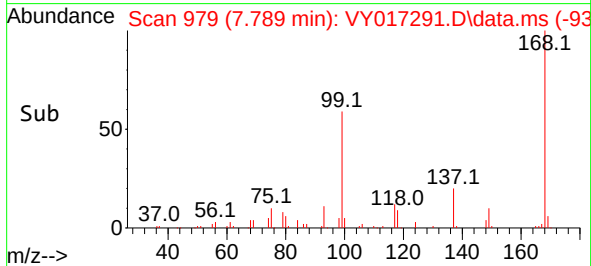
Instrument :
MSVOA_Y
ClientSampleId :
RT4008



Tgt Ion:168 Resp: 6330
Ion Ratio Lower Upper
168 100
99 59.5 44.2 66.4

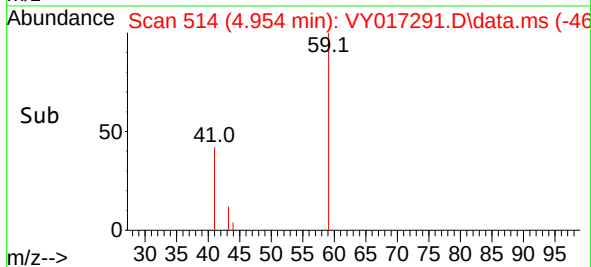
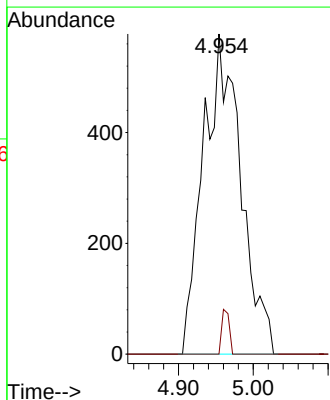
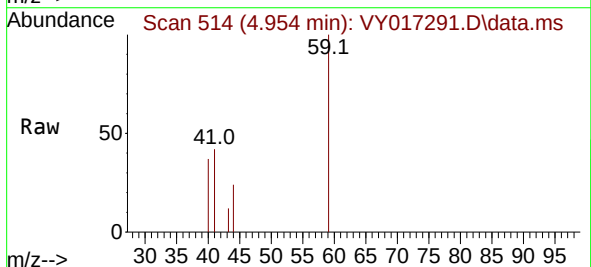
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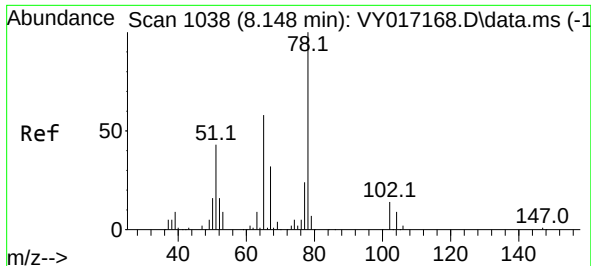
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#11
Tert butyl alcohol
Concen: 27.620 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY017291.D
Acq: 07 Feb 2024 16:00

Tgt Ion: 59 Resp: 2013
Ion Ratio Lower Upper
59 100
57 2.8 7.4 11.0#





#33

1,2-Dichloroethane-d4

Concen: 58.239 ug/l

RT: 8.142 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY017291.D

Acq: 07 Feb 2024 16:00

Instrument :

MSVOA_Y

ClientSampleId :

