

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021118.D
 Acq On : 06 Feb 2025 17:55
 Operator : SY/MD
 Sample : Q1285-01
 Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11977

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

Quant Time: Feb 07 02:35:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	203379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	374801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	353089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	142006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	122132	58.611	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.220%			
35) Dibromofluoromethane	7.640	113	124481	51.824	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.640%			
50) Toluene-d8	10.109	98	450943	49.313	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.620%			
62) 4-Bromofluorobenzene	12.408	95	157611	52.758	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.520%			
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	5684	17.491	ug/l	92
17) Carbon Disulfide	4.116	76	10378	1.707	ug/l #	94
67) Ethyl Benzene	11.524	91	47521	3.417	ug/l	97
68) m/p-Xylenes	11.633	106	252970	48.627	ug/l	98
69) o-Xylene	11.956	106	256703	52.927	ug/l	97
73) Isopropylbenzene	12.261	105	133213	12.009	ug/l	100
78) n-propylbenzene	12.597	91	15557	1.177	ug/l #	54
80) 1,3,5-Trimethylbenzene	12.743	105	526567	58.549	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	1466896	166.813	ug/l	99
85) sec-Butylbenzene	13.182	105	15035m	1.278	ug/l	
86) p-Isopropyltoluene	13.298	119	98764	10.104	ug/l #	77

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

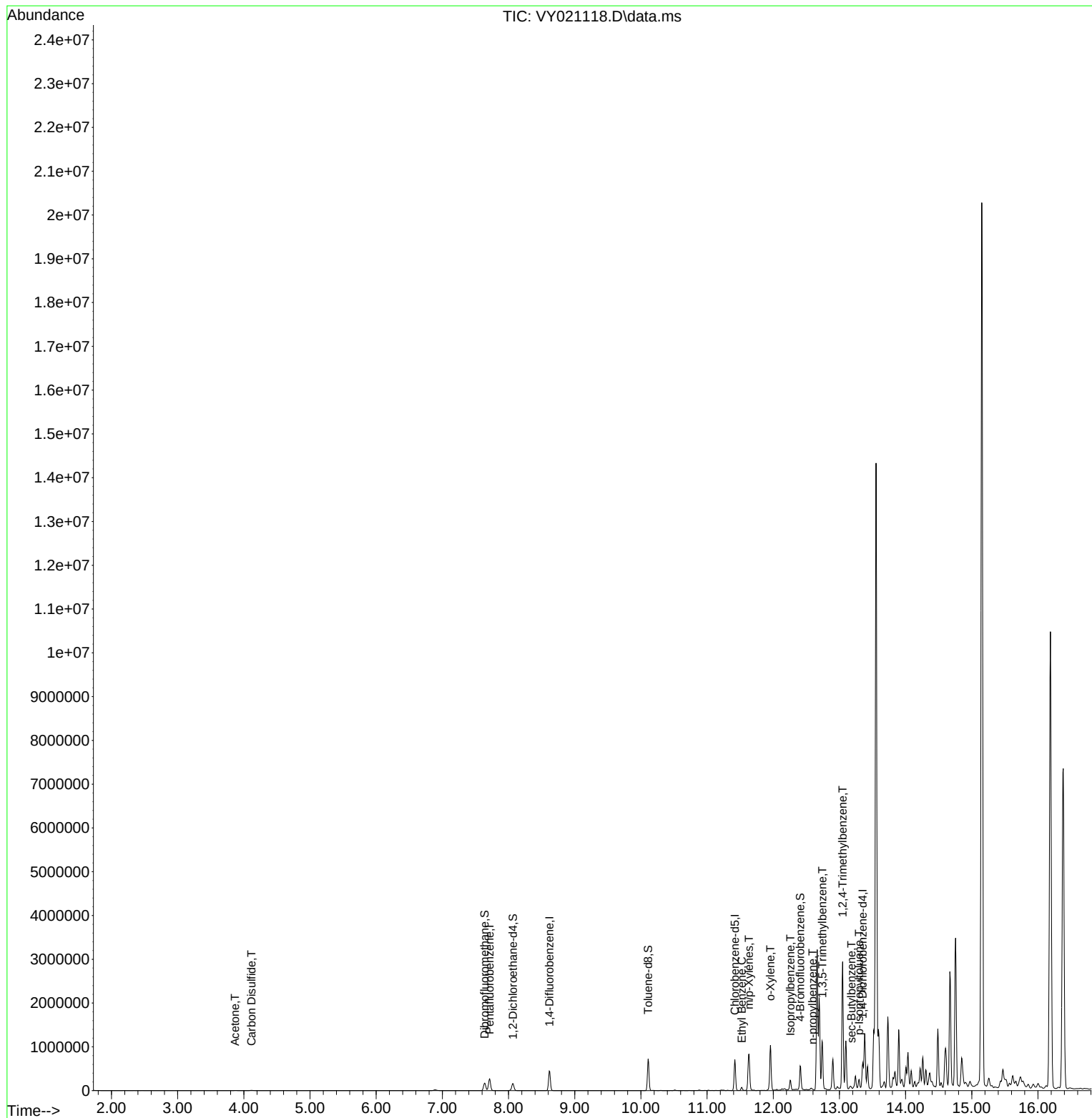
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021118.D
Acq On : 06 Feb 2025 17:55
Operator : SY/MD
Sample : Q1285-01
Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

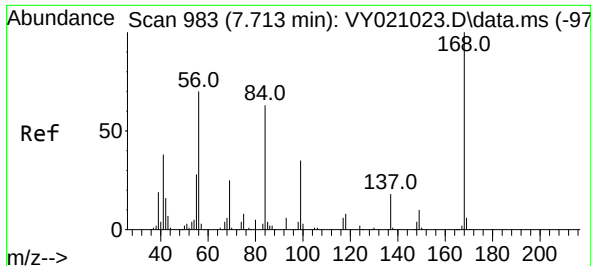
Instrument :
MSVOA_Y
ClientSampleId :
72-11977

