

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062325\  
 Data File : VU063427.D  
 Acq On : 23 Jun 2025 14:36  
 Operator : MD/SY  
 Sample : VSTDICC0.5  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICC0.5

Quant Time: Jun 24 04:44:34 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U062325DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Jun 24 03:53:51 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025  
 Supervised By :Semsettin Yesilyurt 06/25/2025

| Compound                     | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|------------------------------|--------|------|----------|-------|---------|----------|
| -----                        |        |      |          |       |         |          |
| Internal Standards           |        |      |          |       |         |          |
| 1) Fluorobenzene             | 6.103  | 96   | 49410    | 1.000 | ug/l    | # 0.00   |
| System Monitoring Compounds  |        |      |          |       |         |          |
| 57) 4-Bromofluorobenzene     | 10.631 | 95   | 15467    | 0.853 | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =     | 85.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.190 | 152  | 16058    | 0.881 | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =     | 88.000% |          |
| Target Compounds             |        |      |          |       |         |          |
|                              |        |      |          |       |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.383  | 85   | 9539     | 0.503 | ug/l    | 99       |
| 3) Chloromethane             | 1.518  | 50   | 13673    | 0.547 | ug/l    | 99       |
| 4) Vinyl Chloride            | 1.599  | 62   | 10654    | 0.498 | ug/l    | 98       |
| 5) Bromomethane              | 1.850  | 94   | 5695     | 0.555 | ug/l    | 99       |
| 6) Chloroethane              | 1.924  | 64   | 6078     | 0.479 | ug/l    | 100      |
| 7) Trichlorofluoromethane    | 2.129  | 101  | 12754    | 0.522 | ug/l    | 99       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.567  | 101  | 6593     | 0.507 | ug/l    | 97       |
| 9) 1,1-Dichloroethene        | 2.567  | 96   | 6082     | 0.469 | ug/l    | 89       |
| 11) Allyl Chloride           | 2.911  | 41   | 11727    | 0.507 | ug/l    | 97       |
| 12) Acrylonitrile            | 3.309  | 53   | 4028     | 1.074 | ug/l    | 87       |
| 13) Acetone                  | 2.621  | 43   | 12451    | 2.782 | ug/l    | 100      |
| 14) Carbon Disulfide         | 2.776  | 76   | 22881    | 0.506 | ug/l    | 97       |
| 15) Methylene Chloride       | 3.030  | 84   | 9375     | 0.570 | ug/l    | 95       |
| 16) trans-1,2-Dichloroethene | 3.335  | 96   | 7485     | 0.513 | ug/l    | 94       |
| 17) 1,1-Dichloroethane       | 3.850  | 63   | 15796    | 0.515 | ug/l    | 97       |
| 18) 2-Butanone               | 4.724  | 43   | 15009    | 2.869 | ug/l    | 96       |
| 19) Cyclohexane              | 5.361  | 56   | 11505    | 0.496 | ug/l    | 93       |
| 20) Methylcyclohexane        | 6.743  | 83   | 9705     | 0.453 | ug/l    | 94       |
| 21) 2,2-Dichloropropane      | 4.644  | 77   | 11273    | 0.517 | ug/l    | # 79     |
| 22) cis-1,2-Dichloroethene   | 4.647  | 96   | 8333     | 0.523 | ug/l    | 95       |
| 23) Diethyl Ether            | 2.374  | 59   | 5801     | 0.496 | ug/l    | 97       |
| 25) Methyl tert-Butyl Ether  | 3.367  | 73   | 17503    | 0.496 | ug/l    | 97       |
| 26) Bromochloromethane       | 4.959  | 128  | 3192     | 0.515 | ug/l    | 99       |
| 27) Chloroform               | 5.071  | 83   | 15019    | 0.523 | ug/l    | 96       |
| 28) 1,1,1-Trichloroethane    | 5.293  | 97   | 11251    | 0.483 | ug/l    | 95       |
| 29) 1,1-Dichloropropene      | 5.505  | 75   | 10552    | 0.496 | ug/l    | 97       |
| 30) Carbon Tetrachloride     | 5.502  | 117  | 8753     | 0.470 | ug/l    | 95       |
| 31) Isopropyl Ether          | 3.994  | 45   | 25406    | 0.527 | ug/l    | 99       |
| 32) Ethyl-t-butyl ether      | 4.509  | 59   | 20953    | 0.517 | ug/l    | 98       |
| 33) Tert-Amyl methyl ether   | 5.949  | 73   | 13421    | 0.463 | ug/l    | 99       |
| 34) Propionitrile            | 4.785  | 54   | 4468     | 2.953 | ug/l    | # 89     |
| 35) Benzene                  | 5.759  | 78   | 31874    | 0.495 | ug/l    | 97       |
| 36) 1,2-Dichloroethane       | 5.788  | 62   | 9372     | 0.498 | ug/l    | 97       |
| 37) Trichloroethene          | 6.531  | 130  | 7179     | 0.472 | ug/l    | 97       |
| 38) 1,2-Dichloropropane      | 6.785  | 63   | 8136     | 0.458 | ug/l    | 97       |
| 39) Methacrylonitrile        | 4.981  | 41   | 3976     | 0.631 | ug/l    | # 86     |
| 40) Methyl acrylate          | 4.853  | 55   | 5040m    | 0.569 | ug/l    |          |
| 41) Tetrahydrofuran          | 5.065  | 42   | 4338     | 1.281 | ug/l    | 91       |
| 42) 1-Chlorobutane           | 5.441  | 56   | 14591m   | 0.483 | ug/l    |          |
| 43) Dibromomethane           | 6.914  | 93   | 4286     | 0.516 | ug/l    | 87       |
| 44) Bromodichloromethane     | 7.100  | 83   | 10088    | 0.499 | ug/l    | 98       |
| 45) 4-Methyl-2-Pentanone     | 7.804  | 43   | 19505    | 2.187 | ug/l    | 93       |
| 46) t-1,4-Dichloro-2-butene  | 10.827 | 75   | 3657m    | 1.285 | ug/l    |          |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062325\  
 Data File : VU063427.D  
 Acq On : 23 Jun 2025 14:36  
 Operator : MD/SY  
 Sample : VSTDICC0.5  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICC0.5

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025  
 Supervised By :Semsettin Yesilyurt 06/25/2025

Quant Time: Jun 24 04:44:34 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U062325DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Jun 24 03:53:51 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 47) Methyl methacrylate       | 6.978  | 69   | 4895     | 1.504 | ug/l   | 97       |
| 48) Ethyl methacrylate        | 8.341  | 69   | 4371     | 0.650 | ug/l   | 90       |
| 49) Toluene                   | 7.962  | 92   | 14519    | 0.411 | ug/l   | 98       |
| 50) t-1,3-Dichloropropene     | 8.209  | 75   | 6008     | 0.412 | ug/l   | 96       |
| 51) cis-1,3-Dichloropropene   | 7.605  | 75   | 8088     | 0.413 | ug/l   | 93       |
| 52) 1,1,2-Trichloroethane     | 8.399  | 97   | 5889     | 0.485 | ug/l   | 97       |
| 53) 1,3-Dichloropropane       | 8.573  | 76   | 10262    | 0.491 | ug/l   | 99       |
| 54) 2-Hexanone                | 8.698  | 43   | 14049    | 3.353 | ug/l   | 89       |
| 55) Dibromochloromethane      | 8.804  | 129  | 6116     | 0.488 | ug/l   | 94       |
| 56) 1,2-Dibromoethane         | 8.920  | 107  | 4832     | 0.491 | ug/l   | 98       |
| 58) Tetrachloroethene         | 8.547  | 164  | 6912     | 0.463 | ug/l   | 94       |
| 59) Chlorobenzene             | 9.444  | 112  | 17027    | 0.450 | ug/l   | 98       |
| 60) 1,1,1,2-Tetrachloroethane | 9.525  | 131  | 6725     | 0.494 | ug/l   | 96       |
| 61) Pentachloroethane         | 11.418 | 117  | 5856     | 0.528 | ug/l   | 89       |
| 62) Hexachloroethane          | 12.467 | 117  | 4560     | 0.457 | ug/l   | 90       |
| 63) Ethyl Benzene             | 9.563  | 91   | 24136    | 0.398 | ug/l   | 90       |
| 64) m/p-Xylenes               | 9.689  | 106  | 17362    | 1.369 | ug/l   | 96       |
| 65) o-Xylene                  | 10.097 | 106  | 9040     | 0.392 | ug/l   | 91       |
| 66) Styrene                   | 10.113 | 104  | 13591    | 0.695 | ug/l   | 98       |
| 67) Bromoform                 | 10.287 | 173  | 3128     | 0.457 | ug/l # | 91       |
| 69) Isopropylbenzene          | 10.479 | 105  | 20554    | 0.385 | ug/l   | 96       |
| 70) 1,1,2,2-Tetrachloroethane | 10.778 | 83   | 8029     | 0.517 | ug/l   | 97       |
| 71) 1,2,3-Trichloropropane    | 10.817 | 75   | 7043m    | 0.545 | ug/l   |          |
| 72) Bromobenzene              | 10.782 | 156  | 6630     | 0.442 | ug/l   | 87       |
| 73) n-propylbenzene           | 10.901 | 120  | 6020     | 0.665 | ug/l   | 100      |
| 74) 2-Chlorotoluene           | 10.981 | 126  | 5691     | 0.384 | ug/l   | 99       |
| 75) 1,3,5-Trimethylbenzene    | 11.084 | 105  | 17947    | 0.649 | ug/l   | 96       |
| 76) 4-Chlorotoluene           | 11.097 | 126  | 6010     | 0.387 | ug/l   | 92       |
| 77) tert-Butylbenzene         | 11.415 | 119  | 19254    | 0.392 | ug/l   | 97       |
| 78) 1,2,4-Trimethylbenzene    | 11.463 | 105  | 18055    | 0.686 | ug/l   | 99       |
| 79) sec-Butylbenzene          | 11.637 | 105  | 26179    | 0.377 | ug/l   | 100      |
| 80) Nitrobenzene              | 13.225 | 77   | 2731m    | 5.009 | ug/l   |          |
| 81) p-Isopropyltoluene        | 11.788 | 119  | 18968    | 0.685 | ug/l   | 92       |
| 82) 1,3-Dichlorobenzene       | 11.743 | 146  | 13935    | 0.449 | ug/l   | 98       |
| 83) 1,4-Dichlorobenzene       | 11.833 | 146  | 14900m   | 0.463 | ug/l   |          |
| 84) n-Butylbenzene            | 12.206 | 91   | 23809    | 0.419 | ug/l   | 93       |
| 85) 1,2-Dichlorobenzene       | 12.206 | 146  | 13276    | 0.447 | ug/l   | 97       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.984 | 75   | 944      | 0.442 | ug/l   | 93       |
| 87) 1,2,4-Trichlorobenzene    | 13.836 | 180  | 8572     | 0.517 | ug/l   | 97       |
| 88) Hexachlorobutadiene       | 14.013 | 225  | 5732     | 0.488 | ug/l   | 96       |
| 90) 1,2,3-Trichlorobenzene    | 14.325 | 180  | 8948     | 0.543 | ug/l   | 94       |

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

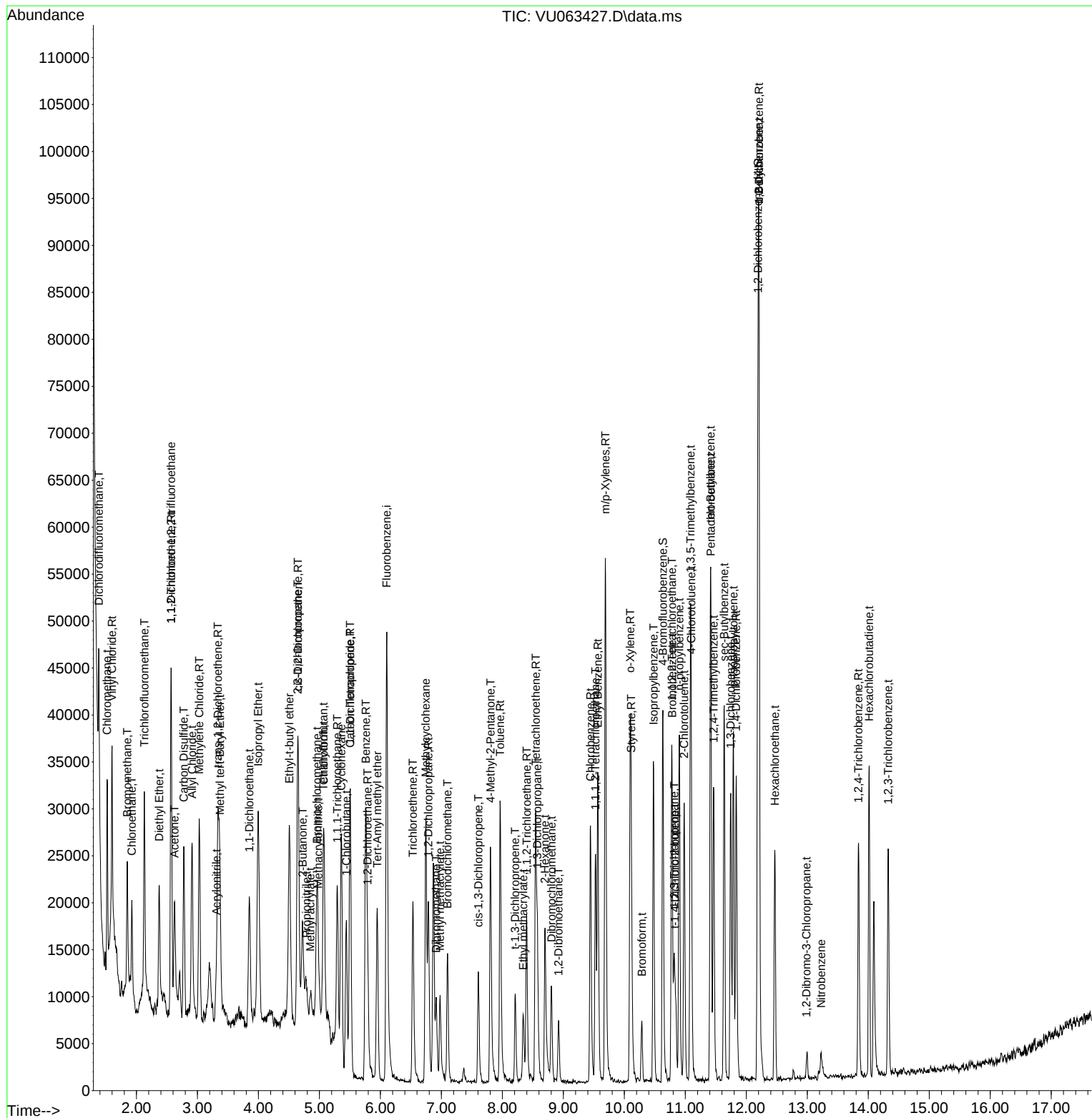
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Data File : VU063427.D  
Acq On : 23 Jun 2025 14:36  
Operator : MD/SY  
Sample : VSTDIC0.5  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 9 Sample Multiplier: 1

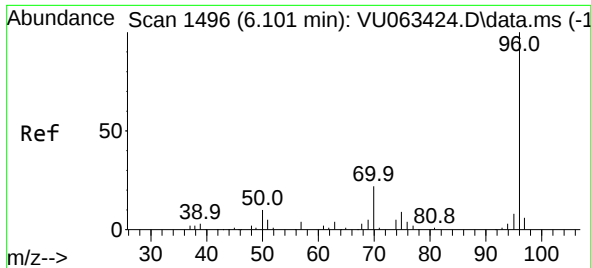
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025

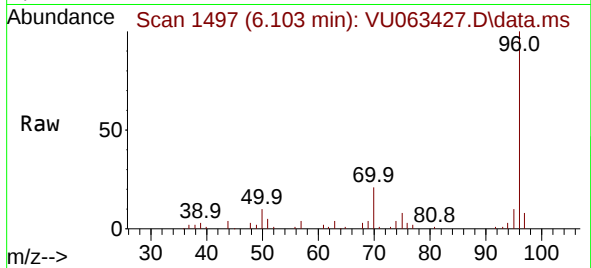
Quant Time: Jun 24 04:44:34 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U062325DW.M  
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
QLast Update : Tue Jun 24 03:53:51 2025  
Response via : Initial Calibration





#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.103 min Scan# 1496  
Delta R.T. 0.002 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

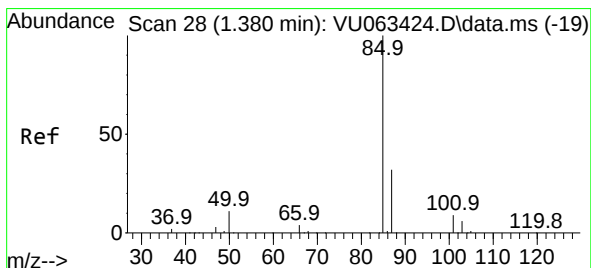
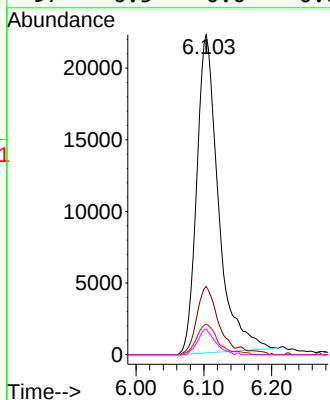
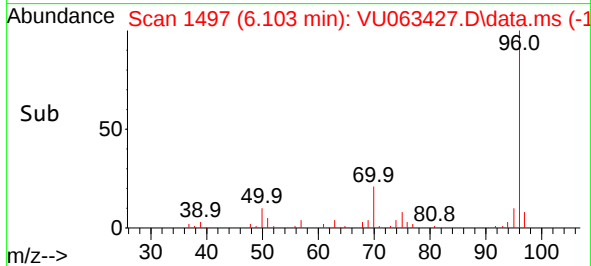
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



| Tgt Ion: | 96    | Resp: | 49410 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 70       | 18.5  | 16.4  | 24.6  |
| 95       | 8.0   | 6.2   | 9.2   |
| 97       | 6.5   | 0.0   | 0.0   |

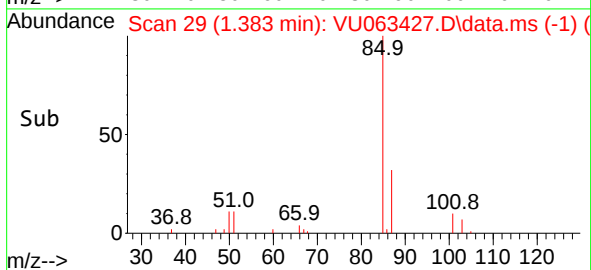
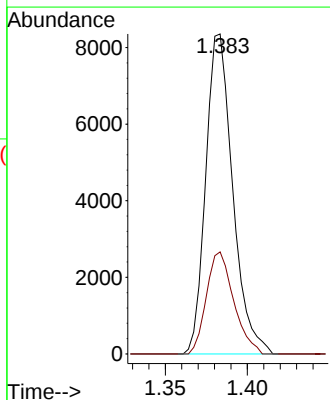
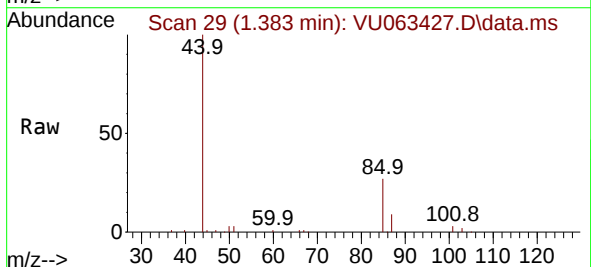
Manual Integrations  
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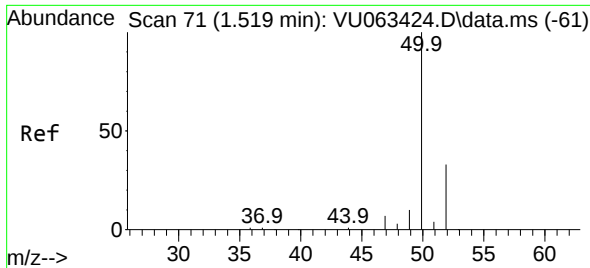
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#2  
Dichlorodifluoromethane  
Concen: 0.503 ug/l  
RT: 1.383 min Scan# 29  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

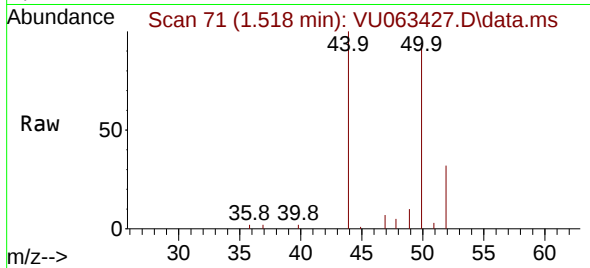
| Tgt Ion: | 85    | Resp: | 9539  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 85       | 100   |       |       |
| 87       | 31.9  | 16.2  | 48.5  |





#3  
Chloromethane  
Concen: 0.547 ug/l  
RT: 1.518 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

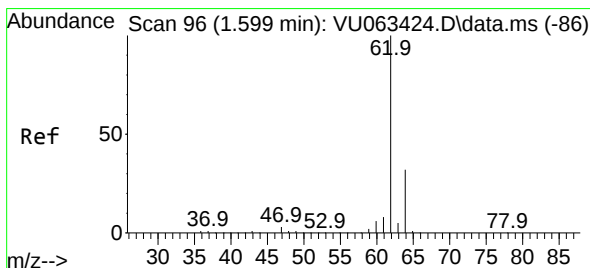
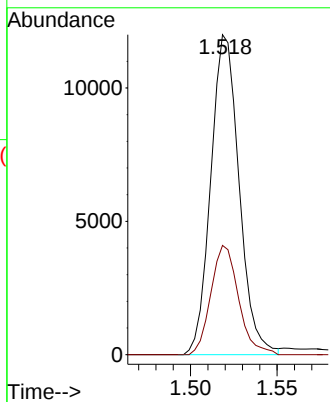
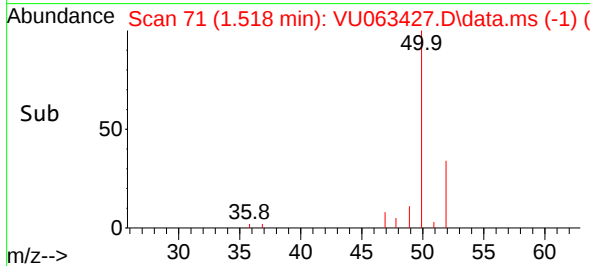
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



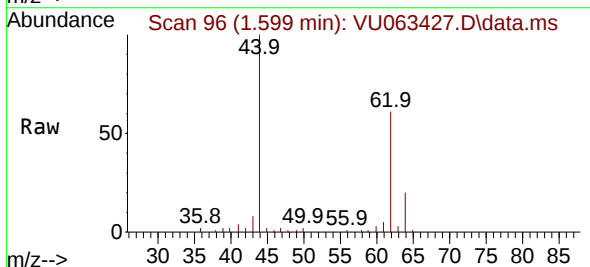
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Ion Ratio Lower Upper  
50 100  
52 34.1 26.6 40.0

Manual Integrations  
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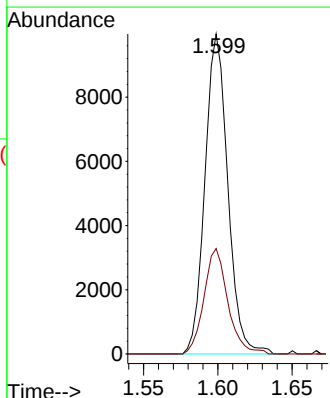
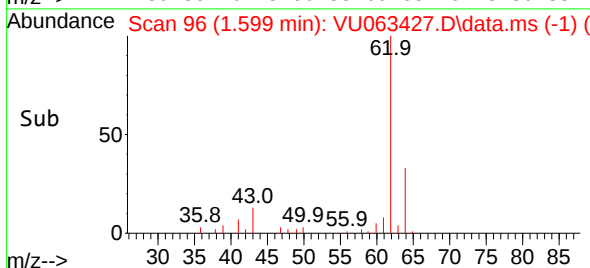
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025

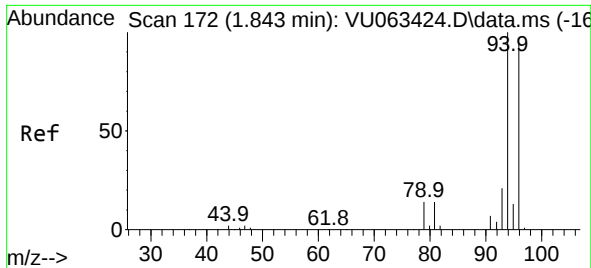


#4  
Vinyl Chloride  
Concen: 0.498 ug/l  
RT: 1.599 min Scan# 96  
Delta R.T. -0.000 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36



Tgt Ion: 62 Resp: 10654  
Ion Ratio Lower Upper  
62 100  
64 33.0 25.7 38.5





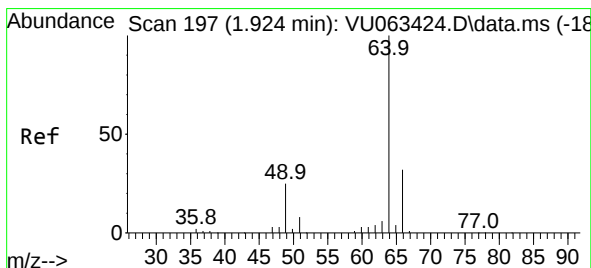
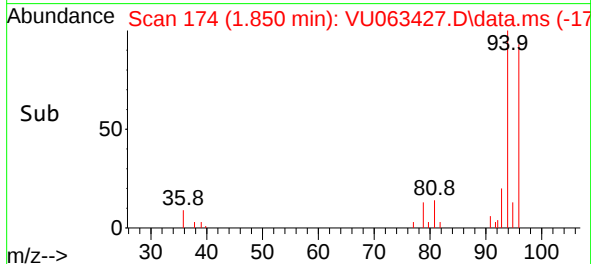
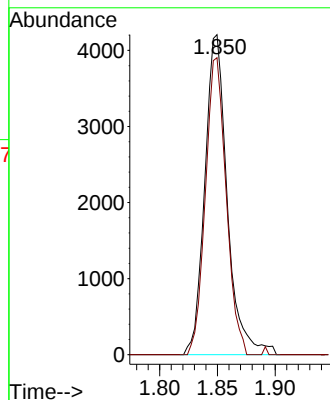
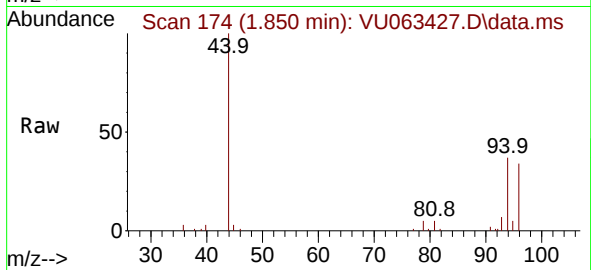
#5  
Bromomethane  
Concen: 0.555 ug/l  
RT: 1.850 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5

