

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
 Data File : VV039157.D  
 Acq On : 24 Sep 2025 17:00  
 Operator : SY/MD  
 Sample : Q3172-01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 FW7D

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025  
 Supervised By :Semsettin Yesilyurt 09/26/2025

Quant Time: Sep 25 08:19:09 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 08:08:08 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|----------|--------|----------|
| -----                        |                |      |                     |          |        |          |
| Internal Standards           |                |      |                     |          |        |          |
| 1) Pentafluorobenzene        | 4.600          | 168  | 784952              | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 5.532          | 114  | 1453021             | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 8.805          | 117  | 1186446             | 50.000   | ug/l   | 0.03     |
| 72) 1,4-Dichlorobenzene-d4   | 11.172         | 152  | 645392              | 50.000   | ug/l   | 0.00     |
|                              |                |      |                     |          |        |          |
| System Monitoring Compounds  |                |      |                     |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 4.944          | 65   | 577583              | 50.841   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 81 - 118 |      | Recovery = 101.680% |          |        |          |
| 35) Dibromofluoromethane     | 4.503          | 113  | 455826              | 39.022   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 80 - 119 |      | Recovery = 78.040%# |          |        |          |
| 50) Toluene-d8               | 7.239          | 98   | 1428833             | 41.648   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 89 - 112 |      | Recovery = 83.300%# |          |        |          |
| 62) 4-Bromofluorobenzene     | 10.001         | 95   | 589602              | 41.746   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 85 - 114 |      | Recovery = 83.500%# |          |        |          |
|                              |                |      |                     |          |        |          |
| Target Compounds             |                |      |                     |          | Qvalue |          |
| 4) Vinyl Chloride            | 1.298          | 62   | 763995              | 53.498   | ug/l # | 64       |
| 8) Diethyl Ether             | 1.921          | 74   | 22870               | 2.980    | ug/l   | 93       |
| 12) 1,1-Dichloroethene       | 2.085          | 96   | 109964              | 9.291    | ug/l   | 99       |
| 17) Carbon Disulfide         | 2.259          | 76   | 34033               | 0.940    | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 2.703          | 96   | 978973              | 77.701   | ug/l   | 99       |
| 22) Diisopropyl ether        | 3.220          | 45   | 114080              | 2.820    | ug/l # | 31       |
| 24) 1,1-Dichloroethane       | 3.121          | 63   | 8430                | 0.341    | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 3.815          | 96   | 16939500            | 1219.054 | ug/l   | 88       |
| 30) Chloroform               | 4.291          | 83   | 26684               | 1.033    | ug/l   | 97       |
| 31) Cyclohexane              | 4.590          | 56   | 67600               | 3.336    | ug/l # | 79       |
| 39) Methylcyclohexane        | 6.050          | 83   | 90115               | 4.225    | ug/l   | 97       |
| 40) Benzene                  | 5.008          | 78   | 2255720             | 39.223   | ug/l   | 98       |
| 44) Trichloroethene          | 5.818          | 130  | 25787799m           | 1943.227 | ug/l   |          |
| 52) Toluene                  | 7.317          | 92   | 153855              | 4.614    | ug/l   | 99       |
| 64) Tetrachloroethene        | 7.905          | 164  | 21046               | 2.118    | ug/l   | 96       |
| 65) Chlorobenzene            | 8.792          | 112  | 52027969m           | 1574.331 | ug/l   |          |
| 67) Ethyl Benzene            | 8.953          | 91   | 152525              | 3.049    | ug/l   | 99       |
| 68) m/p-Xylenes              | 9.075          | 106  | 82715               | 4.284    | ug/l   | 92       |
| 69) o-Xylene                 | 9.477          | 106  | 25960               | 1.519    | ug/l   | 93       |
| 73) Isopropylbenzene         | 9.863          | 105  | 37694               | 0.805    | ug/l   | 100      |
| 77) Bromobenzene             | 10.153         | 156  | 13631               | 1.122    | ug/l   | 96       |
| 79) 2-Chlorotoluene          | 10.352         | 91   | 152988              | 4.485    | ug/l   | 99       |
| 83) tert-Butylbenzene        | 10.792         | 119  | 25904               | 0.668    | ug/l   | 88       |
| 84) 1,2,4-Trimethylbenzene   | 10.847         | 105  | 21492               | 0.569    | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene      | 11.111         | 146  | 87249               | 3.550    | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene      | 11.194         | 146  | 1378381             | 51.115   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene      | 11.567         | 146  | 1853630             | 80.719   | ug/l   | 99       |
| 95) Naphthalene              | 13.442         | 128  | 18472               | 0.434    | ug/l # | 94       |
| -----                        |                |      |                     |          |        |          |

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

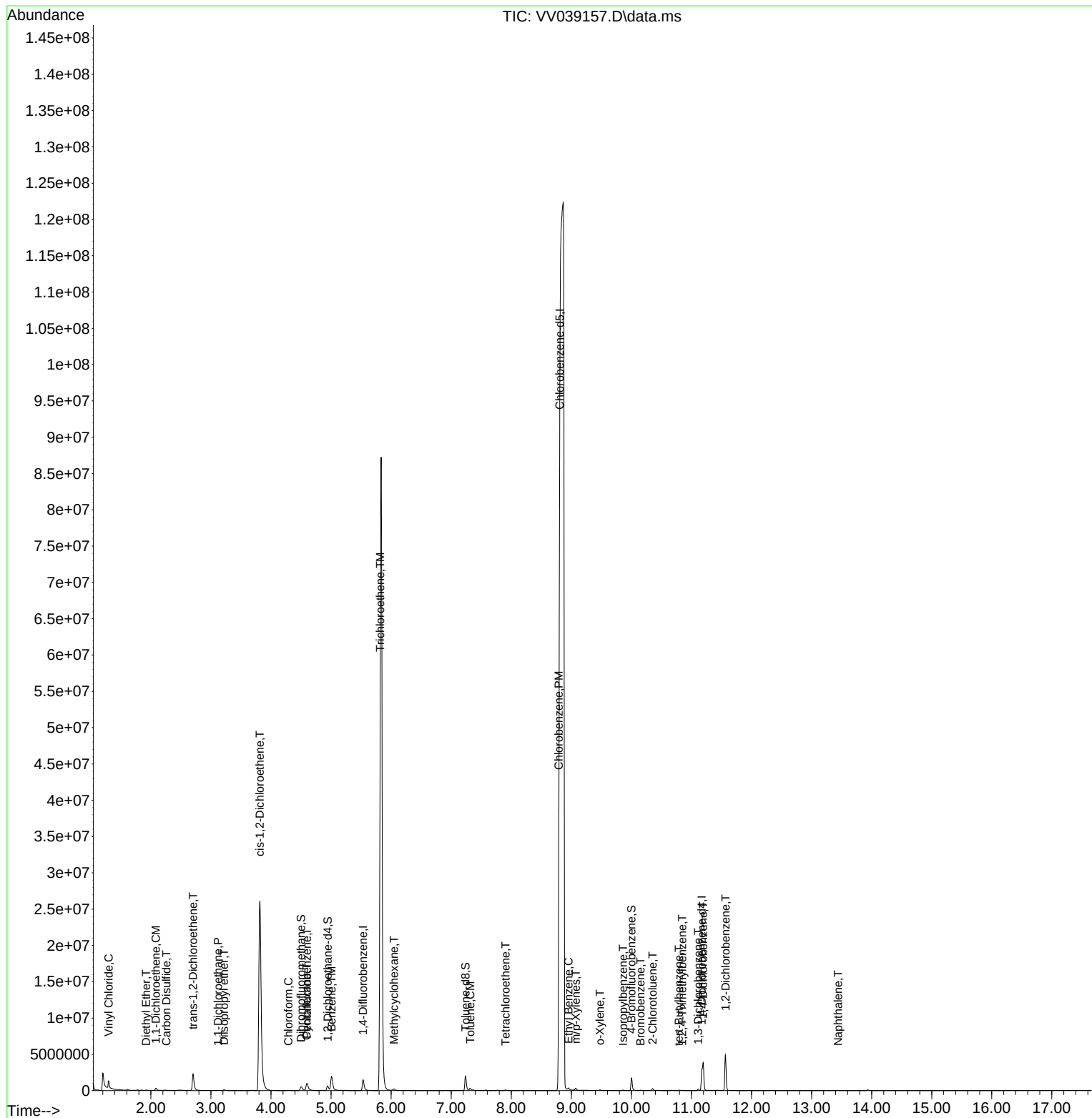
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039157.D  
Acq On : 24 Sep 2025 17:00  
Operator : SY/MD  
Sample : Q3172-01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 14 Sample Multiplier: 1

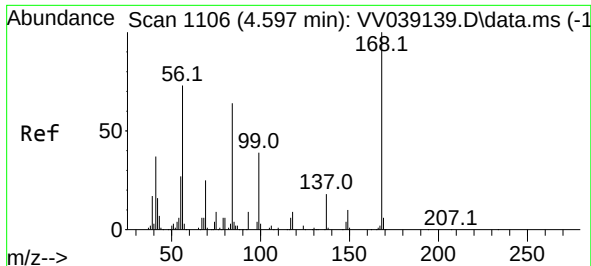
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025

Quant Time: Sep 25 08:19:09 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration





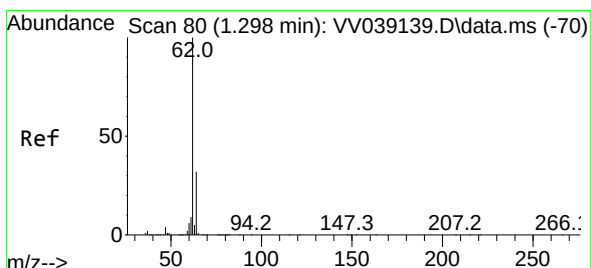
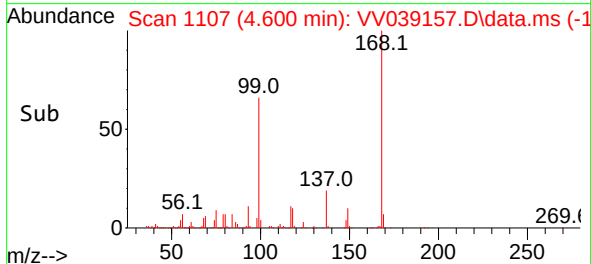
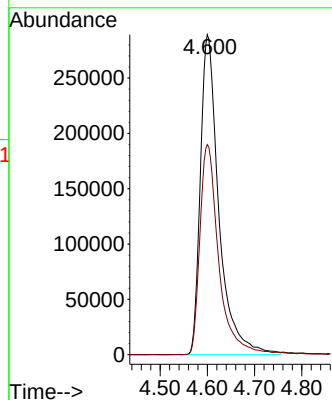
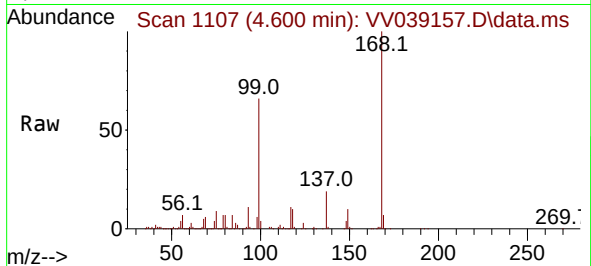
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 4.600 min Scan# 1106  
Delta R.T. 0.003 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

Instrument :  
MSVOA\_V  
ClientSampleId :  
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Tgt Ion:168 Resp: 784952  
Ion Ratio Lower Upper  
168 100  
99 65.6 49.6 74.4

