

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092625\  
 Data File : VV039209.D  
 Acq On : 26 Sep 2025 13:51  
 Operator : SY/MD  
 Sample : Q3195-06  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MW-19D-092225

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025  
 Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 27 02:55:51 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        | 4.603          | 168  | 344932               | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 5.535          | 114  | 614959               | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 8.776          | 117  | 627934               | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.175         | 152  | 291769               | 50.000 | ug/l   | 0.00     |
|                              |                |      |                      |        |        |          |
| System Monitoring Compounds  |                |      |                      |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 4.944          | 65   | 308774               | 61.851 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 81 - 118 |      | Recovery = 123.700%# |        |        |          |
| 35) Dibromofluoromethane     | 4.503          | 113  | 284583               | 57.564 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 80 - 119 |      | Recovery = 115.120%  |        |        |          |
| 50) Toluene-d8               | 7.240          | 98   | 686292               | 47.266 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 89 - 112 |      | Recovery = 94.540%   |        |        |          |
| 62) 4-Bromofluorobenzene     | 10.002         | 95   | 261604               | 43.765 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 85 - 114 |      | Recovery = 87.540%   |        |        |          |
|                              |                |      |                      |        |        |          |
| Target Compounds             |                |      |                      |        |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.121          | 85   | 32529                | 5.957  | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.082          | 101  | 41397                | 7.658  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 3.847          | 96   | 3033m                | 0.497  | ug/l   |          |
| 30) Chloroform               | 4.291          | 83   | 7336                 | 0.646  | ug/l   | 98       |
| 44) Trichloroethene          | 5.847          | 130  | 18064                | 3.216  | ug/l   | 93       |
| 64) Tetrachloroethene        | 7.908          | 164  | 1575                 | 0.299  | ug/l # | 74       |
| -----                        |                |      |                      |        |        |          |

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

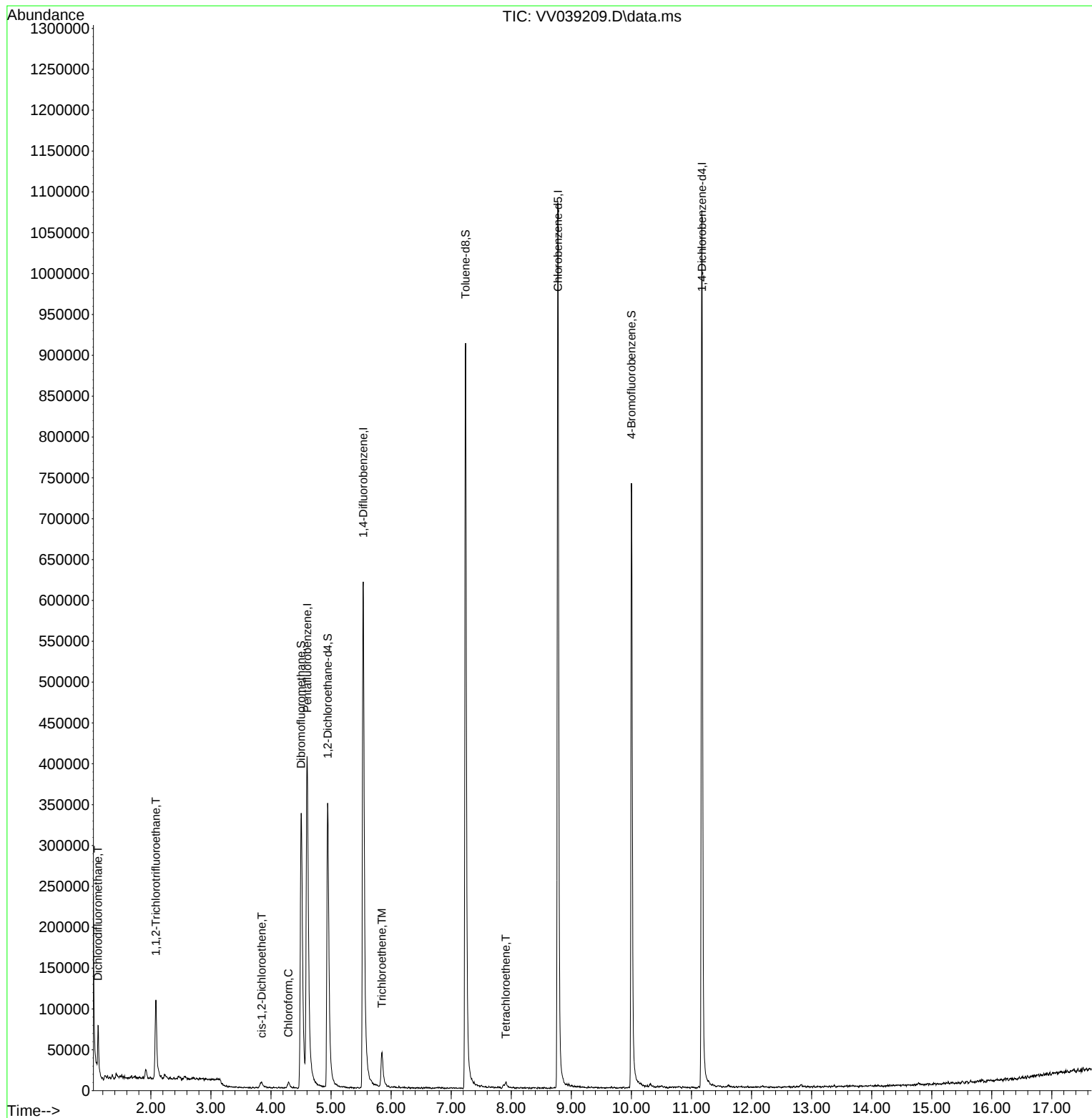
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092625\  
Data File : VV039209.D  
Acq On : 26 Sep 2025 13:51  
Operator : SY/MD  
Sample : Q3195-06  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 13 Sample Multiplier: 1

