

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021095.D
 Acq On : 05 Feb 2025 17:45
 Operator : SY/MD
 Sample : Q1281-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02--2-03-2025

Quant Time: Feb 06 00:57:15 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

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/06/2025
 Supervised By :Mahesh Dadoda 02/06/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	187827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	340704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	322006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	126233	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	118620	61.639	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.280%			
35) Dibromofluoromethane	7.634	113	113978	52.201	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.400%			
50) Toluene-d8	10.109	98	414504	49.865	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.720%			
62) 4-Bromofluorobenzene	12.408	95	144213	53.104	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.200%			
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	6428	21.419	ug/l	92
17) Carbon Disulfide	4.110	76	9336	1.662	ug/l #	90
67) Ethyl Benzene	11.524	91	295059	23.266	ug/l	99
68) m/p-Xylenes	11.627	106	410078	86.436	ug/l	97
69) o-Xylene	11.957	106	366532	82.866	ug/l	97
73) Isopropylbenzene	12.255	105	220067	22.318	ug/l	100
78) n-propylbenzene	12.597	91	44583	3.796	ug/l #	54
80) 1,3,5-Trimethylbenzene	12.737	105	680431	85.111	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	2042190	261.252	ug/l	99
85) sec-Butylbenzene	13.176	105	21252m	2.032	ug/l	
86) p-Isopropyltoluene	13.298	119	131668	15.153	ug/l #	77

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

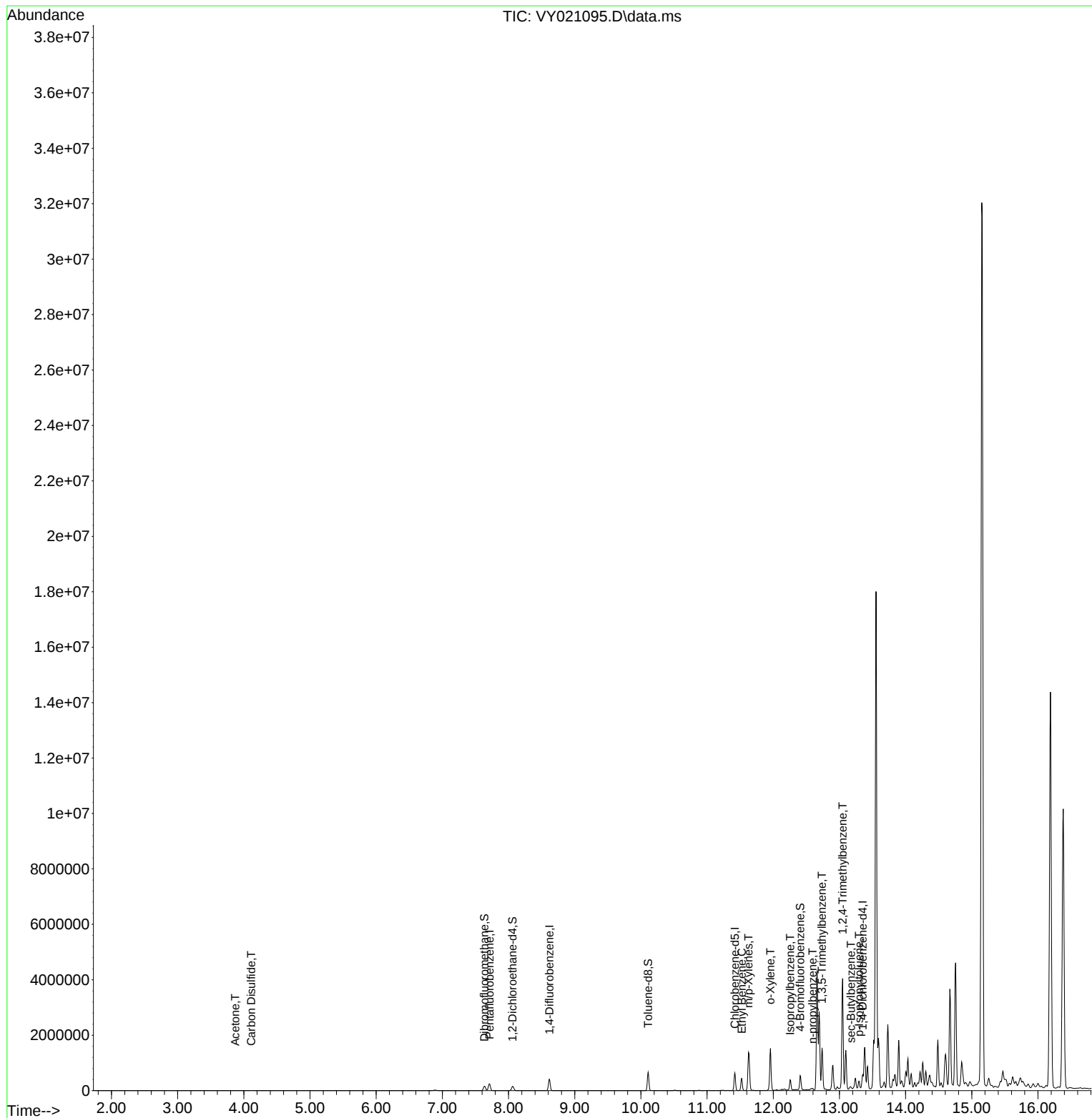
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
Data File : VY021095.D
Acq On : 05 Feb 2025 17:45
Operator : SY/MD
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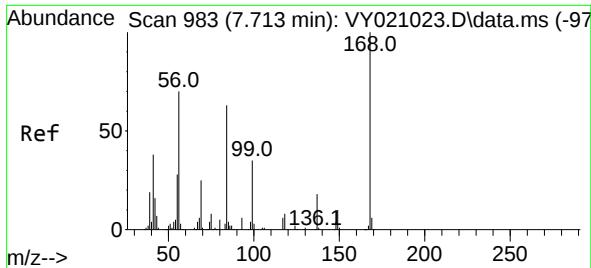
Instrument :
MSVOA_Y
ClientSampleId :
OR-02--2-03-2025

Quant Time: Feb 06 00:57:15 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