Quant Time: Feb 07 02:35:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
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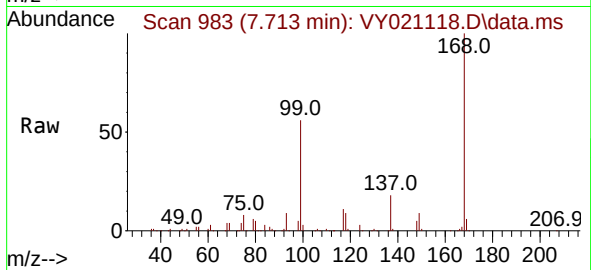
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021118.D
Acq: 06 Feb 2025 17:55

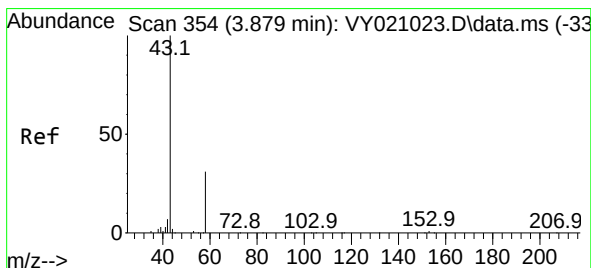
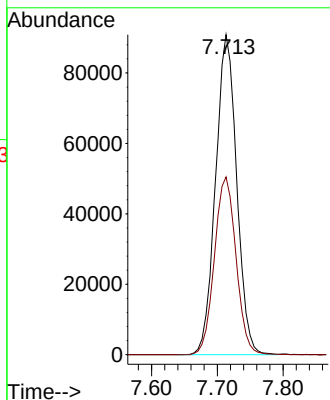
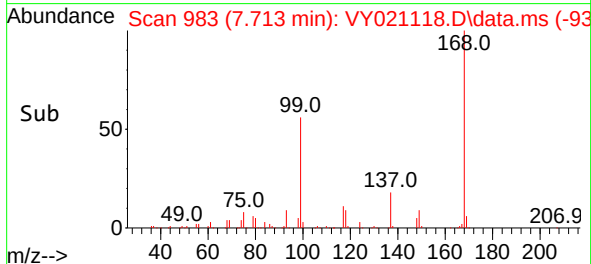
Instrument :
MSVOA_Y
ClientSampleId :
72-11977



Tgt Ion:168 Resp: 203379
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4

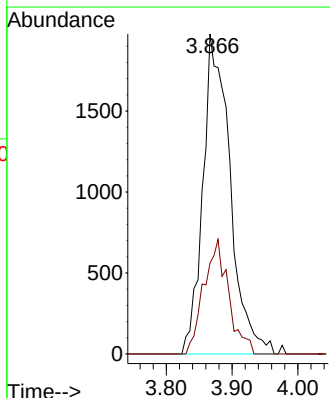
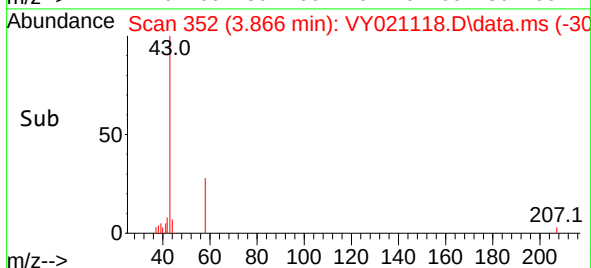
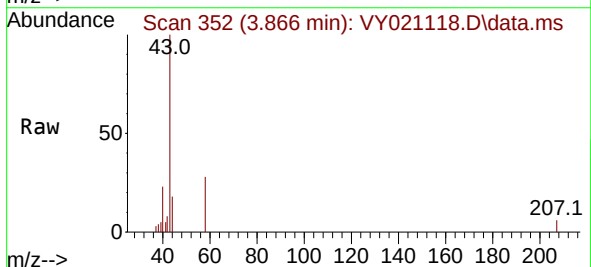
Manual Integrations
APPROVED

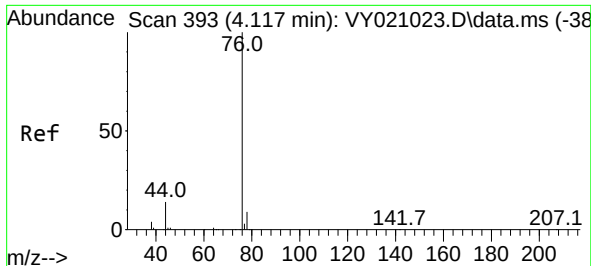
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#16
Acetone
Concen: 17.491 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY021118.D
Acq: 06 Feb 2025 17:55

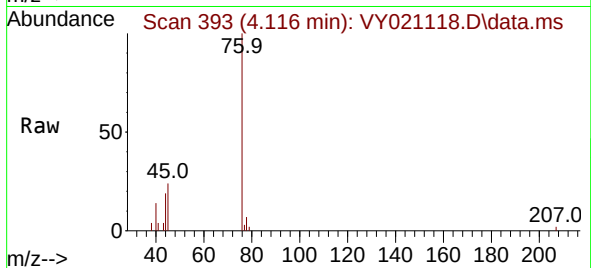
Tgt Ion: 43 Resp: 5684
Ion Ratio Lower Upper
43 100
58 28.4 26.6 39.8





#17
Carbon Disulfide
Concen: 1.707 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.000 min
Lab File: VY021118.D
Acq: 06 Feb 2025 17:55

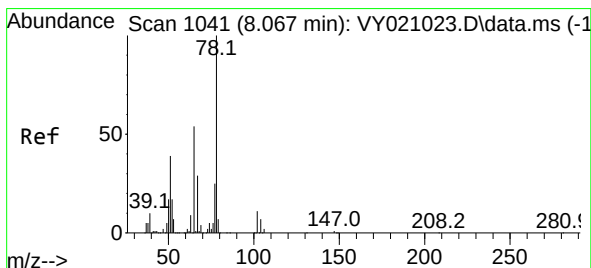
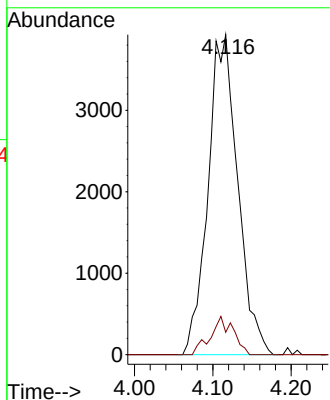
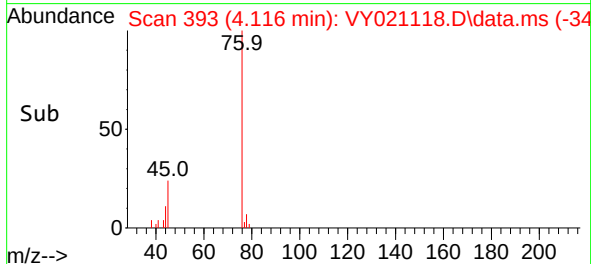
Instrument : MSVOA_Y
ClientSampleId : 72-11977