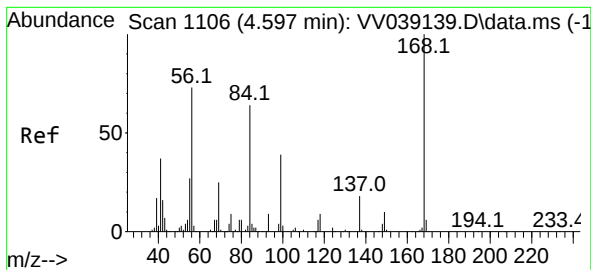
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-19D-092225

Quant Time: Sep 27 02:55:51 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

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025  
Supervised By :Semsettin Yesilyurt 09/29/2025





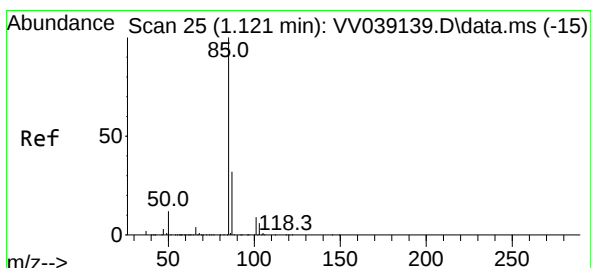
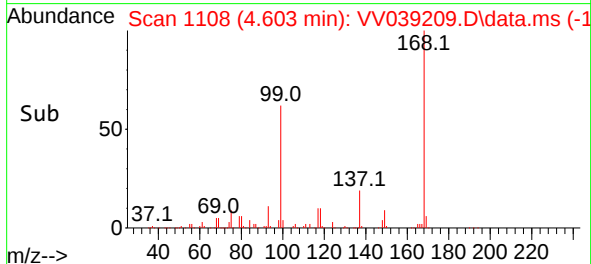
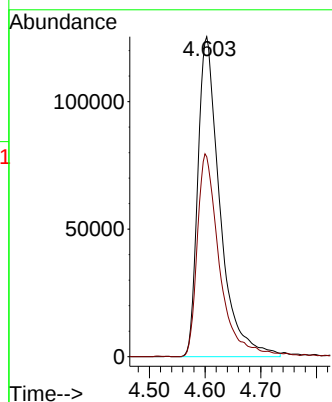
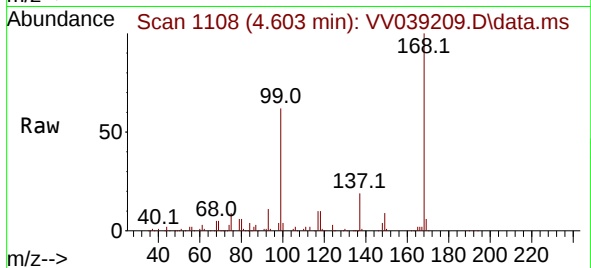
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 4.603 min Scan# 1108  
Delta R.T. 0.006 min  
Lab File: VV039209.D  
Acq: 26 Sep 2025 13:51

Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-19D-092225

Tgt Ion:168 Resp: 34493  
Ion Ratio Lower Upper  
168 100  
99 62.4 49.6 74.4

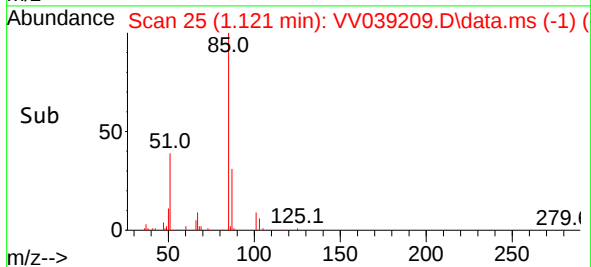
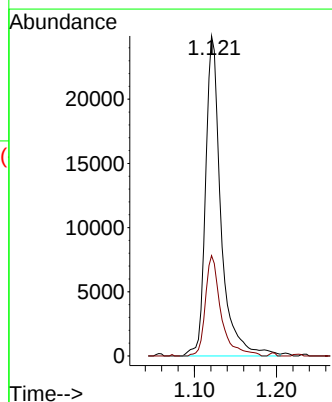
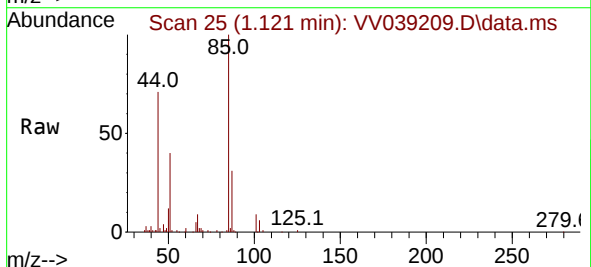
Manual Integrations  
APPROVED