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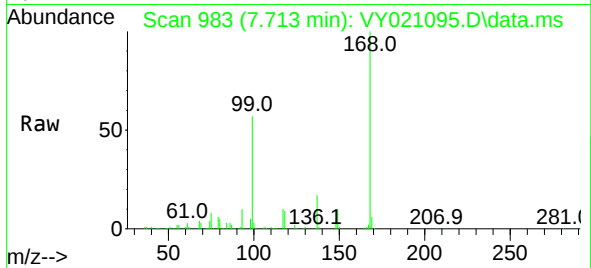
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021095.D
Acq: 05 Feb 2025 17:45

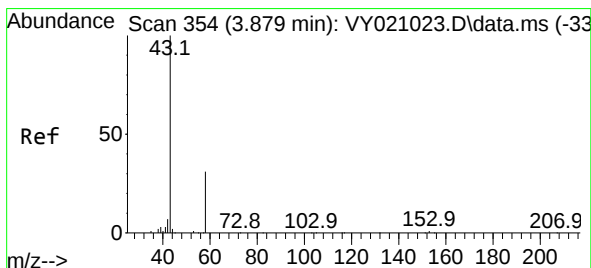
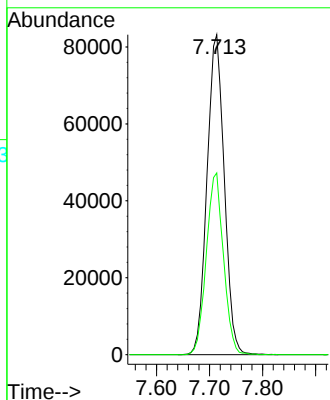
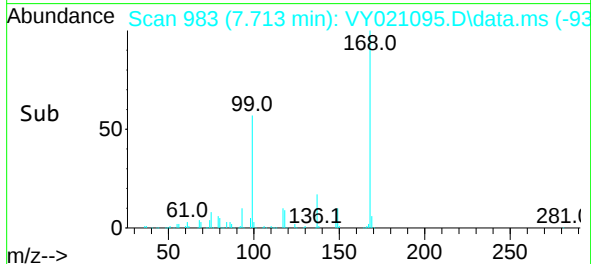
Instrument :
MSVOA_Y
ClientSampleId :
OR-02--2-03-2025



Tgt Ion:168 Resp: 18782
Ion Ratio Lower Upper
168 100
99 56.8 44.2 66.4

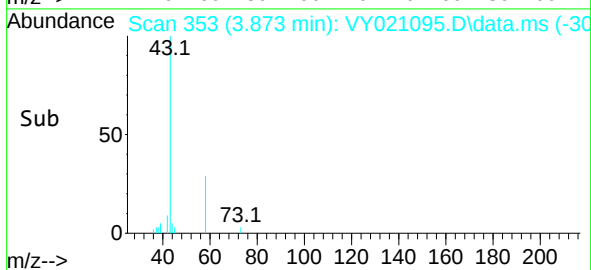
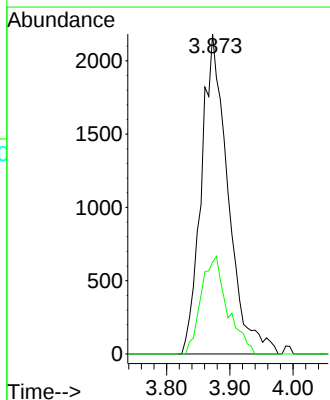
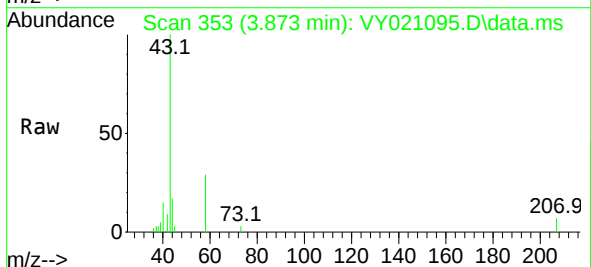
Manual Integrations
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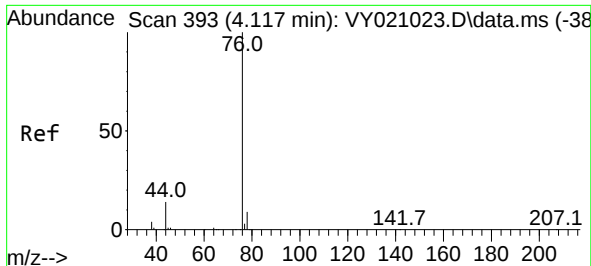
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#16
Acetone
Concen: 21.419 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021095.D
Acq: 05 Feb 2025 17:45

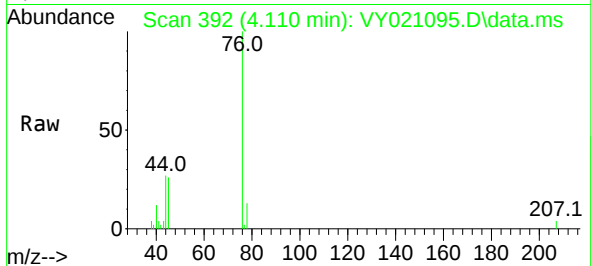
Tgt Ion: 43 Resp: 6428
Ion Ratio Lower Upper
43 100
58 28.7 26.6 39.8





#17
Carbon Disulfide
Concen: 1.662 ug/l
RT: 4.110 min Scan# 393
Delta R.T. -0.006 min
Lab File: VY021095.D
Acq: 05 Feb 2025 17:45

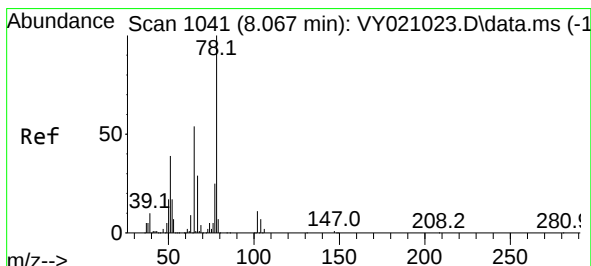
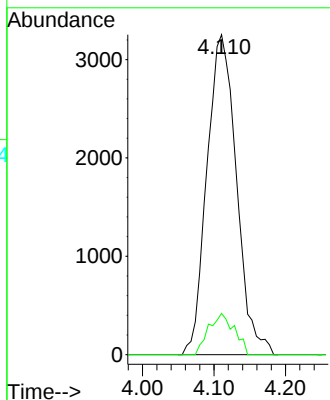
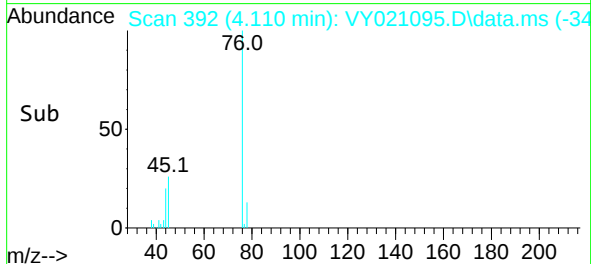
Instrument :
MSVOA_Y
ClientSampleId :
OR-02--2-03-2025