Tgt Ion: 94 Resp: 569  
Ion Ratio Lower Upper  
94 100  
96 92.8 74.8 112.2

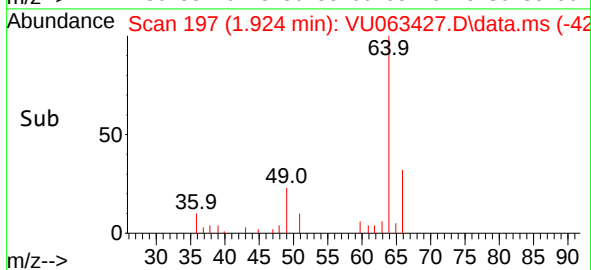
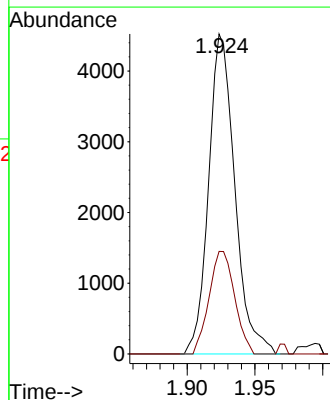
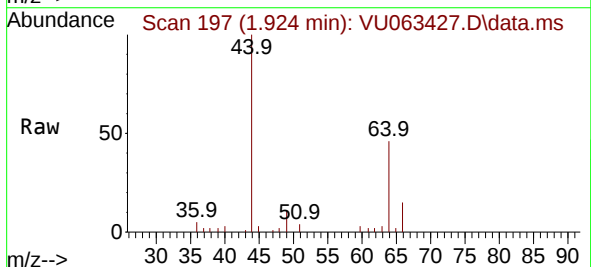
Manual Integrations  
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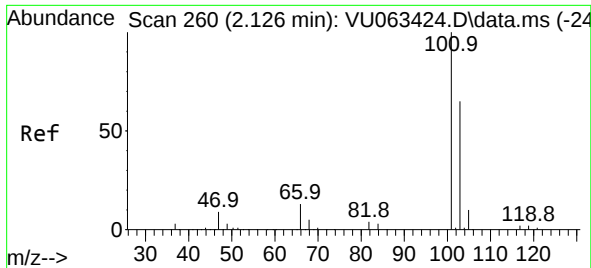
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#6  
Chloroethane  
Concen: 0.479 ug/l  
RT: 1.924 min Scan# 197  
Delta R.T. -0.000 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

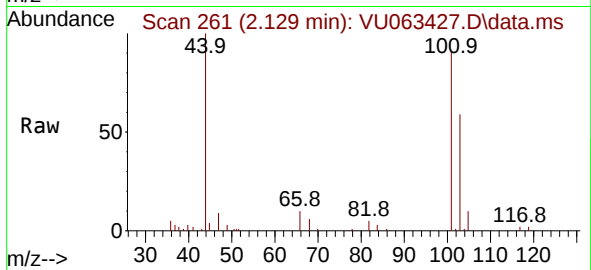
Tgt Ion: 64 Resp: 6078  
Ion Ratio Lower Upper  
64 100  
66 32.1 25.7 38.5





#7  
Trichlorofluoromethane  
Concen: 0.522 ug/l  
RT: 2.129 min Scan# 261  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

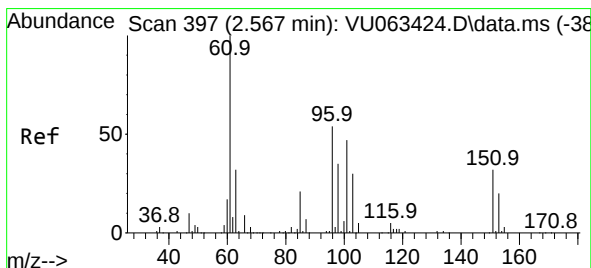
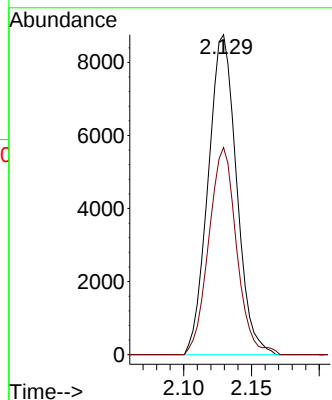
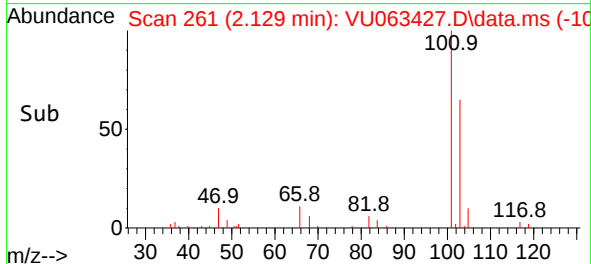
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



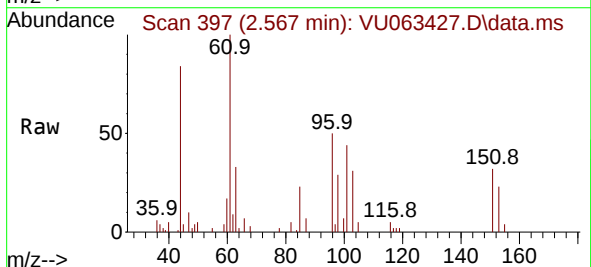
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Ion Ratio Lower Upper  
101 100  
103 64.7 52.3 78.5

Manual Integrations  
APPROVED

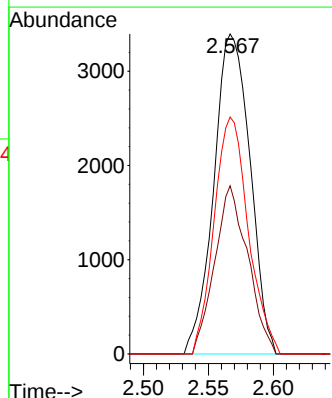
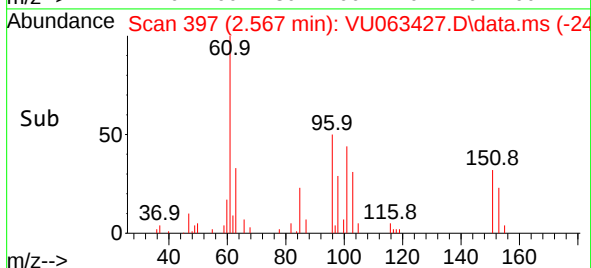
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025

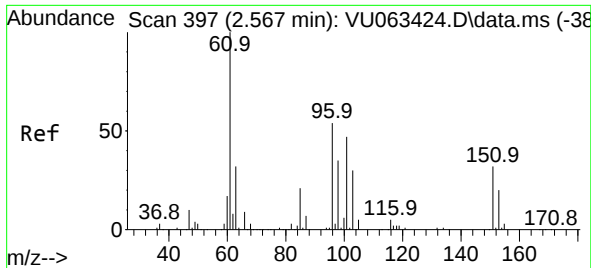


#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.507 ug/l  
RT: 2.567 min Scan# 397  
Delta R.T. -0.000 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36



Tgt Ion:101 Resp: 6593  
Ion Ratio Lower Upper  
101 100  
85 47.9 36.7 55.1  
151 69.8 53.9 80.9





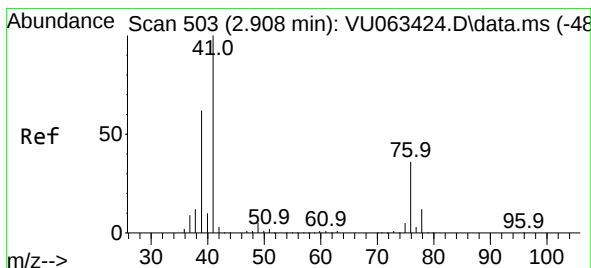
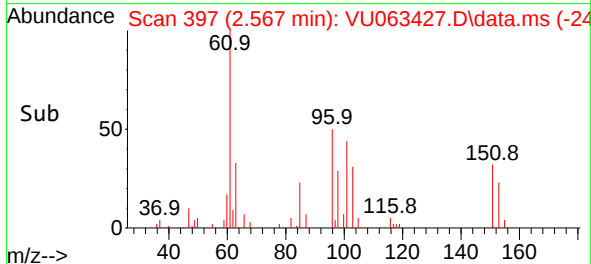
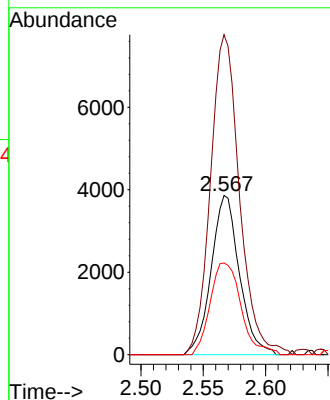
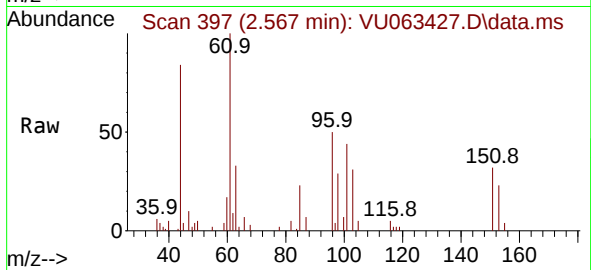
#9  
1,1-Dichloroethene  
Concen: 0.469 ug/l  
RT: 2.567 min Scan# 397  
Delta R.T. -0.000 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5

Tgt Ion: 96 Resp: 6082  
Ion Ratio Lower Upper  
96 100  
61 201.0 0.0 552.0  
98 57.5 0.0 128.4

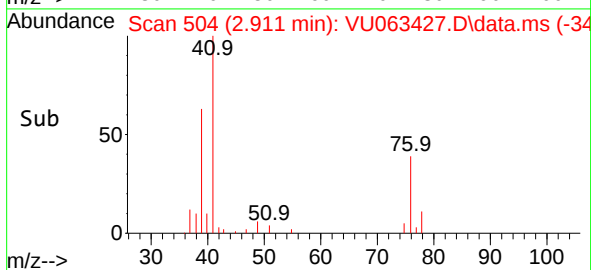
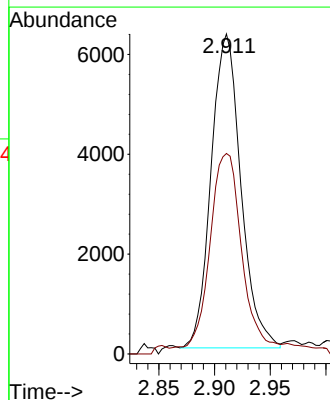
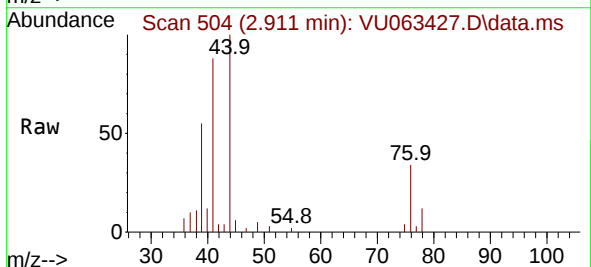
Manual Integrations  
APPROVED

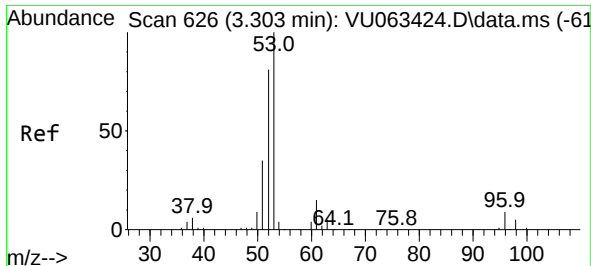
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#11  
Allyl Chloride  
Concen: 0.507 ug/l  
RT: 2.911 min Scan# 504  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

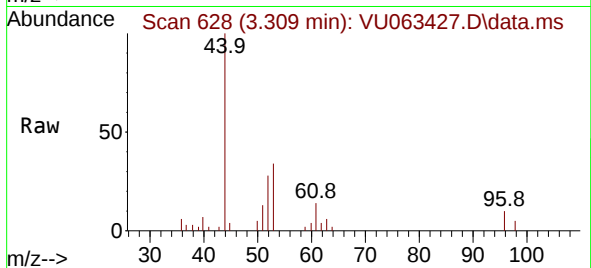
Tgt Ion: 41 Resp: 11727  
Ion Ratio Lower Upper  
41 100  
39 65.1 50.3 75.5





#12  
Acrylonitrile  
Concen: 1.074 ug/l  
RT: 3.309 min Scan# 612  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

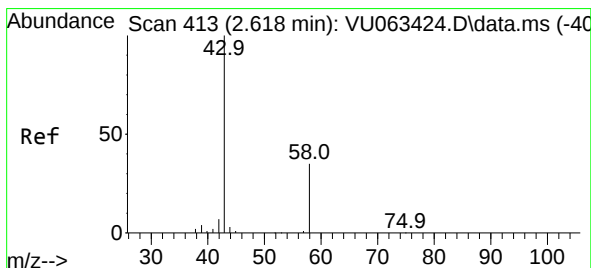
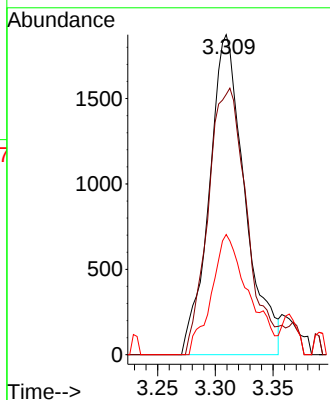
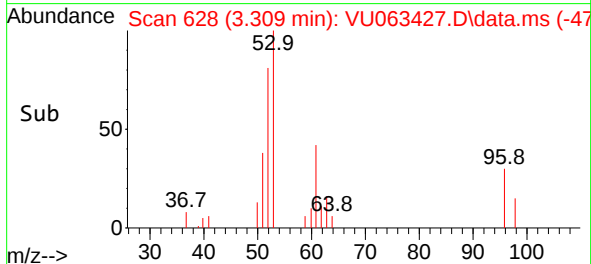
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



Tgt Ion: 53 Resp: 4028  
Ion Ratio Lower Upper  
53 100  
52 90.4 62.8 94.2  
51 39.1 26.2 39.4

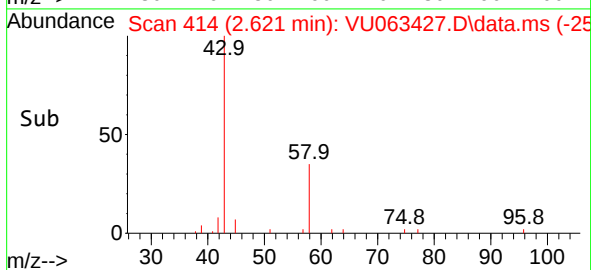
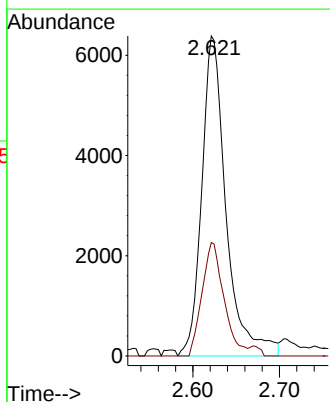
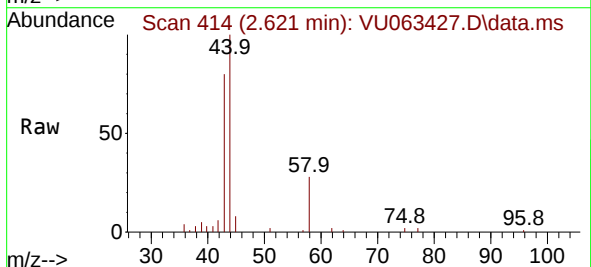
Manual Integrations  
APPROVED

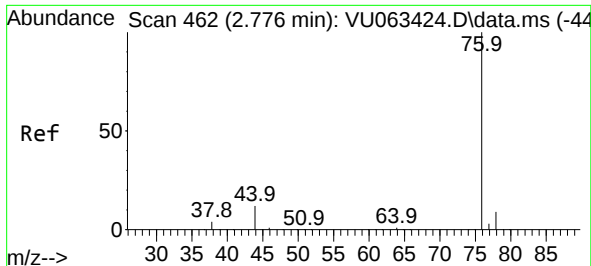
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#13  
Acetone  
Concen: 2.782 ug/l  
RT: 2.621 min Scan# 414  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

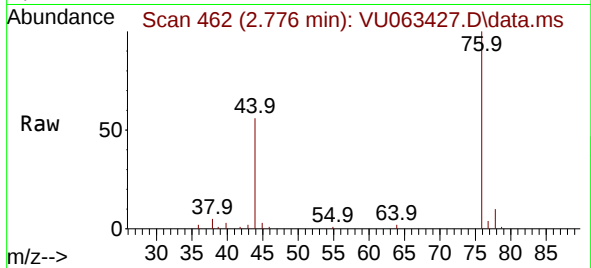
Tgt Ion: 43 Resp: 12451  
Ion Ratio Lower Upper  
43 100  
58 35.4 28.3 42.5





#14  
Carbon Disulfide  
Concen: 0.506 ug/l  
RT: 2.776 min Scan# 462  
Delta R.T. -0.000 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

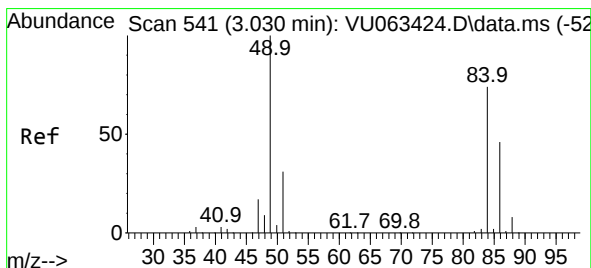
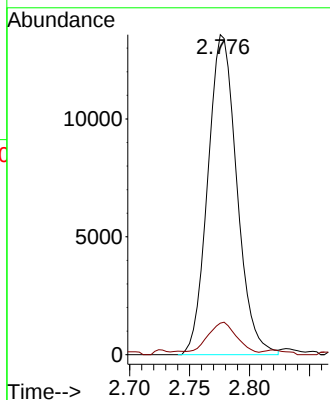
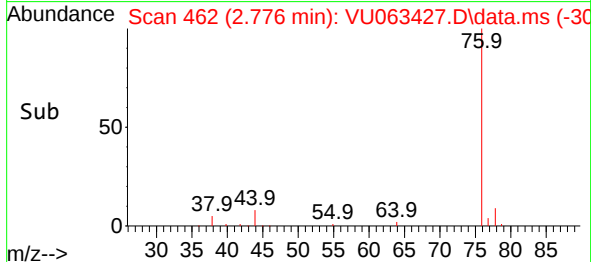
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



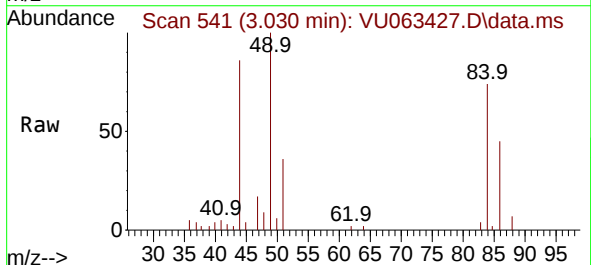
Tgt Ion: 76 Resp: 2288  
Ion Ratio Lower Upper  
76 100  
78 9.5 6.9 10.3

Manual Integrations  
APPROVED

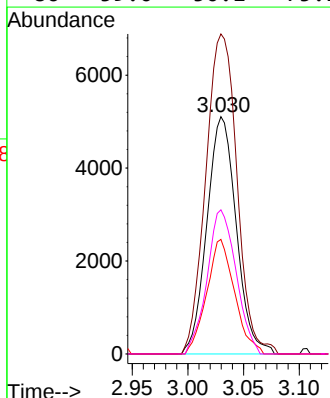
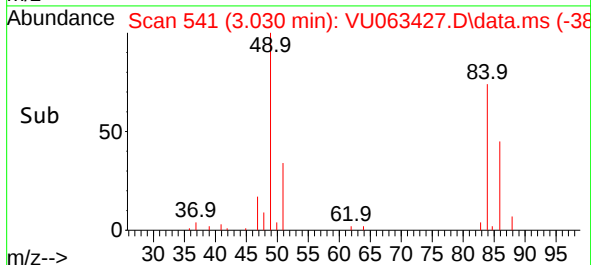
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025

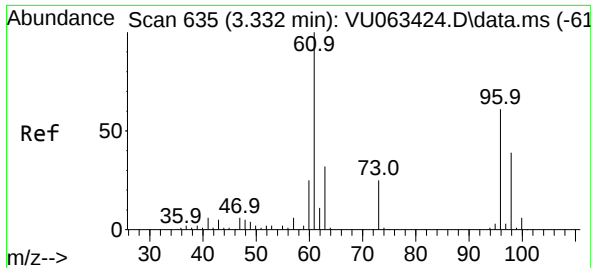


#15  
Methylene Chloride  
Concen: 0.570 ug/l  
RT: 3.030 min Scan# 541  
Delta R.T. -0.000 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36



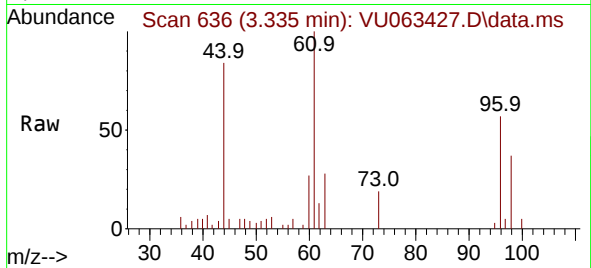
Tgt Ion: 84 Resp: 9375  
Ion Ratio Lower Upper  
84 100  
49 130.9 108.7 163.1  
51 46.9 0.0 83.8  
86 59.0 50.1 75.1





#16  
trans-1,2-Dichloroethene  
Concen: 0.513 ug/l  
RT: 3.335 min Scan# 611  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

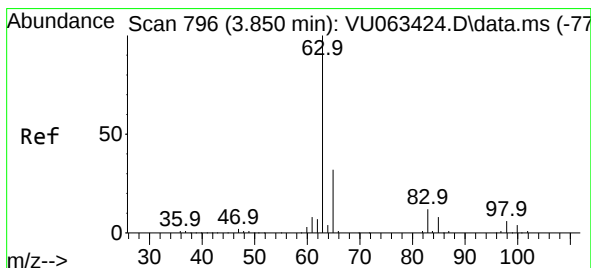
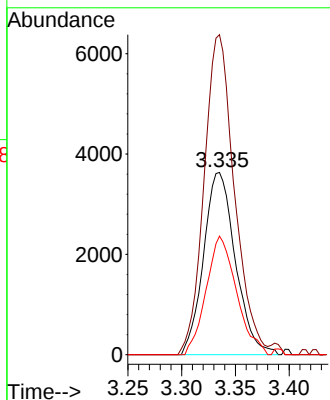
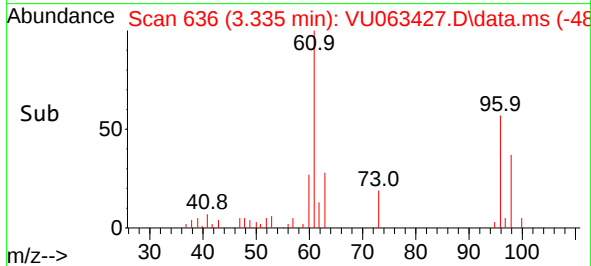
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



Tgt Ion: 96 Resp: 748  
Ion Ratio Lower Upper  
96 100  
61 175.6 132.1 198.1  
98 65.0 51.0 76.4

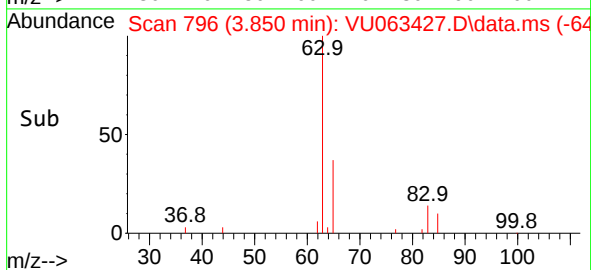
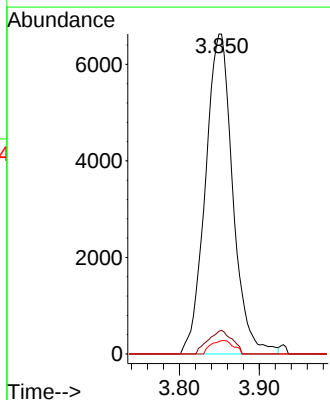
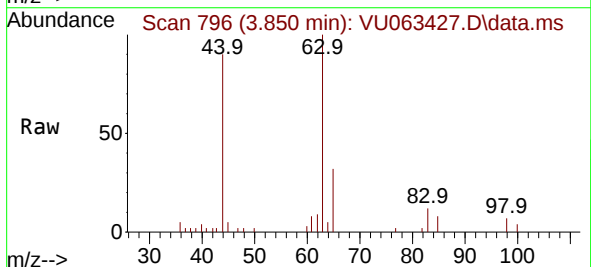
Manual Integrations  
APPROVED