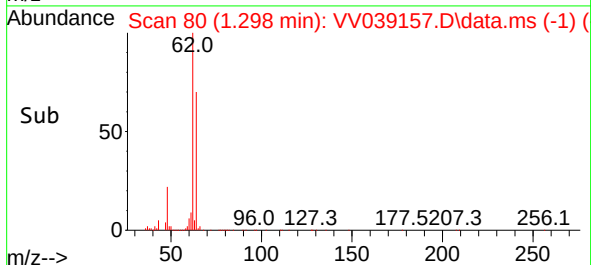
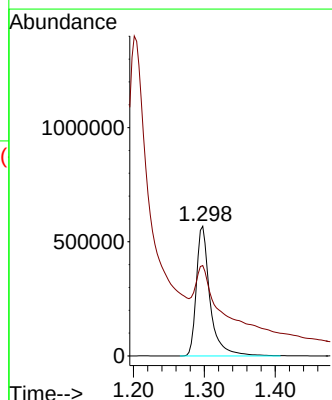
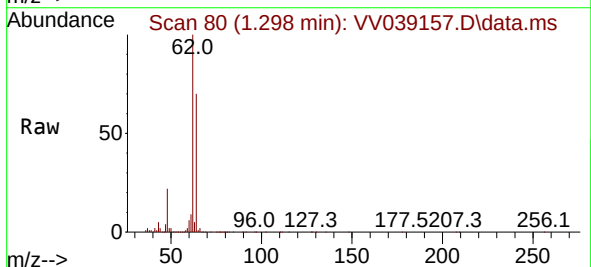
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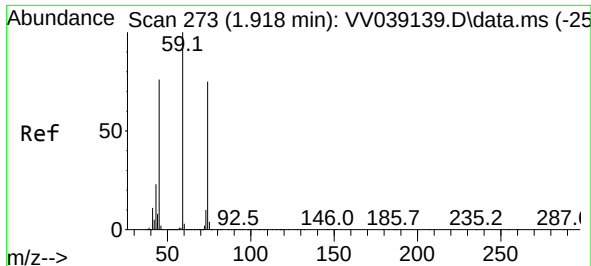
Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



#4  
Vinyl Chloride  
Concen: 53.498 ug/l  
RT: 1.298 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

Tgt Ion: 62 Resp: 763995  
Ion Ratio Lower Upper  
62 100  
64 52.2 25.6 38.4#





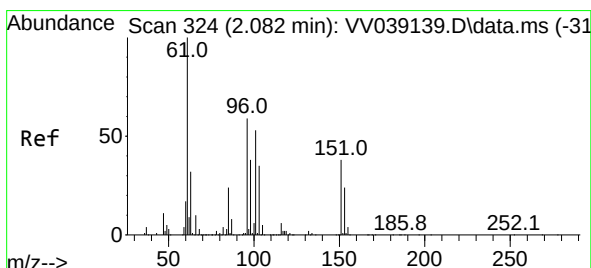
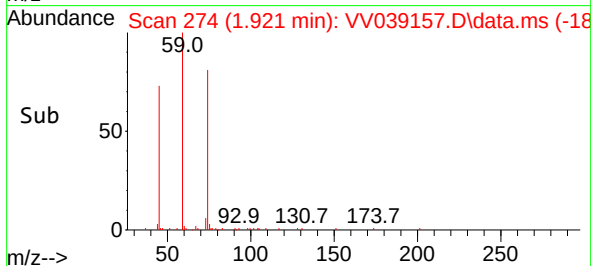
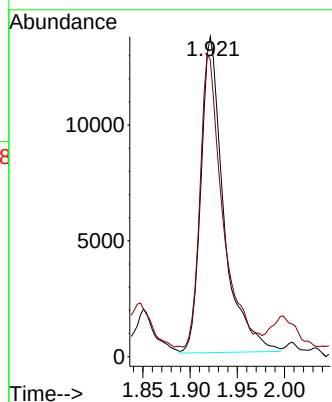
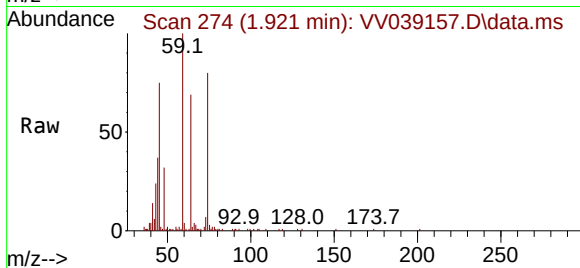
#8  
Diethyl Ether  
Concen: 2.980 ug/l  
RT: 1.921 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D

Tgt Ion: 74 Resp: 22870  
Ion Ratio Lower Upper  
74 100  
45 92.4 49.6 148.8

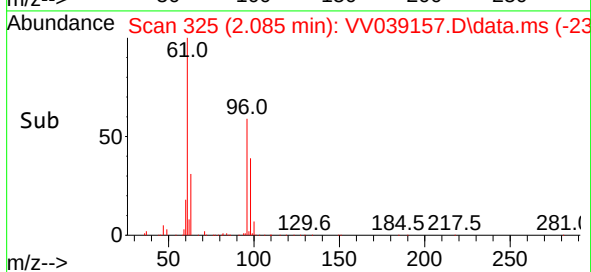
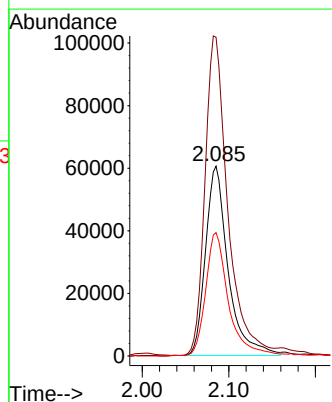
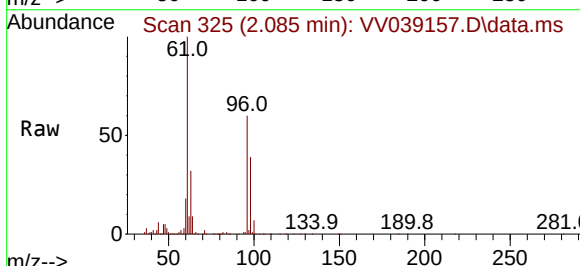
Manual Integrations  
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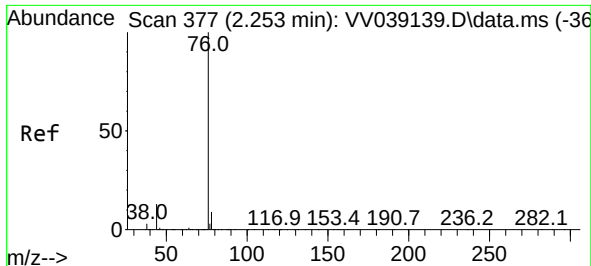
Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



#12  
1,1-Dichloroethene  
Concen: 9.291 ug/l  
RT: 2.085 min Scan# 325  
Delta R.T. 0.003 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

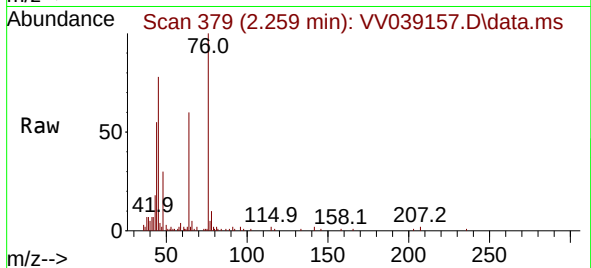
Tgt Ion: 96 Resp: 109964  
Ion Ratio Lower Upper  
96 100  
61 168.0 136.0 204.0  
98 64.9 51.0 76.6





#17  
Carbon Disulfide  
Concen: 0.940 ug/l  
RT: 2.259 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

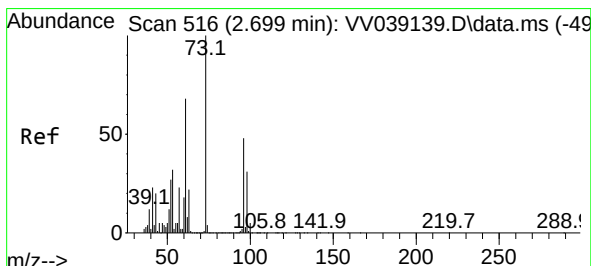
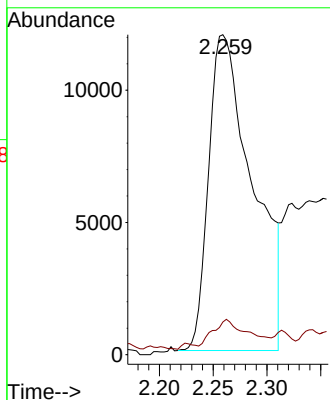
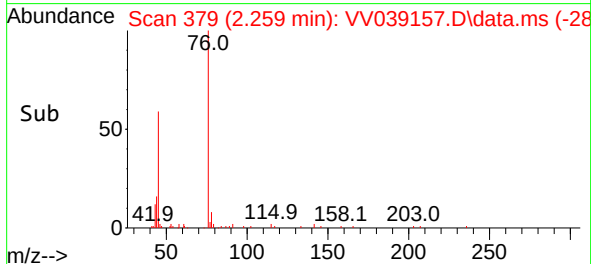
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D



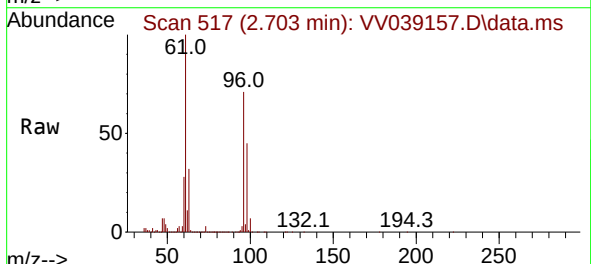
Tgt Ion: 76 Resp: 3403  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.4 11.0

Manual Integrations  
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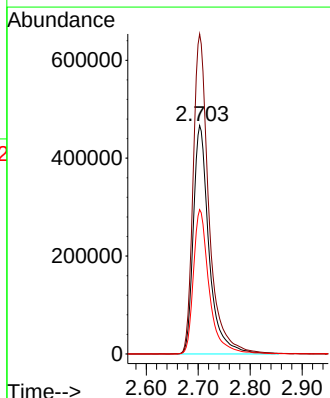
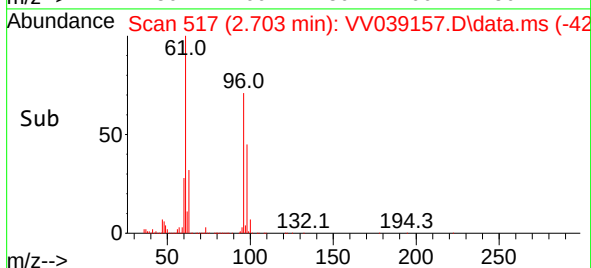
Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025

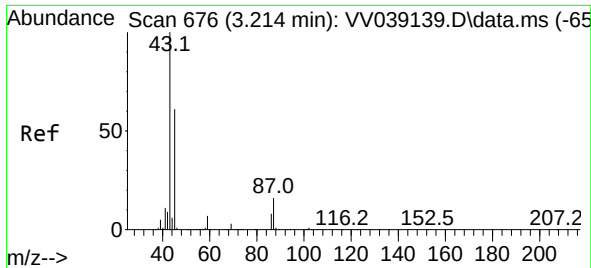


#21  
trans-1,2-Dichloroethene  
Concen: 77.701 ug/l  
RT: 2.703 min Scan# 517  
Delta R.T. 0.003 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00