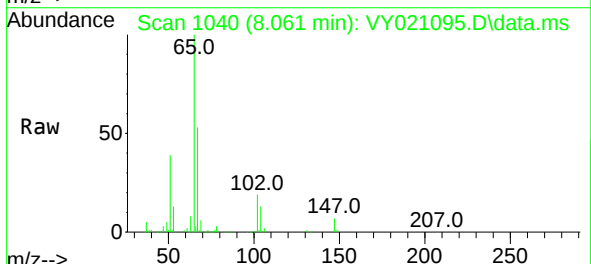
Tgt Ion: 76 Resp: 9330
Ion Ratio Lower Upper
76 100
78 12.9 7.4 11.0

Manual Integrations
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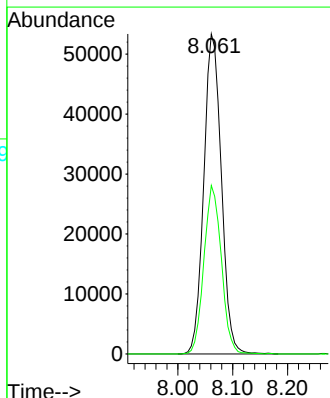
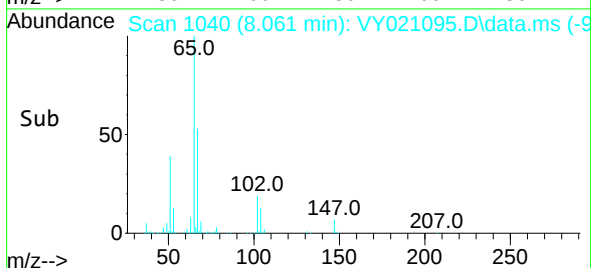
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025

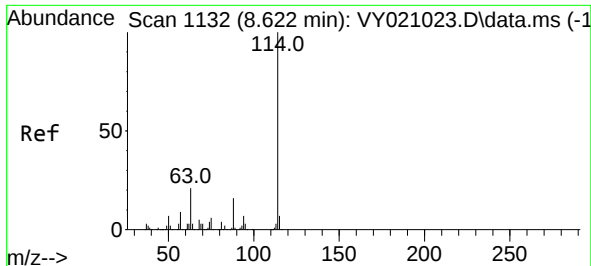


#33
1,2-Dichloroethane-d4
Concen: 61.639 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021095.D
Acq: 05 Feb 2025 17:45



Tgt Ion: 65 Resp: 118620
Ion Ratio Lower Upper
65 100
67 52.2 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: VY021095.D

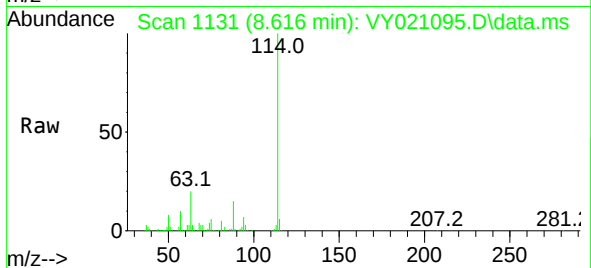
Acq: 05 Feb 2025 17:45

Instrument :

MSVOA_Y

ClientSampleId :

OR-02--2-03-2025



Tgt Ion:114 Resp: 340704

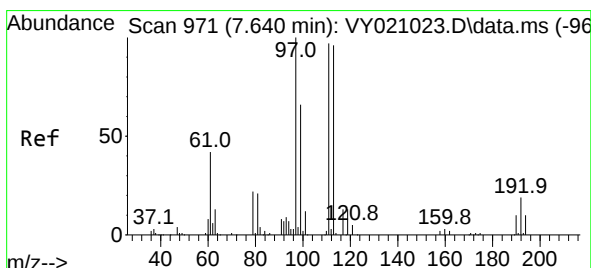
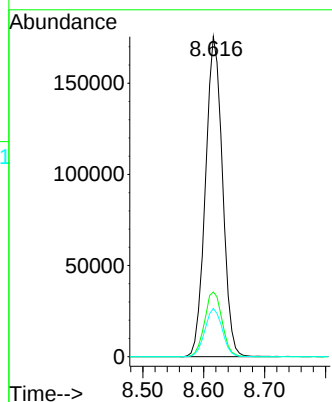
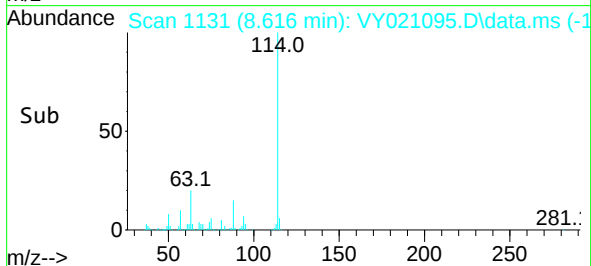
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	37.4
88	15.0	0.0	29.0

Manual Integrations

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Supervised By :Mahesh Dadoda 02/06/2025