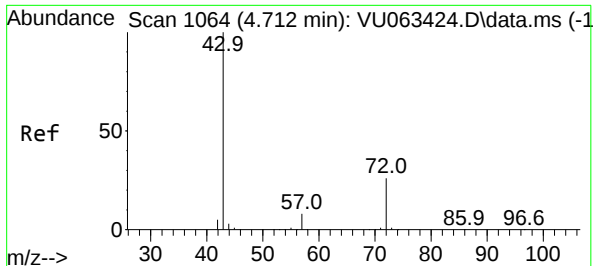
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#17  
1,1-Dichloroethane  
Concen: 0.515 ug/l  
RT: 3.850 min Scan# 796  
Delta R.T. -0.000 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Tgt Ion: 63 Resp: 15796  
Ion Ratio Lower Upper  
63 100  
98 7.1 2.8 8.4  
100 3.8 1.9 5.7





#18

2-Butanone

Concen: 2.869 ug/l

RT: 4.724 min Scan# 1068

Delta R.T. 0.013 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA\_U

ClientSampleId :

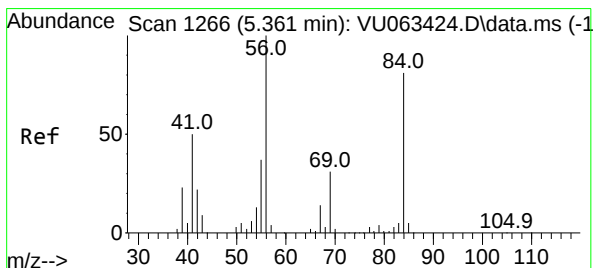
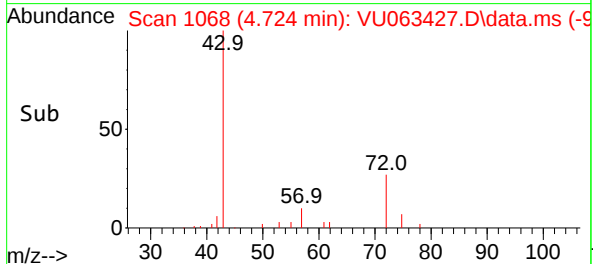
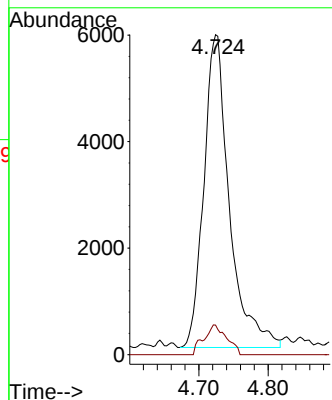
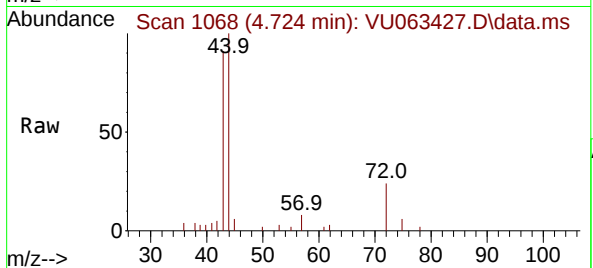
VSTDICC0.5

Tgt Ion: 43 Resp: 15009  
 Ion Ratio Lower Upper  
 43 100  
 57 9.5 0.0 16.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025  
 Supervised By :Semsettin Yesilyurt 06/25/2025



#19

Cyclohexane

Concen: 0.496 ug/l

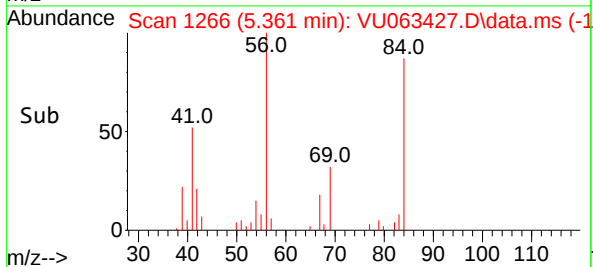
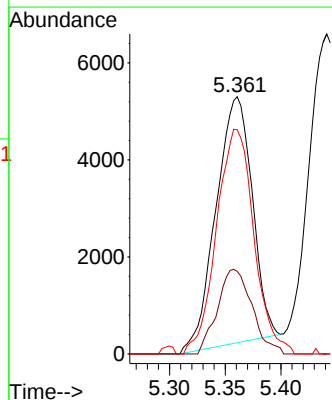
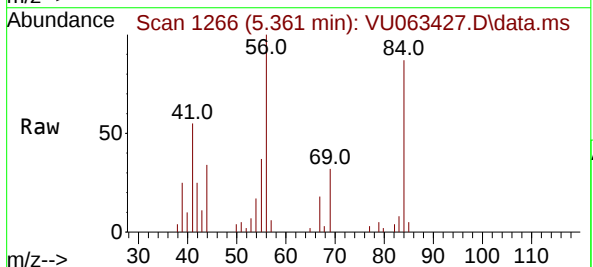
RT: 5.361 min Scan# 1266

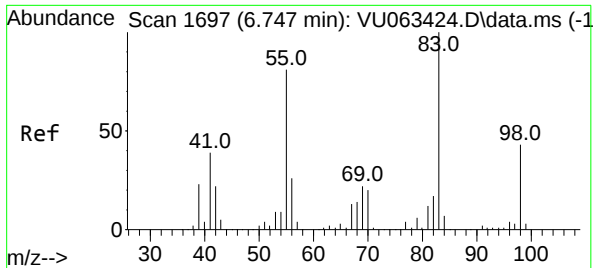
Delta R.T. -0.000 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Tgt Ion: 56 Resp: 11505  
 Ion Ratio Lower Upper  
 56 100  
 69 32.8 26.4 39.6  
 84 94.1 68.6 102.8





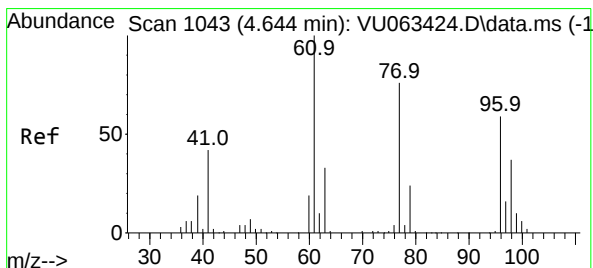
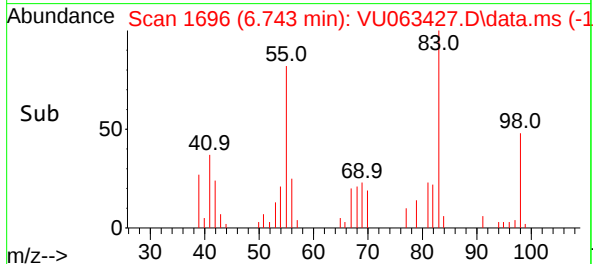
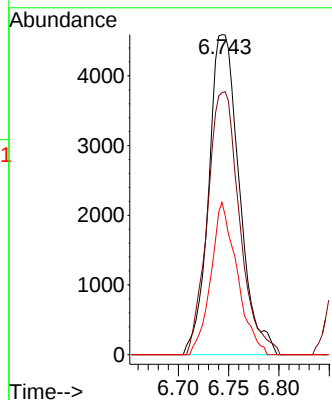
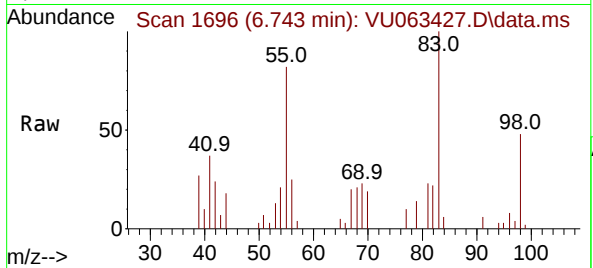
#20  
Methylcyclohexane  
Concen: 0.453 ug/l  
RT: 6.743 min Scan# 1696  
Delta R.T. -0.004 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5

Tgt Ion: 83 Resp: 970  
Ion Ratio Lower Upper  
83 100  
55 86.0 63.5 95.3  
98 40.9 34.2 51.4

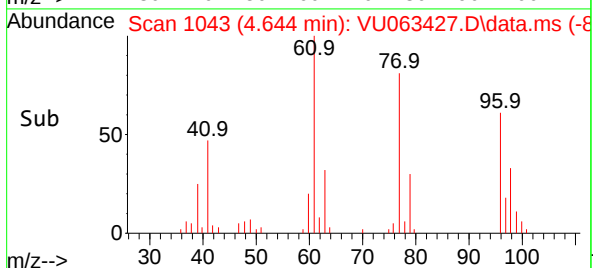
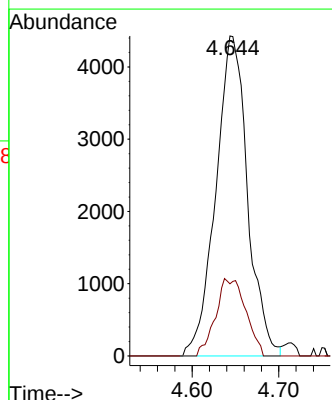
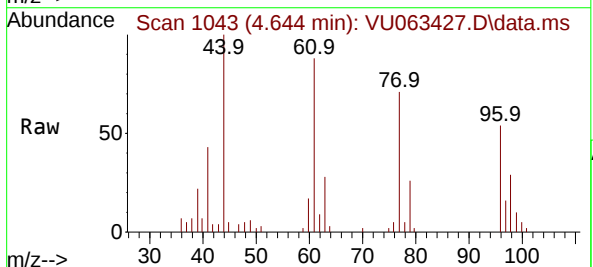
Manual Integrations  
APPROVED

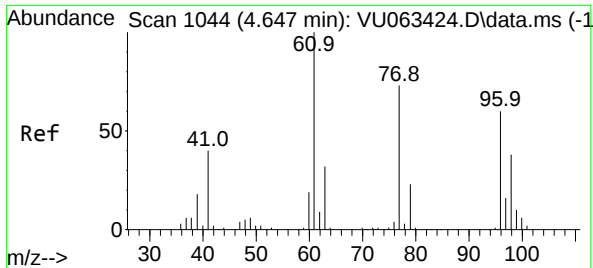
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#21  
2,2-Dichloropropane  
Concen: 0.517 ug/l  
RT: 4.644 min Scan# 1043  
Delta R.T. -0.000 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

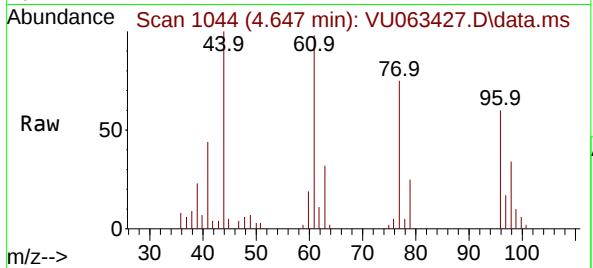
Tgt Ion: 77 Resp: 11273  
Ion Ratio Lower Upper  
77 100  
97 11.6 17.2 25.8#





#22  
 cis-1,2-Dichloroethene  
 Concen: 0.523 ug/l  
 RT: 4.647 min Scan# 1044  
 Delta R.T. -0.000 min  
 Lab File: VU063427.D  
 Acq: 23 Jun 2025 14:36

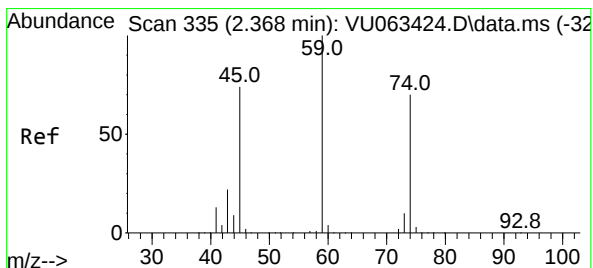
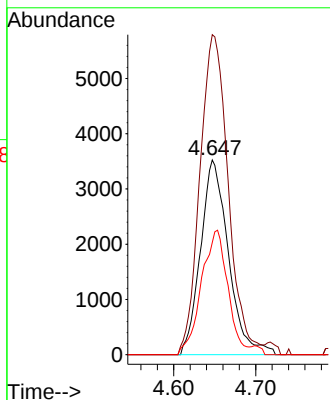
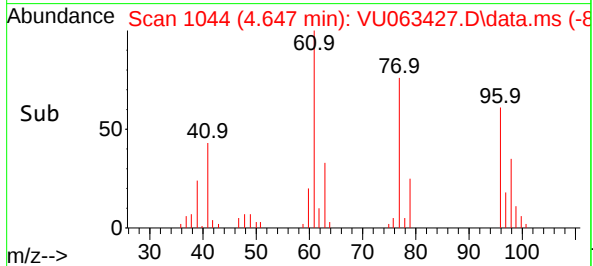
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC0.5



Tgt Ion: 96 Resp: 833  
 Ion Ratio Lower Upper  
 96 100  
 61 166.5 0.0 434.3  
 98 60.5 31.9 95.7

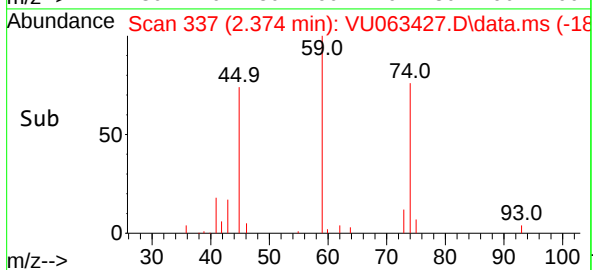
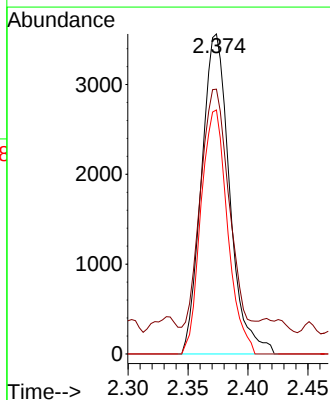
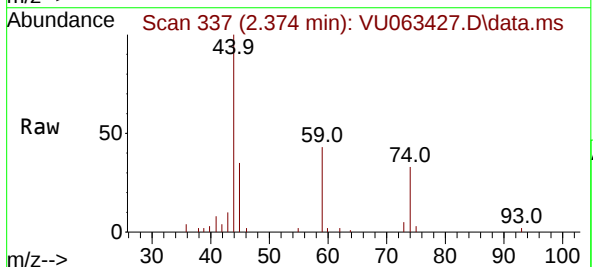
Manual Integrations  
 APPROVED

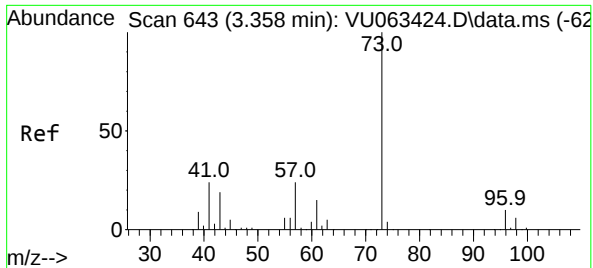
Reviewed By :Mahesh Dadoda 06/25/2025  
 Supervised By :Semsettin Yesilyurt 06/25/2025



#23  
 Diethyl Ether  
 Concen: 0.496 ug/l  
 RT: 2.374 min Scan# 337  
 Delta R.T. 0.006 min  
 Lab File: VU063427.D  
 Acq: 23 Jun 2025 14:36

Tgt Ion: 59 Resp: 5801  
 Ion Ratio Lower Upper  
 59 100  
 45 73.7 60.7 91.1  
 74 72.2 55.8 83.6





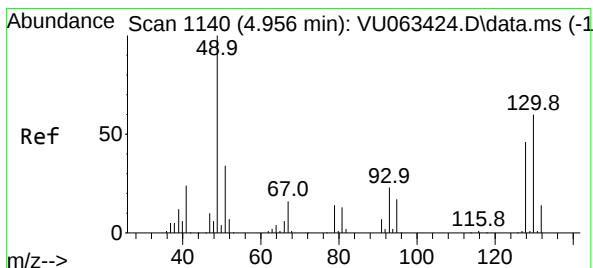
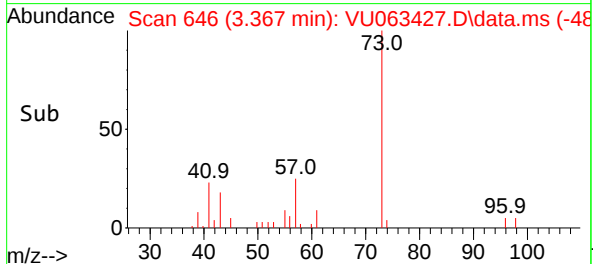
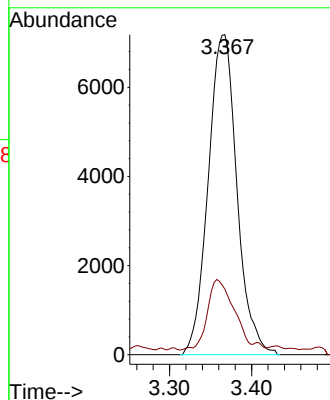
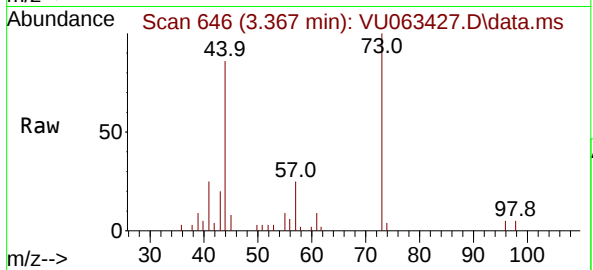
#25  
Methyl tert-Butyl Ether  
Concen: 0.496 ug/l  
RT: 3.367 min Scan# 643  
Delta R.T. 0.009 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5

Tgt Ion: 73 Resp: 1750  
Ion Ratio Lower Upper  
73 100  
43 20.2 15.1 22.7

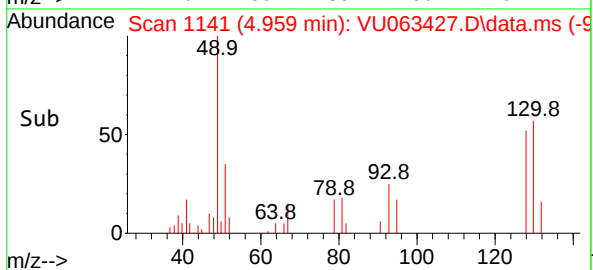
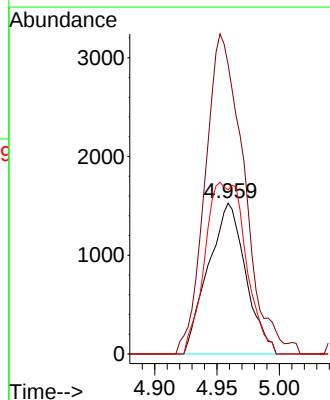
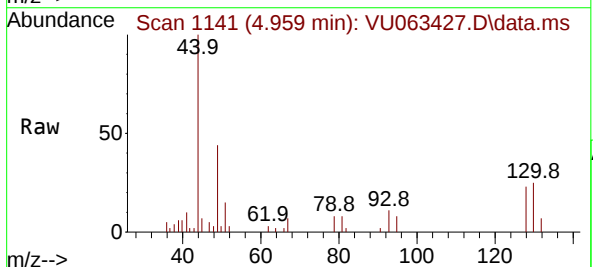
Manual Integrations  
APPROVED

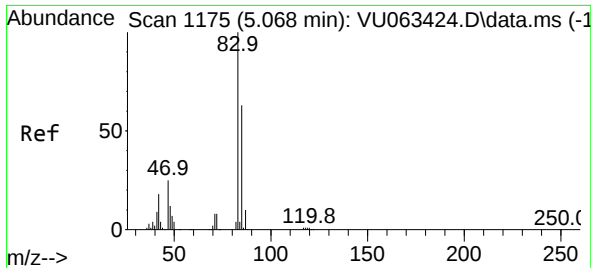
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#26  
Bromochloromethane  
Concen: 0.515 ug/l  
RT: 4.959 min Scan# 1141  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

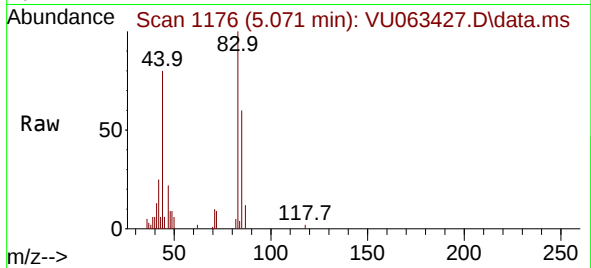
Tgt Ion:128 Resp: 3192  
Ion Ratio Lower Upper  
128 100  
49 220.3 0.0 441.2  
130 124.7 102.3 153.5





#27  
Chloroform  
Concen: 0.523 ug/l  
RT: 5.071 min Scan# 1176  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

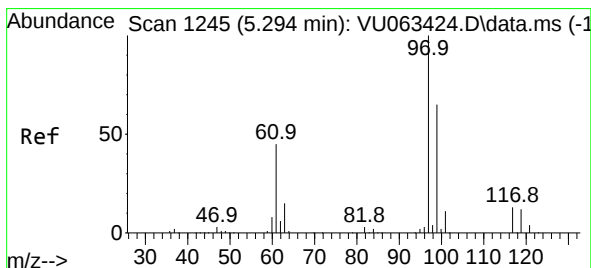
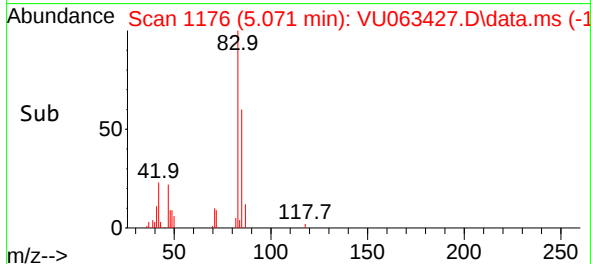
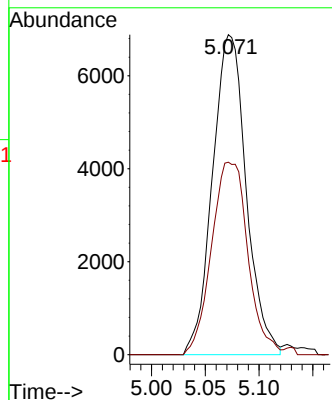
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



Tgt Ion: 83 Resp: 15019  
Ion Ratio Lower Upper  
83 100  
85 60.2 0.0 126.8

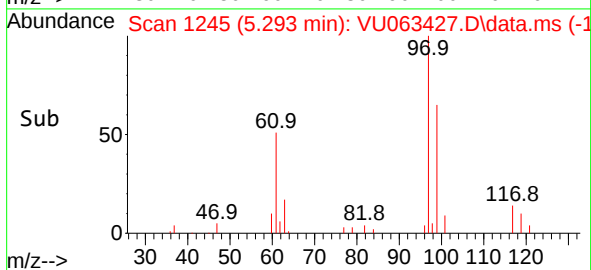
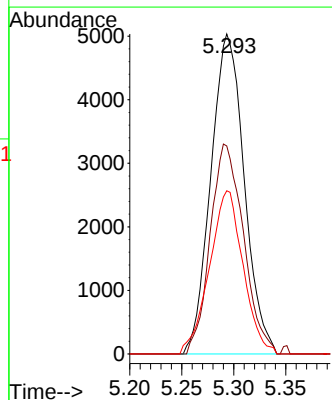
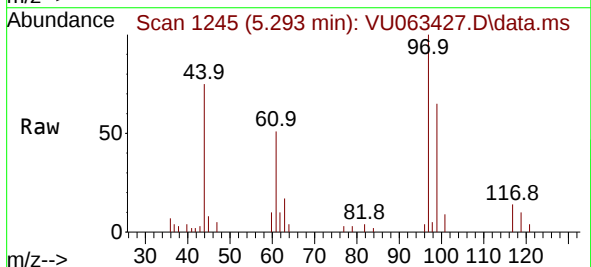
Manual Integrations  
APPROVED

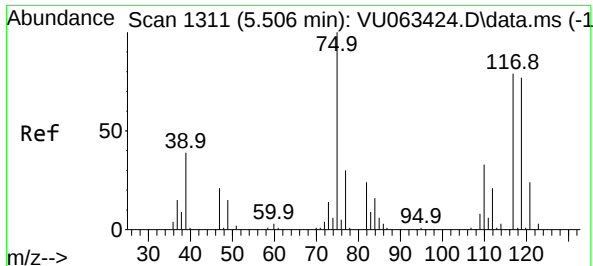
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#28  
1,1,1-Trichloroethane  
Concen: 0.483 ug/l  
RT: 5.293 min Scan# 1245  
Delta R.T. -0.000 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Tgt Ion: 97 Resp: 11251  
Ion Ratio Lower Upper  
97 100  
99 65.3 31.9 95.5  
61 51.3 22.9 68.7