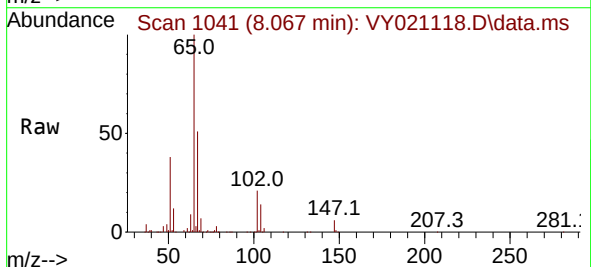
Tgt Ion: 76 Resp: 10378
Ion Ratio Lower Upper
76 100
78 7.0 7.4 11.0

Manual Integrations
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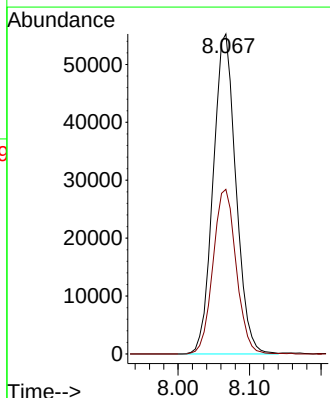
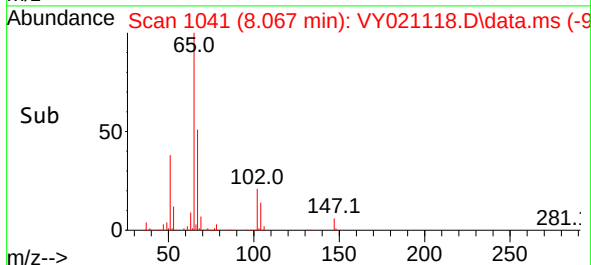
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

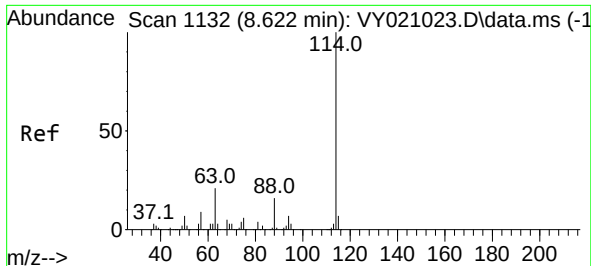


#33
1,2-Dichloroethane-d4
Concen: 58.611 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021118.D
Acq: 06 Feb 2025 17:55



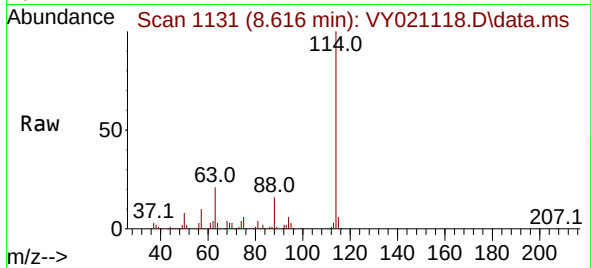
Tgt Ion: 65 Resp: 122132
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021118.D
Acq: 06 Feb 2025 17:55

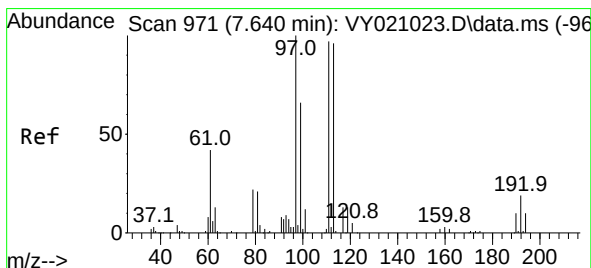
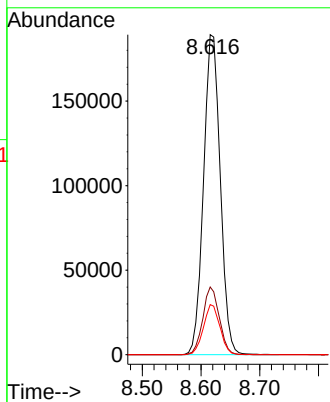
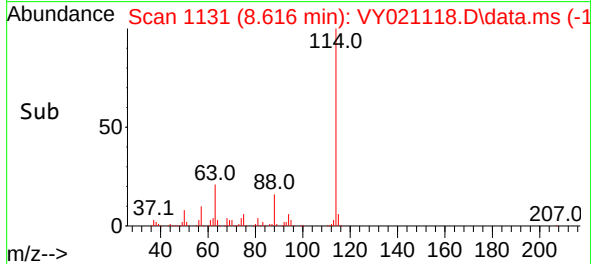
Instrument :
MSVOA_Y
ClientSampleId :
72-11977



Tgt Ion:114 Resp: 37480
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.4
88 15.7 0.0 29.0