#35

Dibromofluoromethane

Concen: 52.201 ug/l

RT: 7.634 min Scan# 970

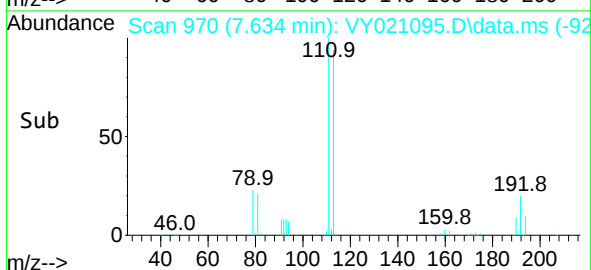
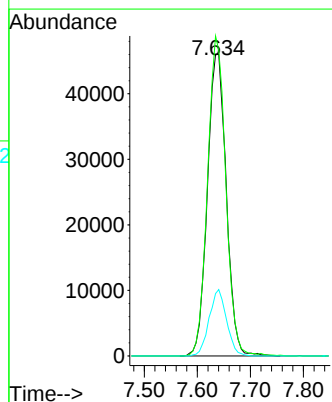
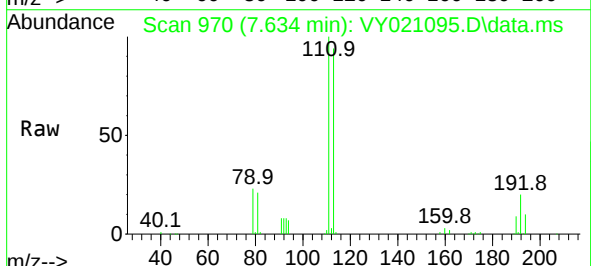
Delta R.T. -0.006 min

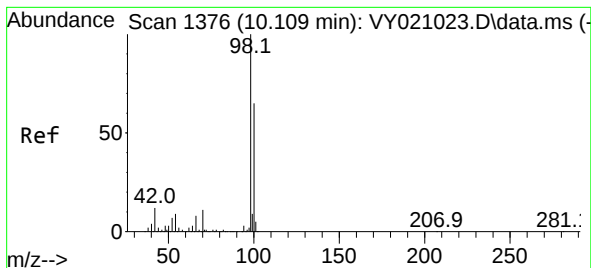
Lab File: VY021095.D

Acq: 05 Feb 2025 17:45

Tgt Ion:113 Resp: 113978

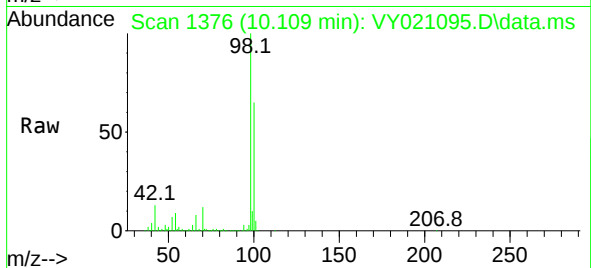
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.8	125.6
192	20.3	14.5	21.7





#50
Toluene-d8
Concen: 49.865 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021095.D
Acq: 05 Feb 2025 17:45

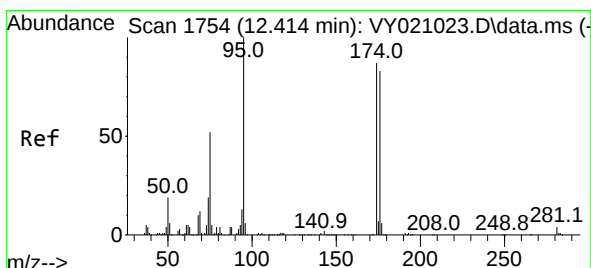
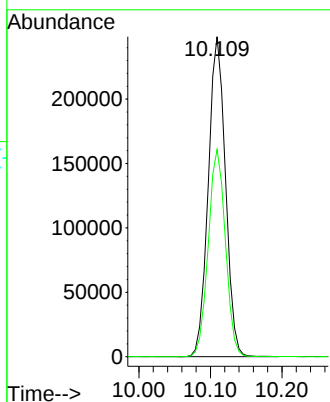
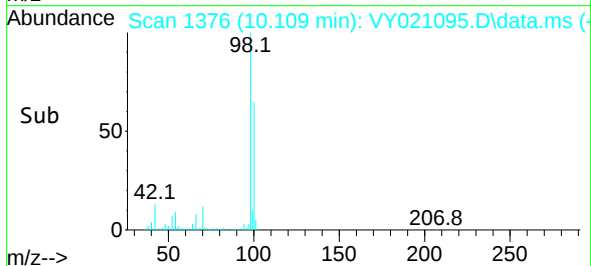
Instrument :
MSVOA_Y
ClientSampleId :
OR-02--2-03-2025



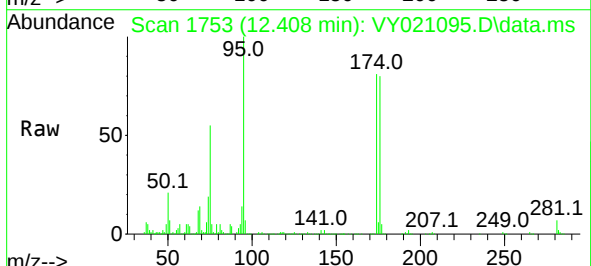
Tgt Ion: 98 Resp: 414504
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

Manual Integrations
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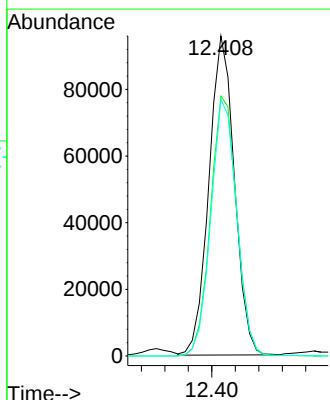
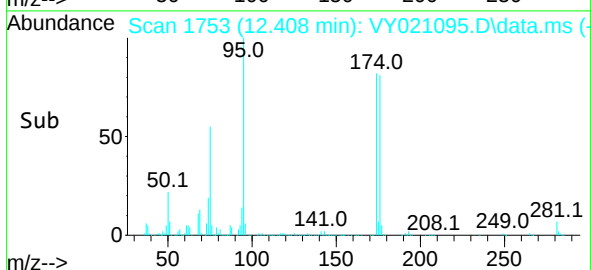
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025

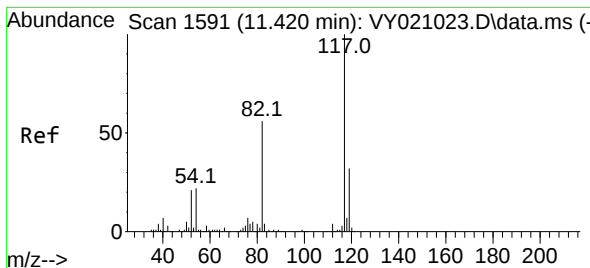


#62
4-Bromofluorobenzene
Concen: 53.104 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021095.D
Acq: 05 Feb 2025 17:45