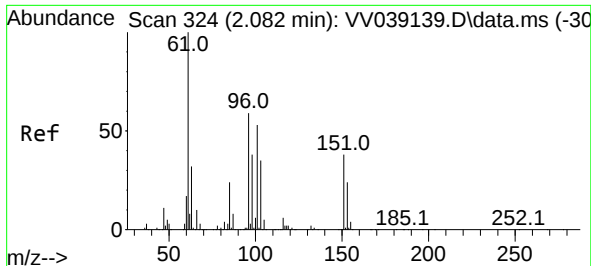
Reviewed By :Mahesh Dadoda 09/29/2025  
Supervised By :Semsettin Yesilyurt 09/29/2025



#2  
Dichlorodifluoromethane  
Concen: 5.957 ug/l  
RT: 1.121 min Scan# 25  
Delta R.T. 0.000 min  
Lab File: VV039209.D  
Acq: 26 Sep 2025 13:51

Tgt Ion: 85 Resp: 32529  
Ion Ratio Lower Upper  
85 100  
87 31.3 16.0 47.9





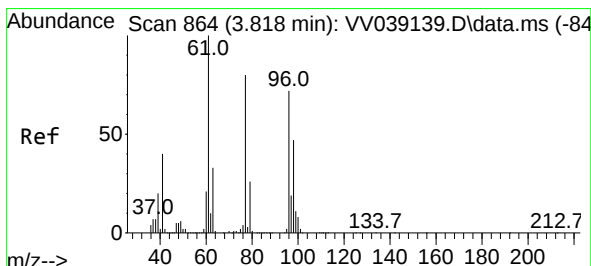
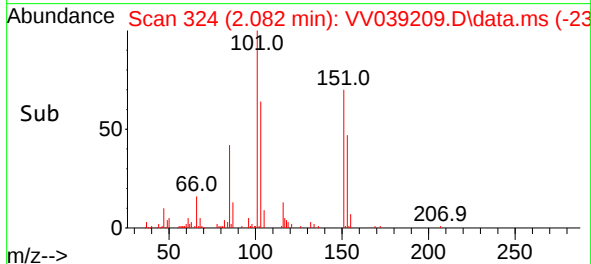
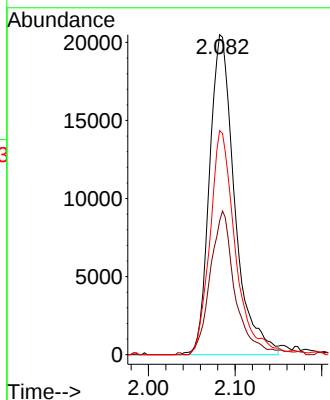
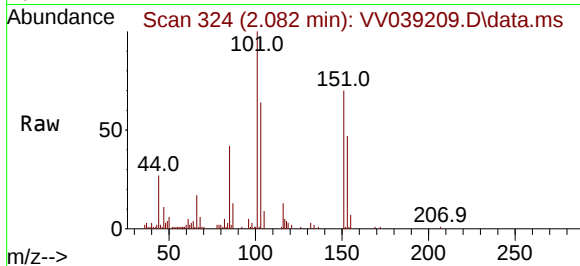
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 7.658 ug/l  
RT: 2.082 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VV039209.D  
Acq: 26 Sep 2025 13:51

Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-19D-092225

Tgt Ion:101 Resp: 4139  
Ion Ratio Lower Upper  
101 100  
85 44.5 36.2 54.2  
151 70.4 56.3 84.5

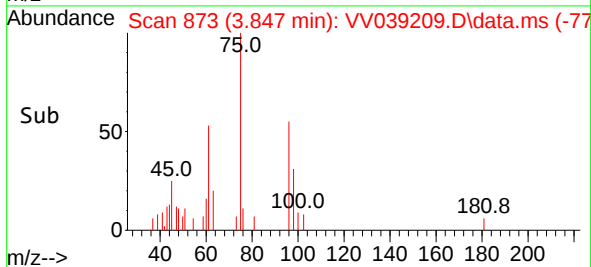
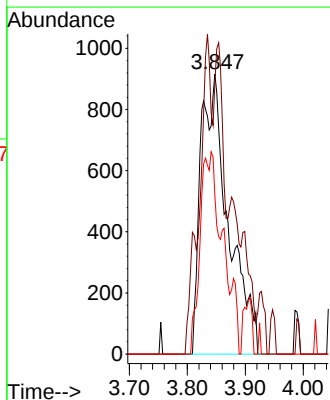
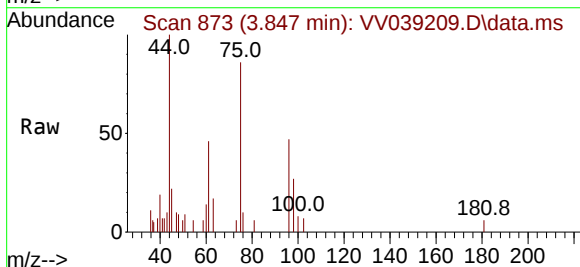
Manual Integrations  
APPROVED