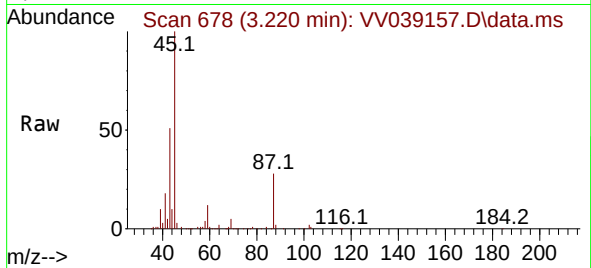
Tgt Ion: 96 Resp: 978973  
Ion Ratio Lower Upper  
96 100  
61 140.0 112.8 169.2  
98 63.1 51.1 76.7





#22  
Diisopropyl ether  
Concen: 2.820 ug/l  
RT: 3.220 min Scan# 614  
Delta R.T. 0.006 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

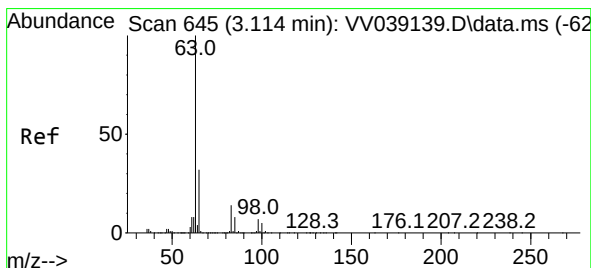
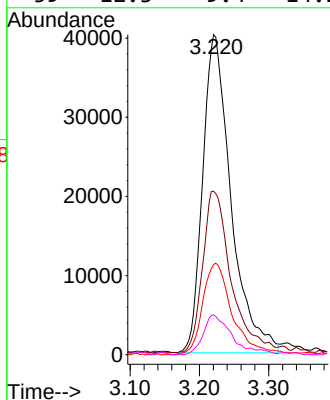
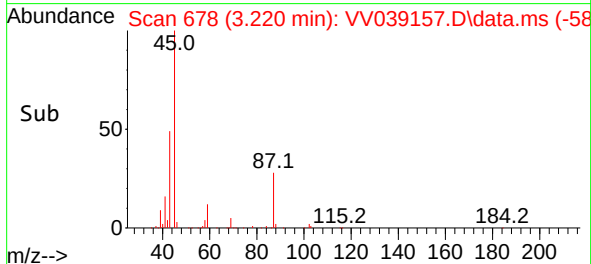
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D



Tgt Ion: 45 Resp: 114080  
Ion Ratio Lower Upper  
45 100  
43 50.8 130.9 196.3  
87 28.1 21.1 31.7  
59 12.3 9.4 14.2

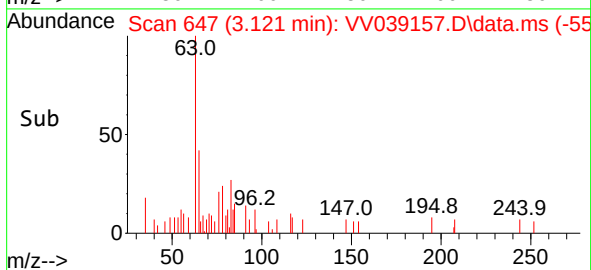
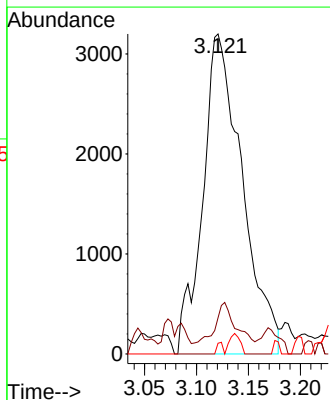
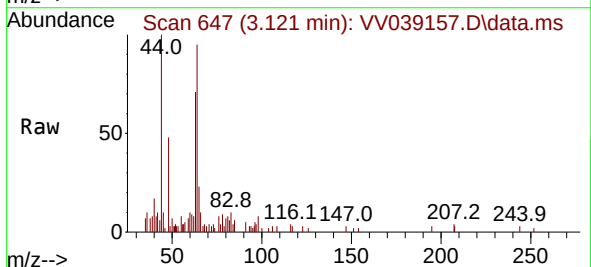
Manual Integrations  
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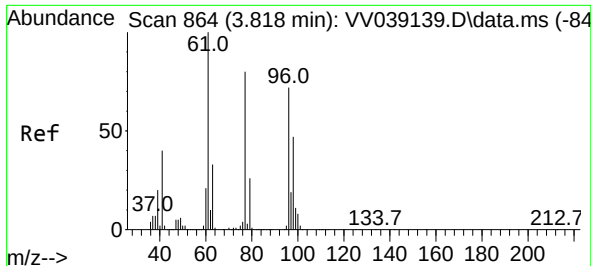
Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



#24  
1,1-Dichloroethane  
Concen: 0.341 ug/l  
RT: 3.121 min Scan# 647  
Delta R.T. 0.006 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

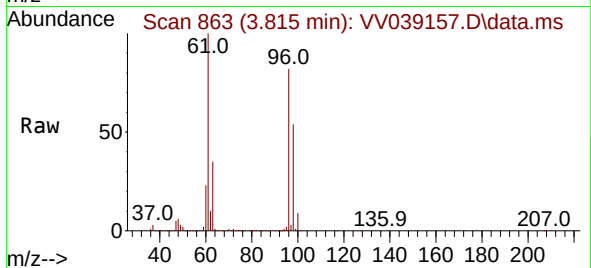
Tgt Ion: 63 Resp: 8430  
Ion Ratio Lower Upper  
63 100  
98 6.2 3.4 10.2  
100 3.4 2.2 6.6





#27  
cis-1,2-Dichloroethene  
Concen: 1219.054 ug/l  
RT: 3.815 min Scan# 80  
Delta R.T. -0.003 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

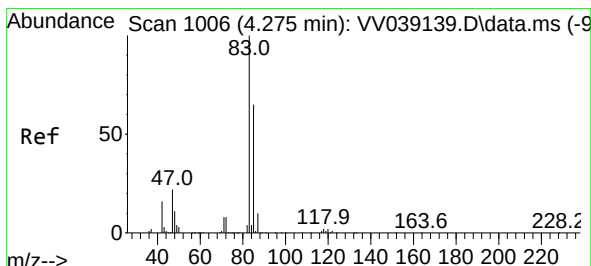
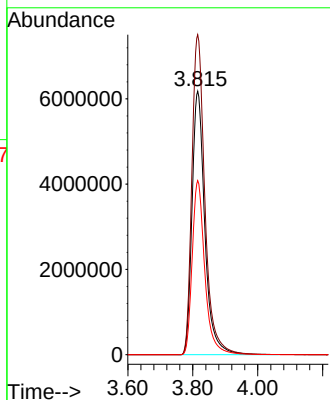
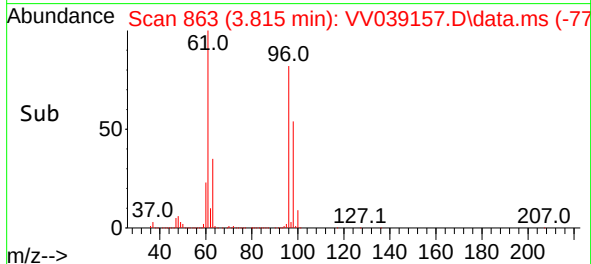
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D



Tgt Ion: 96 Resp:16939500  
Ion Ratio Lower Upper  
96 100  
61 123.6 0.0 286.4  
98 65.2 0.0 126.6

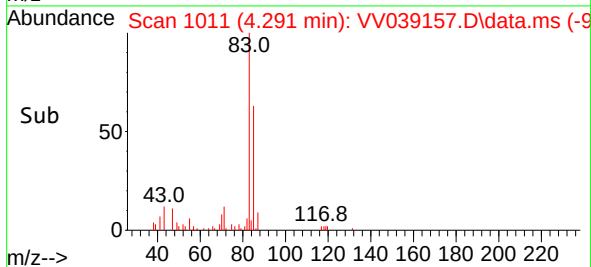
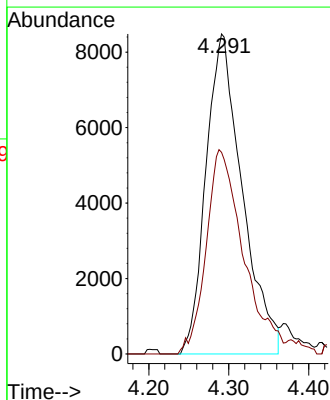
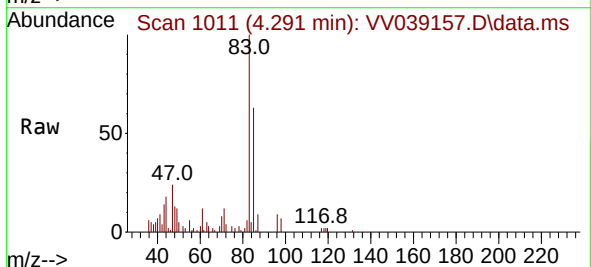
Manual Integrations  
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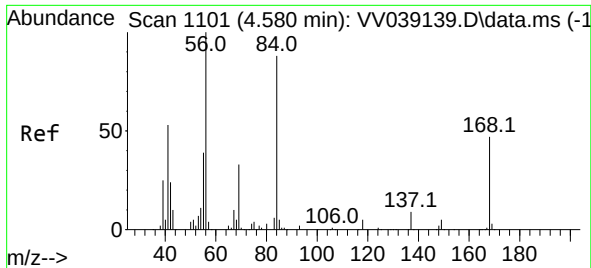
Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



#30  
Chloroform  
Concen: 1.033 ug/l  
RT: 4.291 min Scan# 1011  
Delta R.T. 0.016 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

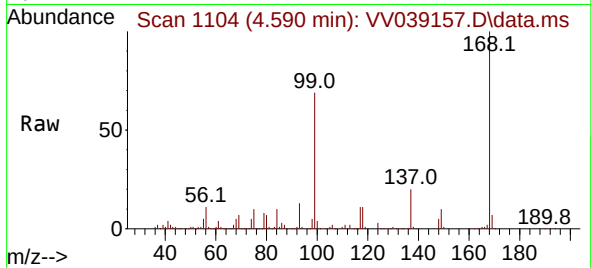
Tgt Ion: 83 Resp: 26684  
Ion Ratio Lower Upper  
83 100  
85 63.0 52.1 78.1





#31  
Cyclohexane  
Concen: 3.336 ug/l  
RT: 4.590 min Scan# 1101  
Delta R.T. 0.010 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

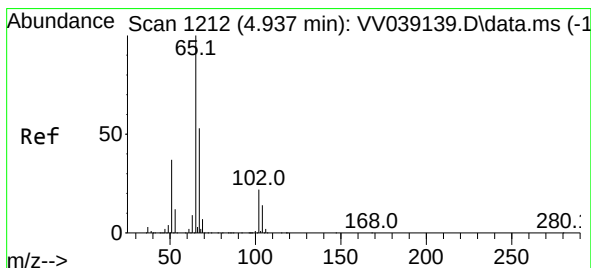
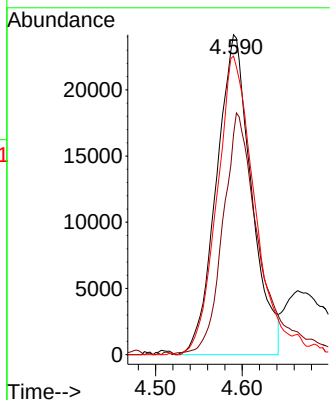
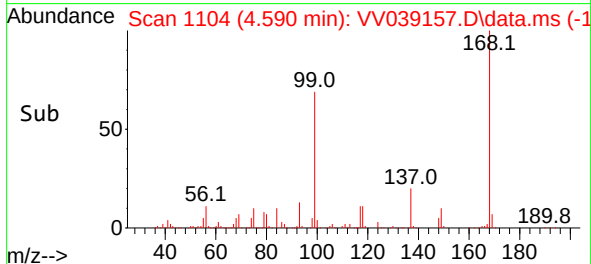
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D