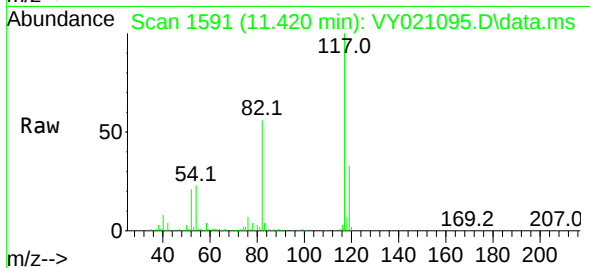
Tgt Ion: 95 Resp: 144213
Ion Ratio Lower Upper
95 100
174 83.9 0.0 160.0
176 81.9 0.0 151.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021095.D
Acq: 05 Feb 2025 17:45

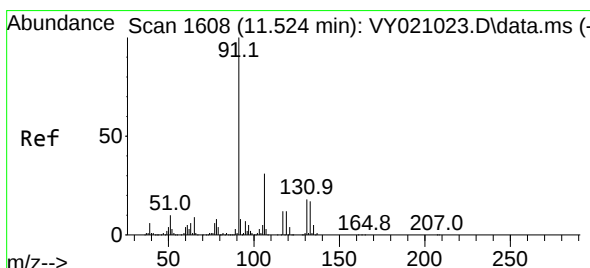
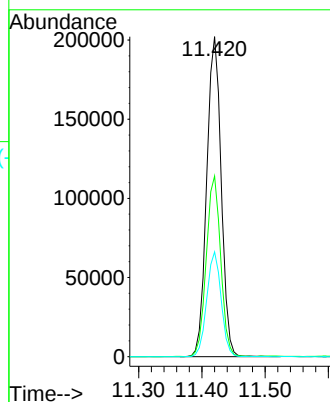
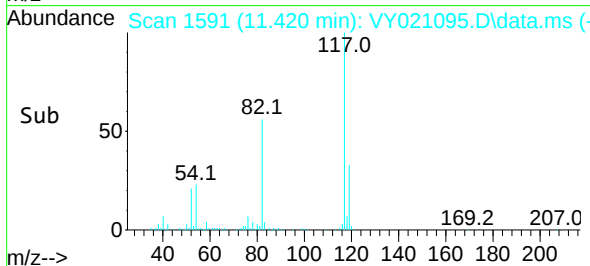
Instrument :
MSVOA_Y
ClientSampleId :
OR-02--2-03-2025



Tgt Ion:117 Resp: 322000
Ion Ratio Lower Upper
117 100
82 56.4 43.8 65.8
119 32.8 26.5 39.7

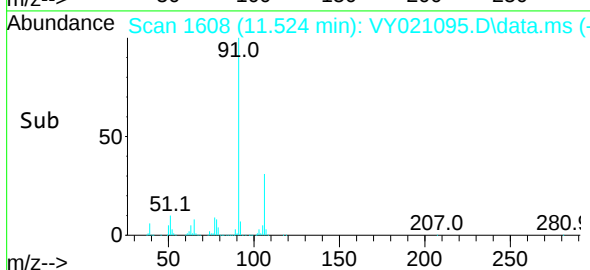
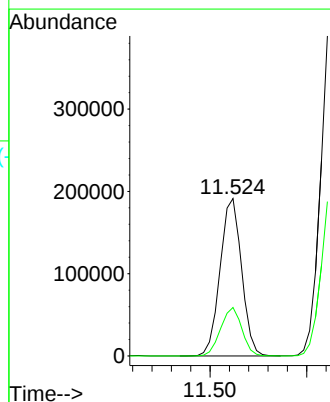
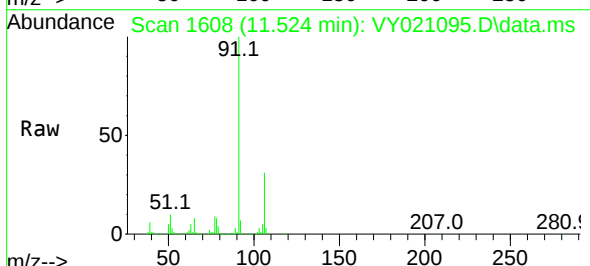
Manual Integrations
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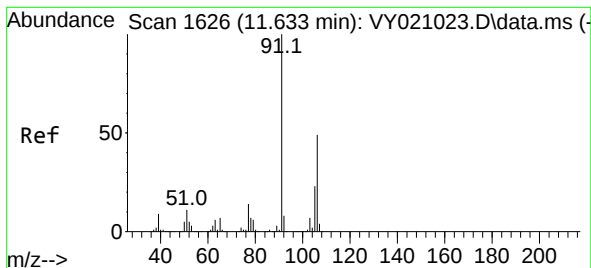
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#67
Ethyl Benzene
Concen: 23.266 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021095.D
Acq: 05 Feb 2025 17:45

Tgt Ion: 91 Resp: 295059
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.4





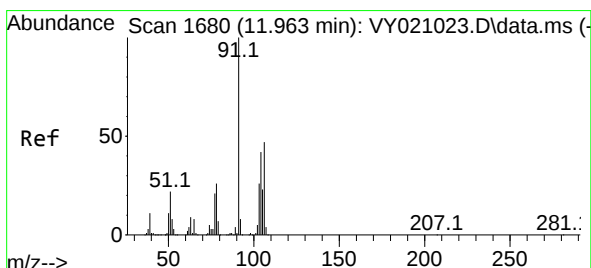
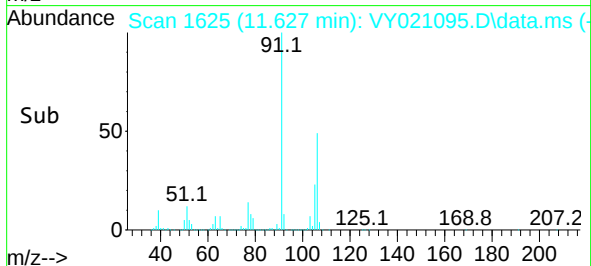
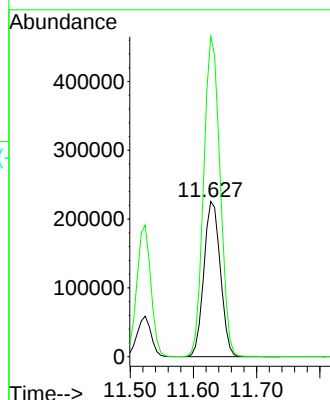
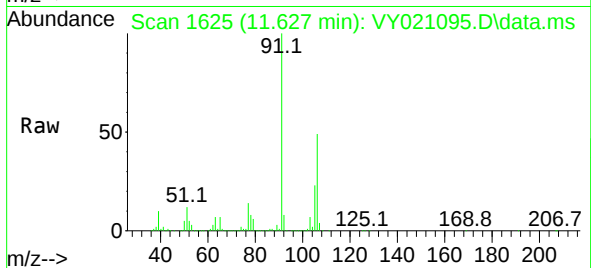
#68
m/p-Xylenes
Concen: 86.436 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY021095.D
Acq: 05 Feb 2025 17:45