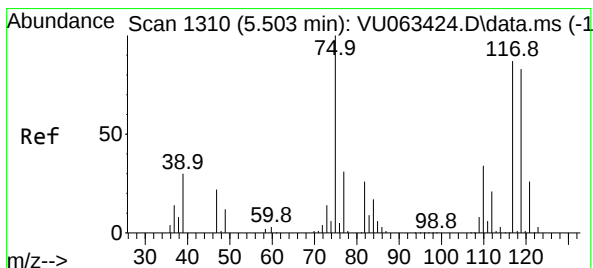
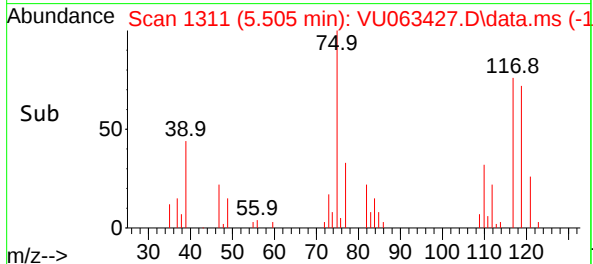
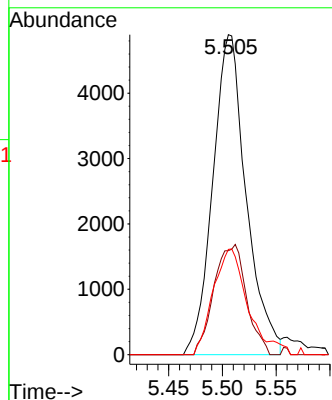
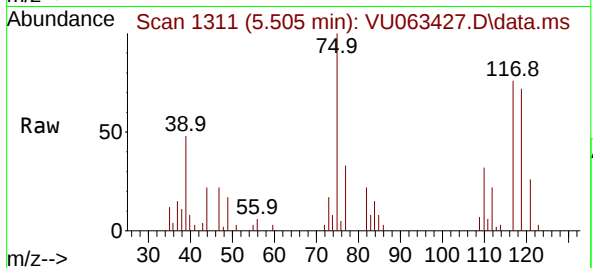
#29  
1,1-Dichloropropene  
Concen: 0.496 ug/l  
RT: 5.505 min Scan# 1311  
Delta R.T. -0.001 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5

Tgt Ion: 75 Resp: 10552  
Ion Ratio Lower Upper  
75 100  
110 33.5 17.4 52.2  
77 34.3 25.4 38.0

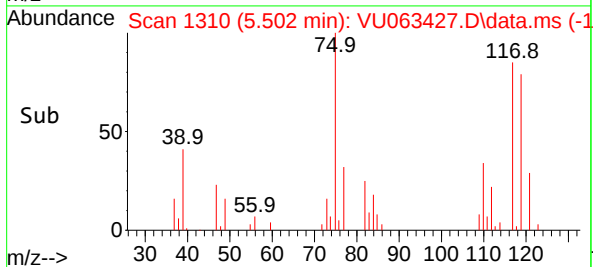
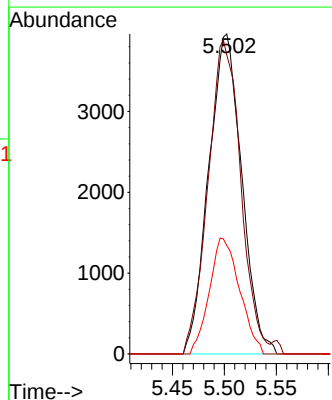
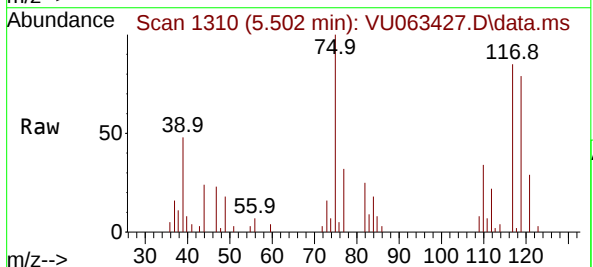
Manual Integrations  
APPROVED

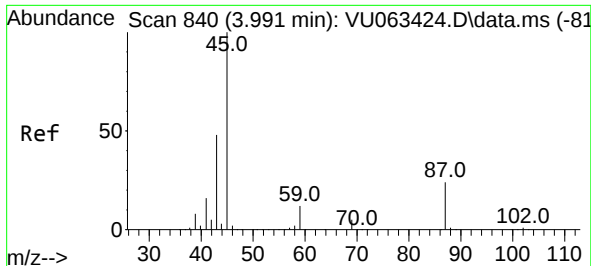
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#30  
Carbon Tetrachloride  
Concen: 0.470 ug/l  
RT: 5.502 min Scan# 1310  
Delta R.T. -0.000 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

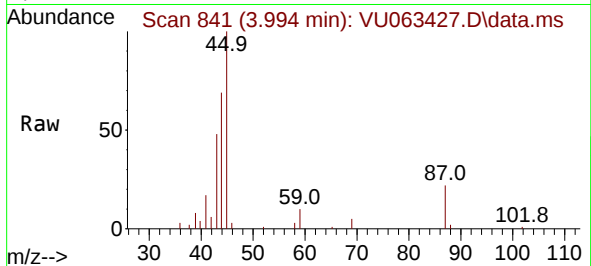
Tgt Ion:117 Resp: 8753  
Ion Ratio Lower Upper  
117 100  
119 90.9 76.7 115.1  
121 33.0 24.3 36.5





#31  
Isopropyl Ether  
Concen: 0.527 ug/l  
RT: 3.994 min Scan# 840  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

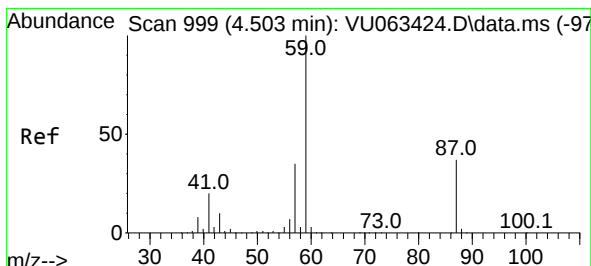
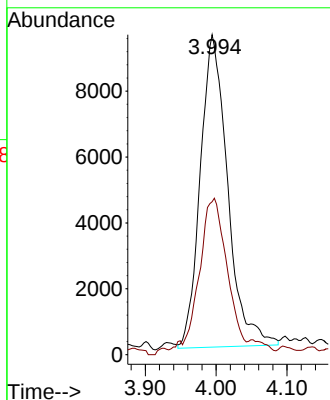
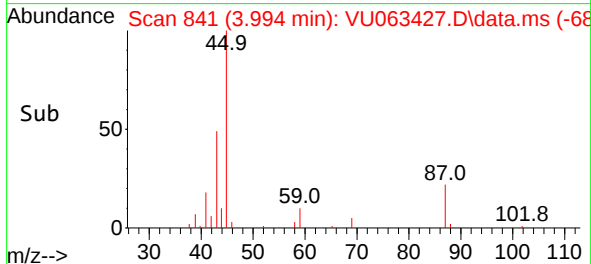
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



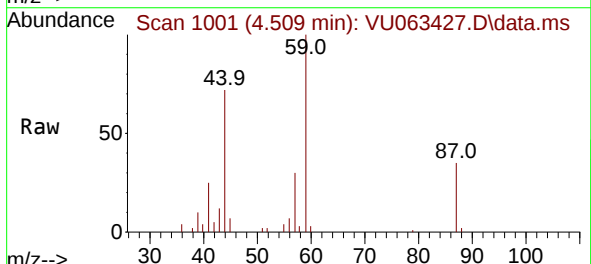
Tgt Ion: 45 Resp: 25400  
Ion Ratio Lower Upper  
45 100  
43 48.2 23.8 71.5

Manual Integrations  
APPROVED

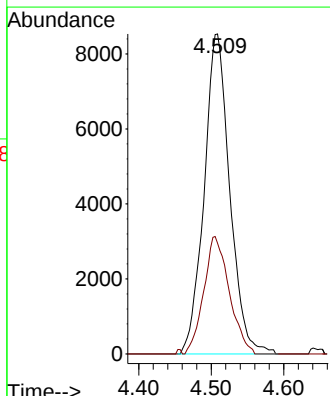
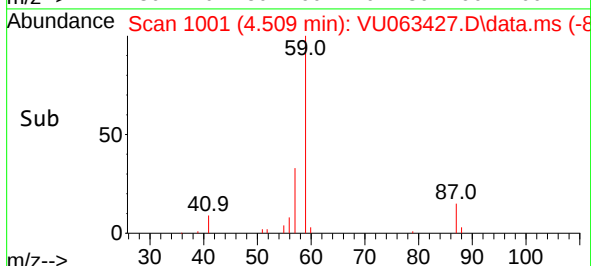
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025

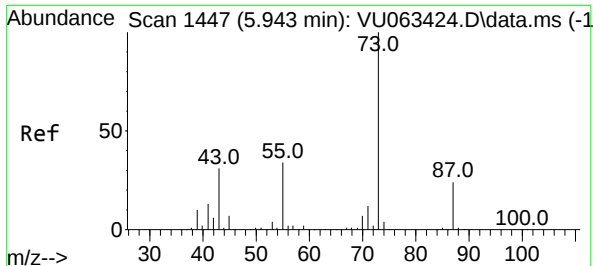


#32  
Ethyl-t-butyl ether  
Concen: 0.517 ug/l  
RT: 4.509 min Scan# 1001  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36



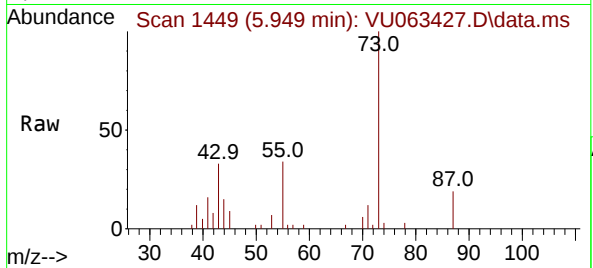
Tgt Ion: 59 Resp: 20953  
Ion Ratio Lower Upper  
59 100  
87 36.5 29.9 44.9





#33  
Tert-Amyl methyl ether  
Concen: 0.463 ug/l  
RT: 5.949 min Scan# 1449  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

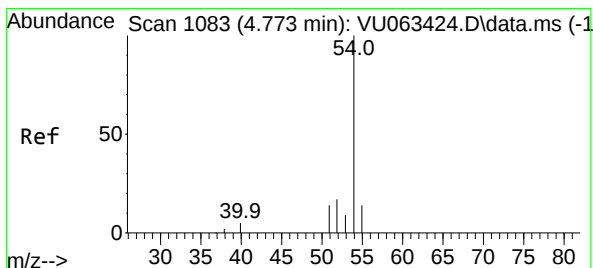
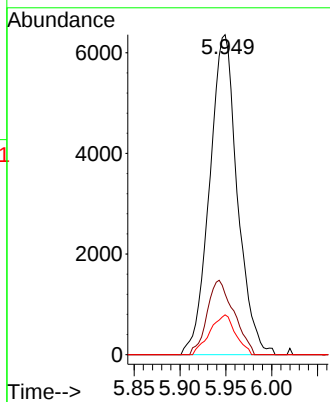
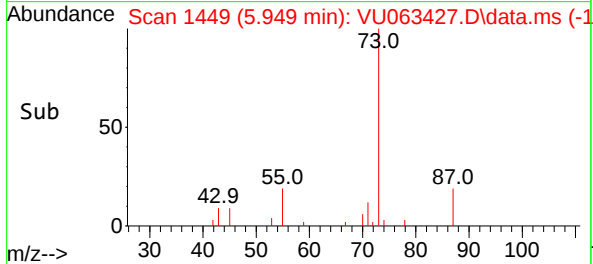
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



Tgt Ion: 73 Resp: 1342  
Ion Ratio Lower Upper  
73 100  
87 22.3 18.1 27.1  
71 11.5 10.0 15.0

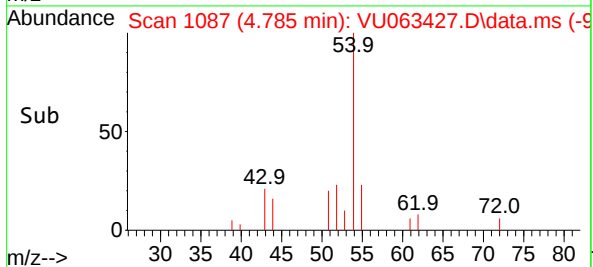
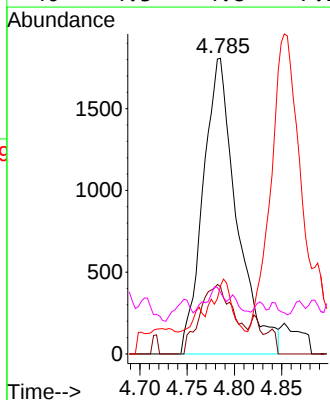
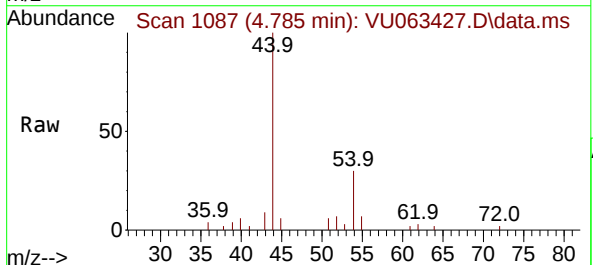
Manual Integrations  
APPROVED

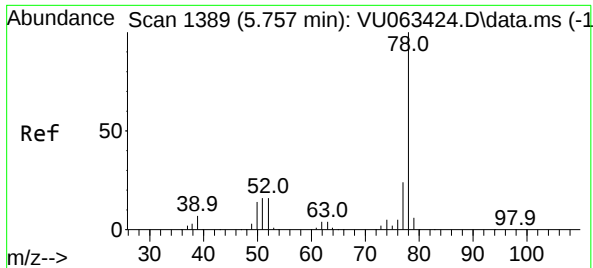
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#34  
Propionitrile  
Concen: 2.953 ug/l  
RT: 4.785 min Scan# 1087  
Delta R.T. 0.013 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Tgt Ion: 54 Resp: 4468  
Ion Ratio Lower Upper  
54 100  
52 24.1 14.8 22.2#  
55 10.2 12.2 18.2#  
40 4.3 4.8 7.2#





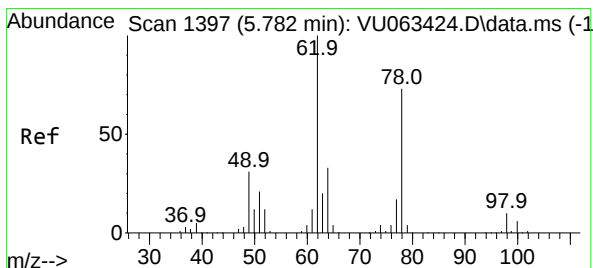
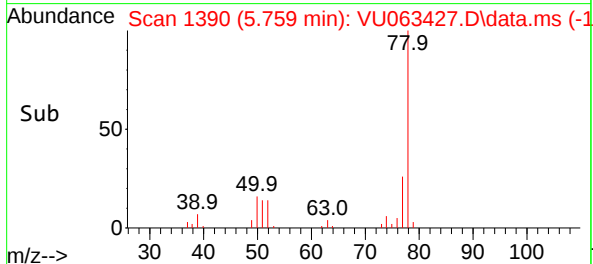
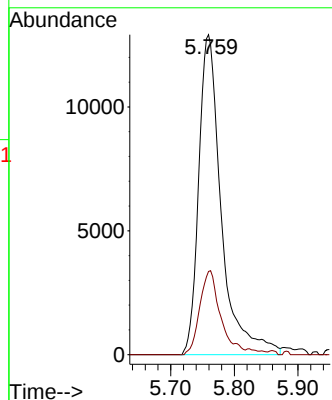
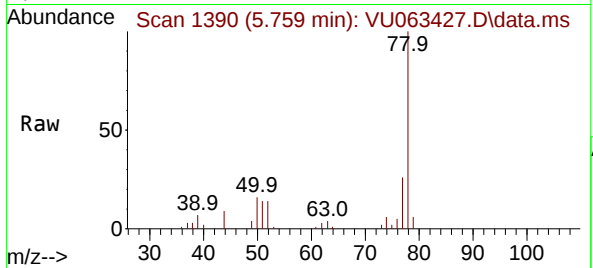
#35  
Benzene  
Concen: 0.495 ug/l  
RT: 5.759 min Scan# 1389  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5

Tgt Ion: 78 Resp: 31874  
Ion Ratio Lower Upper  
78 100  
77 26.0 19.4 29.2

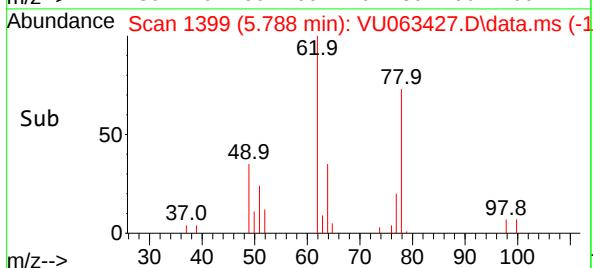
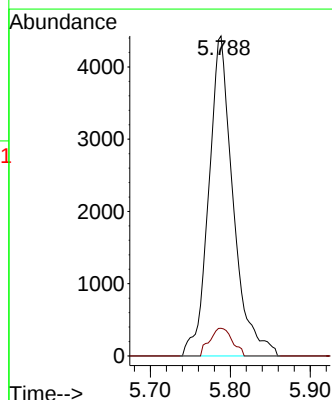
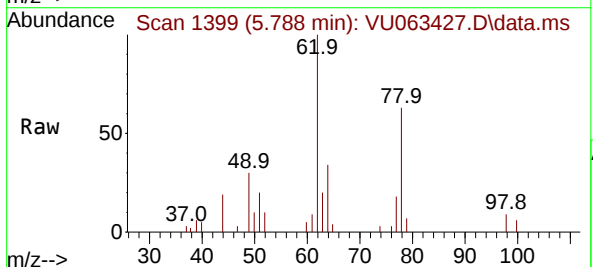
Manual Integrations  
APPROVED

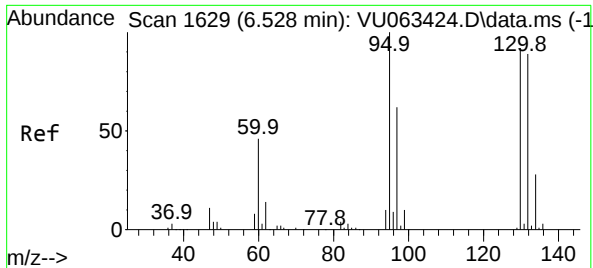
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#36  
1,2-Dichloroethane  
Concen: 0.498 ug/l  
RT: 5.788 min Scan# 1399  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Tgt Ion: 62 Resp: 9372  
Ion Ratio Lower Upper  
62 100  
98 8.0 7.1 10.7





#37  
 Trichloroethene  
 Concen: 0.472 ug/l  
 RT: 6.531 min Scan# 1709  
 Delta R.T. 0.003 min  
 Lab File: VU063427.D  
 Acq: 23 Jun 2025 14:36

Instrument :

MSVOA\_U

ClientSampleId :

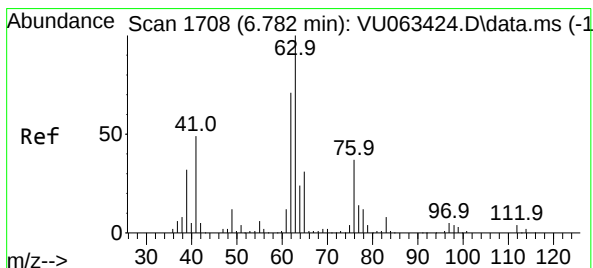
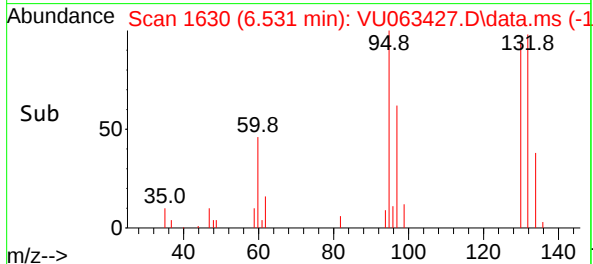
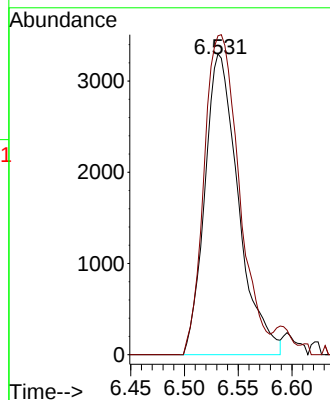
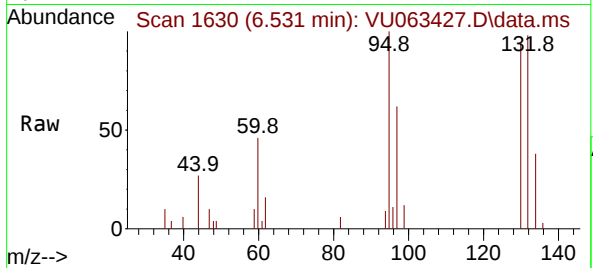
VSTDICC0.5

Tgt Ion:130 Resp: 7179  
 Ion Ratio Lower Upper  
 130 100  
 95 106.0 87.2 130.8

Manual Integrations

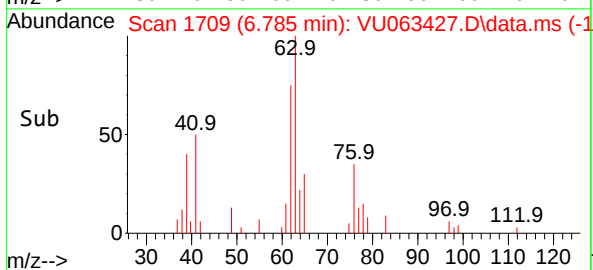
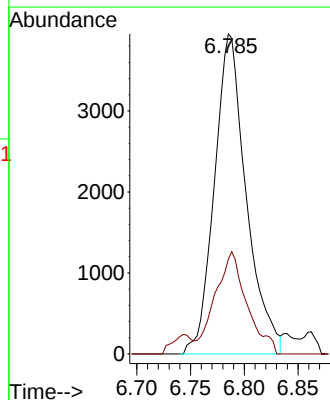
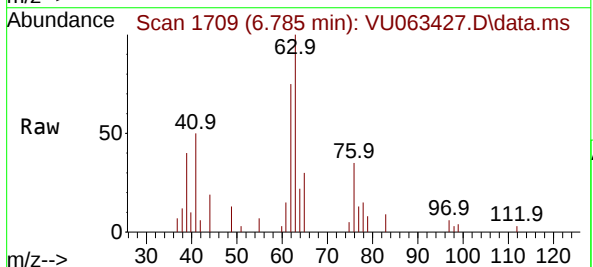
APPROVED

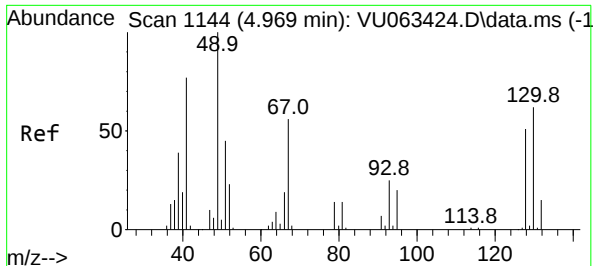
Reviewed By :Mahesh Dadoda 06/25/2025  
 Supervised By :Semsettin Yesilyurt 06/25/2025



#38  
 1,2-Dichloropropane  
 Concen: 0.458 ug/l  
 RT: 6.785 min Scan# 1709  
 Delta R.T. 0.003 min  
 Lab File: VU063427.D  
 Acq: 23 Jun 2025 14:36

Tgt Ion: 63 Resp: 8136  
 Ion Ratio Lower Upper  
 63 100  
 65 29.6 25.0 37.6





#39

Methacrylonitrile

Concen: 0.631 ug/l

RT: 4.981 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VU063427.D

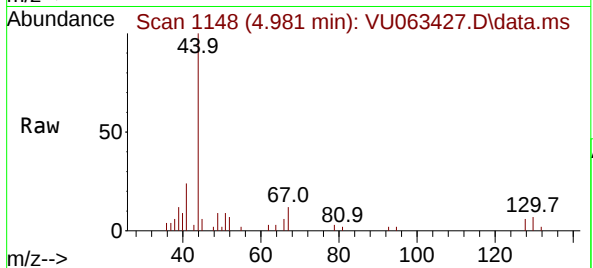
Acq: 23 Jun 2025 14:36

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICC0.5



Tgt Ion: 41 Resp: 3970

Ion Ratio Lower Upper

41 100

67 57.8 59.8 89.8

39 41.3 40.7 61.1

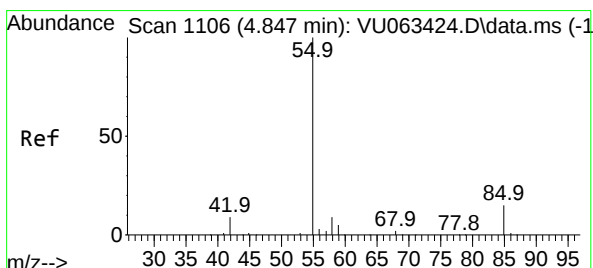
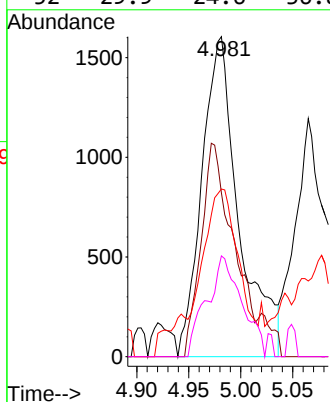
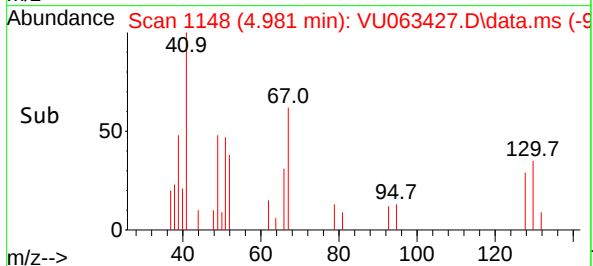
52 29.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#40

Methyl acrylate

Concen: 0.569 ug/l m

RT: 4.853 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Tgt Ion: 55 Resp: 5040