RT4008

Tgt Ion: 65 Resp: 32930

Ion Ratio Lower Upper

65 100

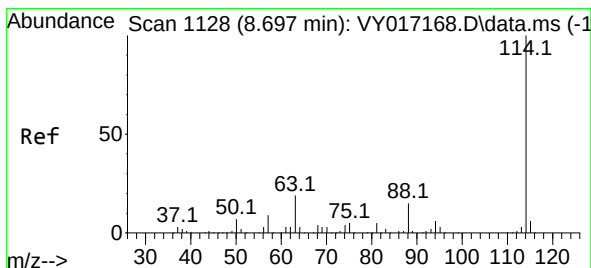
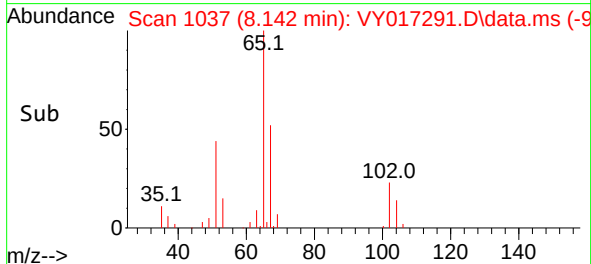
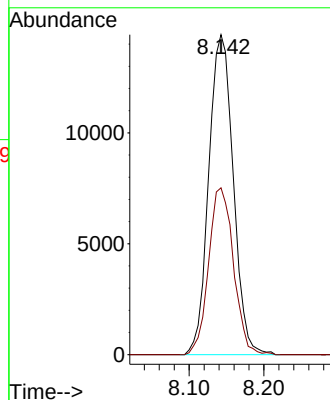
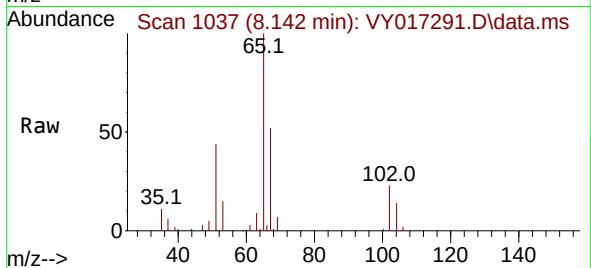
67 52.9 0.0 109.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017291.D

Acq: 07 Feb 2024 16:00

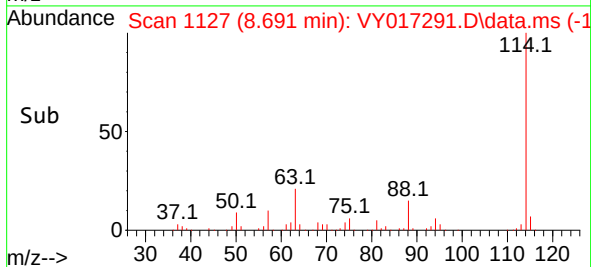
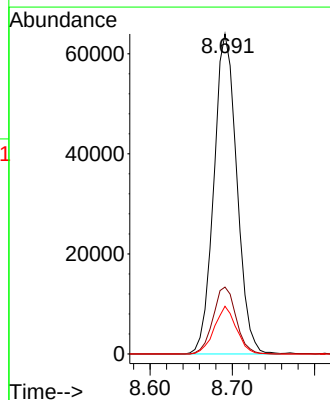
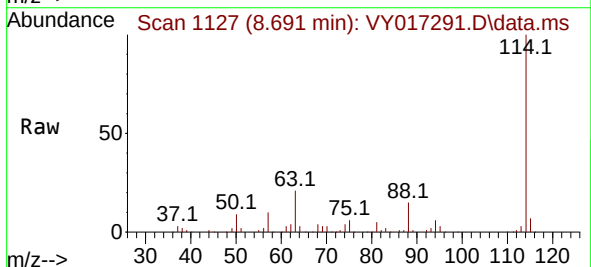
Tgt Ion:114 Resp: 123995

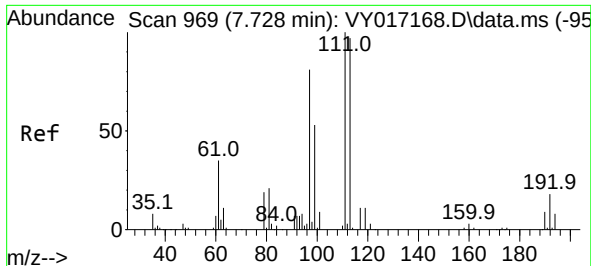
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 14.9 0.0 29.0