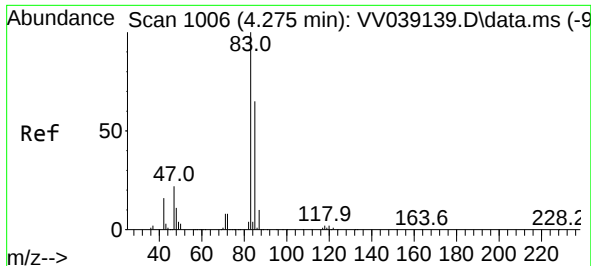
Reviewed By :Mahesh Dadoda 09/29/2025  
Supervised By :Semsettin Yesilyurt 09/29/2025



#27  
cis-1,2-Dichloroethene  
Concen: 0.497 ug/l m  
RT: 3.847 min Scan# 873  
Delta R.T. 0.029 min  
Lab File: VV039209.D  
Acq: 26 Sep 2025 13:51

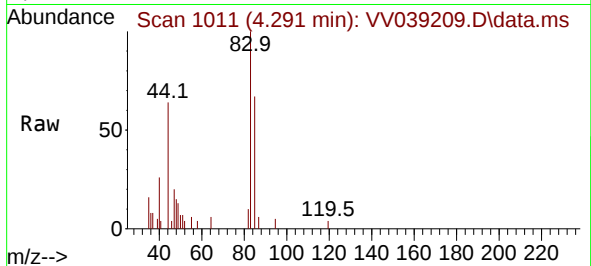
Tgt Ion: 96 Resp: 3033  
Ion Ratio Lower Upper  
96 100  
61 31.0 0.0 286.4  
98 25.5 0.0 126.6





#30  
Chloroform  
Concen: 0.646 ug/l  
RT: 4.291 min Scan# 1011  
Delta R.T. 0.016 min  
Lab File: VV039209.D  
Acq: 26 Sep 2025 13:51

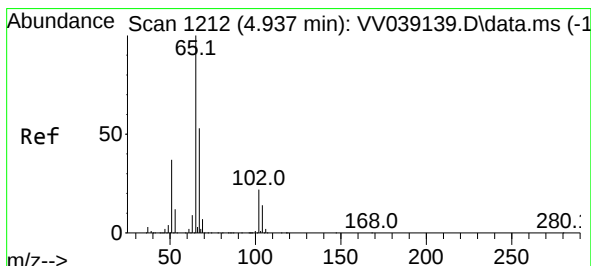
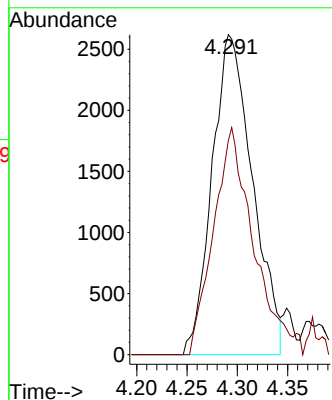
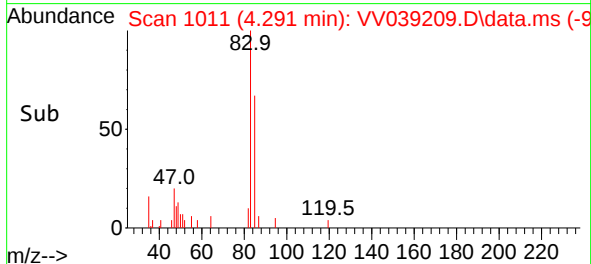
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-19D-092225



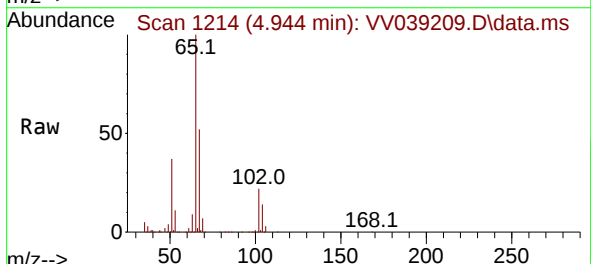
Tgt Ion: 83 Resp: 7330  
Ion Ratio Lower Upper  
83 100  
85 66.9 52.1 78.1

Manual Integrations  
APPROVED

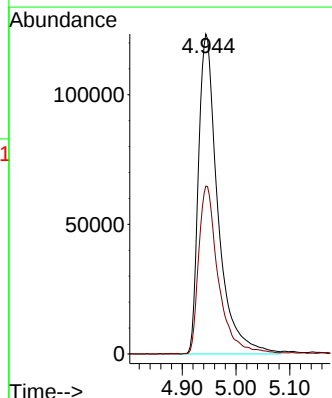
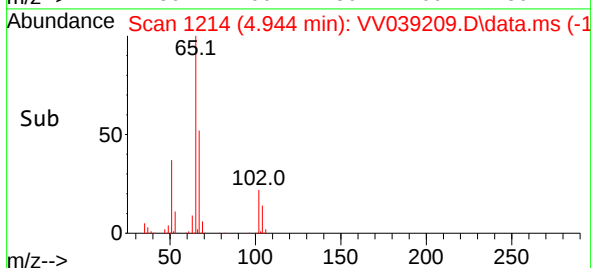
Reviewed By :Mahesh Dadoda 09/29/2025  
Supervised By :Semsettin Yesilyurt 09/29/2025