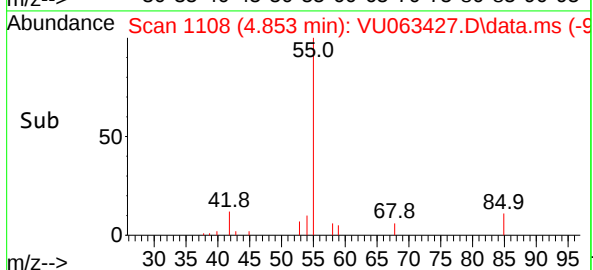
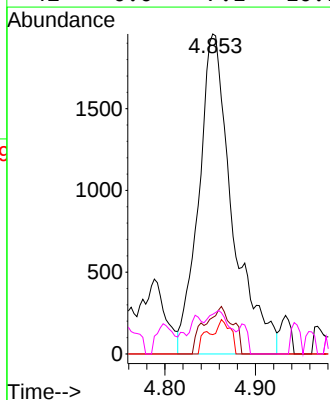
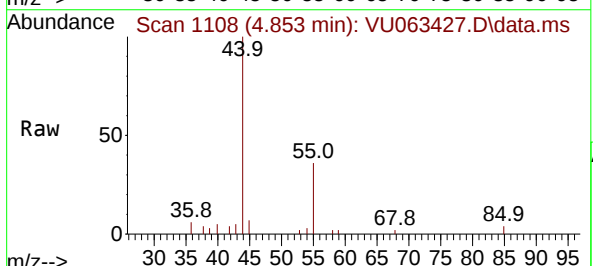
Ion Ratio Lower Upper

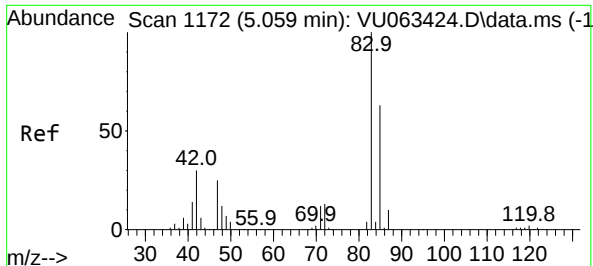
55 100

85 0.0 12.6 19.0#

58 2.4 6.9 10.3#

42 0.0 7.1 10.7#





#41

Tetrahydrofuran

Concen: 1.281 ug/l

RT: 5.065 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA\_U

ClientSampleId :

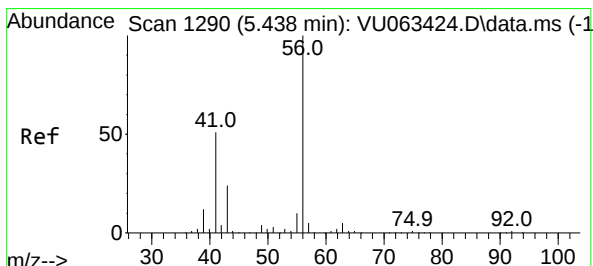
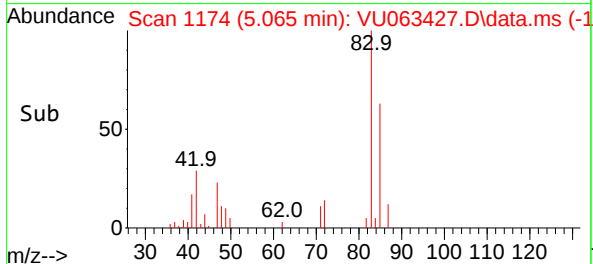
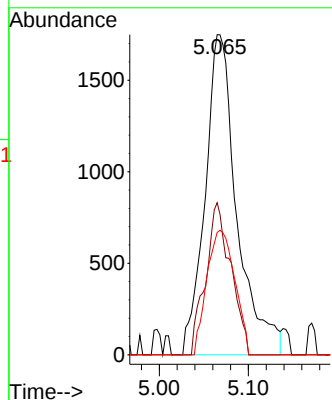
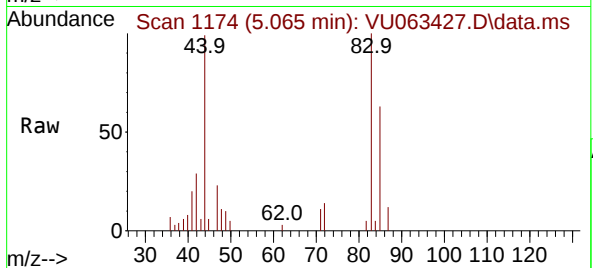
VSTDICC0.5

|             |                |
|-------------|----------------|
| Tgt Ion: 42 | Resp: 4338     |
| Ion Ratio   | Lower Upper    |
| 42          | 100            |
| 72          | 37.5 35.4 53.2 |
| 71          | 34.2 31.4 47.0 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#42

1-Chlorobutane

Concen: 0.483 ug/l m

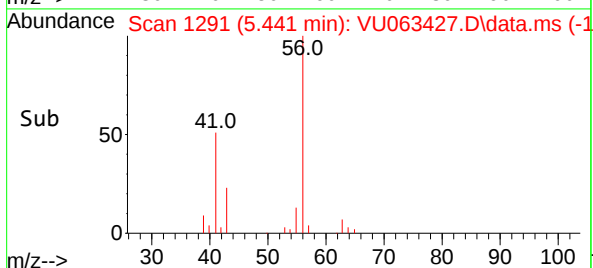
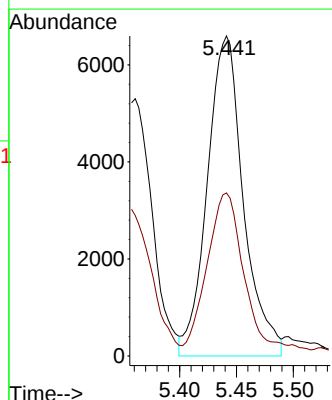
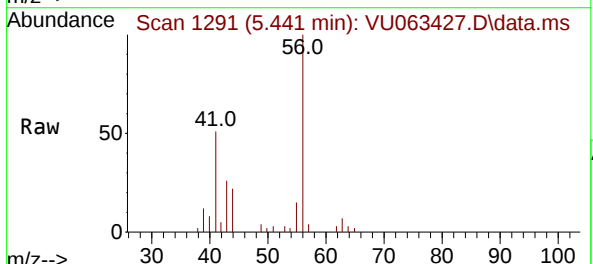
RT: 5.441 min Scan# 1291

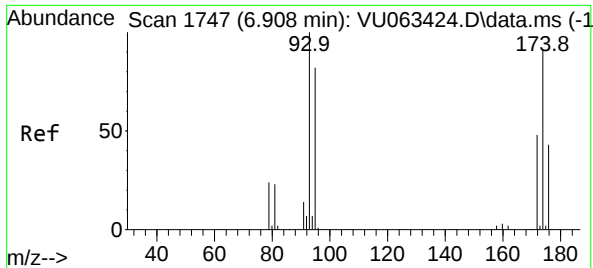
Delta R.T. 0.003 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

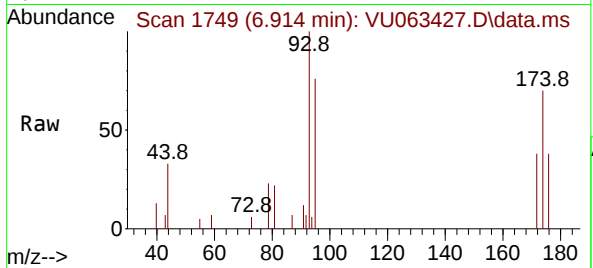
|             |                |
|-------------|----------------|
| Tgt Ion: 56 | Resp: 14591    |
| Ion Ratio   | Lower Upper    |
| 56          | 100            |
| 41          | 50.3 26.4 79.0 |





#43  
Dibromomethane  
Concen: 0.516 ug/l  
RT: 6.914 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

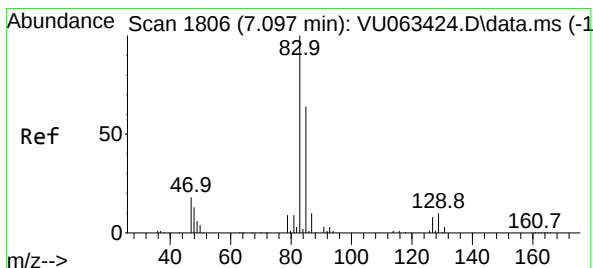
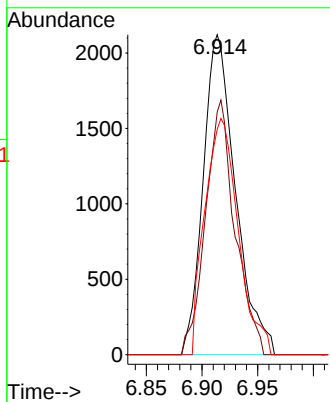
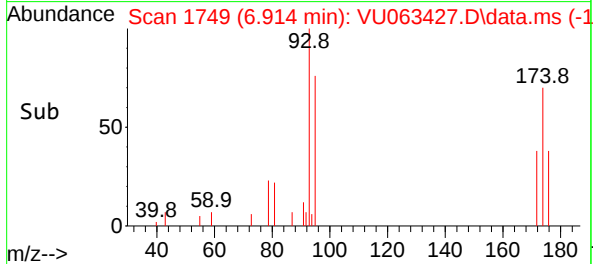
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



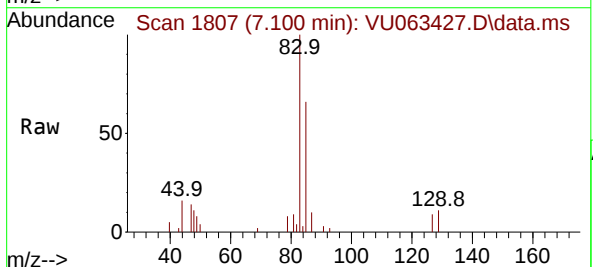
Tgt Ion: 93 Resp: 4280  
Ion Ratio Lower Upper  
93 100  
95 72.4 66.7 100.1  
174 76.1 71.1 106.7

Manual Integrations  
APPROVED

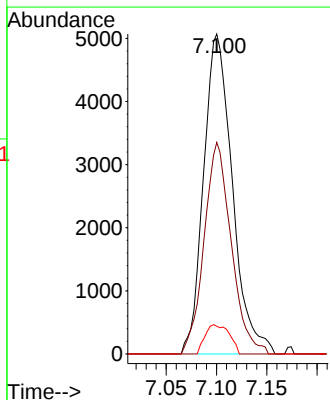
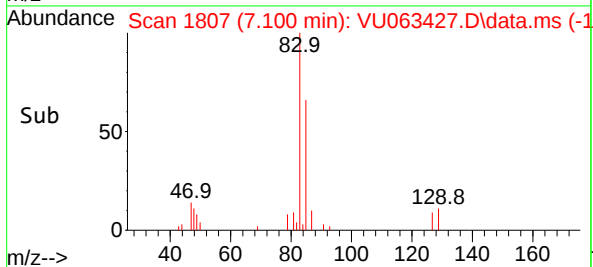
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025

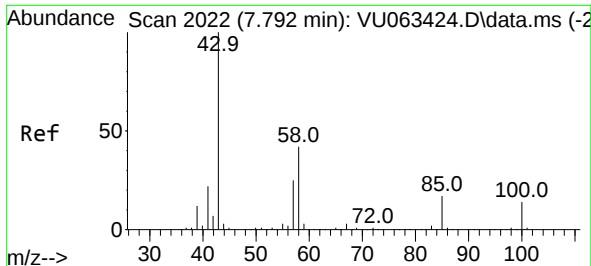


#44  
Bromodichloromethane  
Concen: 0.499 ug/l  
RT: 7.100 min Scan# 1807  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36



Tgt Ion: 83 Resp: 10088  
Ion Ratio Lower Upper  
83 100  
85 66.1 51.4 77.2  
127 8.6 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 2.187 ug/l

RT: 7.804 min Scan# 2022

Delta R.T. 0.013 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA\_U

ClientSampleId :

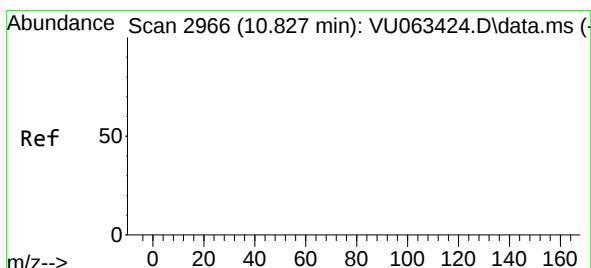
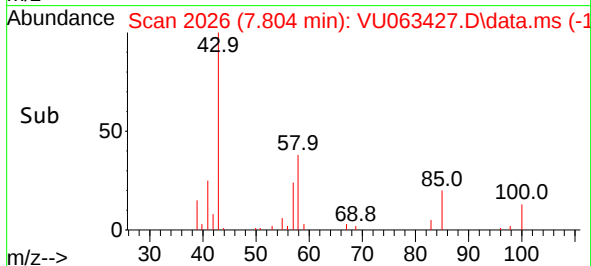
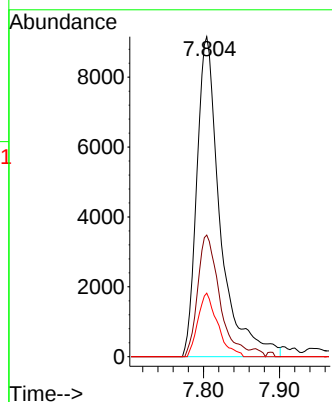
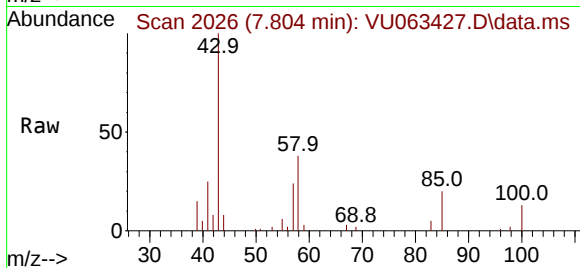
VSTDIC0.5

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 1950  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 35.6  | 20.5  | 61.6  |
| 85       | 16.8  | 14.2  | 21.2  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#46

t-1,4-Dichloro-2-butene

Concen: 1.285 ug/l m

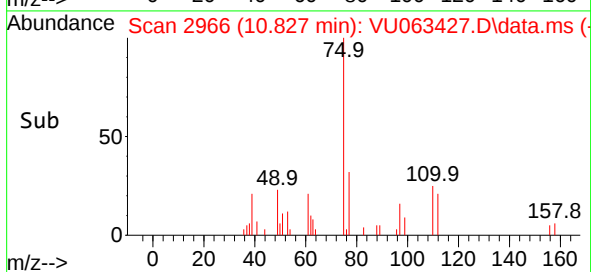
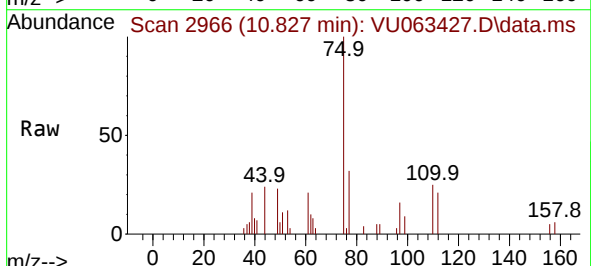
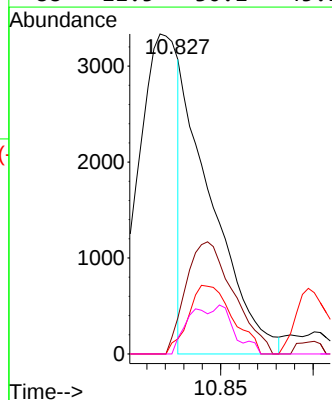
RT: 10.827 min Scan# 2966

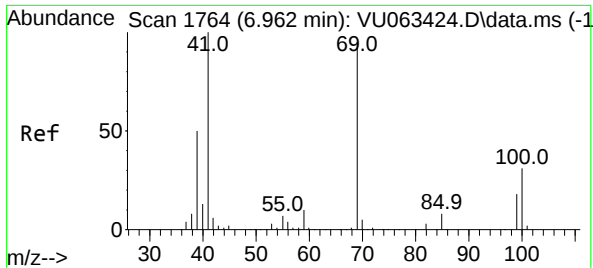
Delta R.T. -0.000 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 3657  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 57.4  | 61.4  | 92.2# |
| 89       | 32.4  | 39.2  | 58.8# |
| 88       | 11.5  | 30.1  | 45.1# |





#47

Methyl methacrylate

Concen: 1.504 ug/l

RT: 6.978 min Scan# 1769

Delta R.T. 0.016 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 69 Resp: 489

Ion Ratio Lower Upper

69 100

41 111.4 0.0 212.6

39 50.3 40.6 61.0

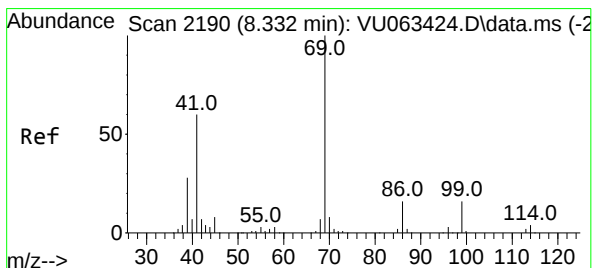
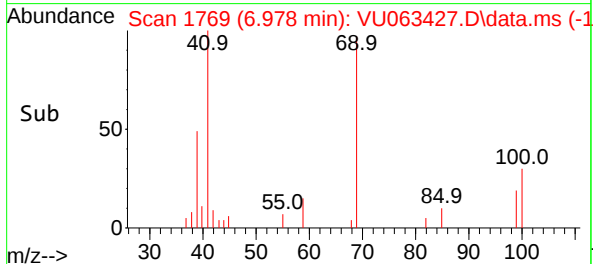
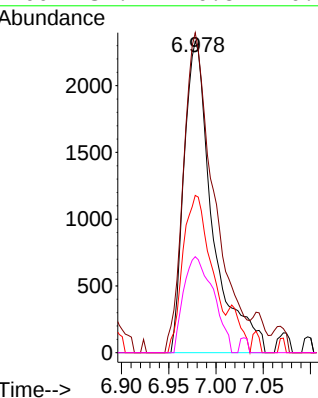
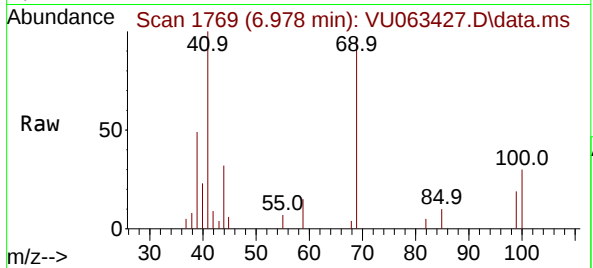
100 32.2 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#48

Ethyl methacrylate

Concen: 0.650 ug/l

RT: 8.341 min Scan# 2193

Delta R.T. 0.009 min

Lab File: VU063427.D

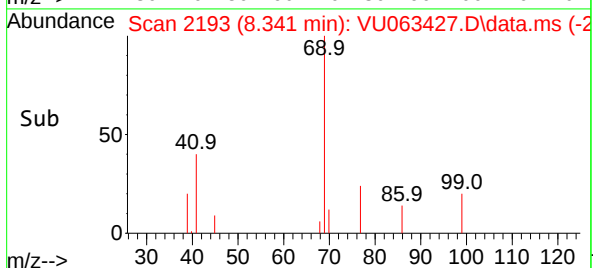
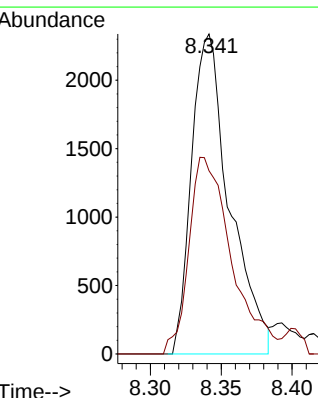
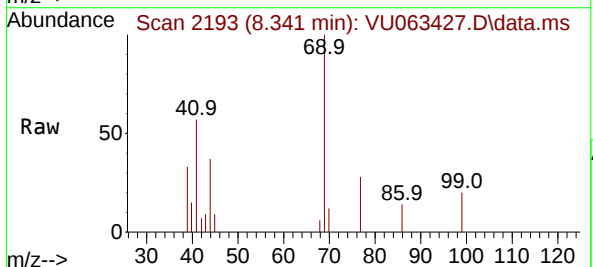
Acq: 23 Jun 2025 14:36

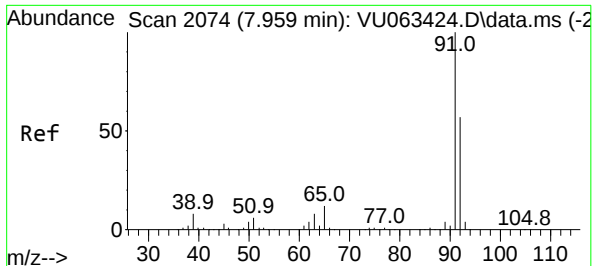
Tgt Ion: 69 Resp: 4371

Ion Ratio Lower Upper

69 100

41 68.7 30.6 92.0





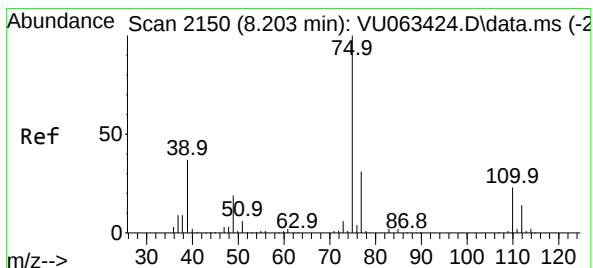
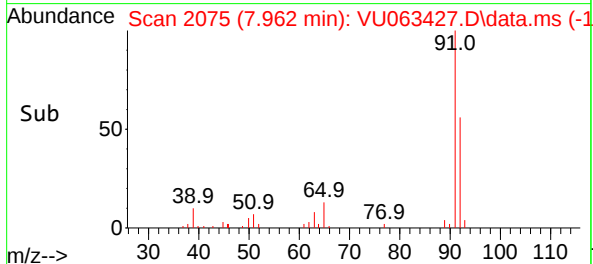
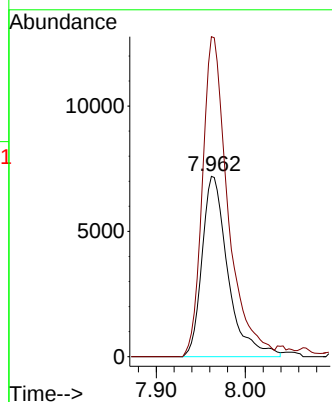
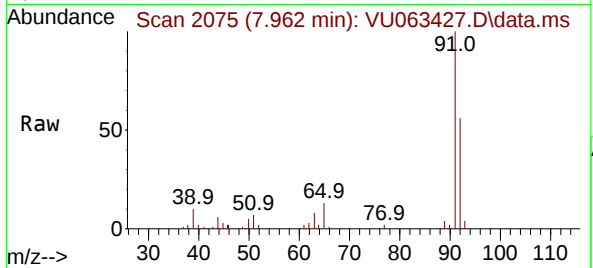
#49  
Toluene  
Concen: 0.411 ug/l  
RT: 7.962 min Scan# 2075  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC0.5

Tgt Ion: 92 Resp: 14519  
Ion Ratio Lower Upper  
92 100  
91 175.3 142.0 213.0

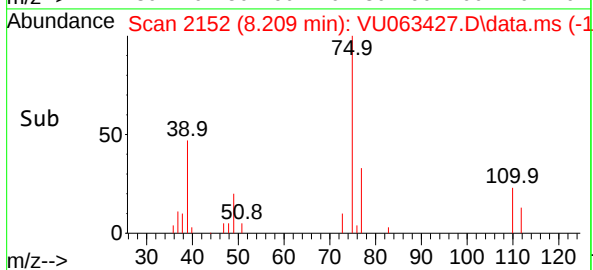
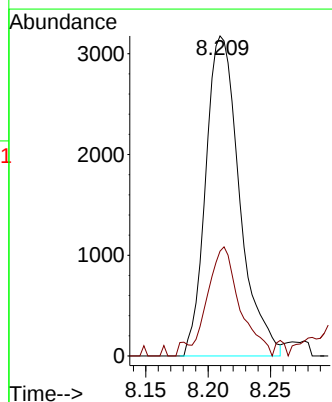
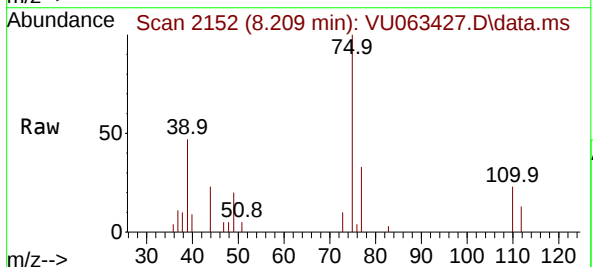
Manual Integrations  
APPROVED

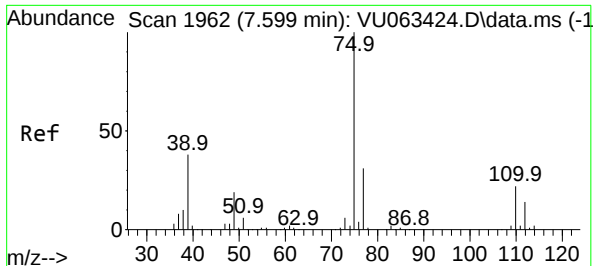
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#50  
t-1,3-Dichloropropene  
Concen: 0.412 ug/l  
RT: 8.209 min Scan# 2152  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

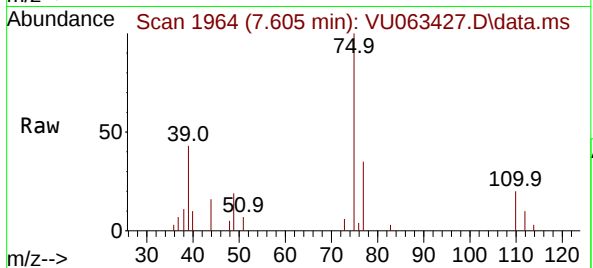
Tgt Ion: 75 Resp: 6008  
Ion Ratio Lower Upper  
75 100  
77 28.6 24.5 36.7