Tgt Ion: 56 Resp: 67600  
Ion Ratio Lower Upper  
56 100  
69 68.3 26.2 39.2  
84 93.3 70.3 105.5

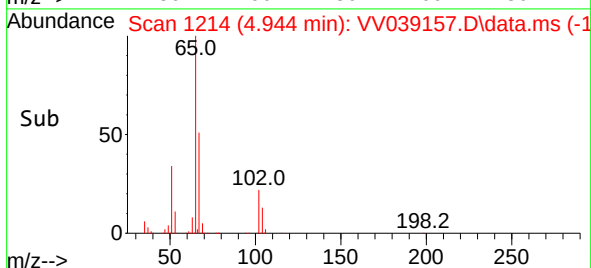
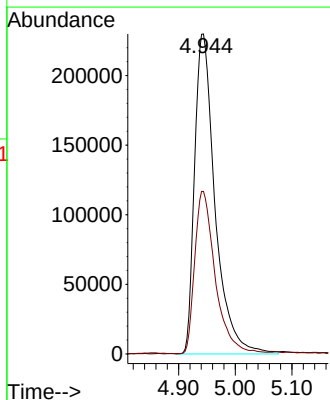
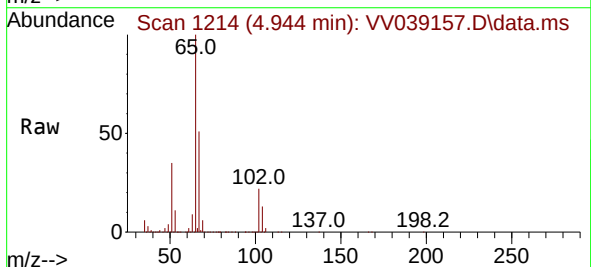
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Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025

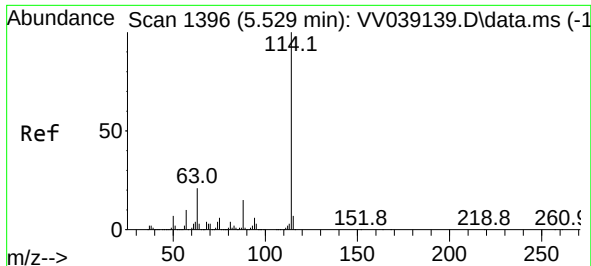


#33  
1,2-Dichloroethane-d4  
Concen: 50.841 ug/l  
RT: 4.944 min Scan# 1214  
Delta R.T. 0.006 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

Tgt Ion: 65 Resp: 577583  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 107.0







#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Instrument :

MSVOA\_V

ClientSampleId :

FW7D

Tgt Ion:114 Resp: 145302

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

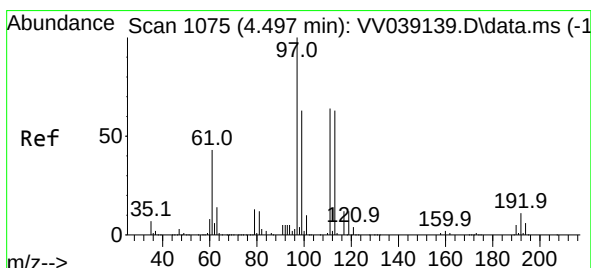
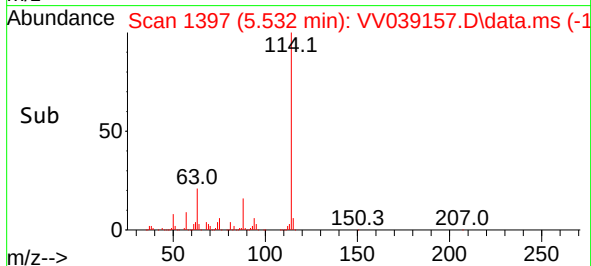
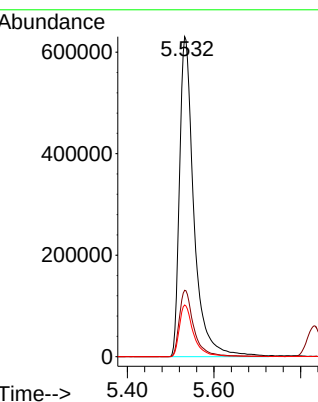
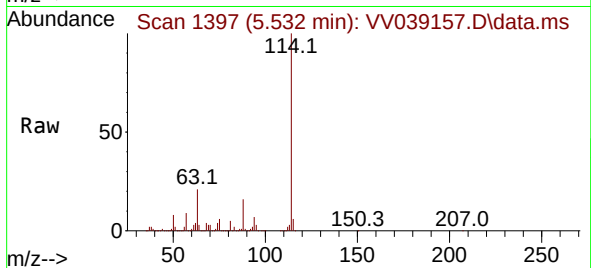
88 16.2 0.0 30.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#35

Dibromofluoromethane

Concen: 39.022 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

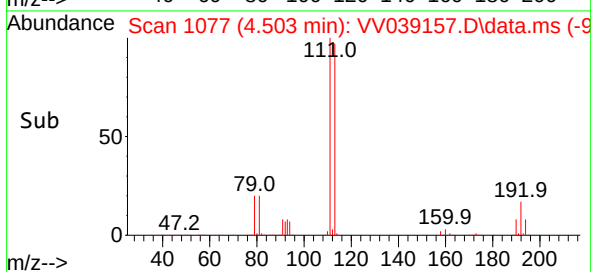
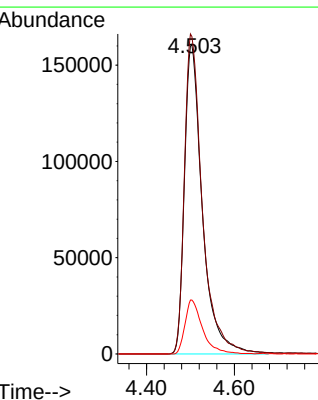
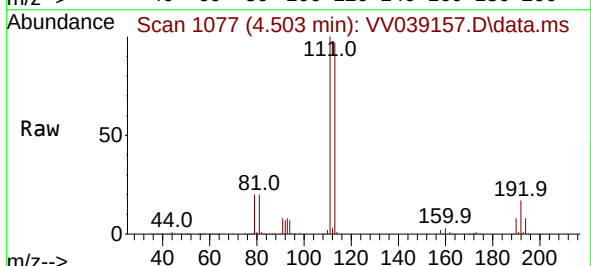
Tgt Ion:113 Resp: 455826

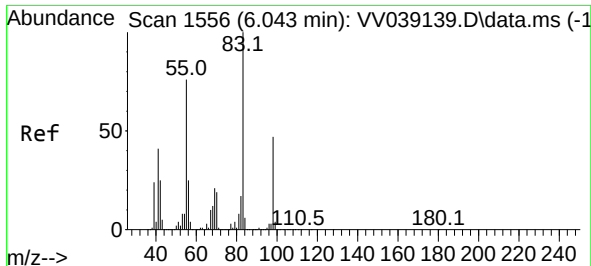
Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

192 17.1 13.8 20.8





#39

Methylcyclohexane

Concen: 4.225 ug/l

RT: 6.050 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Instrument :

MSVOA\_V

ClientSampleId :

FW7D

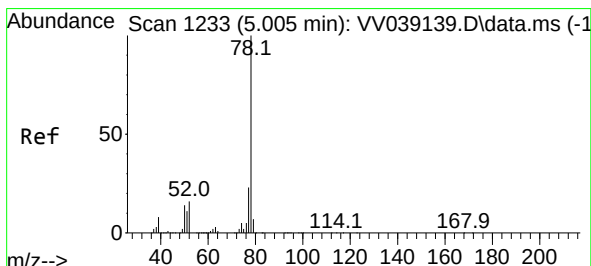
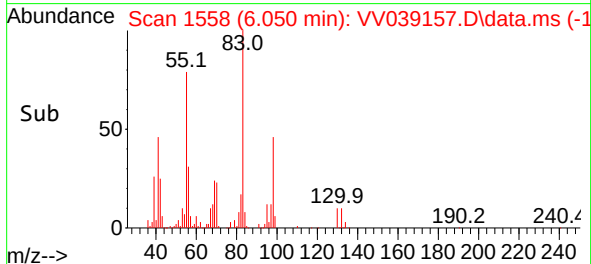
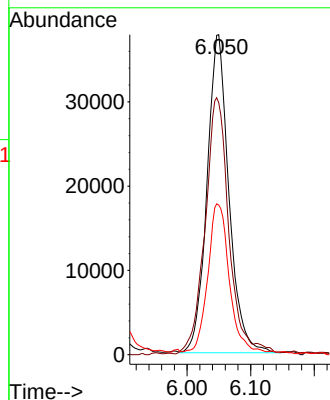
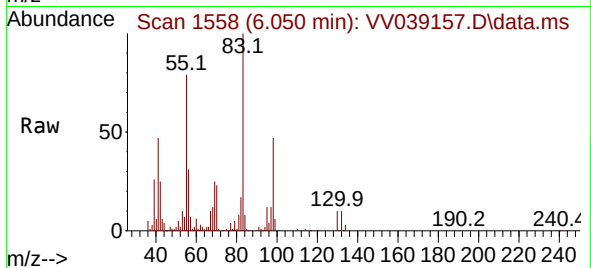
Tgt Ion: 83 Resp: 9011

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 78.4  | 60.5  | 90.7  |
| 98  | 46.2  | 37.8  | 56.6  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



#40

Benzene

Concen: 39.223 ug/l

RT: 5.008 min Scan# 1234

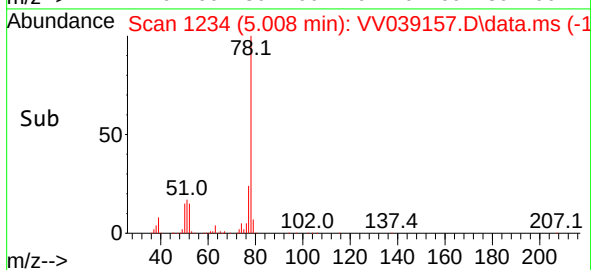
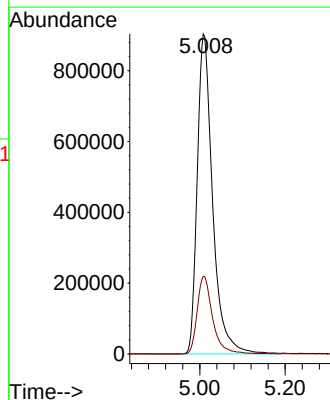
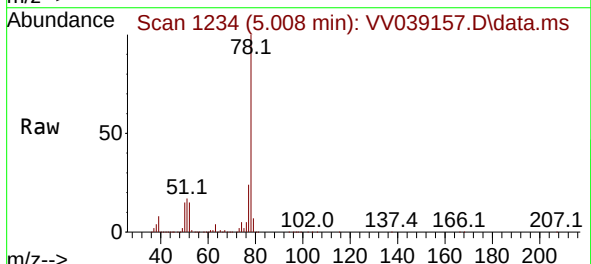
Delta R.T. 0.003 min