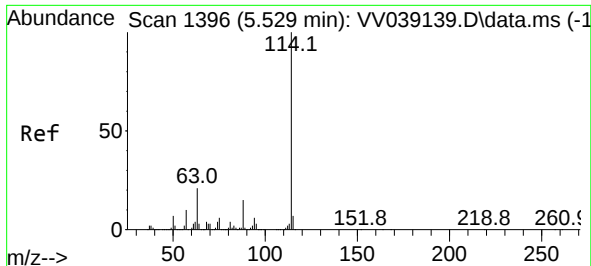


#33  
1,2-Dichloroethane-d4  
Concen: 61.851 ug/l  
RT: 4.944 min Scan# 1214  
Delta R.T. 0.006 min  
Lab File: VV039209.D  
Acq: 26 Sep 2025 13:51



Tgt Ion: 65 Resp: 308774  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 114

Delta R.T. 0.006 min

Lab File: VV039209.D

Acq: 26 Sep 2025 13:51

Instrument :

MSVOA\_V

ClientSampleId :

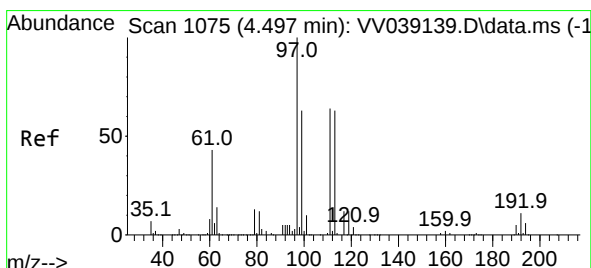
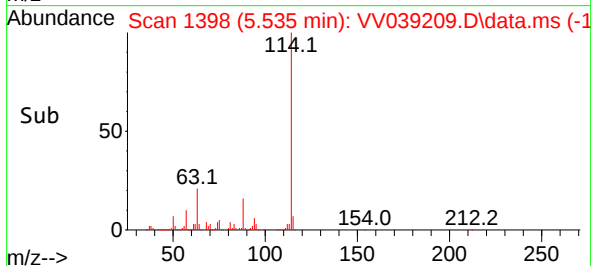
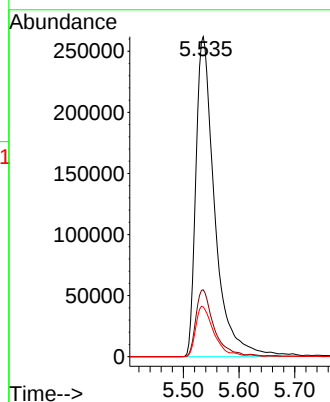
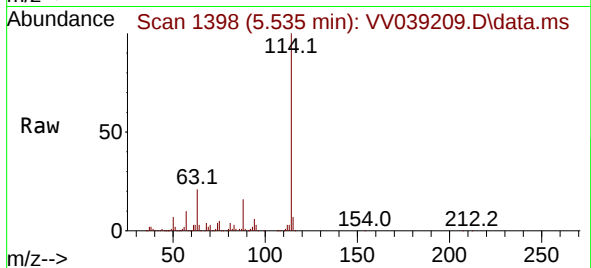
MW-19D-092225

|             |             |
|-------------|-------------|
| Tgt Ion:114 | Resp: 61495 |
| Ion Ratio   | Lower Upper |
| 114 100     |             |
| 63 20.9     | 0.0 42.6    |
| 88 15.6     | 0.0 30.8    |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025  
Supervised By :Semsettin Yesilyurt 09/29/2025



#35

Dibromofluoromethane

Concen: 57.564 ug/l

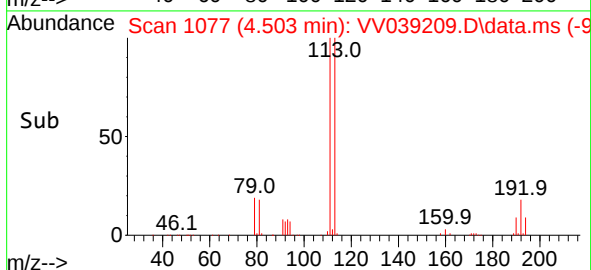
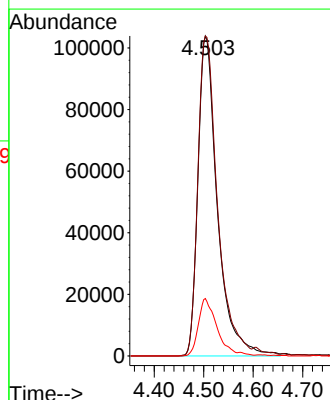
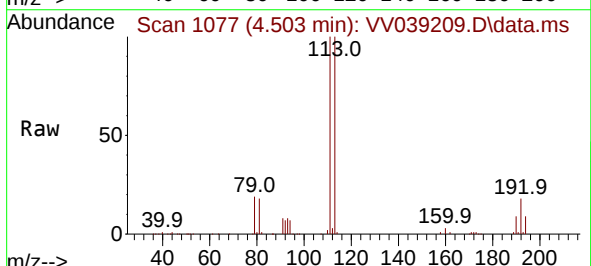
RT: 4.503 min Scan# 1077