#51  
 cis-1,3-Dichloropropene  
 Concen: 0.413 ug/l  
 RT: 7.605 min Scan# 1962  
 Delta R.T. 0.006 min  
 Lab File: VU063427.D  
 Acq: 23 Jun 2025 14:36

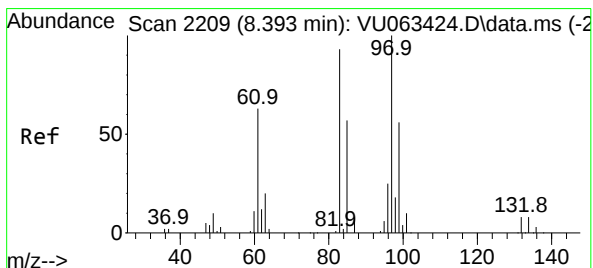
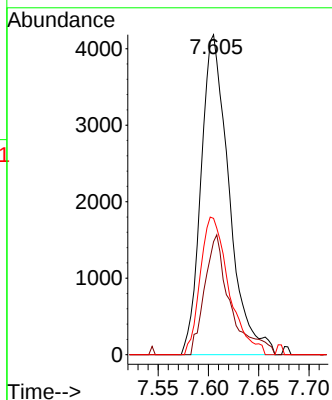
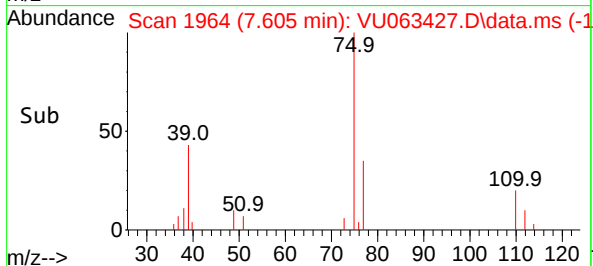
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC0.5



Tgt Ion: 75 Resp: 8088  
 Ion Ratio Lower Upper  
 75 100  
 77 35.3 24.8 37.2  
 39 42.6 30.7 46.1

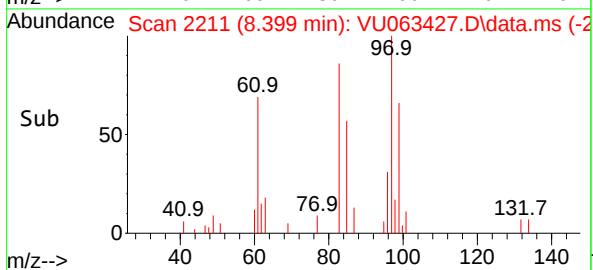
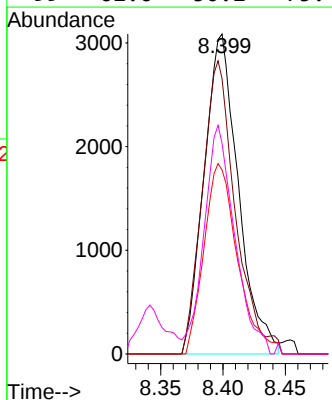
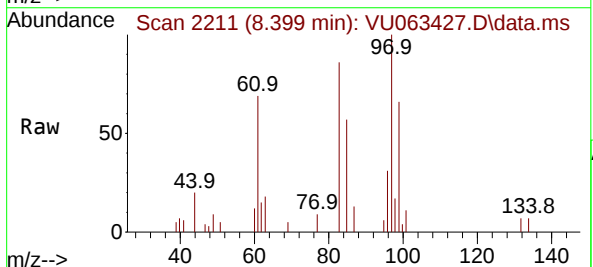
Manual Integrations  
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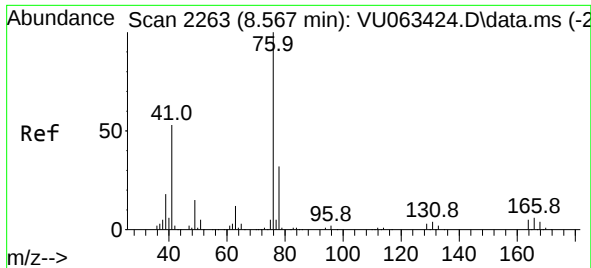
Reviewed By :Mahesh Dadoda 06/25/2025  
 Supervised By :Semsettin Yesilyurt 06/25/2025



#52  
 1,1,2-Trichloroethane  
 Concen: 0.485 ug/l  
 RT: 8.399 min Scan# 2211  
 Delta R.T. 0.006 min  
 Lab File: VU063427.D  
 Acq: 23 Jun 2025 14:36

Tgt Ion: 97 Resp: 5889  
 Ion Ratio Lower Upper  
 97 100  
 83 86.1 74.1 111.1  
 85 57.5 45.8 68.8  
 99 62.6 50.2 75.4





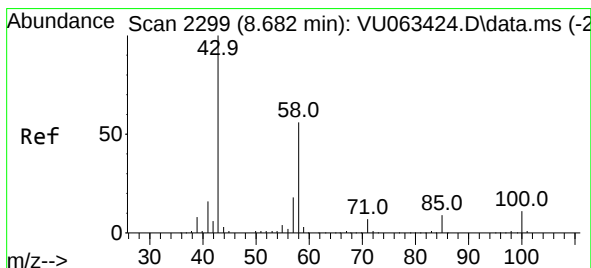
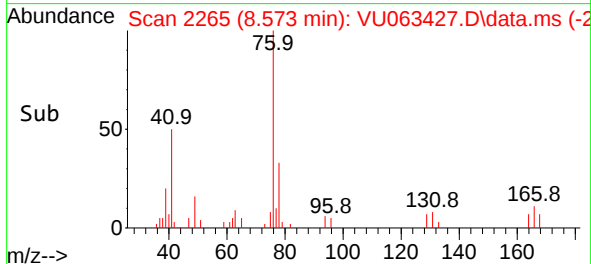
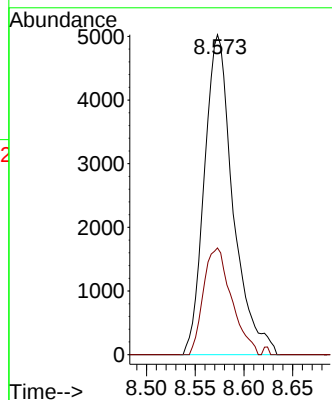
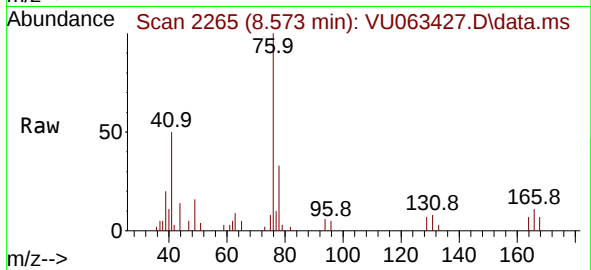
#53  
1,3-Dichloropropane  
Concen: 0.491 ug/l  
RT: 8.573 min Scan# 2104  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5

Tgt Ion: 76 Resp: 1026  
Ion Ratio Lower Upper  
76 100  
78 32.8 25.7 38.5

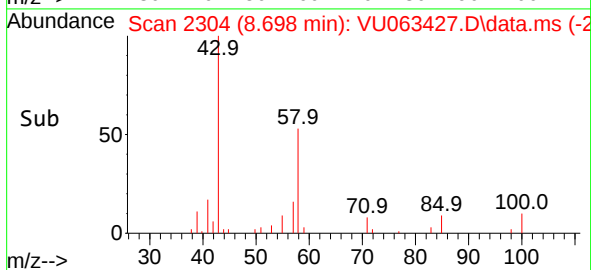
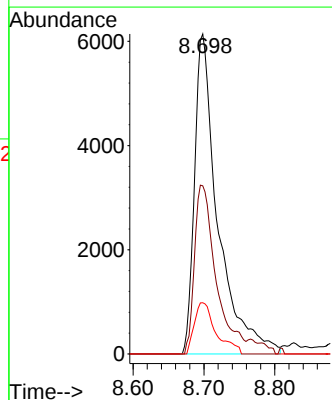
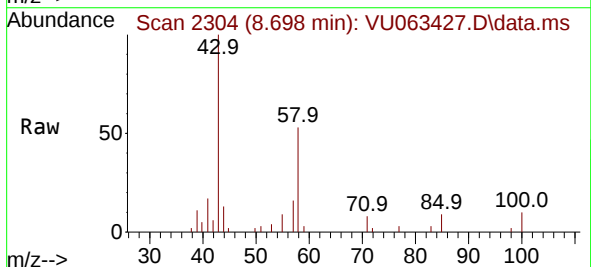
Manual Integrations  
APPROVED

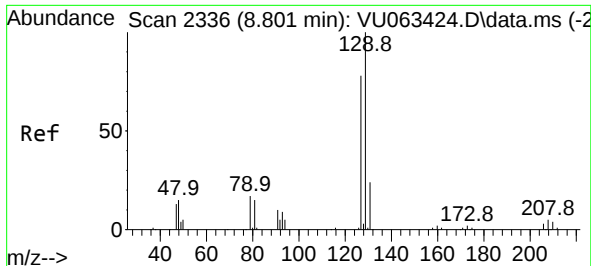
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#54  
2-Hexanone  
Concen: 3.353 ug/l  
RT: 8.698 min Scan# 2304  
Delta R.T. 0.016 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

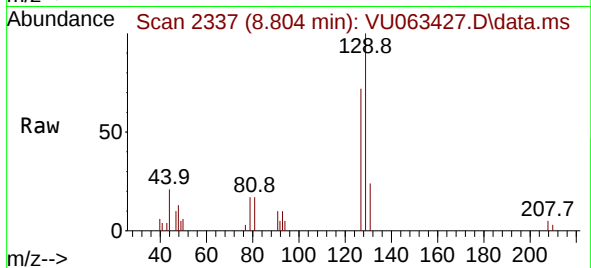
Tgt Ion: 43 Resp: 14049  
Ion Ratio Lower Upper  
43 100  
58 48.6 36.9 76.9  
57 14.8 0.0 38.8





#55  
Dibromochloromethane  
Concen: 0.488 ug/l  
RT: 8.804 min Scan# 2337  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

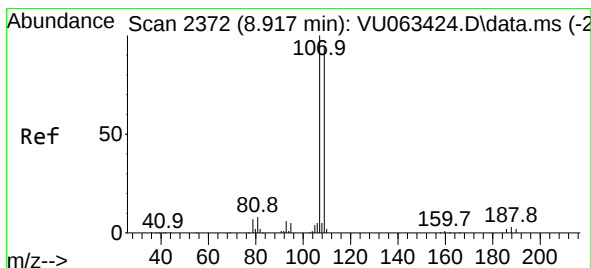
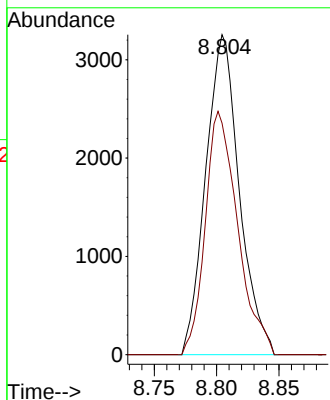
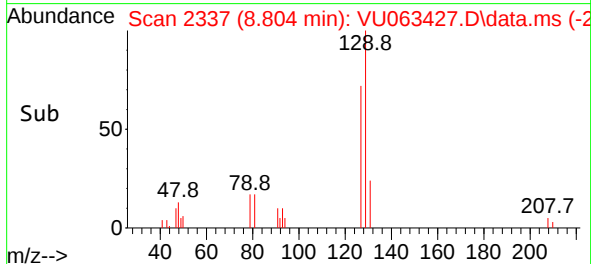
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



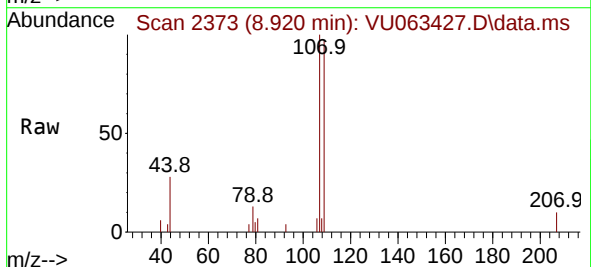
Tgt Ion:129 Resp: 6110  
Ion Ratio Lower Upper  
129 100  
127 73.3 62.6 93.8

Manual Integrations  
APPROVED

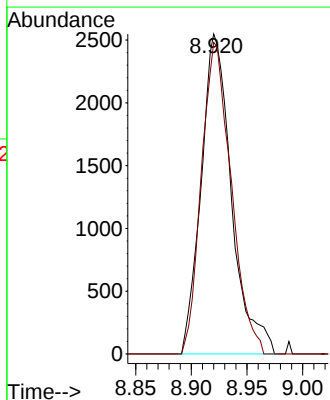
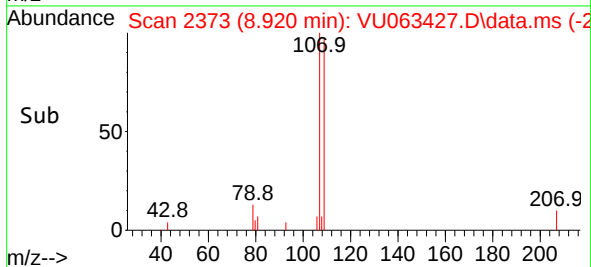
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025

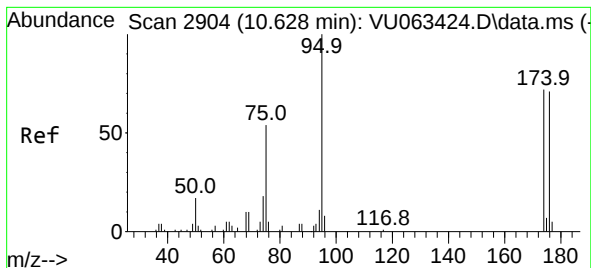


#56  
1,2-Dibromoethane  
Concen: 0.491 ug/l  
RT: 8.920 min Scan# 2373  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36



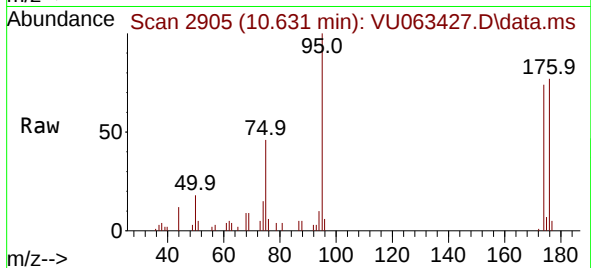
Tgt Ion:107 Resp: 4832  
Ion Ratio Lower Upper  
107 100  
109 95.5 0.0 188.0





#57  
4-Bromofluorobenzene  
Concen: 0.853 ug/l  
RT: 10.631 min Scan# 2905  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

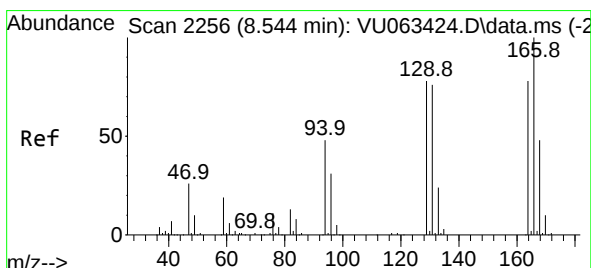
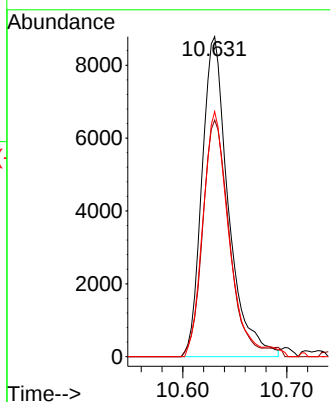
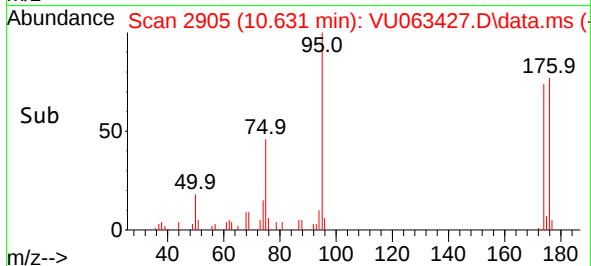
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



Tgt Ion: 95 Resp: 1546  
Ion Ratio Lower Upper  
95 100  
174 74.1 59.4 89.2  
176 74.8 57.8 86.6

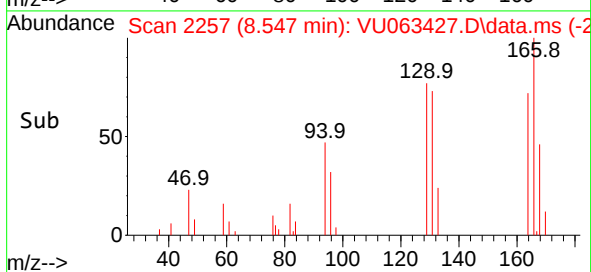
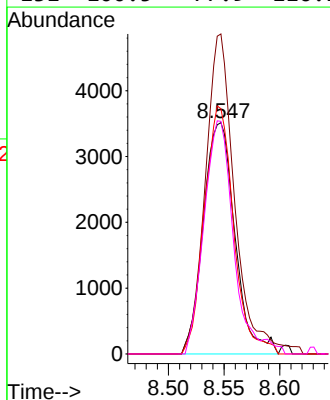
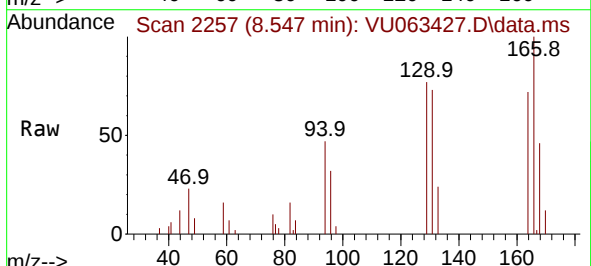
Manual Integrations  
APPROVED

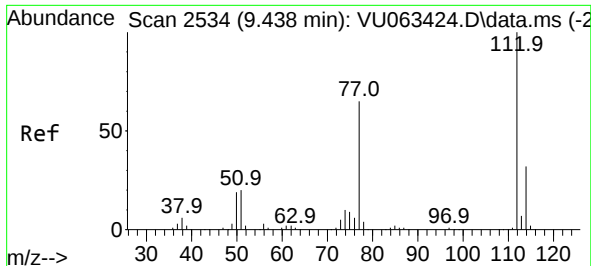
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#58  
Tetrachloroethene  
Concen: 0.463 ug/l  
RT: 8.547 min Scan# 2257  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

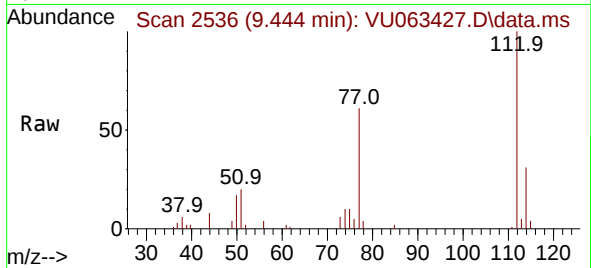
Tgt Ion:164 Resp: 6912  
Ion Ratio Lower Upper  
164 100  
166 138.3 102.8 154.2  
129 106.0 80.2 120.2  
131 100.5 77.9 116.9





#59  
Chlorobenzene  
Concen: 0.450 ug/l  
RT: 9.444 min Scan# 2536  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

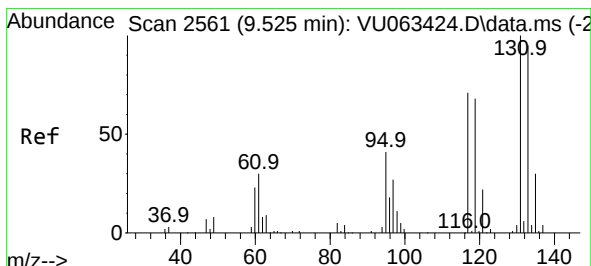
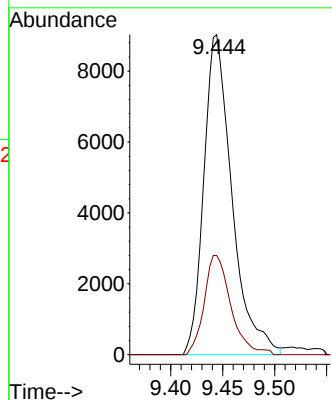
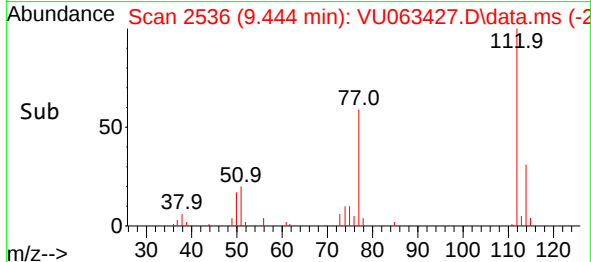
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



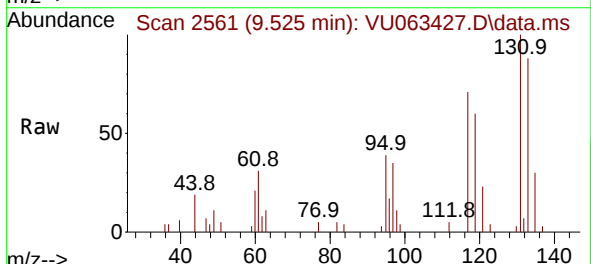
Tgt Ion:112 Resp: 1702  
Ion Ratio Lower Upper  
112 100  
114 31.0 25.7 38.5

Manual Integrations  
APPROVED

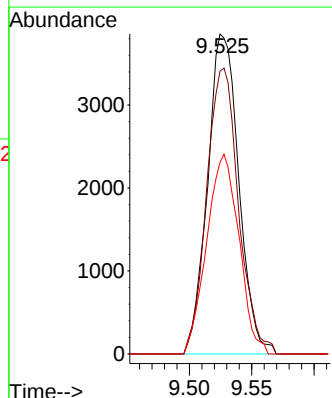
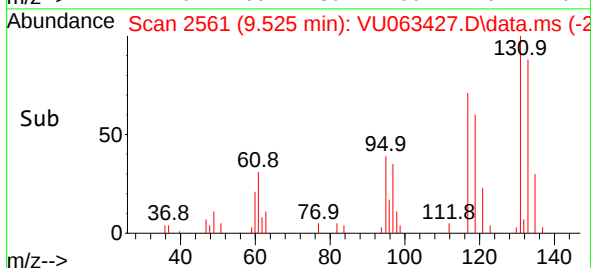
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025

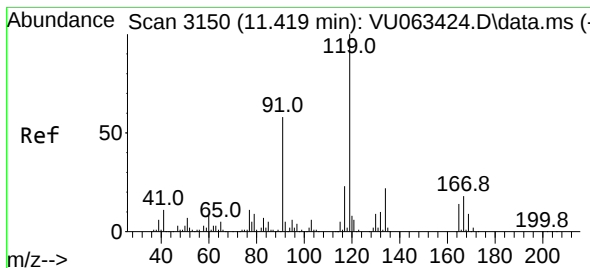


#60  
1,1,1,2-Tetrachloroethane  
Concen: 0.494 ug/l  
RT: 9.525 min Scan# 2561  
Delta R.T. -0.000 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36



Tgt Ion:131 Resp: 6725  
Ion Ratio Lower Upper  
131 100  
133 91.3 76.1 114.1  
119 64.5 53.7 80.5





#61

Pentachloroethane

Concen: 0.528 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. -0.001 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICC0.5

Tgt Ion:117 Resp: 5850

Ion Ratio Lower Upper

117 100

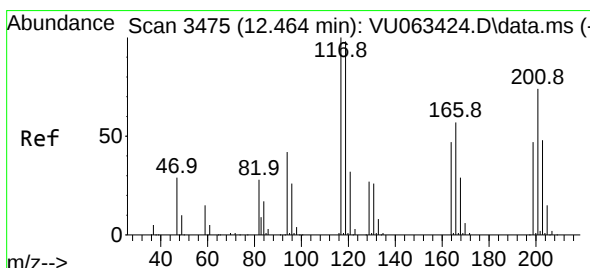
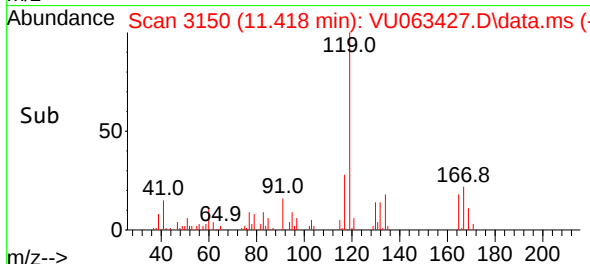
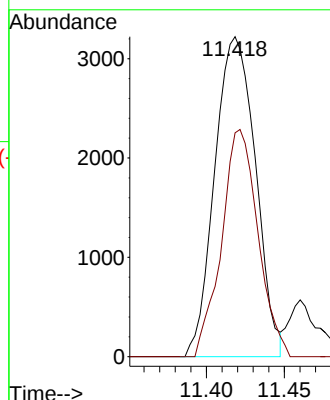
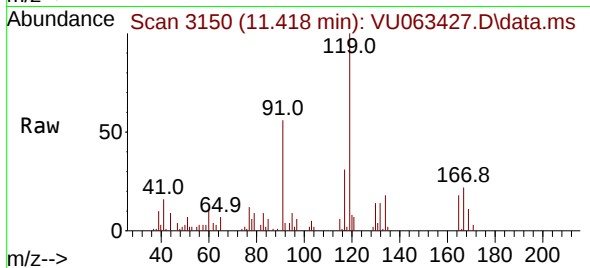
167 63.4 58.1 87.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#62