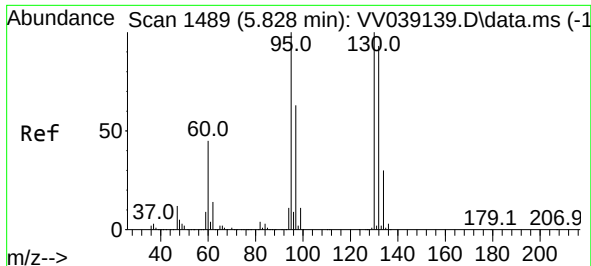
Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Tgt Ion: 78 Resp: 2255720

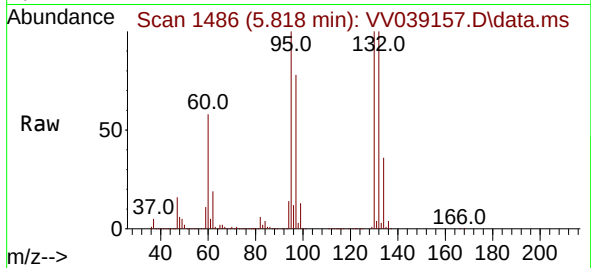
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.2  | 18.7  | 28.1  |





#44  
Trichloroethene  
Concen: 1943.227 ug/l m  
RT: 5.818 min Scan# 1489  
Delta R.T. -0.010 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

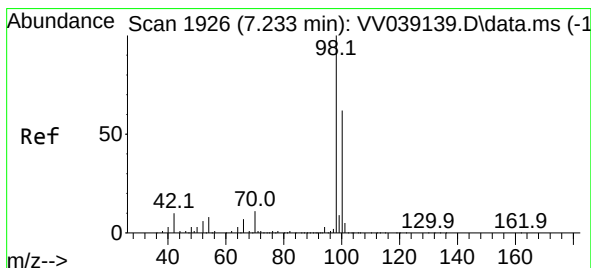
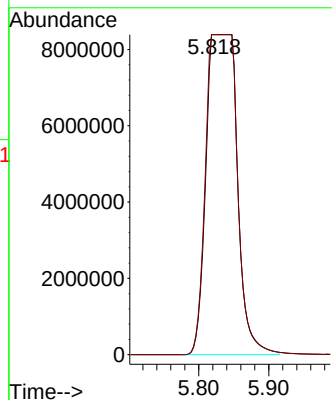
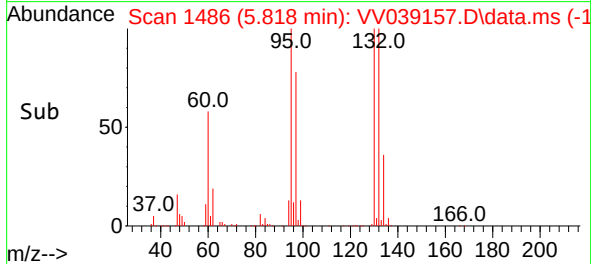
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D



Tgt Ion:130 Resp:2578779  
Ion Ratio Lower Upper  
130 100  
95 100.0 0.0 199.2

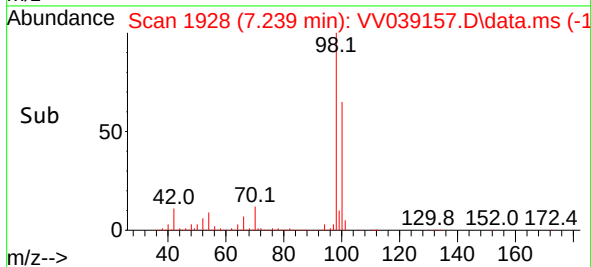
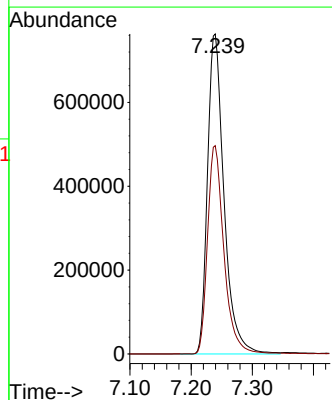
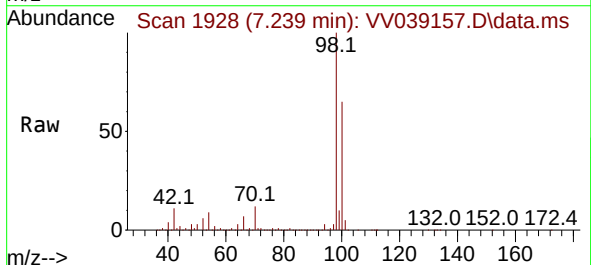
Manual Integrations  
APPROVED

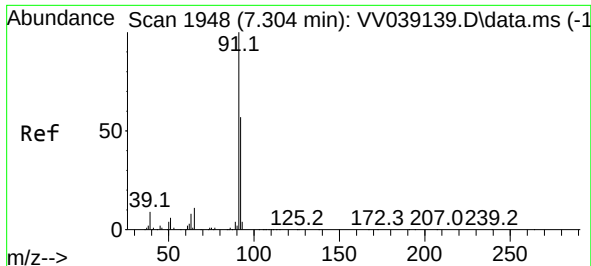
Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



#50  
Toluene-d8  
Concen: 41.648 ug/l  
RT: 7.239 min Scan# 1928  
Delta R.T. 0.006 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

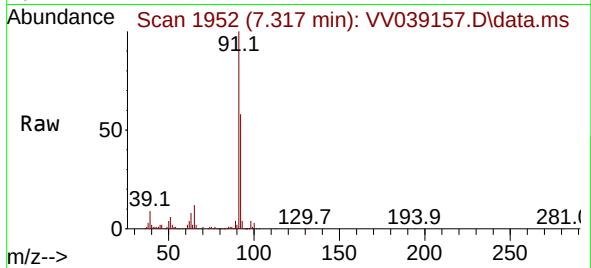
Tgt Ion: 98 Resp: 1428833  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.2 78.2





#52  
Toluene  
Concen: 4.614 ug/l  
RT: 7.317 min Scan# 1948  
Delta R.T. 0.013 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

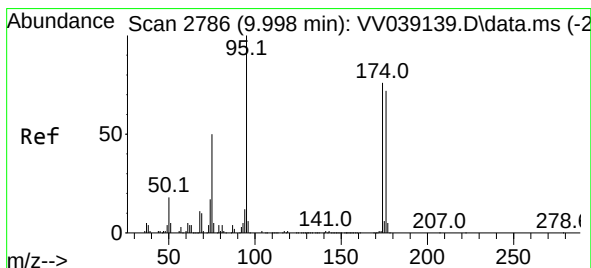
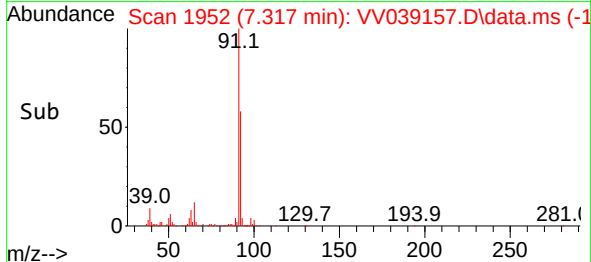
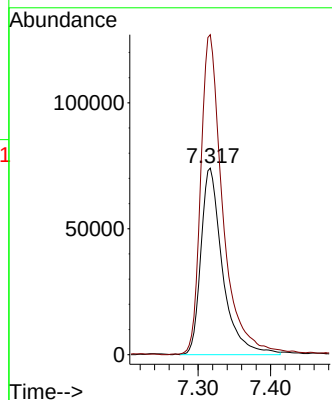
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D



Tgt Ion: 92 Resp: 15385  
Ion Ratio Lower Upper  
92 100  
91 174.8 139.2 208.8

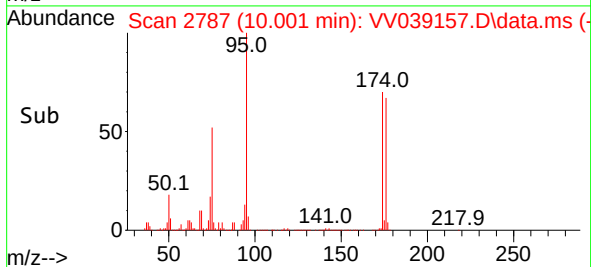
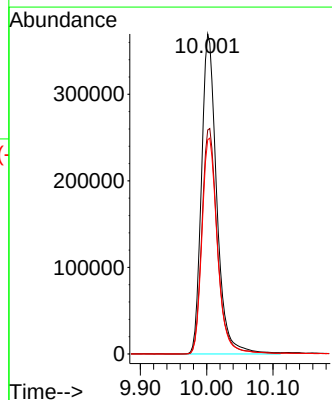
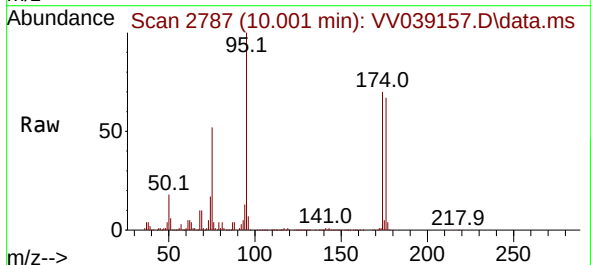
Manual Integrations  
APPROVED

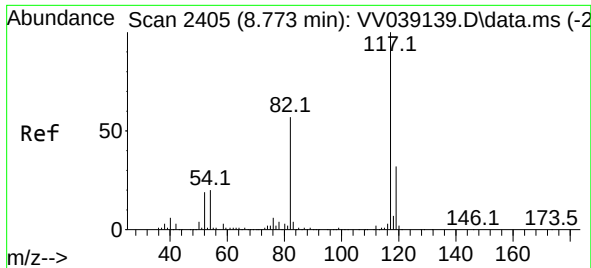
Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



#62  
4-Bromofluorobenzene  
Concen: 41.746 ug/l  
RT: 10.001 min Scan# 2787  
Delta R.T. 0.003 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

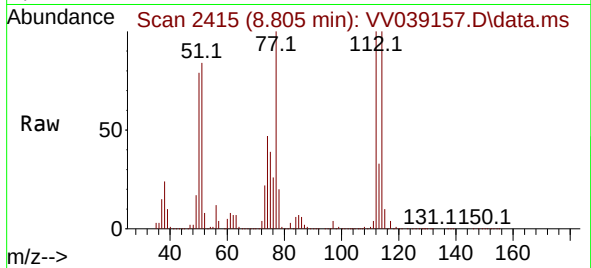
Tgt Ion: 95 Resp: 589602  
Ion Ratio Lower Upper  
95 100  
174 71.8 0.0 150.4  
176 68.6 0.0 144.2





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 8.805 min Scan# 2405  
Delta R.T. 0.032 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