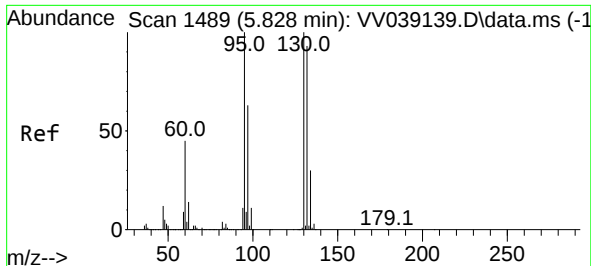
Delta R.T. 0.006 min

Lab File: VV039209.D

Acq: 26 Sep 2025 13:51

|             |              |
|-------------|--------------|
| Tgt Ion:113 | Resp: 284583 |
| Ion Ratio   | Lower Upper  |
| 113 100     |              |
| 111 100.8   | 82.4 123.6   |
| 192 16.8    | 13.8 20.8    |





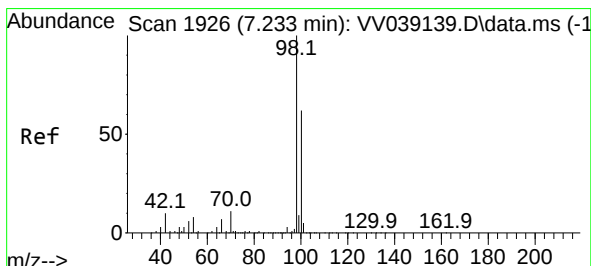
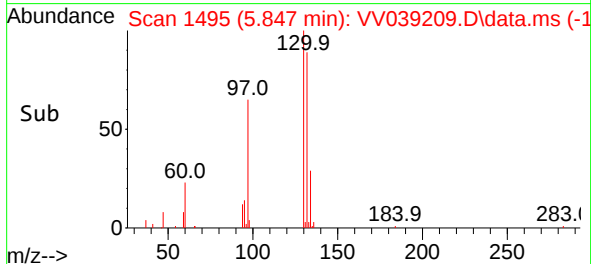
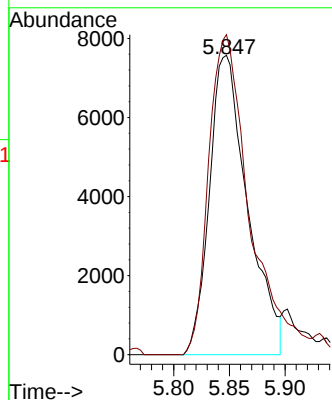
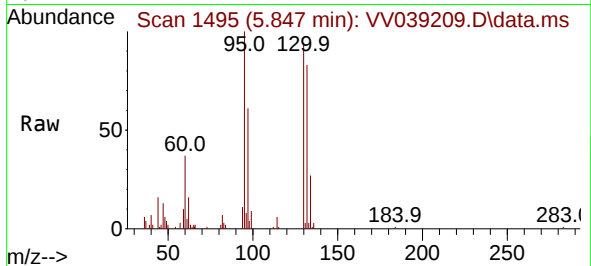
#44  
 Trichloroethene  
 Concen: 3.216 ug/l  
 RT: 5.847 min Scan# 1489  
 Delta R.T. 0.019 min  
 Lab File: VV039209.D  
 Acq: 26 Sep 2025 13:51

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MW-19D-092225

Tgt Ion:130 Resp: 18064  
 Ion Ratio Lower Upper  
 130 100  
 95 106.9 0.0 199.2

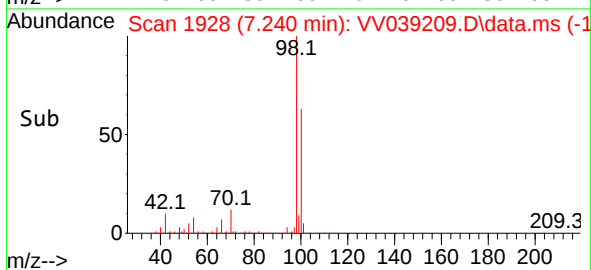
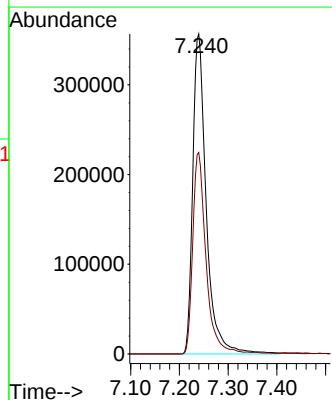
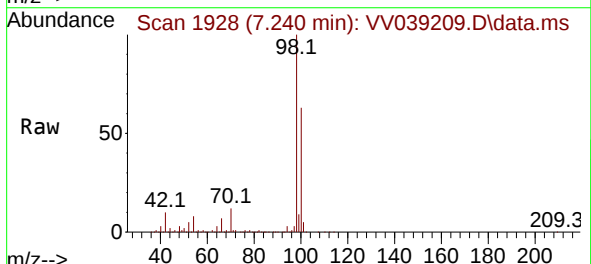
Manual Integrations  
 APPROVED