Hexachloroethane

Concen: 0.457 ug/l

RT: 12.467 min Scan# 3476

Delta R.T. 0.003 min

Lab File: VU063427.D

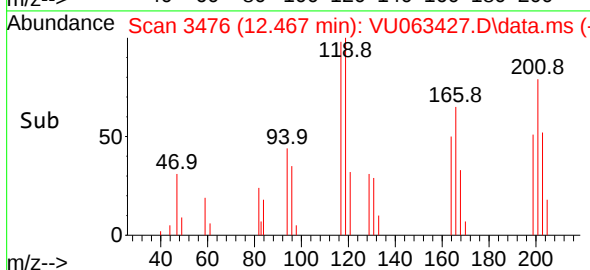
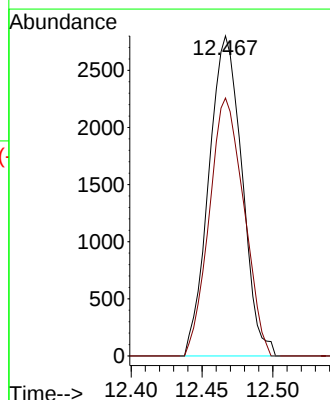
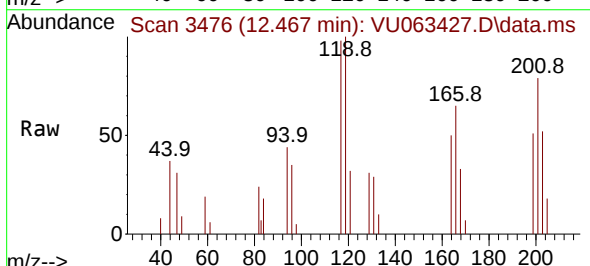
Acq: 23 Jun 2025 14:36

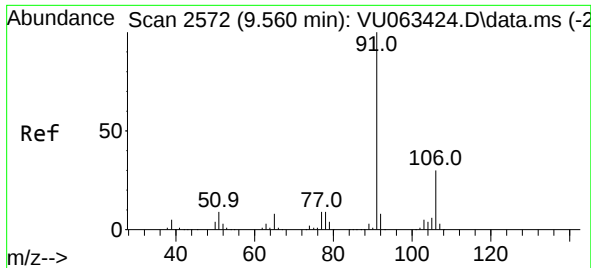
Tgt Ion:117 Resp: 4560

Ion Ratio Lower Upper

117 100

201 84.0 60.4 90.6





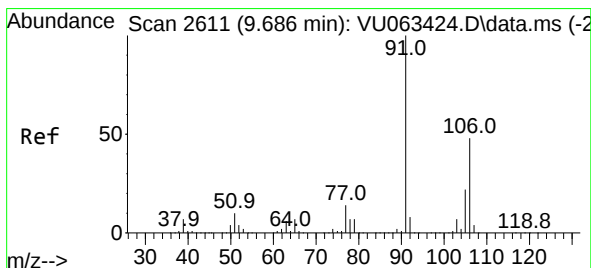
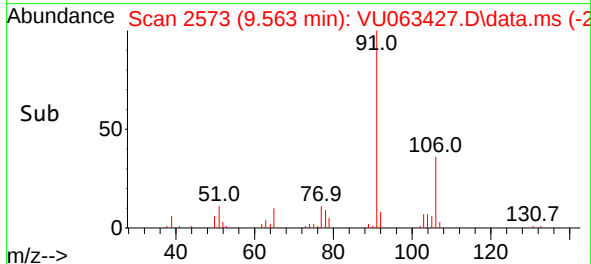
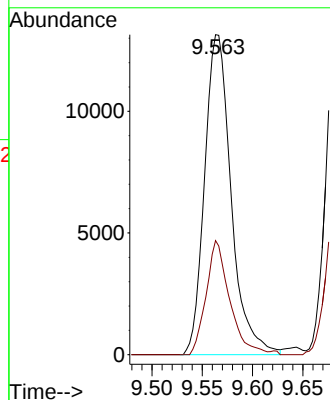
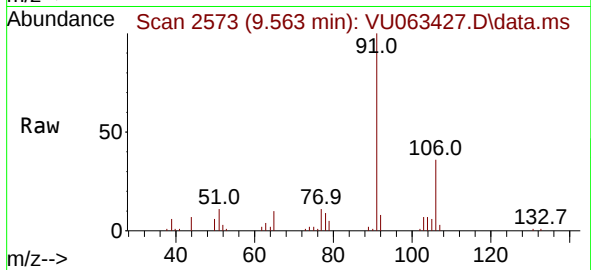
#63  
Ethyl Benzene  
Concen: 0.398 ug/l  
RT: 9.563 min Scan# 2413  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5

Tgt Ion: 91 Resp: 2413  
Ion Ratio Lower Upper  
91 100  
106 35.7 24.2 36.2

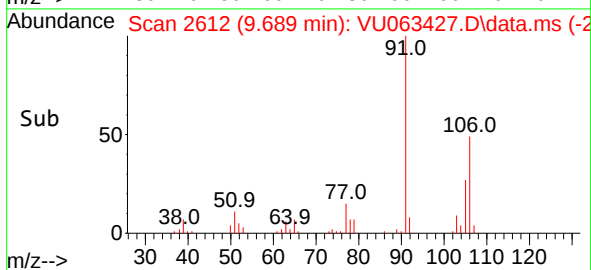
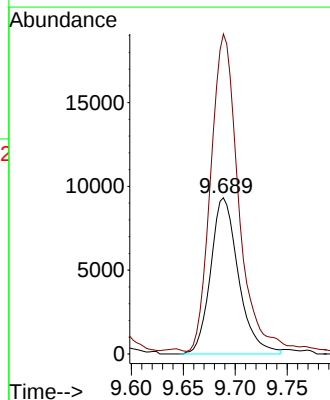
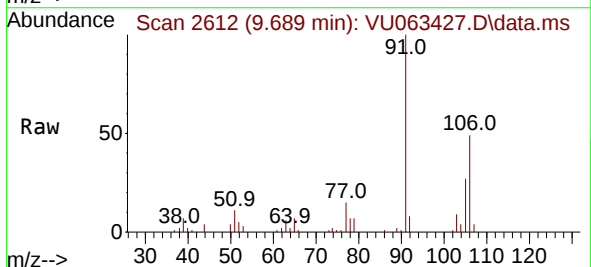
Manual Integrations  
APPROVED

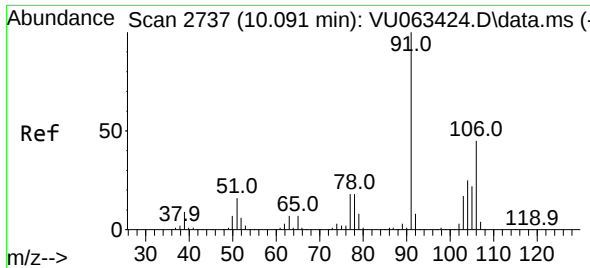
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#64  
m/p-Xylenes  
Concen: 1.369 ug/l  
RT: 9.689 min Scan# 2612  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Tgt Ion:106 Resp: 17362  
Ion Ratio Lower Upper  
106 100  
91 206.5 169.9 254.9





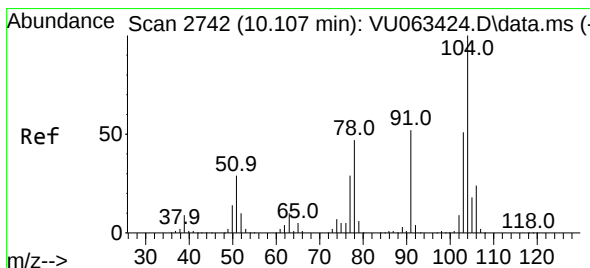
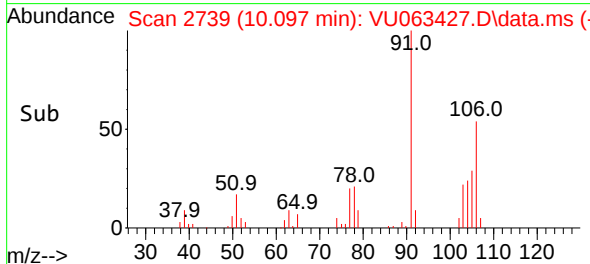
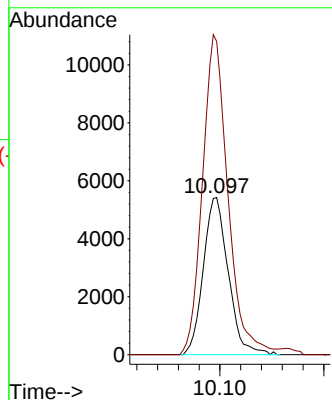
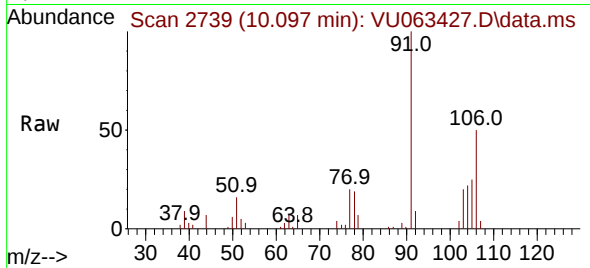
#65  
o-Xylene  
Concen: 0.392 ug/l  
RT: 10.097 min Scan# 2737  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC0.5

Tgt Ion:106 Resp: 9040  
Ion Ratio Lower Upper  
106 100  
91 207.5 110.8 332.3

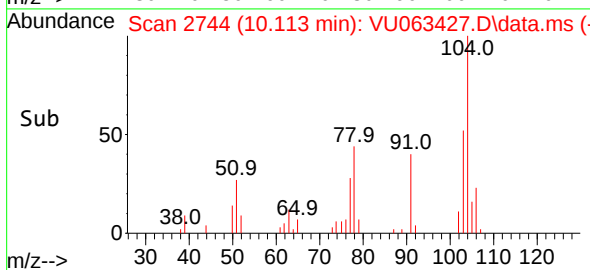
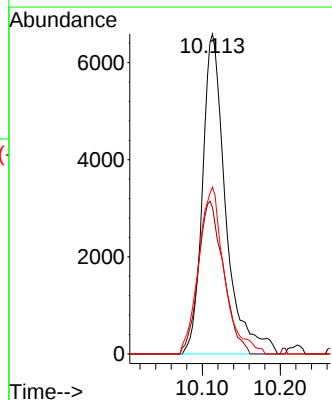
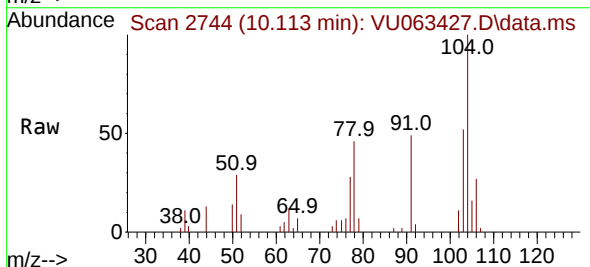
Manual Integrations  
APPROVED

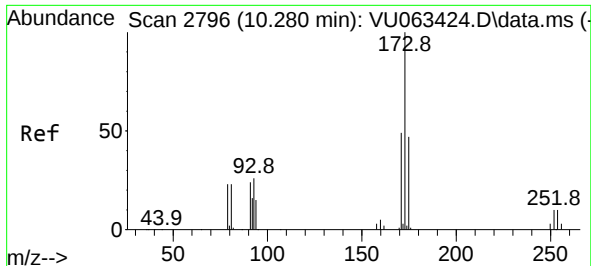
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#66  
Styrene  
Concen: 0.695 ug/l  
RT: 10.113 min Scan# 2744  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

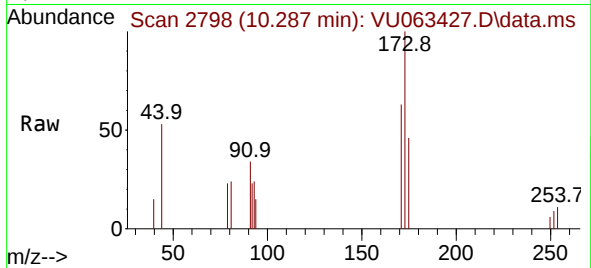
Tgt Ion:104 Resp: 13591  
Ion Ratio Lower Upper  
104 100  
78 51.9 41.6 62.4  
103 57.9 44.6 67.0





#67  
Bromoform  
Concen: 0.457 ug/l  
RT: 10.287 min Scan# 21  
Delta R.T. 0.007 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

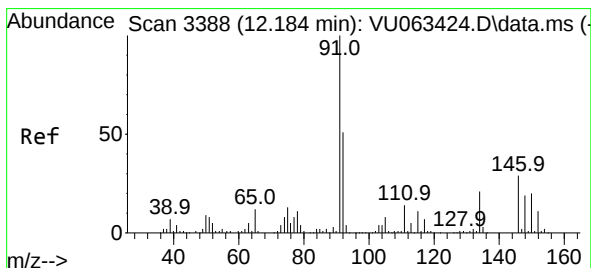
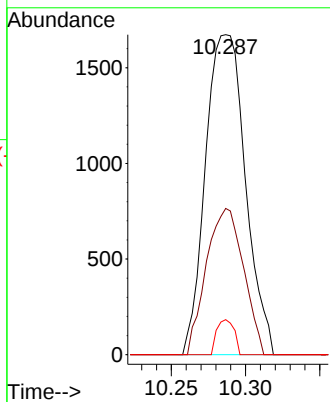
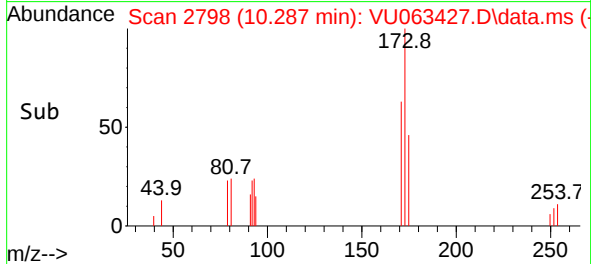
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



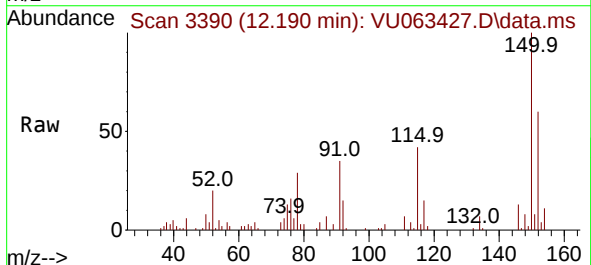
Tgt Ion:173 Resp: 3128  
Ion Ratio Lower Upper  
173 100  
175 42.5 38.2 57.2  
254 4.8 7.6 11.4

Manual Integrations  
APPROVED

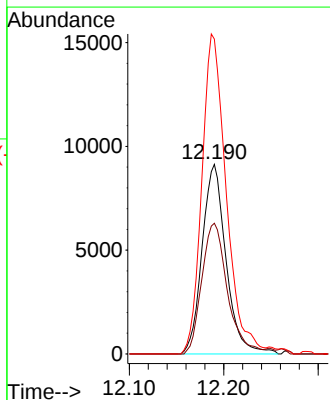
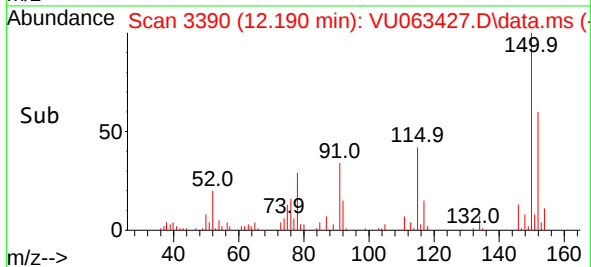
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025

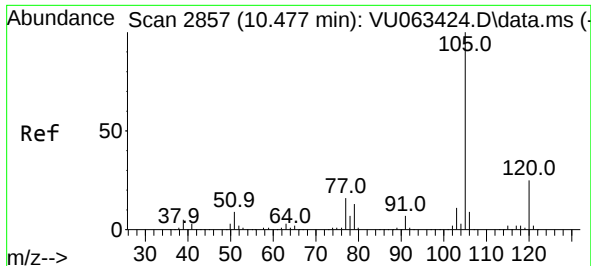


#68  
1,2-Dichlorobenzene-d4  
Concen: 0.881 ug/l  
RT: 12.190 min Scan# 3390  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36



Tgt Ion:152 Resp: 16058  
Ion Ratio Lower Upper  
152 100  
115 73.9 0.0 327.6  
150 171.6 0.0 664.4





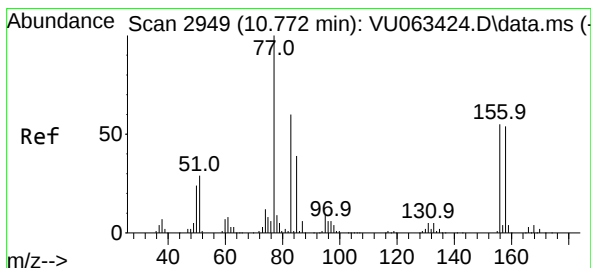
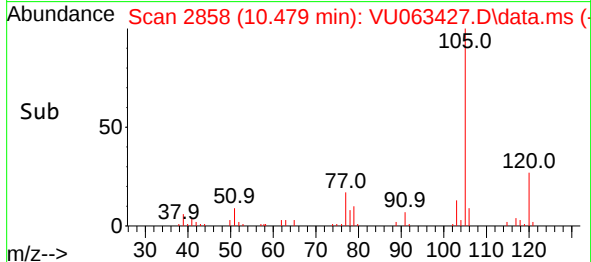
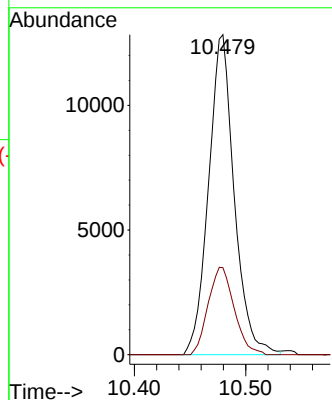
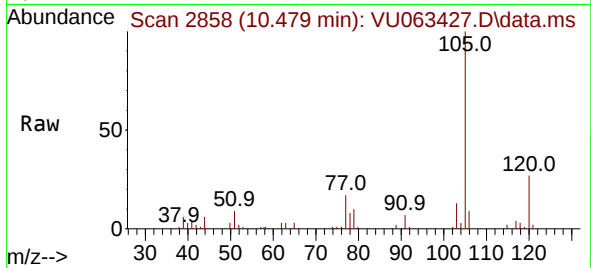
#69  
Isopropylbenzene  
Concen: 0.385 ug/l  
RT: 10.479 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5

Tgt Ion:105 Resp: 20554  
Ion Ratio Lower Upper  
105 100  
120 27.7 12.7 38.1

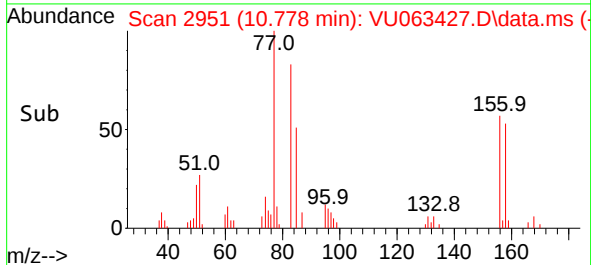
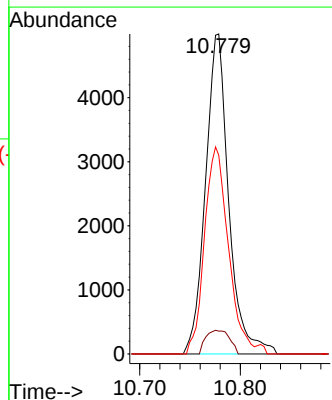
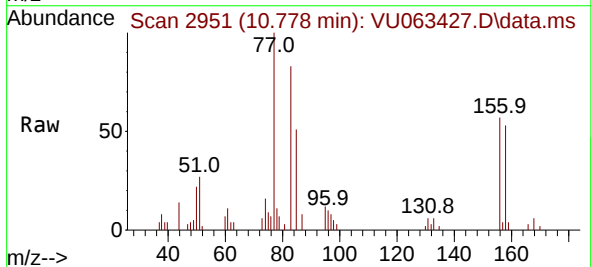
Manual Integrations  
APPROVED

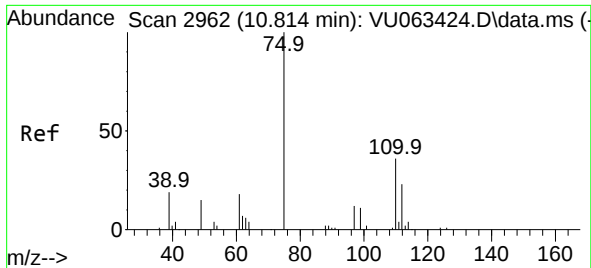
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#70  
1,1,2,2-Tetrachloroethane  
Concen: 0.517 ug/l  
RT: 10.778 min Scan# 2951  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

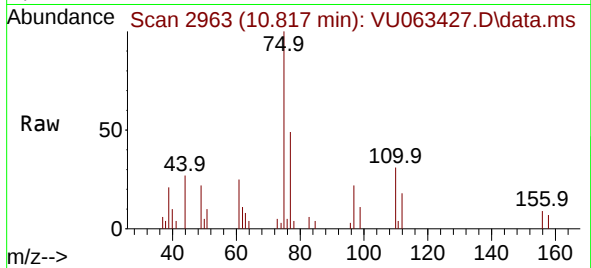
Tgt Ion: 83 Resp: 8029  
Ion Ratio Lower Upper  
83 100  
131 7.5 7.4 11.0  
85 66.2 51.3 76.9





#71  
1,2,3-Trichloropropane  
Concen: 0.545 ug/l m  
RT: 10.817 min Scan# 2963  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

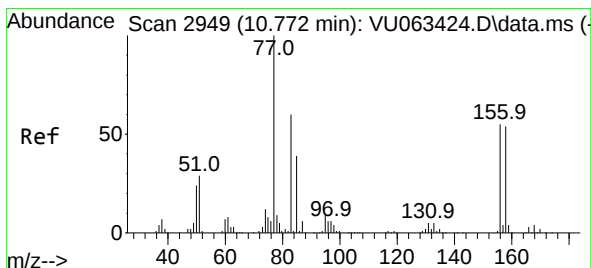
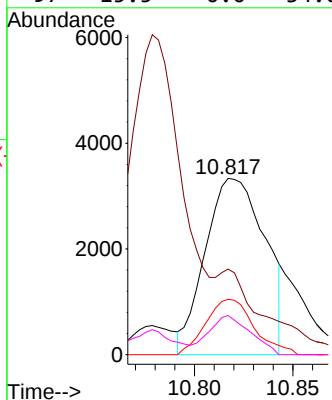
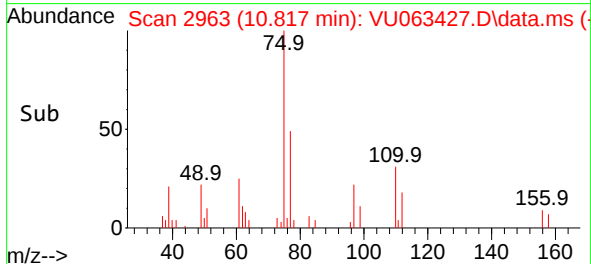
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC0.5



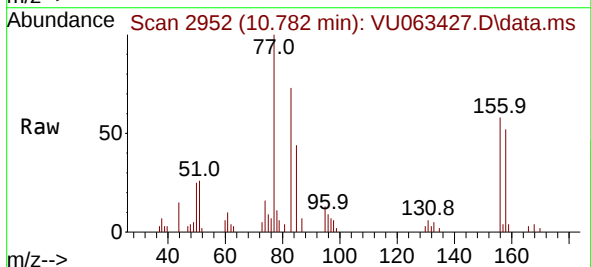
Tgt Ion: 75 Resp: 704  
Ion Ratio Lower Upper  
75 100  
77 26.6 0.0 0.0  
110 25.4 0.0 63.4  
97 15.5 0.0 34.0

Manual Integrations  
APPROVED

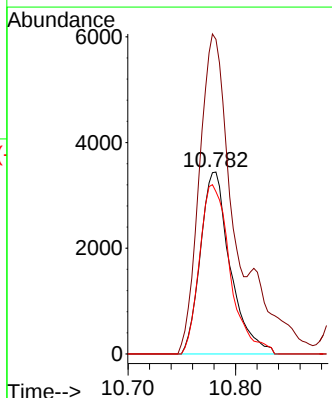
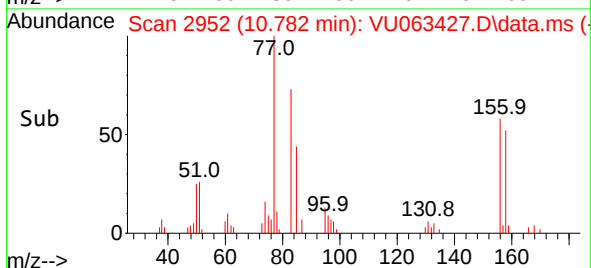
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025

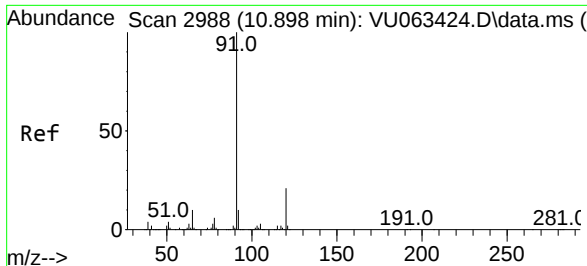


#72  
Bromobenzene  
Concen: 0.442 ug/l  
RT: 10.782 min Scan# 2952  
Delta R.T. 0.010 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36