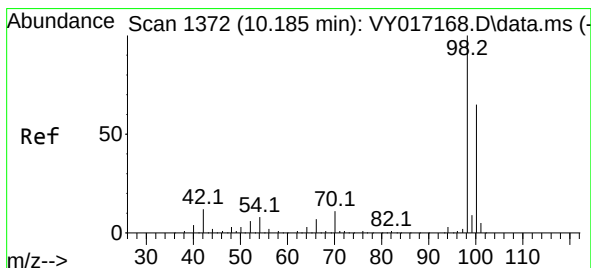
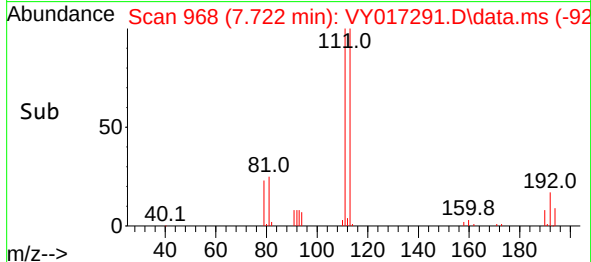
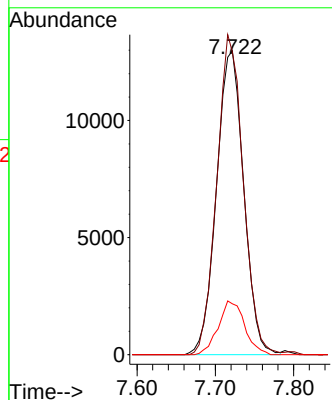
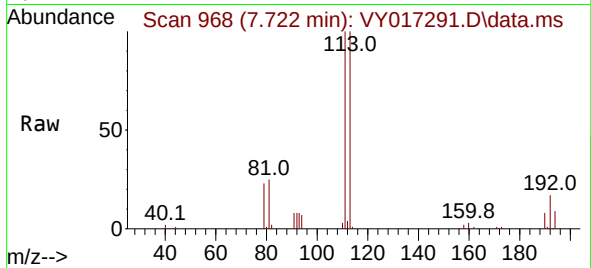
#35
Dibromofluoromethane
Concen: 46.813 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY017291.D
Acq: 07 Feb 2024 16:00

Instrument :
MSVOA_Y
ClientSampleId :
RT4008

Tgt Ion:113 Resp: 3134
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 17.1 14.5 21.7

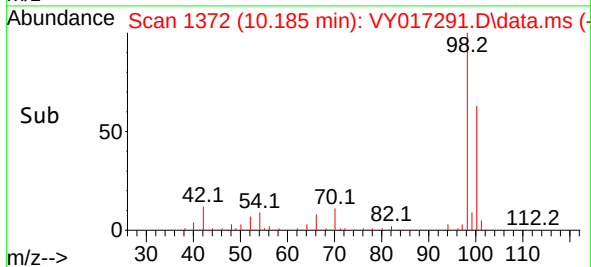
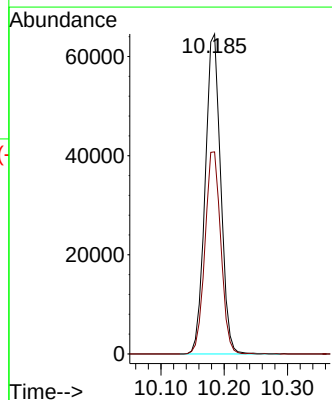
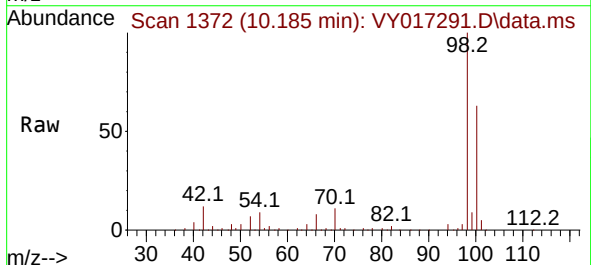
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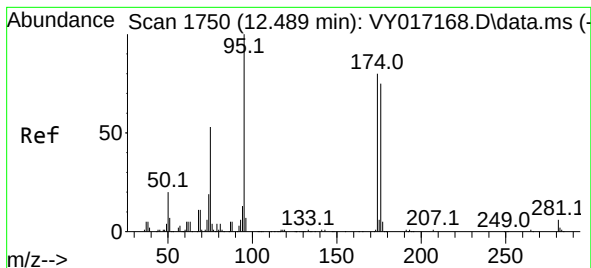
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#50
Toluene-d8
Concen: 45.154 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017291.D
Acq: 07 Feb 2024 16:00