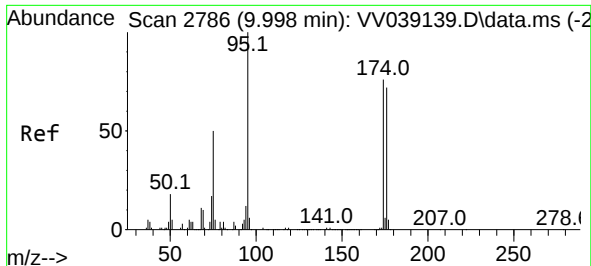
Reviewed By :Mahesh Dadoda 09/29/2025  
 Supervised By :Semsettin Yesilyurt 09/29/2025



#50  
 Toluene-d8  
 Concen: 47.266 ug/l  
 RT: 7.240 min Scan# 1928  
 Delta R.T. 0.006 min  
 Lab File: VV039209.D  
 Acq: 26 Sep 2025 13:51

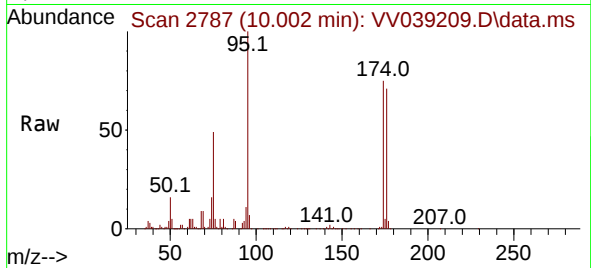
Tgt Ion: 98 Resp: 686292  
 Ion Ratio Lower Upper  
 98 100  
 100 61.9 52.2 78.2





#62  
4-Bromofluorobenzene  
Concen: 43.765 ug/l  
RT: 10.002 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VV039209.D  
Acq: 26 Sep 2025 13:51

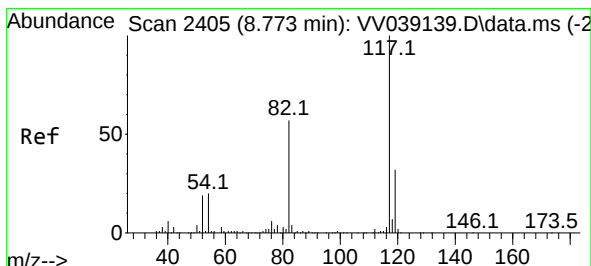
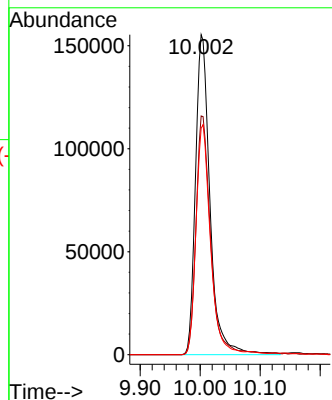
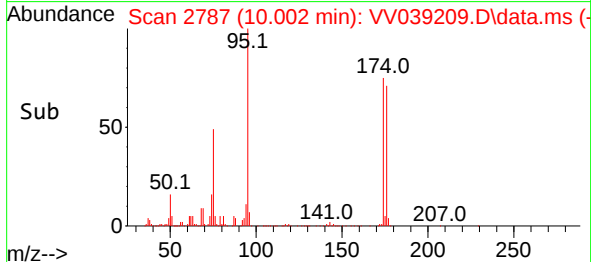
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-19D-092225



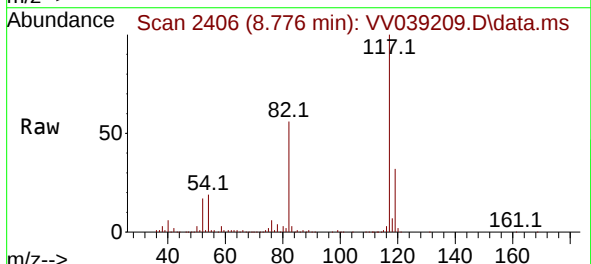
Tgt Ion: 95 Resp: 261604  
Ion Ratio Lower Upper  
95 100  
174 75.2 0.0 150.4  
176 71.3 0.0 144.2