Instrument :
MSVOA_Y
ClientSampleId :
OR-02--2-03-2025

Tgt Ion:106 Resp: 410078
Ion Ratio Lower Upper
106 100
91 205.4 160.7 241.1

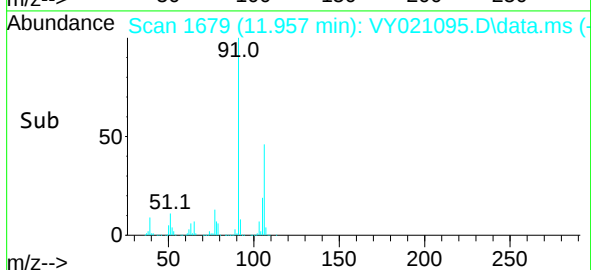
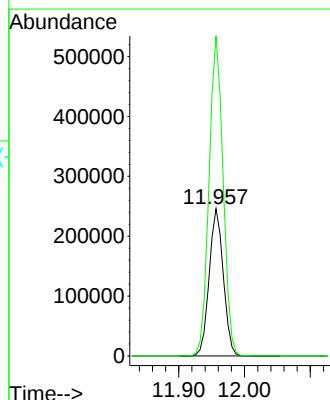
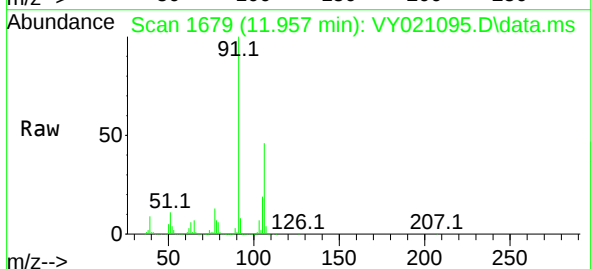
Manual Integrations
APPROVED

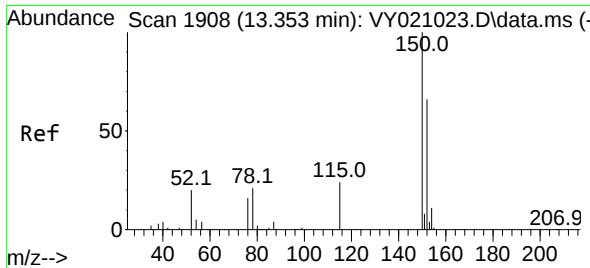
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#69
o-Xylene
Concen: 82.866 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VY021095.D
Acq: 05 Feb 2025 17:45

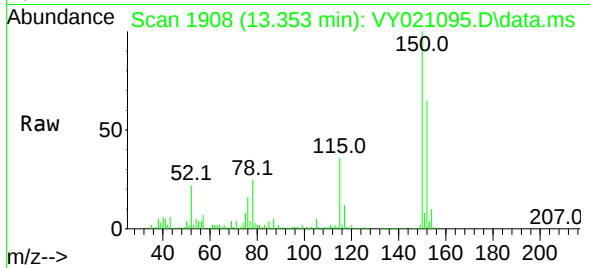
Tgt Ion:106 Resp: 366532
Ion Ratio Lower Upper
106 100
91 217.4 106.5 319.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021095.D
Acq: 05 Feb 2025 17:45

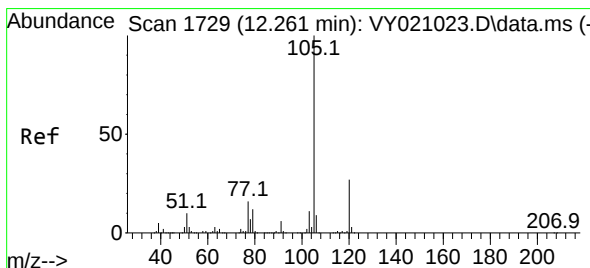
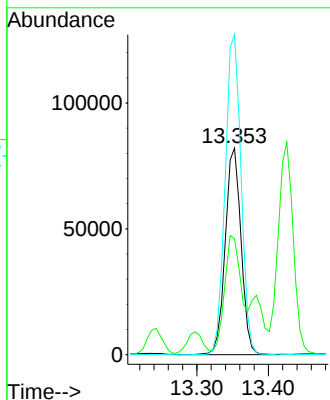
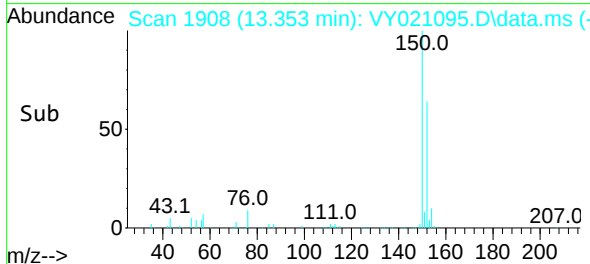
Instrument :
MSVOA_Y
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OR-02--2-03-2025



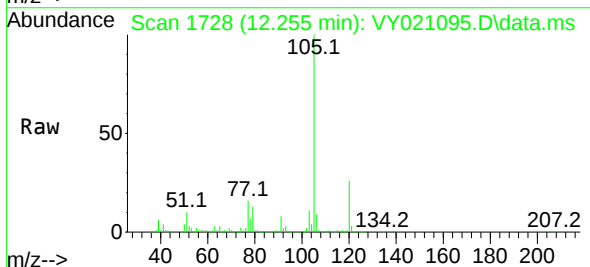
Tgt Ion:152 Resp: 12623
Ion Ratio Lower Upper
152 100
115 0.0 30.0 90.0
150 155.3 0.0 344.6