Tgt Ion: 98 Resp: 110066
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5





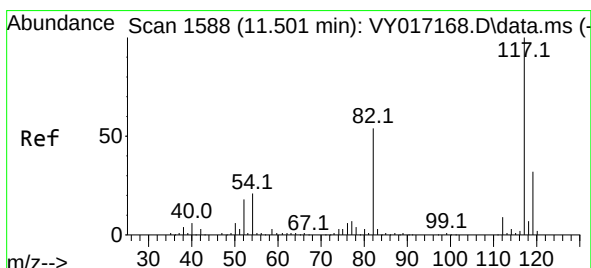
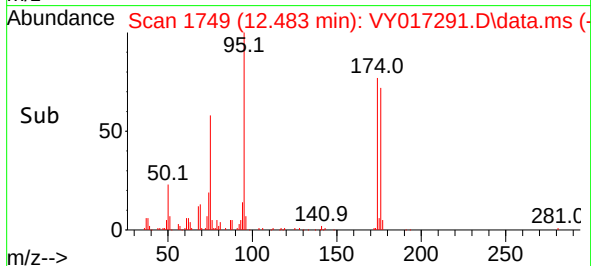
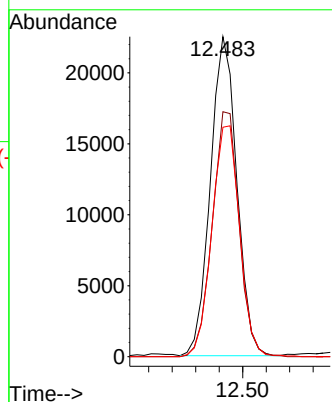
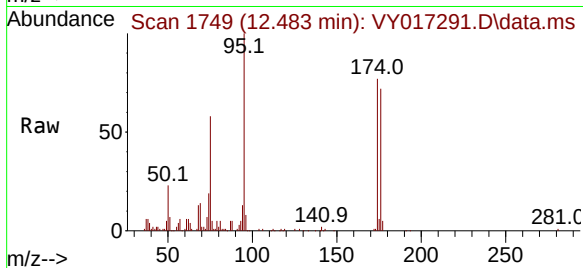
#62
4-Bromofluorobenzene
Concen: 44.029 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017291.D
Acq: 07 Feb 2024 16:00

Instrument :
MSVOA_Y
ClientSampleId :
RT4008

Tgt Ion: 95 Resp: 3515
Ion Ratio Lower Upper
95 100
174 77.7 0.0 160.0
176 76.1 0.0 151.8