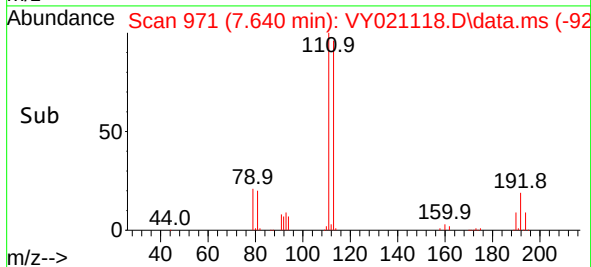
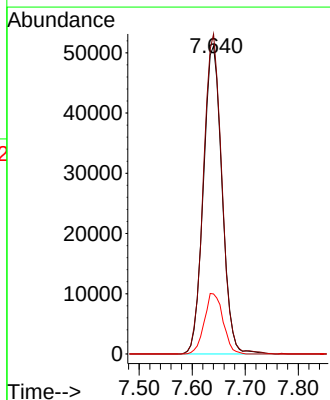
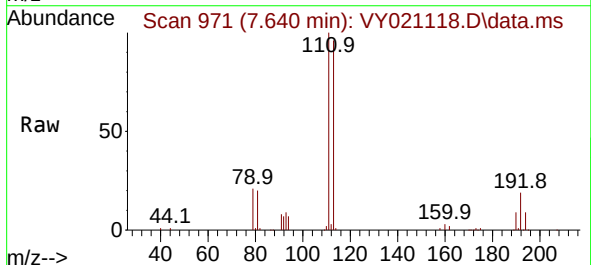
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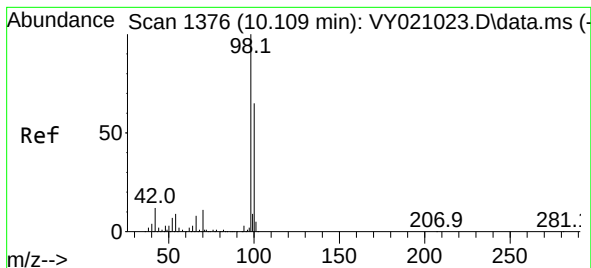
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#35
Dibromofluoromethane
Concen: 51.824 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021118.D
Acq: 06 Feb 2025 17:55

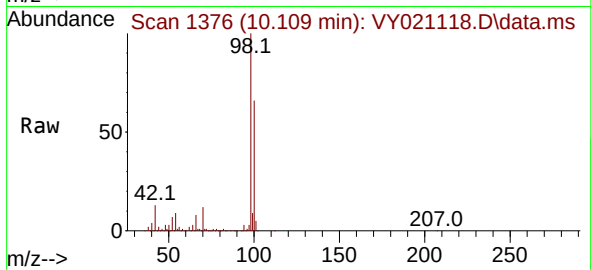
Tgt Ion:113 Resp: 124481
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 19.8 14.5 21.7





#50
Toluene-d8
Concen: 49.313 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021118.D
Acq: 06 Feb 2025 17:55

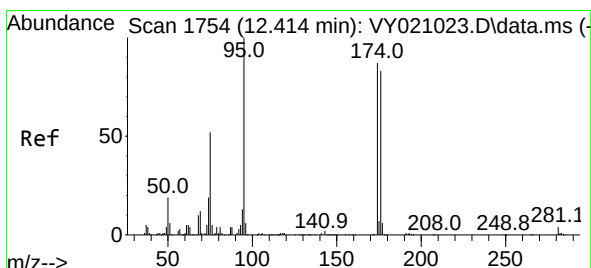
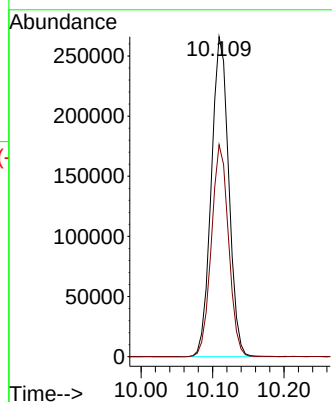
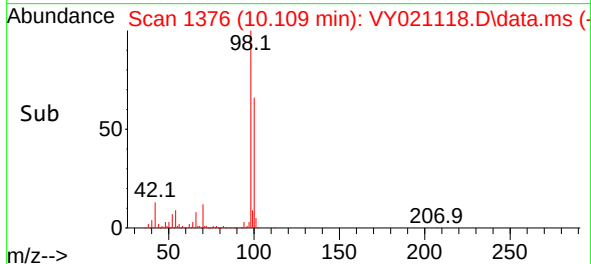
Instrument :
MSVOA_Y
ClientSampleId :
72-11977



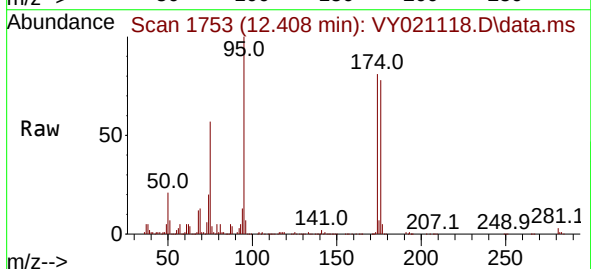
Tgt Ion: 98 Resp: 45094
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

Manual Integrations
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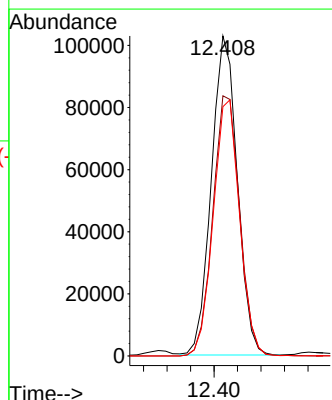
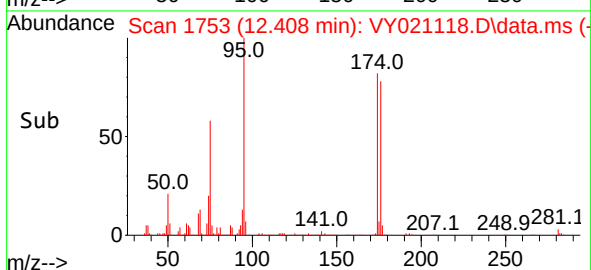
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

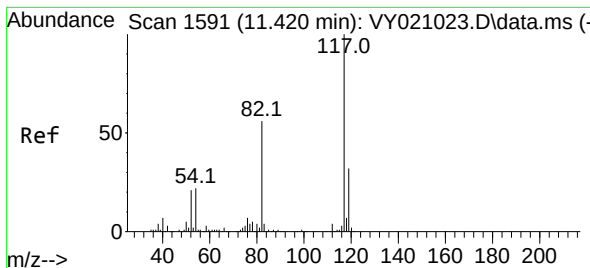


#62
4-Bromofluorobenzene
Concen: 52.758 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021118.D
Acq: 06 Feb 2025 17:55



Tgt Ion: 95 Resp: 157611
Ion Ratio Lower Upper
95 100
174 84.5 0.0 160.0
176 81.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY021118.D

Acq: 06 Feb 2025 17:55

Instrument :