Manual Integrations
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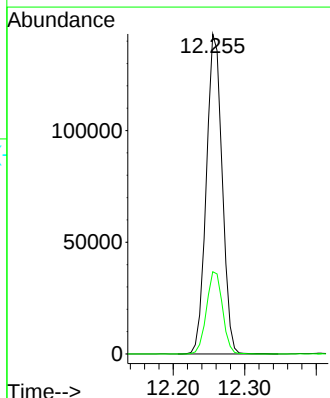
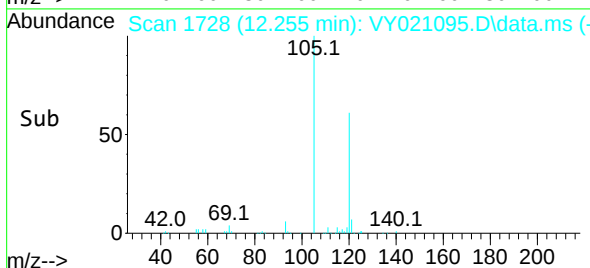
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025

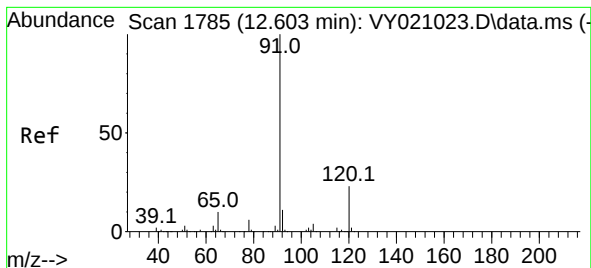


#73
Isopropylbenzene
Concen: 22.318 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.006 min
Lab File: VY021095.D
Acq: 05 Feb 2025 17:45



Tgt Ion:105 Resp: 220067
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0





#78

n-propylbenzene

Concen: 3.796 ug/l

RT: 12.597 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021095.D

Acq: 05 Feb 2025 17:45

Instrument :

MSVOA_Y

ClientSampleId :

OR-02--2-03-2025

Tgt Ion: 91 Resp: 4458

Ion Ratio Lower Upper

91 100

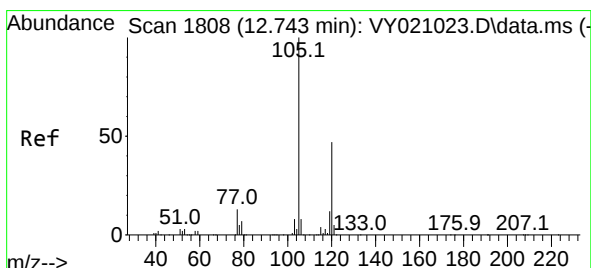
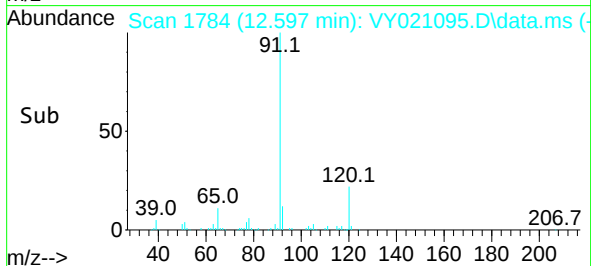
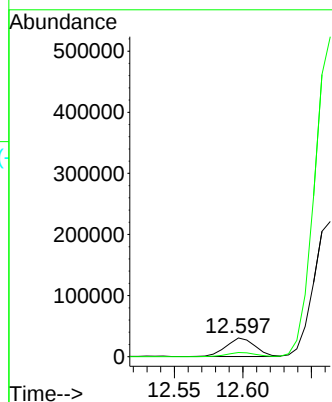
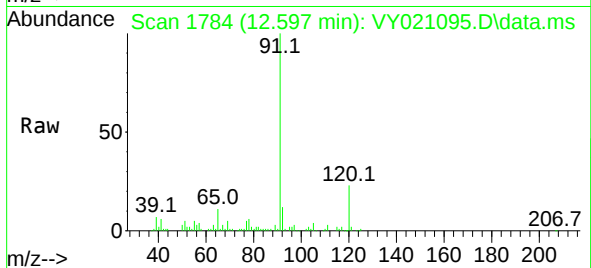
120 0.0 11.0 33.0

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 02/06/2025



#80

1,3,5-Trimethylbenzene

Concen: 85.111 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021095.D

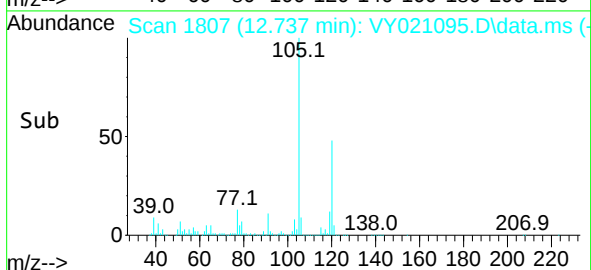
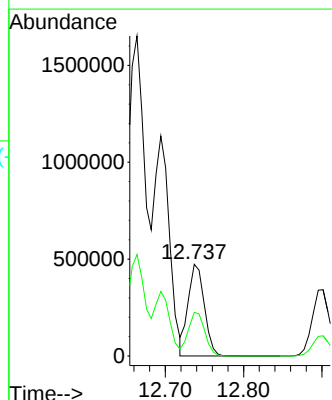
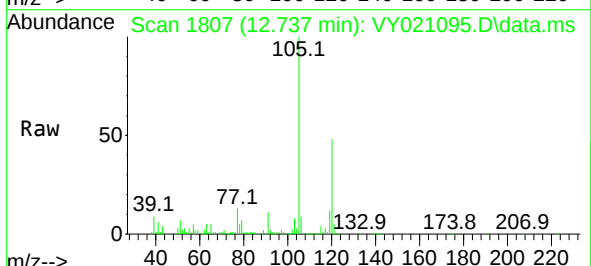
Acq: 05 Feb 2025 17:45