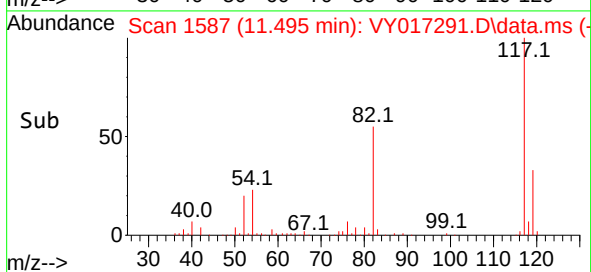
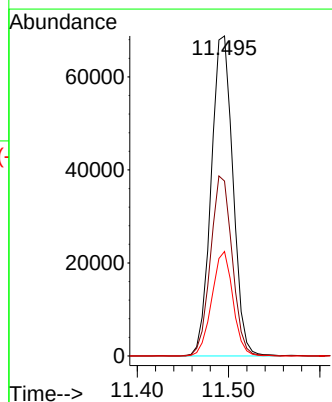
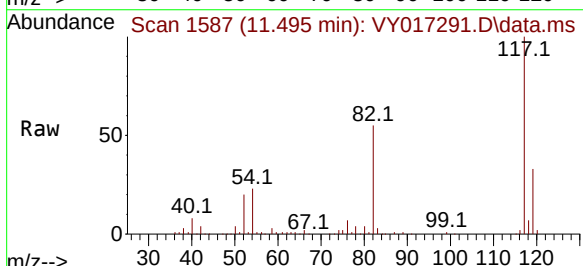
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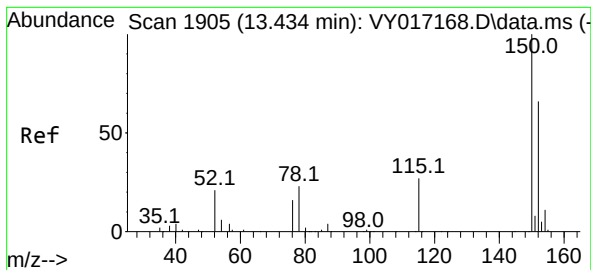
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017291.D
Acq: 07 Feb 2024 16:00

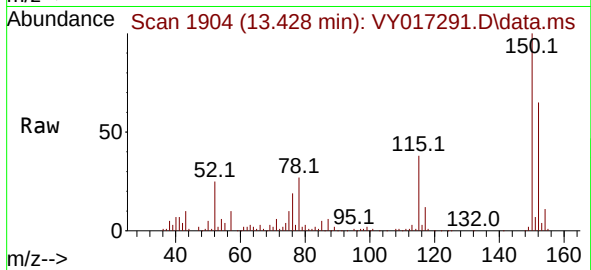
Tgt Ion:117 Resp: 113680
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.8
119 32.7 26.5 39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017291.D
Acq: 07 Feb 2024 16:00

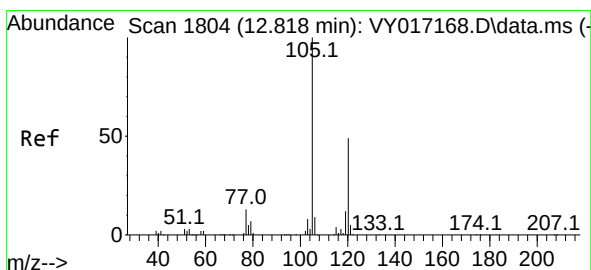
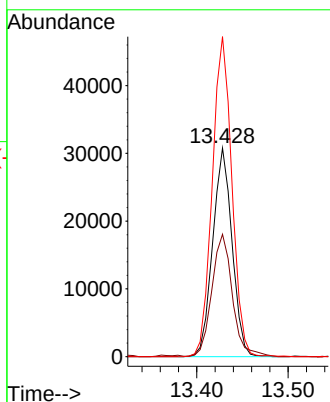
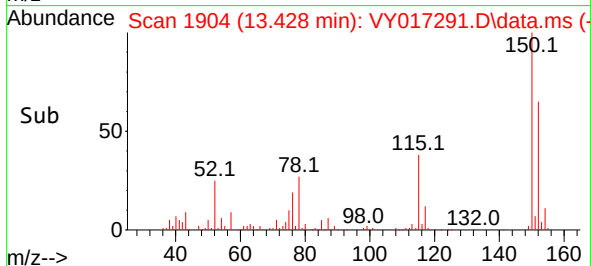
Instrument :
MSVOA_Y
ClientSampleId :
RT4008



Tgt Ion:152 Resp: 45260
Ion Ratio Lower Upper
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115 62.2 30.0 90.0
150 155.6 0.0 344.6