MSVOA_Y

ClientSampleId :

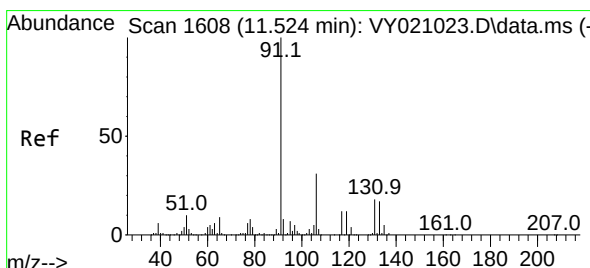
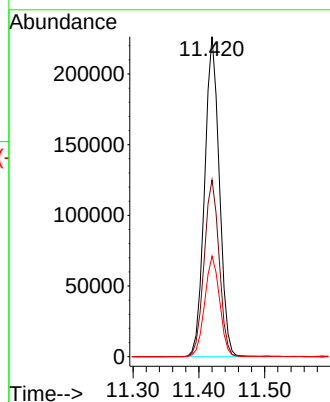
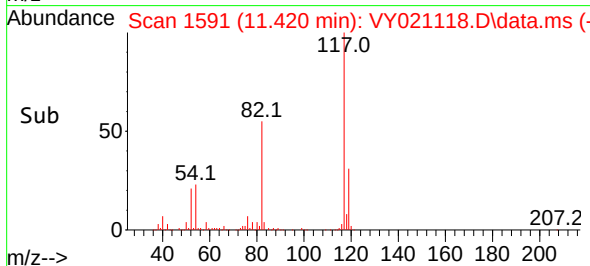
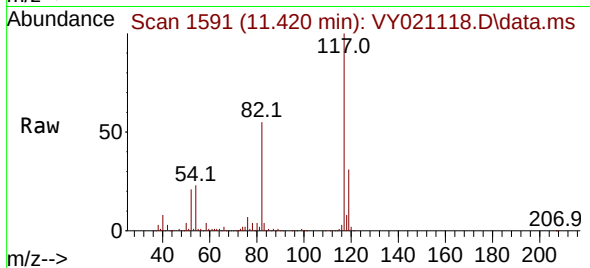
72-11977

Tgt Ion:	117	Resp:	353089
Ion Ratio	Lower	Upper	
117	100		
82	55.2	43.8	65.8
119	31.4	26.5	39.7

Manual Integrations

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#67

Ethyl Benzene

Concen: 3.417 ug/l

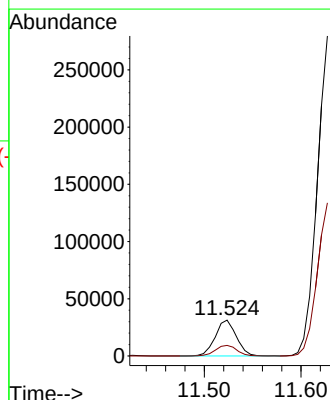
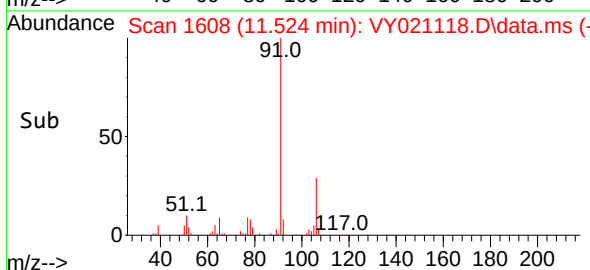
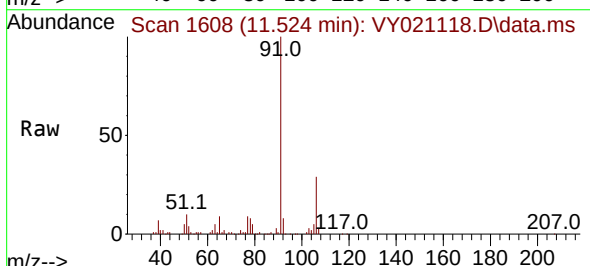
RT: 11.524 min Scan# 1608

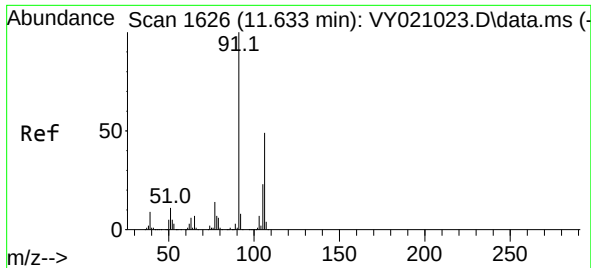
Delta R.T. -0.000 min

Lab File: VY021118.D

Acq: 06 Feb 2025 17:55

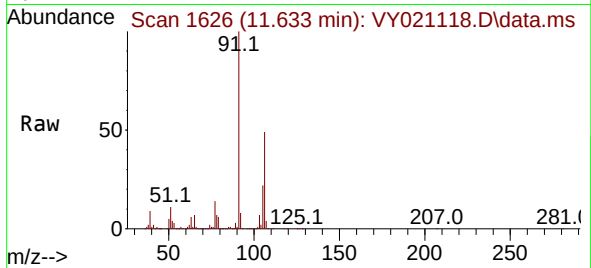
Tgt Ion:	91	Resp:	47521
Ion Ratio	Lower	Upper	
91	100		
106	29.5	25.0	37.4





#68
m/p-Xylenes
Concen: 48.627 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY021118.D
Acq: 06 Feb 2025 17:55