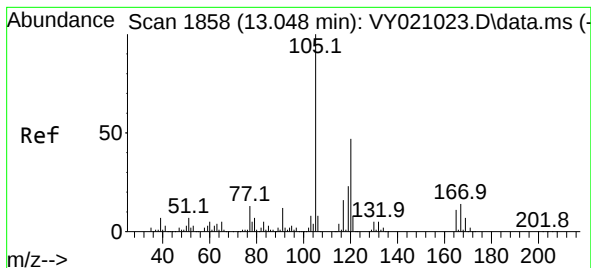
Tgt Ion:105 Resp: 680431

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8





#84

1,2,4-Trimethylbenzene

Concen: 261.252 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY021095.D

Acq: 05 Feb 2025 17:45

Instrument :

MSVOA_Y

ClientSampleId :

OR-02--2-03-2025

Tgt Ion:105 Resp: 2042190

Ion Ratio Lower Upper

105 100

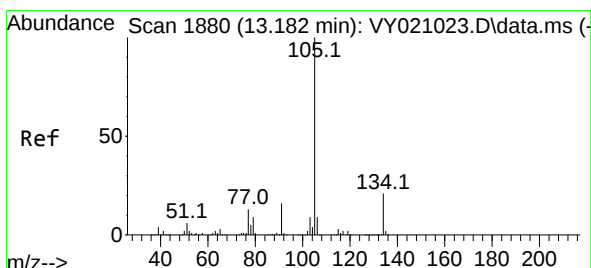
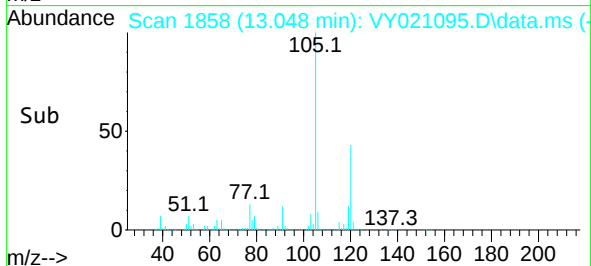
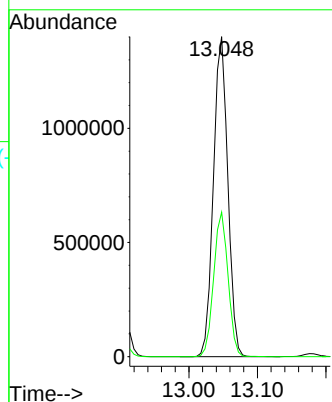
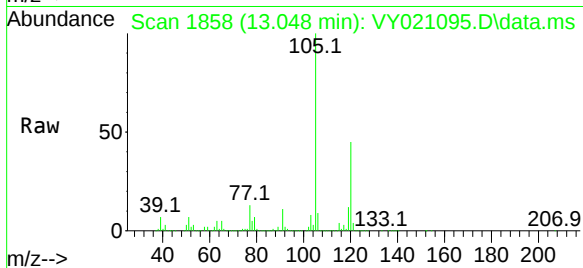
120 45.1 22.1 66.3

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025

Supervised By :Mahesh Dadoda 02/06/2025



#85

sec-Butylbenzene

Concen: 2.032 ug/l m

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY021095.D

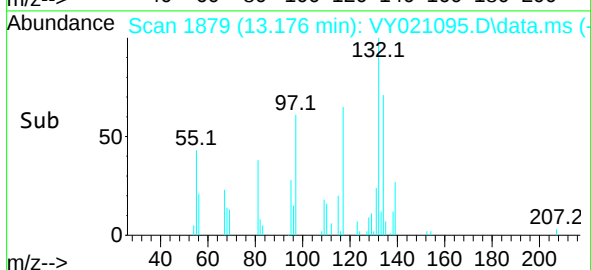
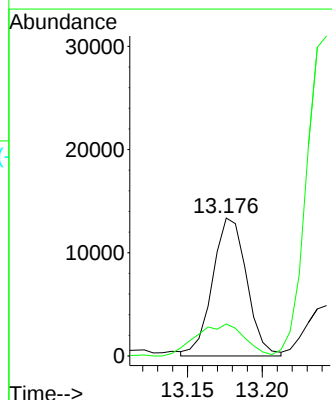
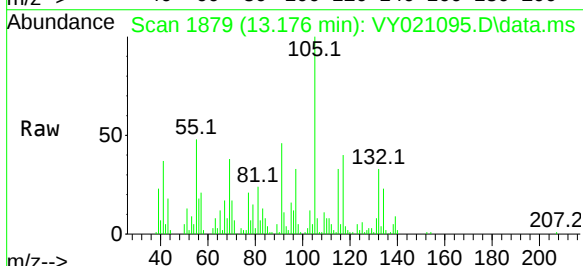
Acq: 05 Feb 2025 17:45

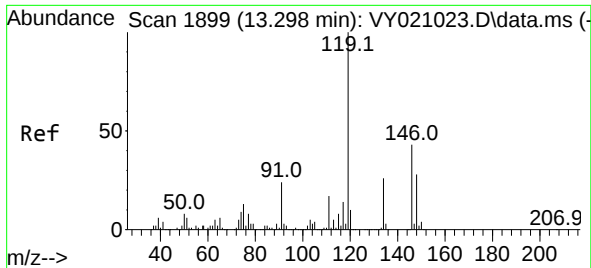
Tgt Ion:105 Resp: 21252

Ion Ratio Lower Upper

105 100

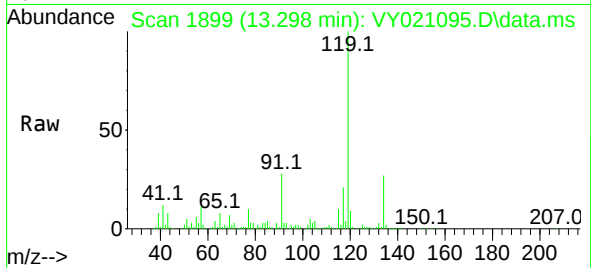
134 0.0 9.7 28.9#





#86
 p-Isopropyltoluene
 Concen: 15.153 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY021095.D
 Acq: 05 Feb 2025 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02--2-03-2025



Tgt Ion:119 Resp: 131668
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 0.0 11.7 35.0

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/06/2025
 Supervised By :Mahesh Dadoda 02/06/2025