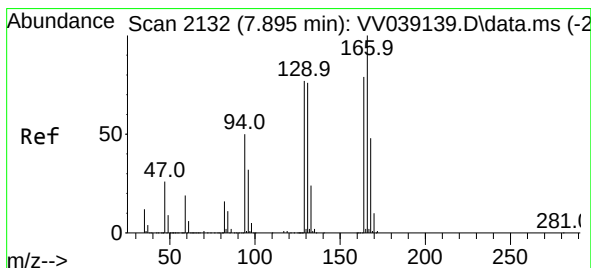
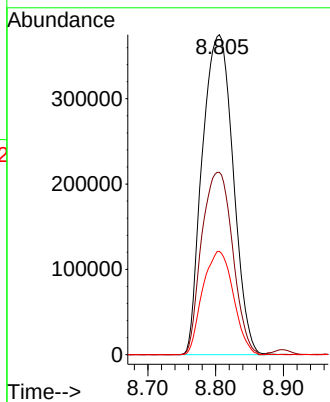
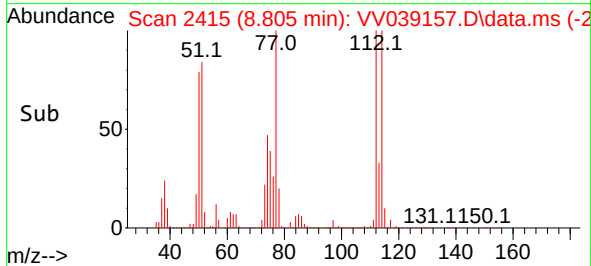
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D



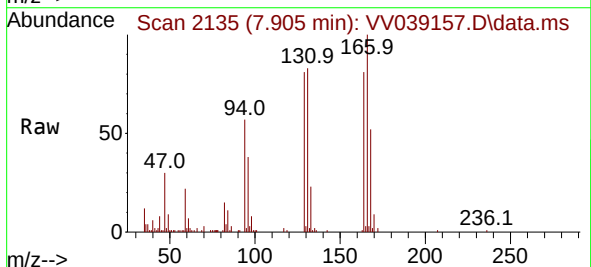
Tgt Ion:117 Resp: 118644  
Ion Ratio Lower Upper  
117 100  
82 57.0 45.4 68.2  
119 32.3 25.6 38.4

Manual Integrations  
APPROVED

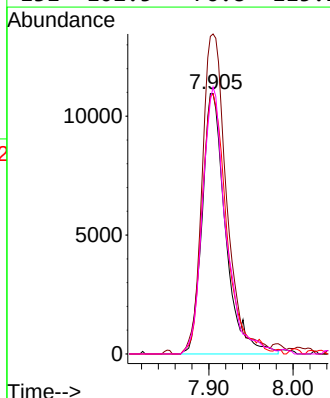
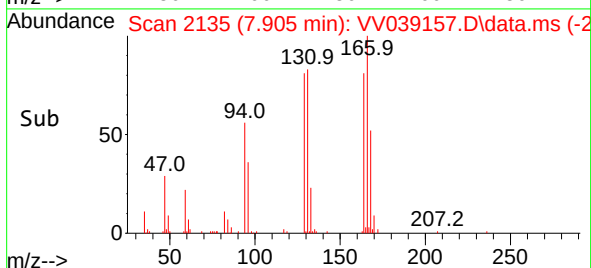
Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025

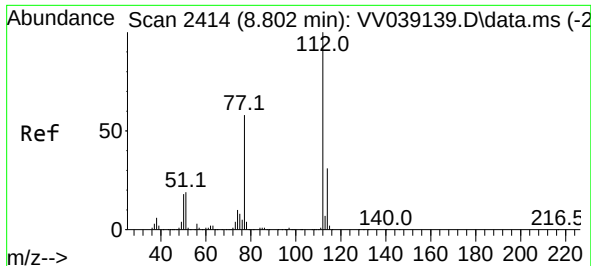


#64  
Tetrachloroethene  
Concen: 2.118 ug/l  
RT: 7.905 min Scan# 2135  
Delta R.T. 0.010 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00



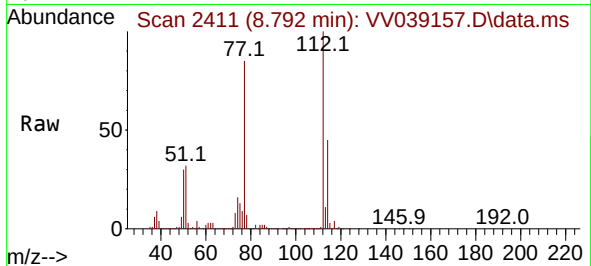
Tgt Ion:164 Resp: 21046  
Ion Ratio Lower Upper  
164 100  
166 122.9 101.6 152.4  
129 99.8 78.5 117.7  
131 102.5 76.8 115.2





#65  
Chlorobenzene  
Concen: 1574.331 ug/l m  
RT: 8.792 min Scan# 2414  
Delta R.T. -0.010 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

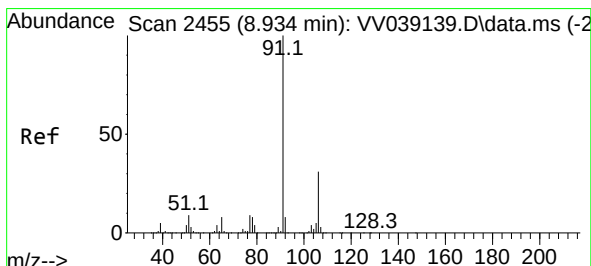
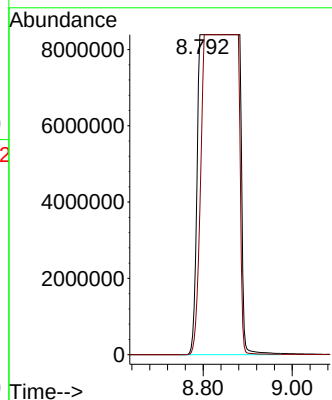
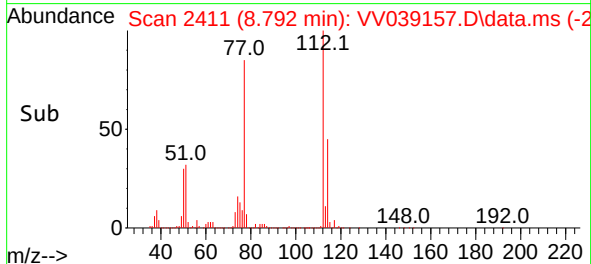
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D



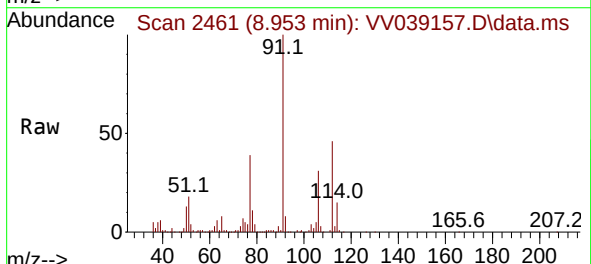
Tgt Ion:112 Resp:5202796  
Ion Ratio Lower Upper  
112 100  
114 45.4 24.6 37.0

Manual Integrations  
APPROVED

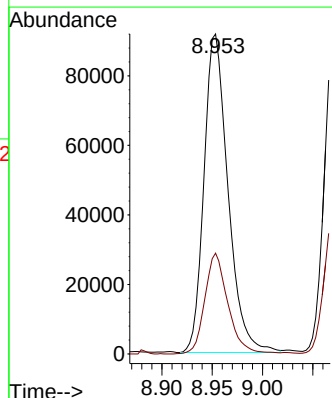
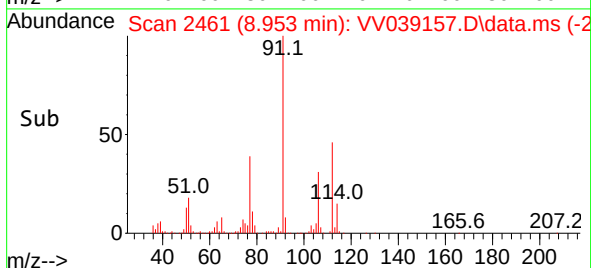
Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025

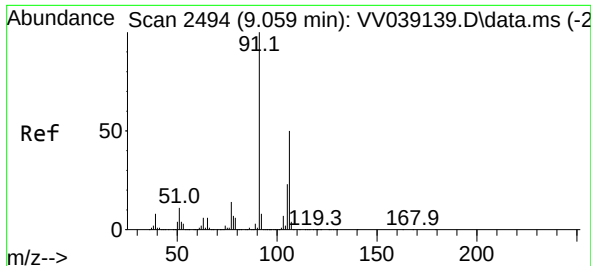


#67  
Ethyl Benzene  
Concen: 3.049 ug/l  
RT: 8.953 min Scan# 2461  
Delta R.T. 0.019 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00



Tgt Ion: 91 Resp: 152525  
Ion Ratio Lower Upper  
91 100  
106 31.5 24.6 37.0





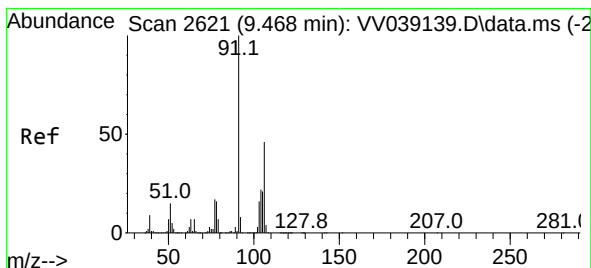
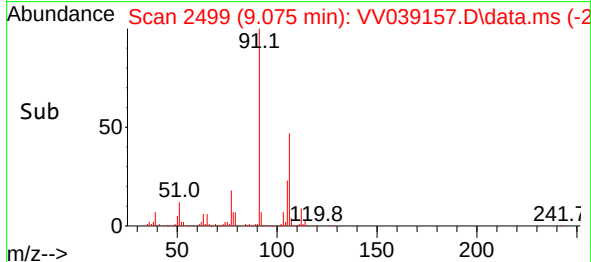
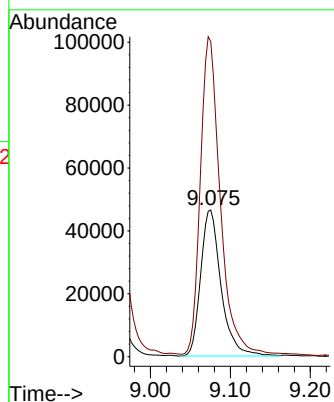
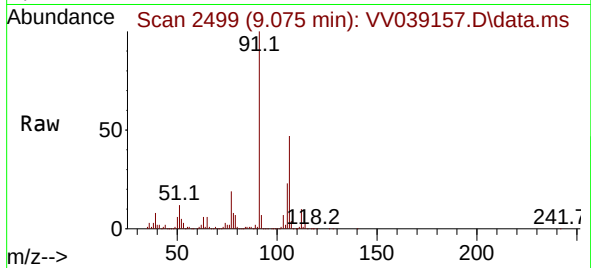
#68  
m/p-Xylenes  
Concen: 4.284 ug/l  
RT: 9.075 min Scan# 2499  
Delta R.T. 0.016 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D

Tgt Ion:106 Resp: 82715  
Ion Ratio Lower Upper  
106 100  
91 214.6 162.5 243.7

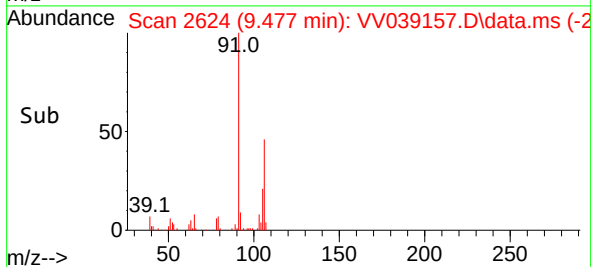
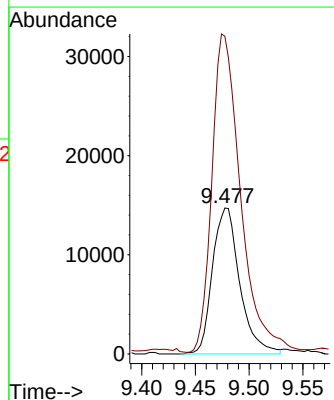
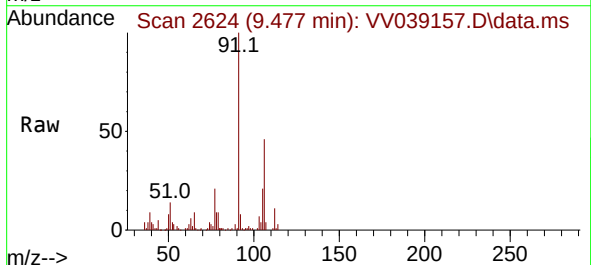
Manual Integrations  
APPROVED