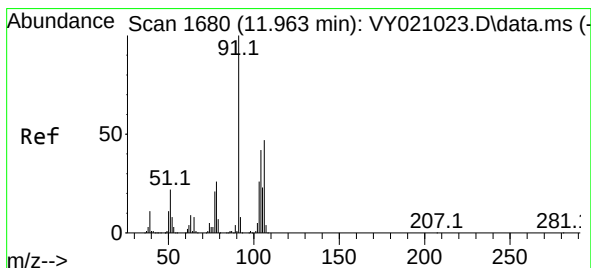
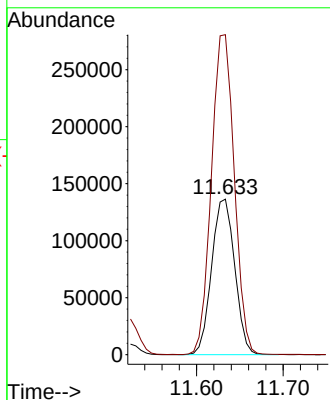
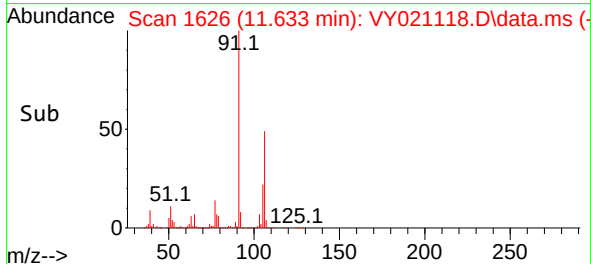
Instrument :
MSVOA_Y
ClientSampleId :
72-11977



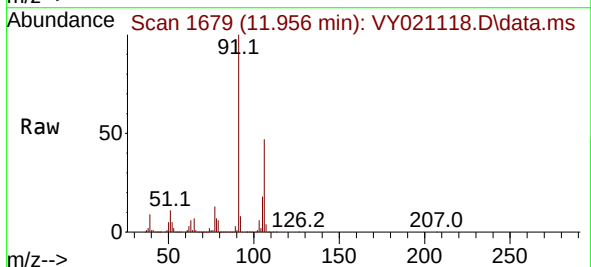
Tgt Ion:106 Resp: 252970
Ion Ratio Lower Upper
106 100
91 204.3 160.7 241.1

Manual Integrations
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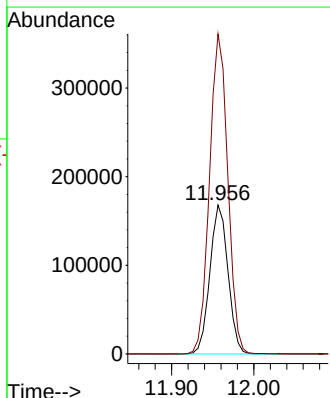
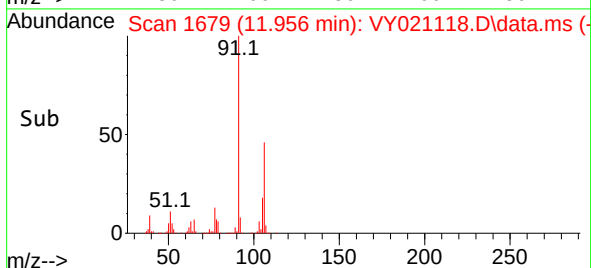
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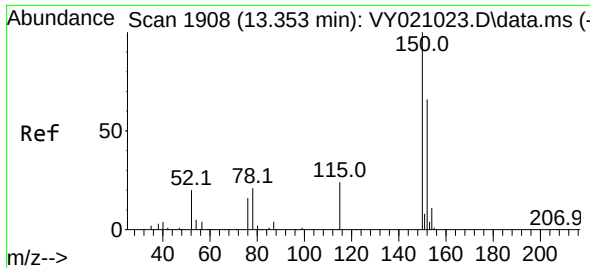


#69
o-Xylene
Concen: 52.927 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VY021118.D
Acq: 06 Feb 2025 17:55



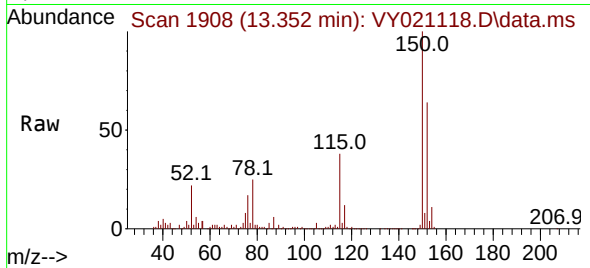
Tgt Ion:106 Resp: 256703
Ion Ratio Lower Upper
106 100
91 217.4 106.5 319.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021118.D
Acq: 06 Feb 2025 17:55

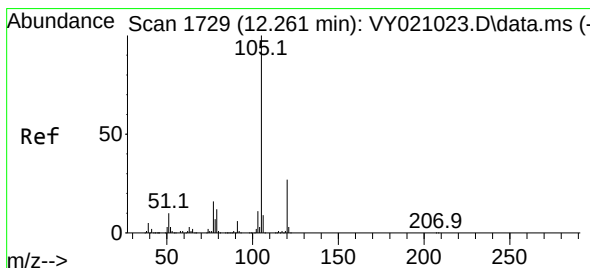
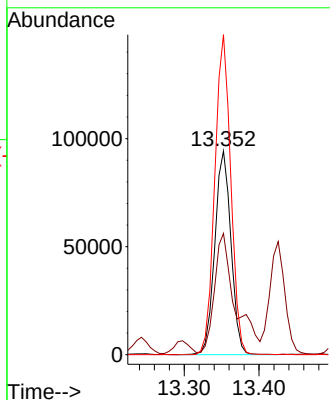
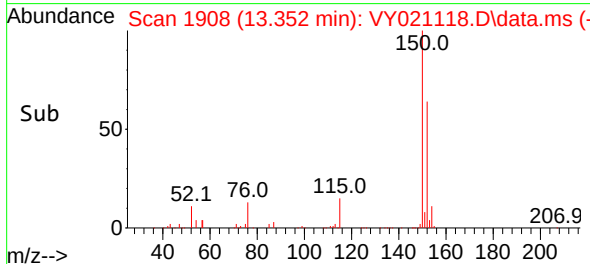
Instrument :
MSVOA_Y
ClientSampleId :
72-11977



Tgt Ion:152 Resp: 142000
Ion Ratio Lower Upper
152 100
115 74.2 30.0 90.0
150 155.0 0.0 344.6