Manual Integrations  
APPROVED

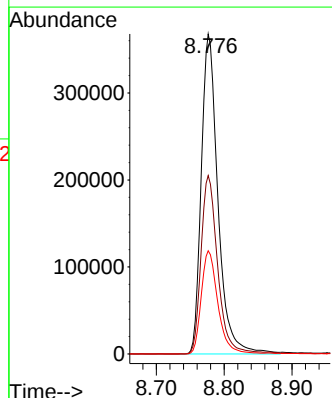
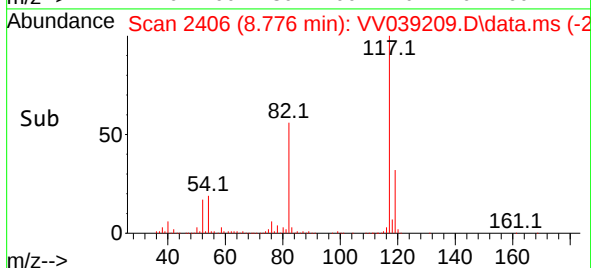
Reviewed By :Mahesh Dadoda 09/29/2025  
Supervised By :Semsettin Yesilyurt 09/29/2025

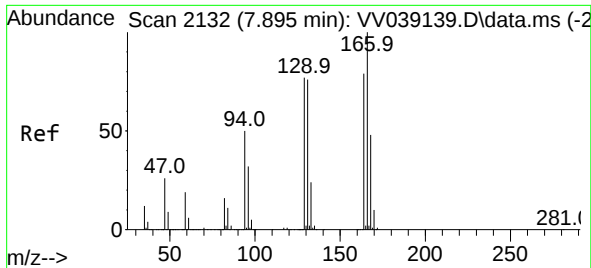


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 8.776 min Scan# 2406  
Delta R.T. 0.003 min  
Lab File: VV039209.D  
Acq: 26 Sep 2025 13:51



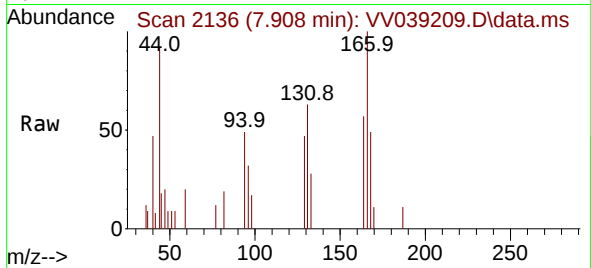
Tgt Ion:117 Resp: 627934  
Ion Ratio Lower Upper  
117 100  
82 55.7 45.4 68.2  
119 32.3 25.6 38.4





#64  
Tetrachloroethene  
Concen: 0.299 ug/l  
RT: 7.908 min Scan# 2132  
Delta R.T. 0.013 min  
Lab File: VV039209.D  
Acq: 26 Sep 2025 13:51

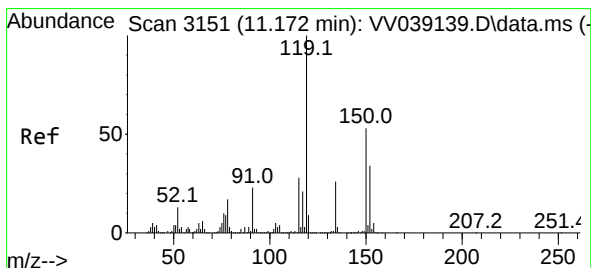
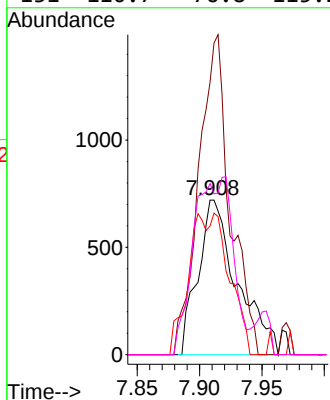
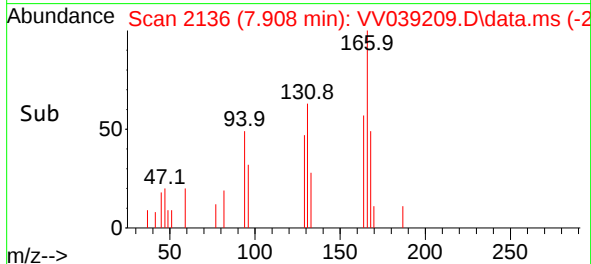
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-19D-092225



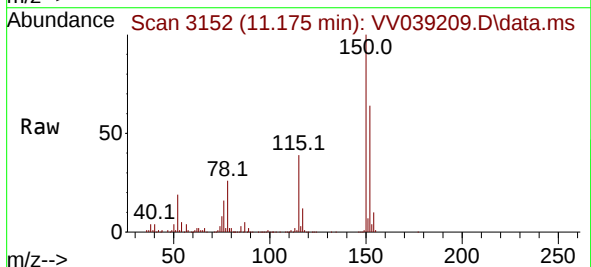
Tgt Ion:164 Resp: 157  
Ion Ratio Lower Upper  
164 100  
166 176.3 101.6 152.4  
129 83.2 78.5 117.7  
131 110.7 76.8 115.2

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025  
Supervised By :Semsettin Yesilyurt 09/29/2025



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.175 min Scan# 3152  
Delta R.T. 0.003 min  
Lab File: VV039209.D  
Acq: 26 Sep 2025 13:51



Tgt Ion:152 Resp: 291769  
Ion Ratio Lower Upper  
152 100  
115 61.9 44.8 134.4  
150 159.3 0.0 353.8