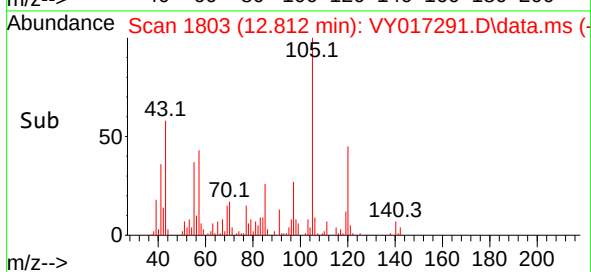
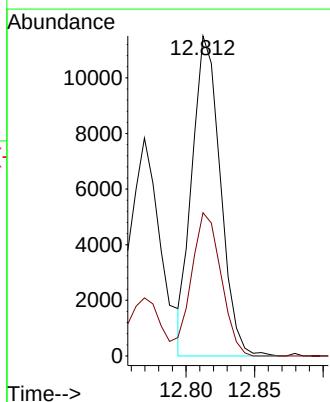
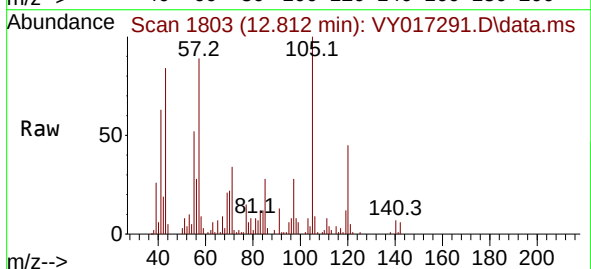
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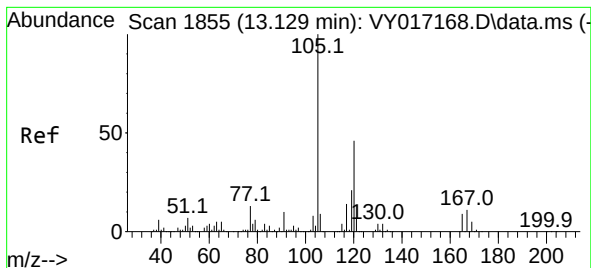
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#80
1,3,5-Trimethylbenzene
Concen: 6.226 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017291.D
Acq: 07 Feb 2024 16:00

Tgt Ion:105 Resp: 16464
Ion Ratio Lower Upper
105 100
120 47.4 24.3 72.8





#84

1,2,4-Trimethylbenzene

Concen: 3.462 ug/l

RT: 13.123 min Scan# 1855

Delta R.T. -0.006 min

Lab File: VY017291.D

Acq: 07 Feb 2024 16:00

Instrument :

MSVOA_Y

ClientSampleId :

RT4008

Tgt Ion:105 Resp: 903

Ion Ratio Lower Upper

105 100

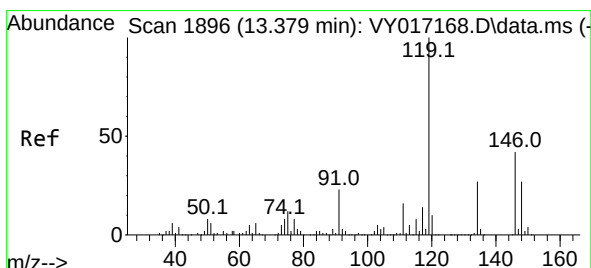
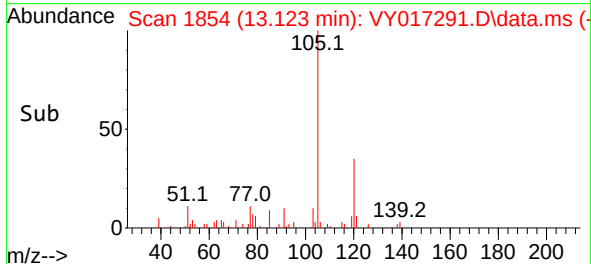
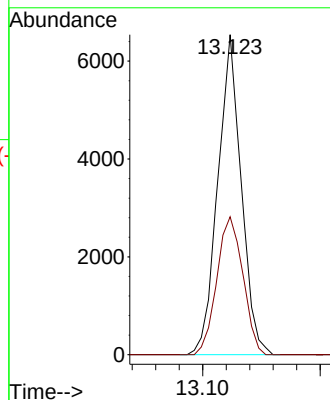
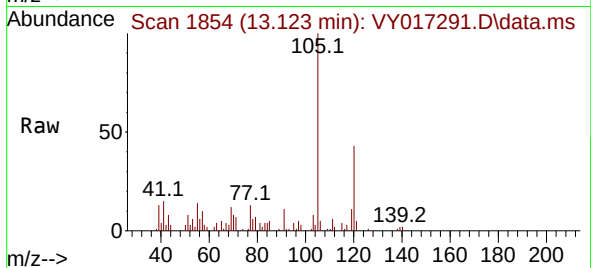
120 48.0 22.1 66.3