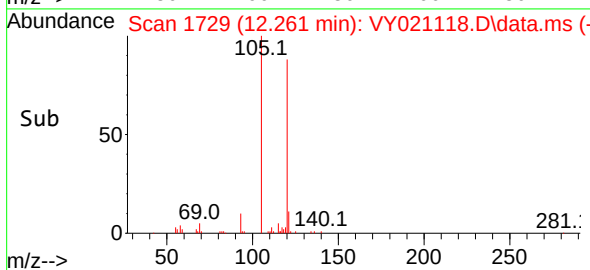
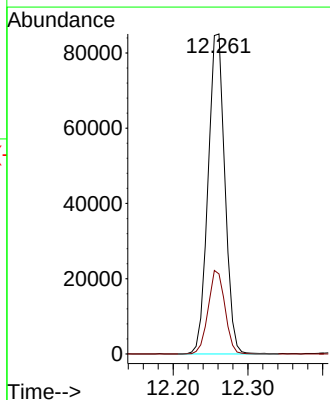
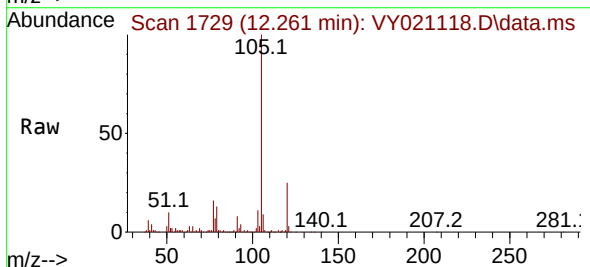
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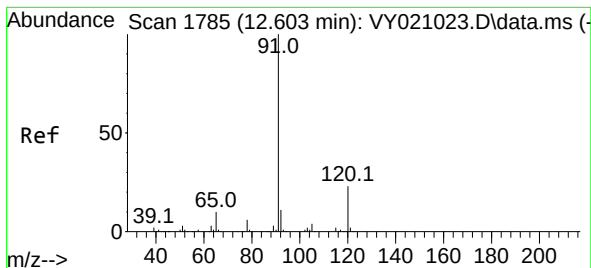
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#73
Isopropylbenzene
Concen: 12.009 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.000 min
Lab File: VY021118.D
Acq: 06 Feb 2025 17:55

Tgt Ion:105 Resp: 133213
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0





#78

n-propylbenzene

Concen: 1.177 ug/l

RT: 12.597 min Scan# 1785

Delta R.T. -0.006 min

Lab File: VY021118.D

Acq: 06 Feb 2025 17:55

Instrument :

MSVOA_Y

ClientSampleId :

72-11977

Tgt Ion: 91 Resp: 1555

Ion Ratio Lower Upper

91 100

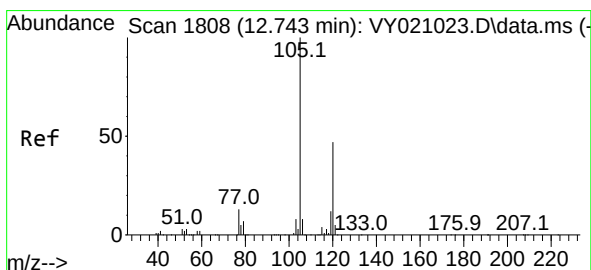
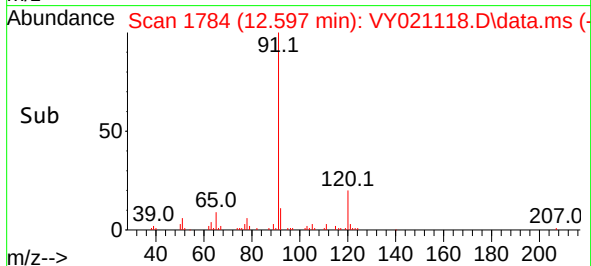
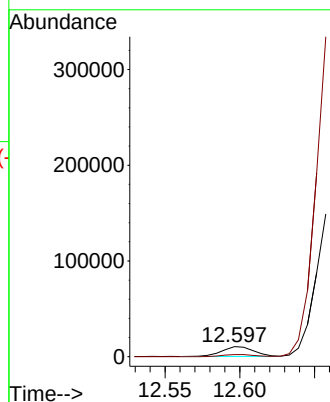
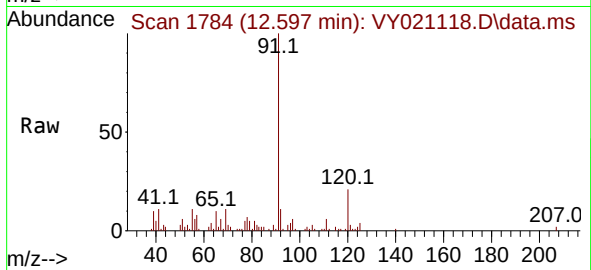
120 0.0 11.0 33.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#80

1,3,5-Trimethylbenzene

Concen: 58.549 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY021118.D

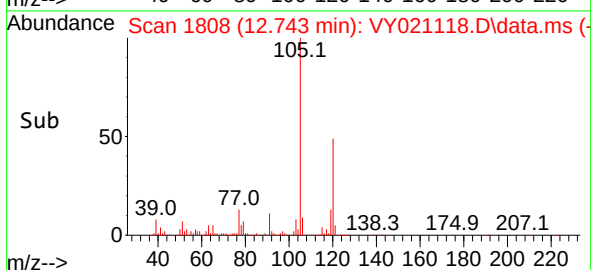
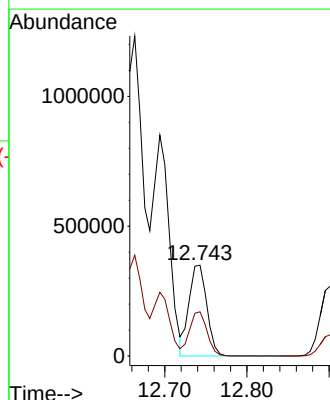
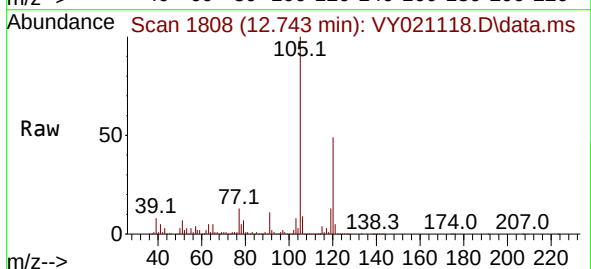
Acq: 06 Feb 2025 17:55