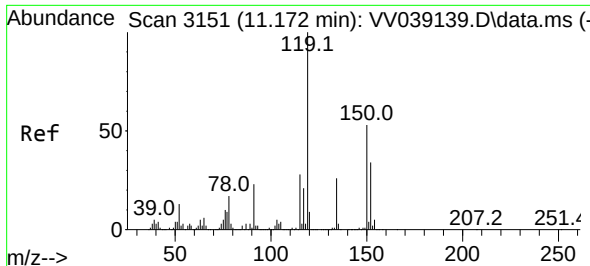
Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



#69  
o-Xylene  
Concen: 1.519 ug/l  
RT: 9.477 min Scan# 2624  
Delta R.T. 0.010 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

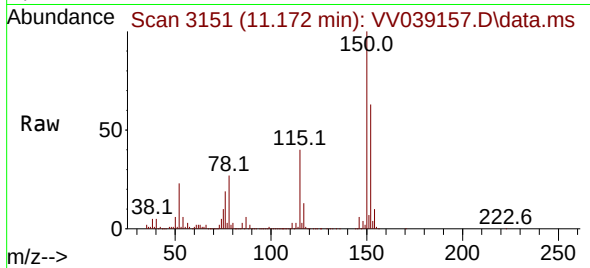
Tgt Ion:106 Resp: 25960  
Ion Ratio Lower Upper  
106 100  
91 230.1 109.1 327.3





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.172 min Scan# 3151  
Delta R.T. -0.000 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

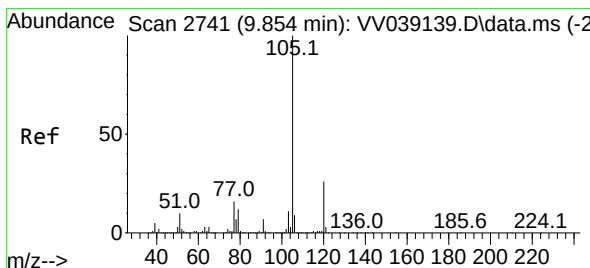
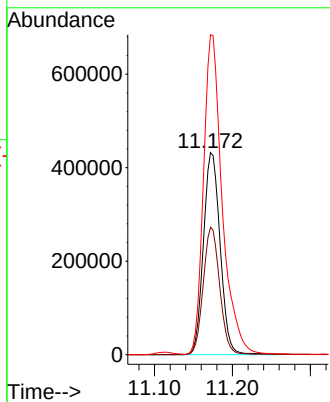
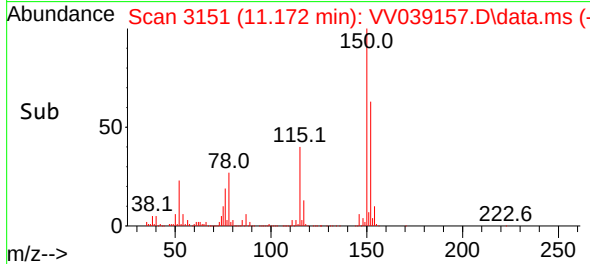
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D



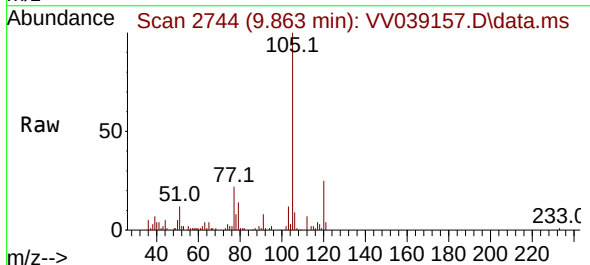
Tgt Ion:152 Resp: 645392  
Ion Ratio Lower Upper  
152 100  
115 62.1 44.8 134.4  
150 176.6 0.0 353.8

Manual Integrations  
APPROVED

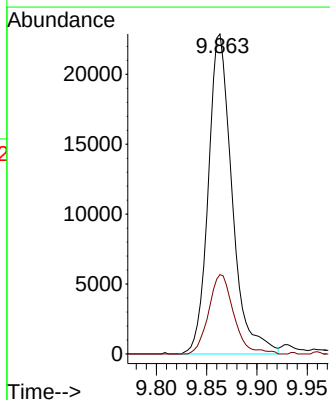
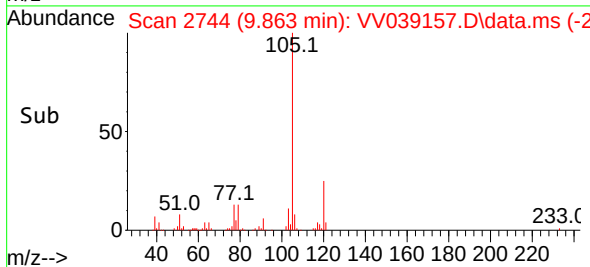
Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



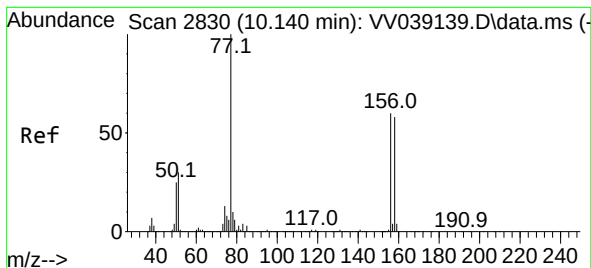
#73  
Isopropylbenzene  
Concen: 0.805 ug/l  
RT: 9.863 min Scan# 2744  
Delta R.T. 0.010 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00



Tgt Ion:105 Resp: 37694  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.1 39.1







#77

Bromobenzene

Concen: 1.122 ug/l

RT: 10.153 min Scan# 2834

Delta R.T. 0.013 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Instrument :

MSVOA\_V

ClientSampleId :

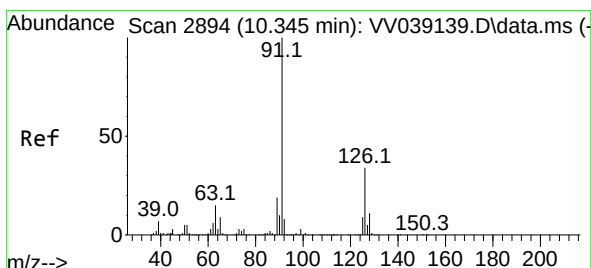
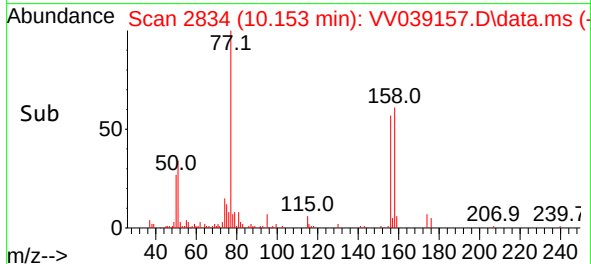
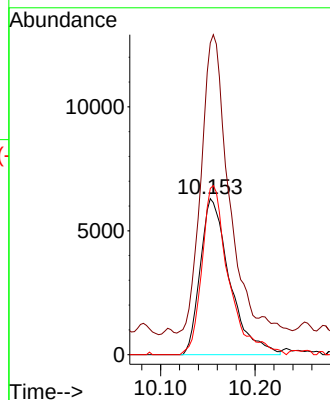
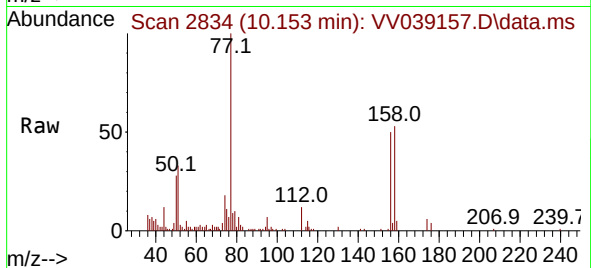
FW7D

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 1363  |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 174.6 | 83.4  | 250.1 |
| 158       | 98.2  | 48.8  | 146.4 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



#79

2-Chlorotoluene

Concen: 4.485 ug/l

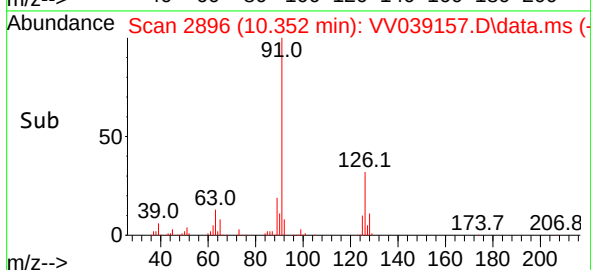
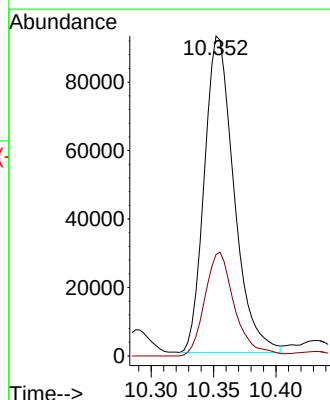
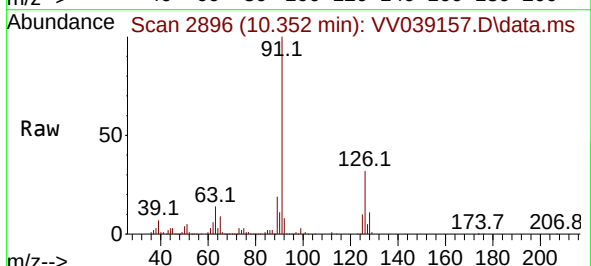
RT: 10.352 min Scan# 2896

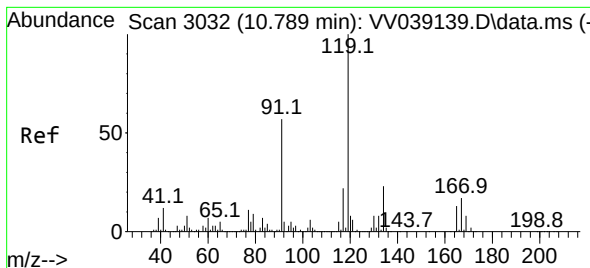
Delta R.T. 0.006 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 152988 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 32.8  | 16.7  | 50.0   |





#83

tert-Butylbenzene

Concen: 0.668 ug/l

RT: 10.792 min Scan# 3032

Delta R.T. 0.003 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Instrument :

MSVOA\_V

ClientSampleId :