Manual Integrations

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Supervised By :Mahesh Dadoda 02/08/2024



#86

p-Isopropyltoluene

Concen: 1.169 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY017291.D

Acq: 07 Feb 2024 16:00

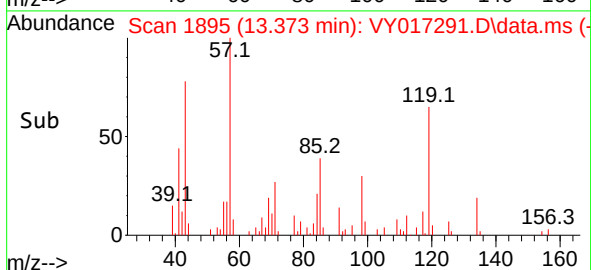
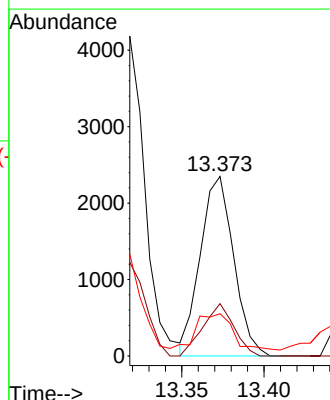
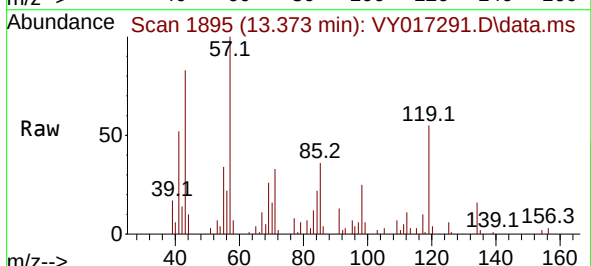
Tgt Ion:119 Resp: 3310

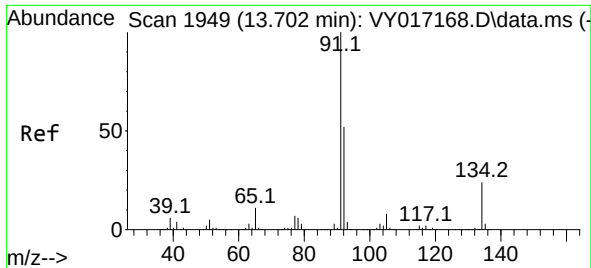
Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.1

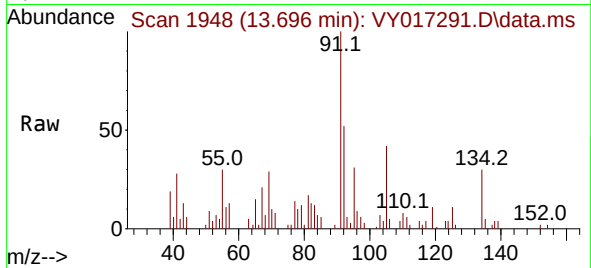
91 21.8 11.7 35.0





#89
 n-Butylbenzene
 Concen: 1.846 ug/l m
 RT: 13.696 min Scan# 1948
 Delta R.T. -0.006 min
 Lab File: VY017291.D
 Acq: 07 Feb 2024 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT4008



Tgt Ion: 91 Resp: 4970

Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.4	79.2
134	358.7	12.3	36.8

Manual Integrations
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