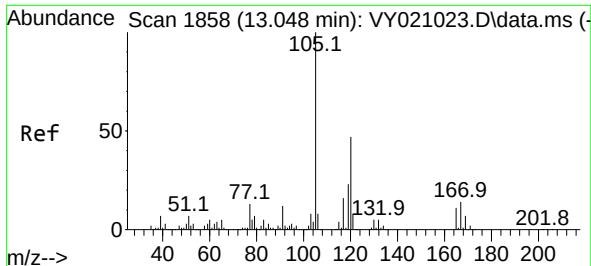
Tgt Ion:105 Resp: 526567

Ion Ratio Lower Upper

105 100

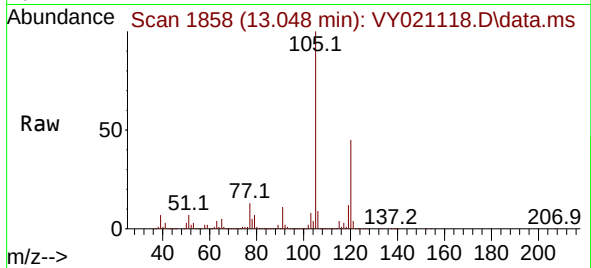
120 47.9 24.3 72.8





#84
1,2,4-Trimethylbenzene
Concen: 166.813 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY021118.D
Acq: 06 Feb 2025 17:55

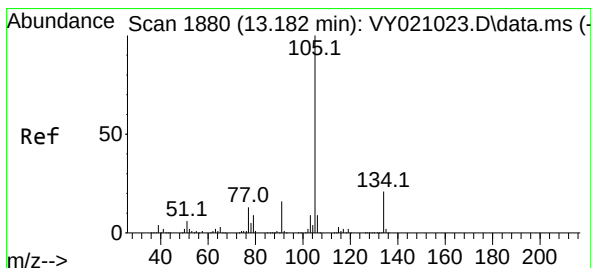
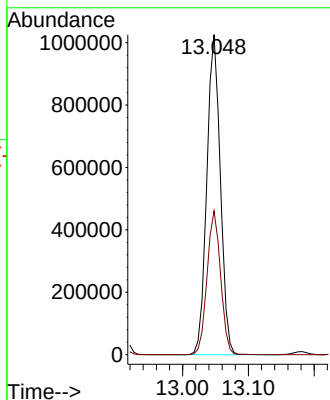
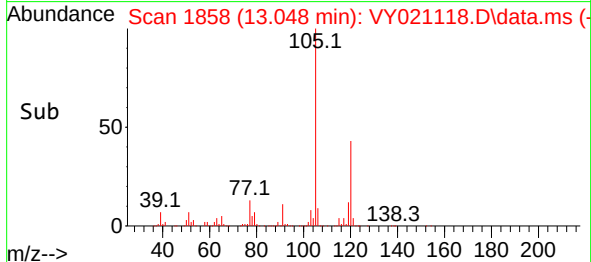
Instrument :
MSVOA_Y
ClientSampleId :
72-11977



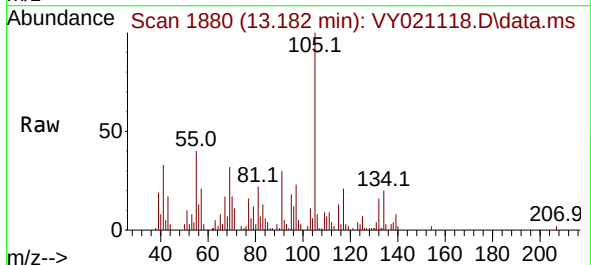
Tgt Ion:105 Resp: 1466890
Ion Ratio Lower Upper
105 100
120 45.0 22.1 66.3

Manual Integrations
APPROVED

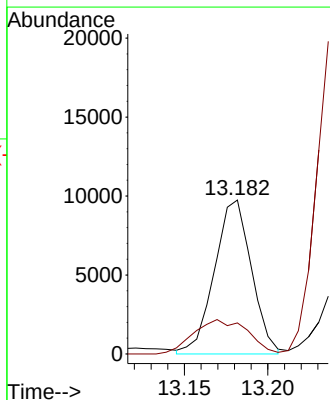
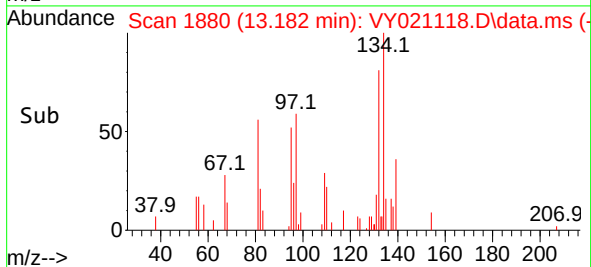
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

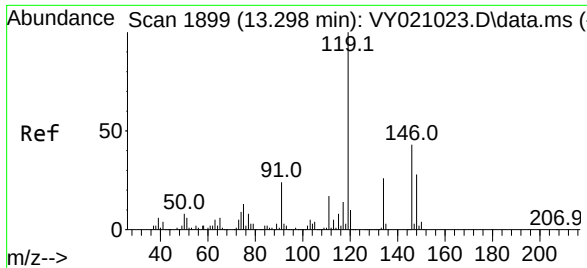


#85
sec-Butylbenzene
Concen: 1.278 ug/l m
RT: 13.182 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VY021118.D
Acq: 06 Feb 2025 17:55



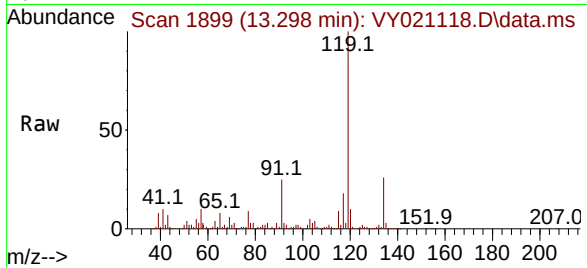
Tgt Ion:105 Resp: 15035
Ion Ratio Lower Upper
105 100
134 0.0 9.7 28.9#





#86
 p-Isopropyltoluene
 Concen: 10.104 ug/l
 RT: 13.298 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VY021118.D
 Acq: 06 Feb 2025 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11977



Tgt Ion:	119	Resp:	98764
Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.1
91	0.0	11.7	35.0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