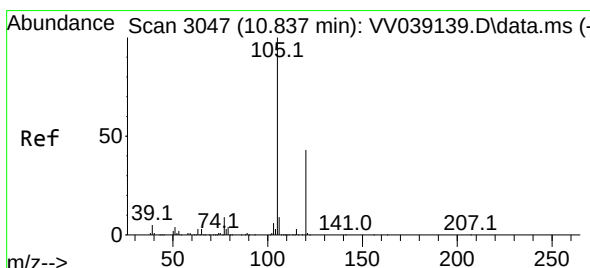
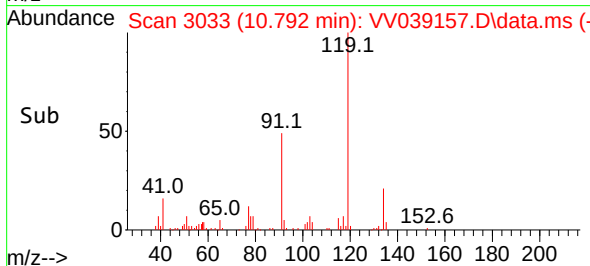
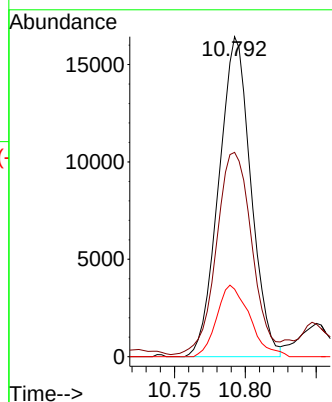
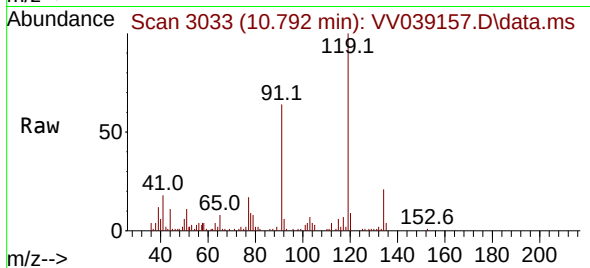
FW7D

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 119   | Resp: | 25904 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 69.7  | 28.5  | 85.6  |
| 134       | 22.9  | 11.5  | 34.4  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



#84

1,2,4-Trimethylbenzene

Concen: 0.569 ug/l

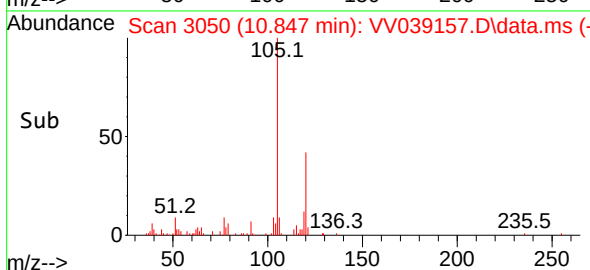
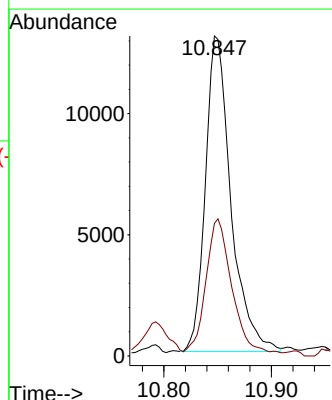
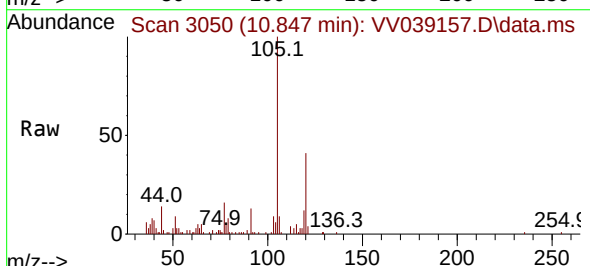
RT: 10.847 min Scan# 3050

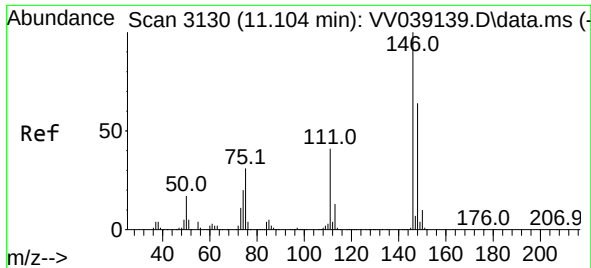
Delta R.T. 0.010 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 21492 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 45.6  | 22.4  | 67.2  |





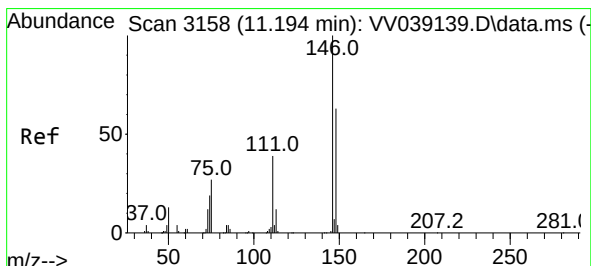
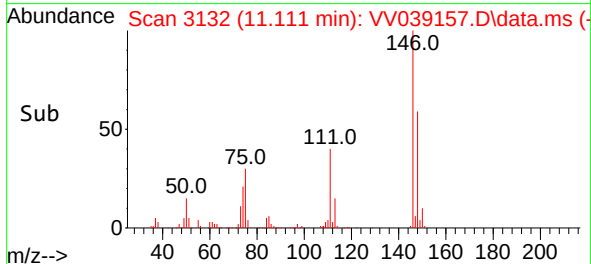
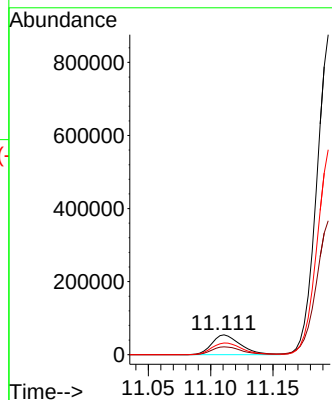
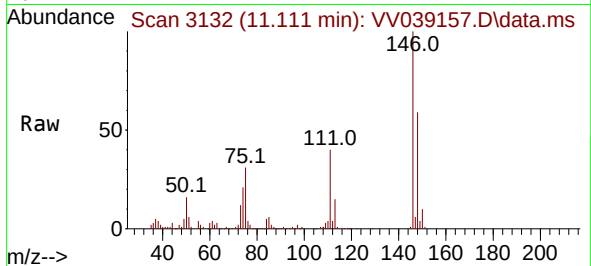
#87  
1,3-Dichlorobenzene  
Concen: 3.550 ug/l  
RT: 11.111 min Scan# 3132  
Delta R.T. 0.006 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D

Tgt Ion:146 Resp: 87249  
Ion Ratio Lower Upper  
146 100  
111 41.7 20.9 62.8  
148 62.4 31.8 95.3

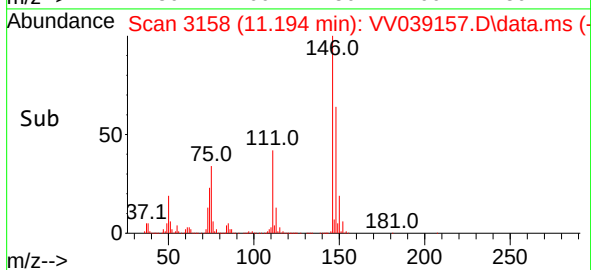
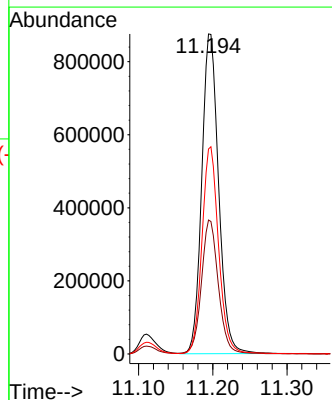
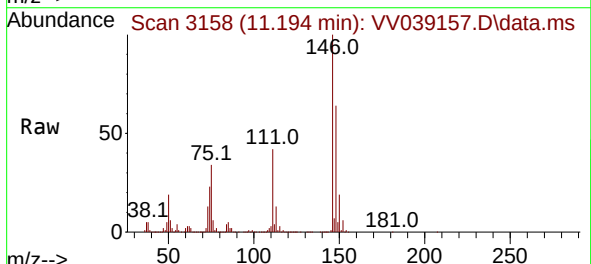
Manual Integrations  
APPROVED

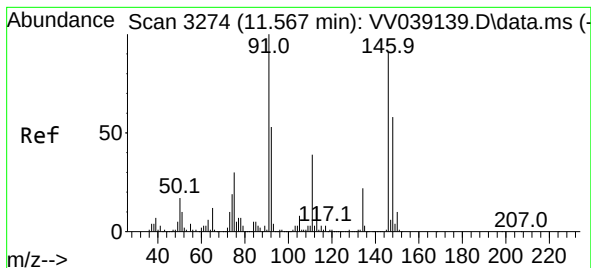
Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



#88  
1,4-Dichlorobenzene  
Concen: 51.115 ug/l  
RT: 11.194 min Scan# 3158  
Delta R.T. -0.000 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

Tgt Ion:146 Resp: 1378381  
Ion Ratio Lower Upper  
146 100  
111 42.0 20.3 60.8  
148 63.8 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 80.719 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Instrument :

MSVOA\_V

ClientSampleId :

FW7D

Tgt Ion:146 Resp: 1853630

Ion Ratio Lower Upper

146 100

111 44.5 21.5 64.5

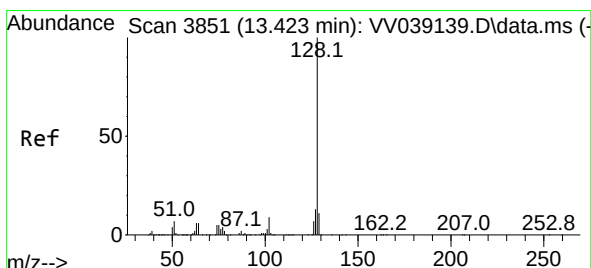
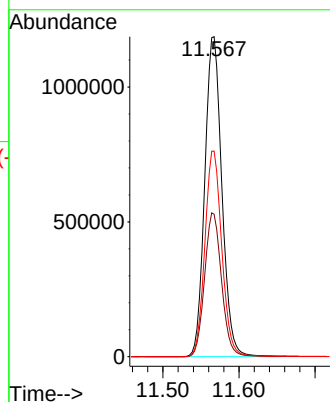
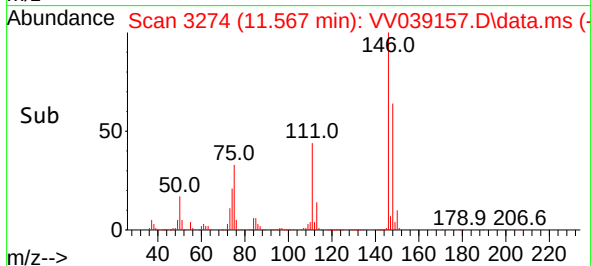
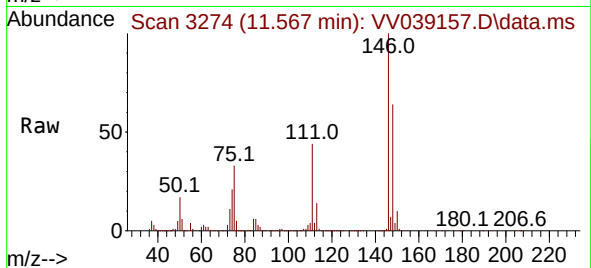
148 63.6 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#95

Naphthalene

Concen: 0.434 ug/l

RT: 13.442 min Scan# 3857

Delta R.T. 0.019 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Tgt Ion:128 Resp: 18472

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 6.4 8.6 13.0#