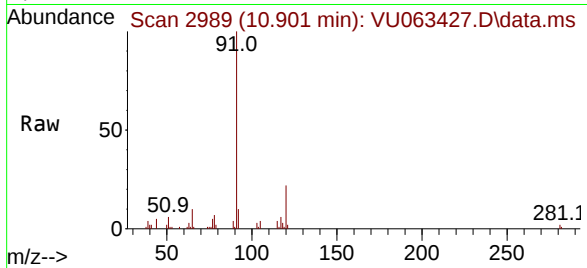
Tgt Ion:156 Resp: 6630  
Ion Ratio Lower Upper  
156 100  
77 178.9 0.0 416.2  
158 95.7 0.0 190.6





#73  
n-propylbenzene  
Concen: 0.665 ug/l  
RT: 10.901 min Scan# 2989  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

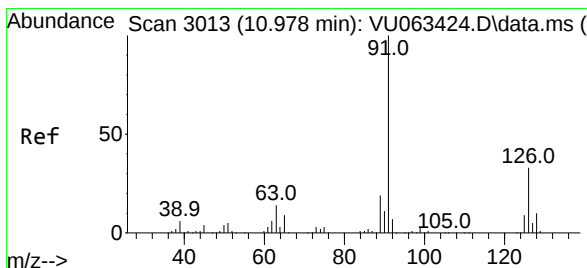
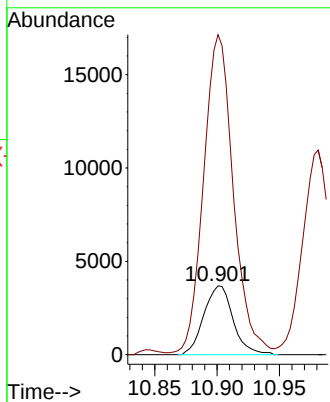
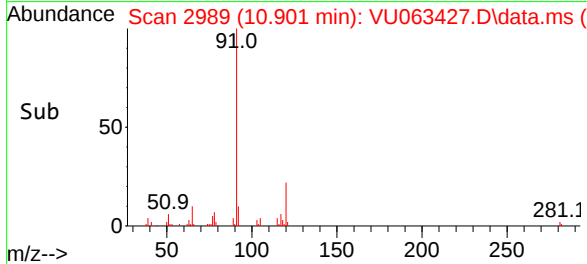
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



Tgt Ion:120 Resp: 6020  
Ion Ratio Lower Upper  
120 100  
91 466.2 373.7 560.5

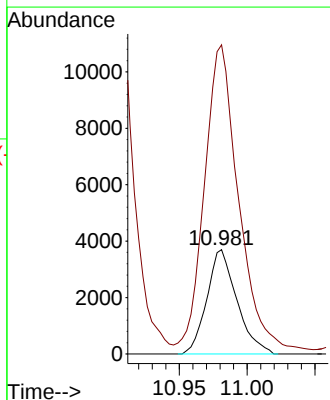
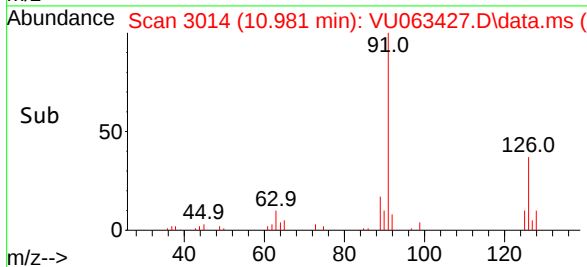
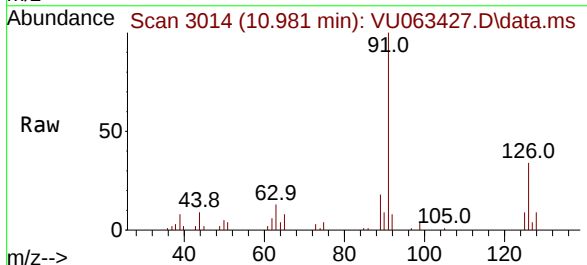
Manual Integrations  
APPROVED

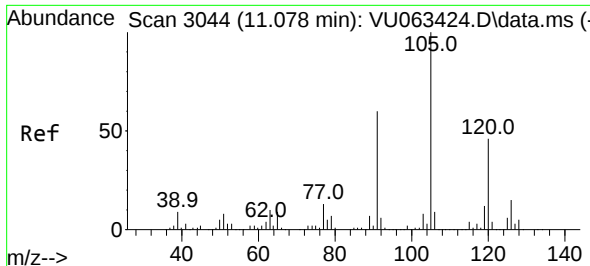
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#74  
2-Chlorotoluene  
Concen: 0.384 ug/l  
RT: 10.981 min Scan# 3014  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

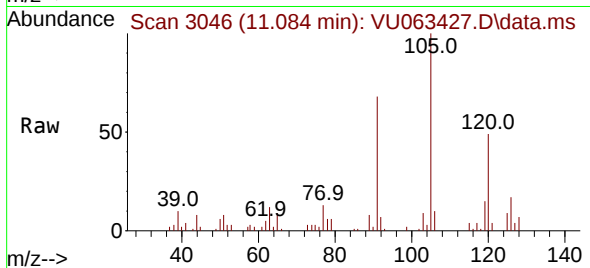
Tgt Ion:126 Resp: 5691  
Ion Ratio Lower Upper  
126 100  
91 328.1 0.0 650.8





#75  
1,3,5-Trimethylbenzene  
Concen: 0.649 ug/l  
RT: 11.084 min Scan# 3044  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

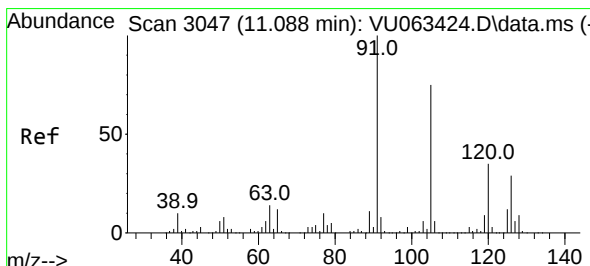
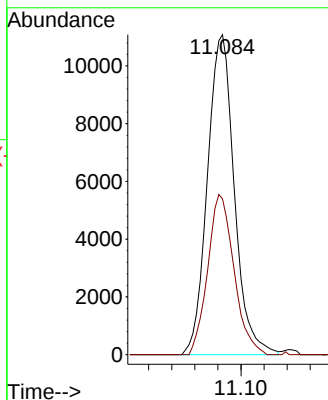
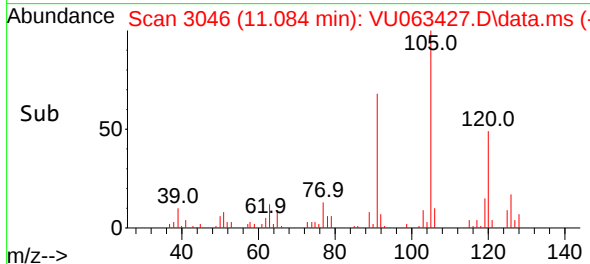
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



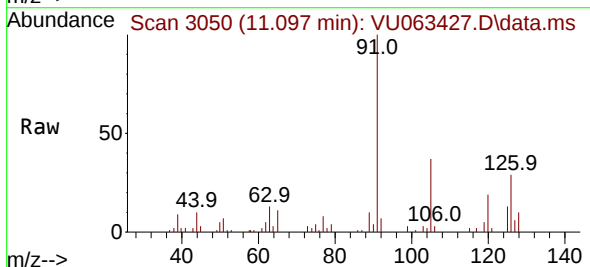
Tgt Ion:105 Resp: 1794  
Ion Ratio Lower Upper  
105 100  
120 48.8 37.0 55.4

Manual Integrations  
APPROVED

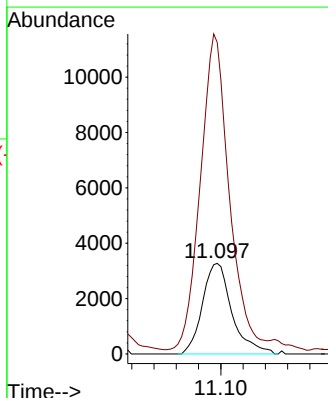
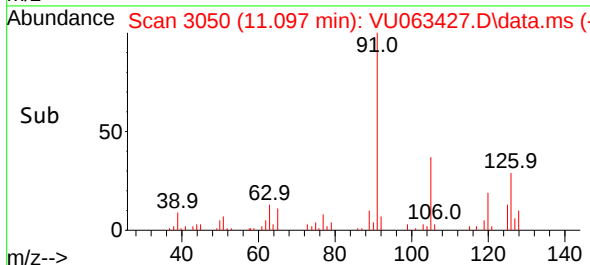
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025

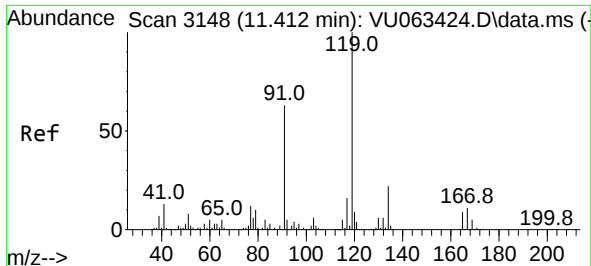


#76  
4-Chlorotoluene  
Concen: 0.387 ug/l  
RT: 11.097 min Scan# 3050  
Delta R.T. 0.009 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36



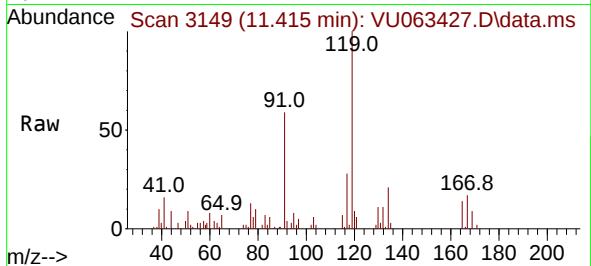
Tgt Ion:126 Resp: 6010  
Ion Ratio Lower Upper  
126 100  
91 339.2 0.0 713.2





#77  
tert-Butylbenzene  
Concen: 0.392 ug/l  
RT: 11.415 min Scan# 3148  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

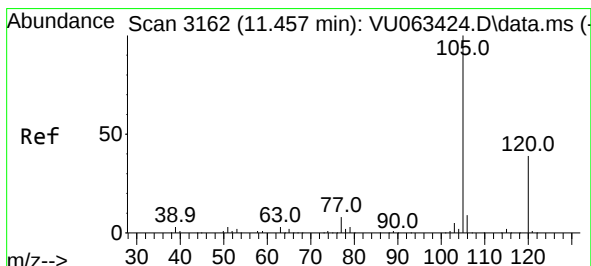
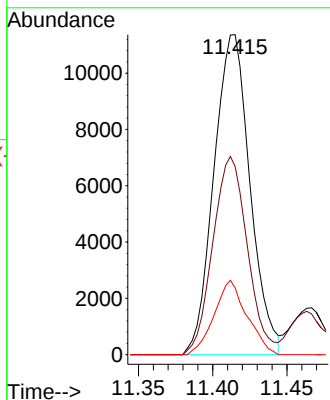
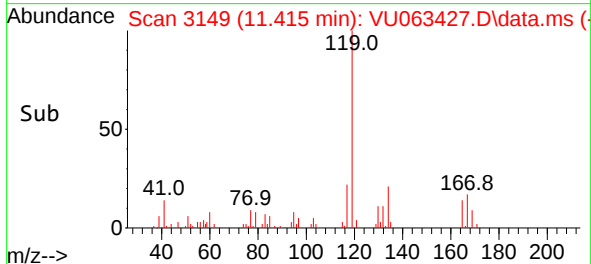
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



Tgt Ion:119 Resp: 19254  
Ion Ratio Lower Upper  
119 100  
91 59.3 30.9 92.7  
134 21.1 17.9 26.9

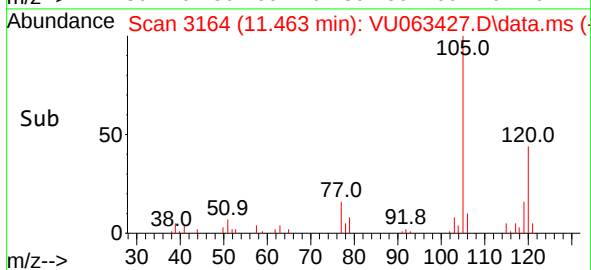
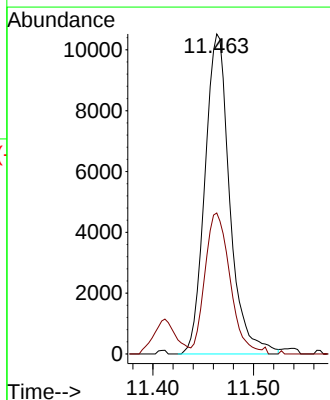
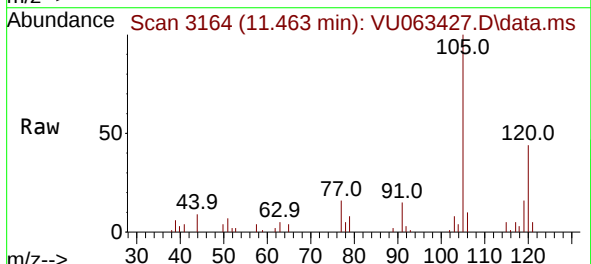
Manual Integrations  
APPROVED

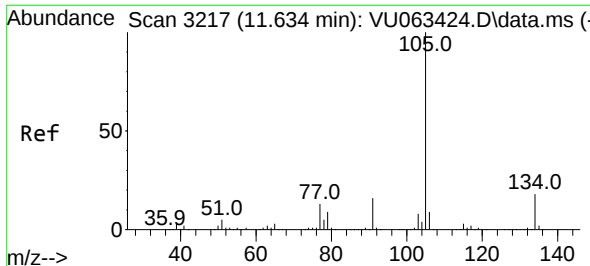
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#78  
1,2,4-Trimethylbenzene  
Concen: 0.686 ug/l  
RT: 11.463 min Scan# 3164  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Tgt Ion:105 Resp: 18055  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.1 66.5





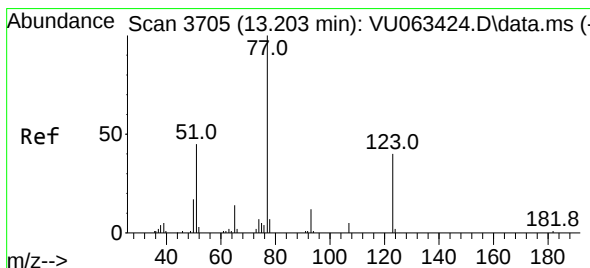
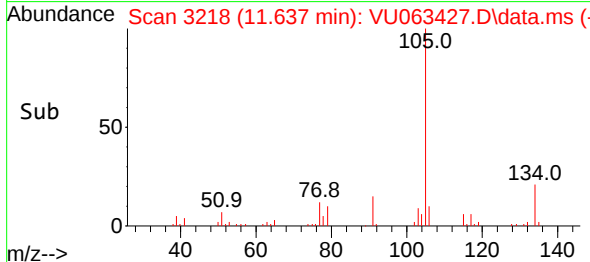
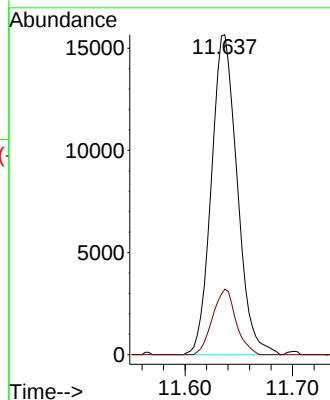
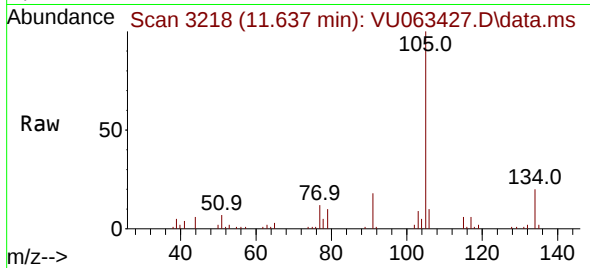
#79  
 sec-Butylbenzene  
 Concen: 0.377 ug/l  
 RT: 11.637 min Scan# 31  
 Delta R.T. 0.003 min  
 Lab File: VU063427.D  
 Acq: 23 Jun 2025 14:36

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC0.5

Tgt Ion:105 Resp: 26179  
 Ion Ratio Lower Upper  
 105 100  
 134 18.6 14.8 22.2

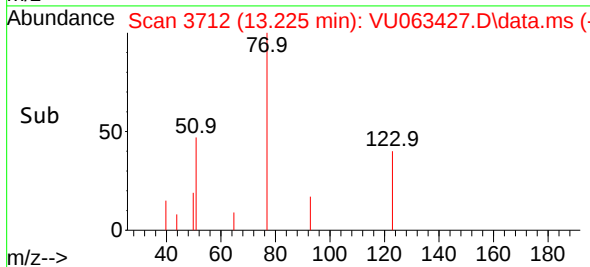
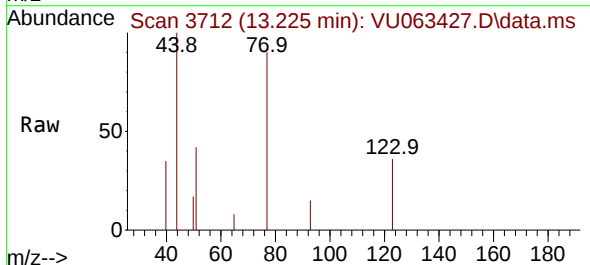
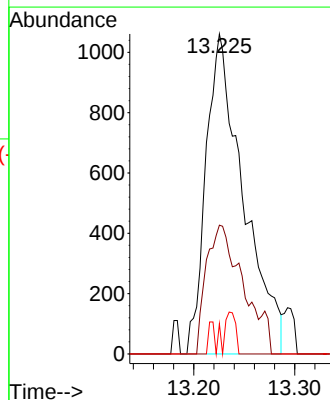
Manual Integrations  
 APPROVED

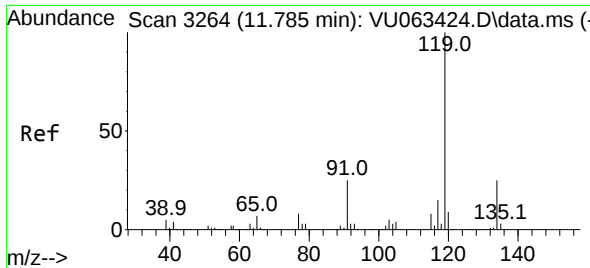
Reviewed By :Mahesh Dadoda 06/25/2025  
 Supervised By :Semsettin Yesilyurt 06/25/2025



#80  
 Nitrobenzene  
 Concen: 5.009 ug/l m  
 RT: 13.225 min Scan# 3712  
 Delta R.T. 0.022 min  
 Lab File: VU063427.D  
 Acq: 23 Jun 2025 14:36

Tgt Ion: 77 Resp: 2731  
 Ion Ratio Lower Upper  
 77 100  
 123 39.8 19.6 69.6  
 65 4.2 10.6 13.4#





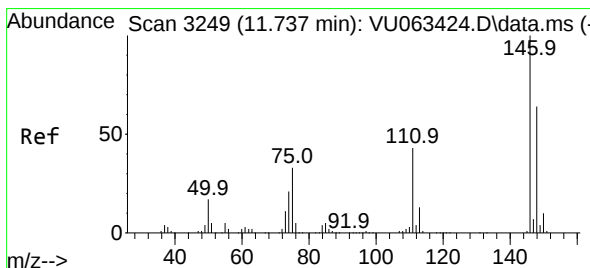
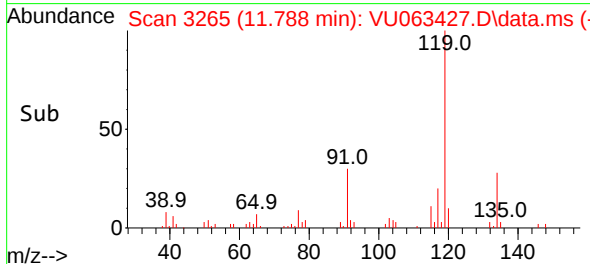
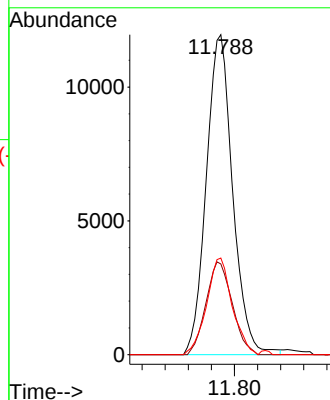
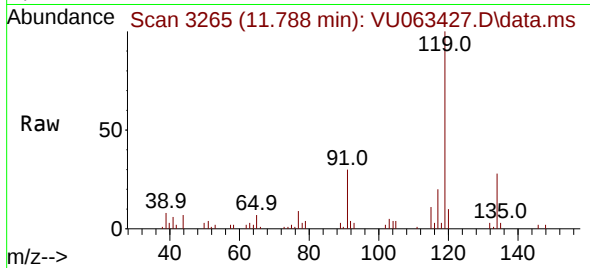
#81  
p-Isopropyltoluene  
Concen: 0.685 ug/l  
RT: 11.788 min Scan# 3265  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC0.5

Tgt Ion:119 Resp: 1896  
Ion Ratio Lower Upper  
119 100  
134 28.8 20.2 30.2  
91 29.2 19.7 29.5

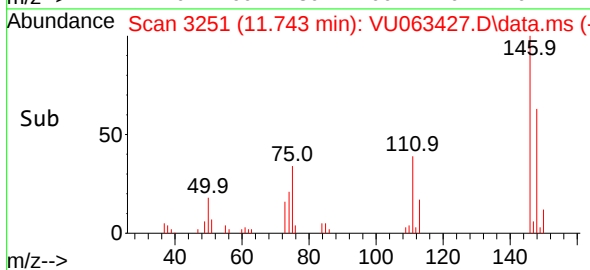
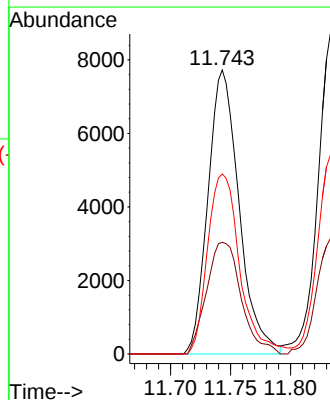
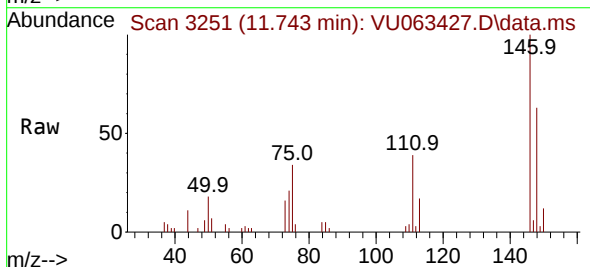
Manual Integrations  
APPROVED

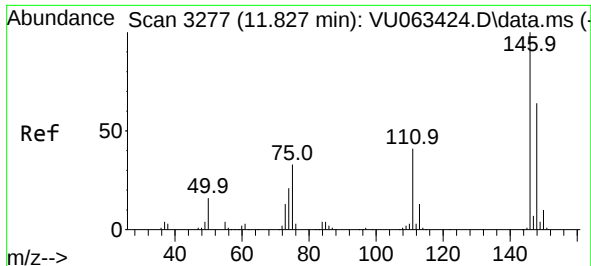
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#82  
1,3-Dichlorobenzene  
Concen: 0.449 ug/l  
RT: 11.743 min Scan# 3251  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

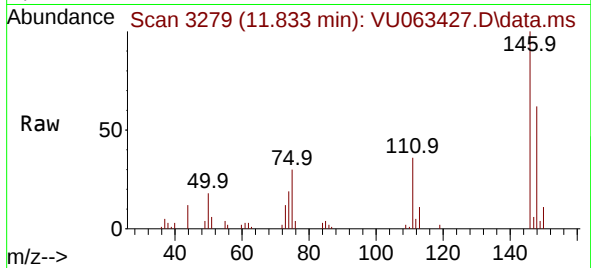
Tgt Ion:146 Resp: 13935  
Ion Ratio Lower Upper  
146 100  
111 43.6 34.3 51.5  
148 65.6 51.0 76.4





#83  
1,4-Dichlorobenzene  
Concen: 0.463 ug/l m  
RT: 11.833 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

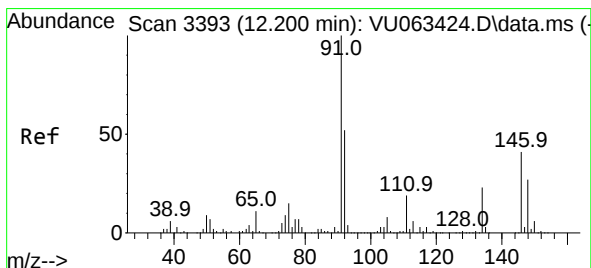
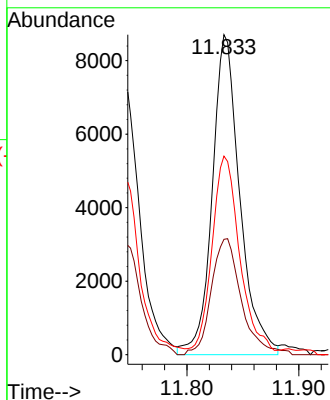
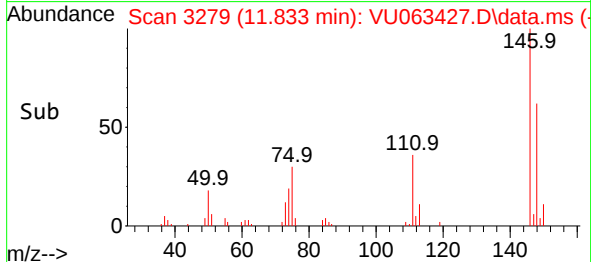
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



Tgt Ion:146 Resp: 14900  
Ion Ratio Lower Upper  
146 100  
111 39.4 31.7 47.5  
148 60.5 51.4 77.0

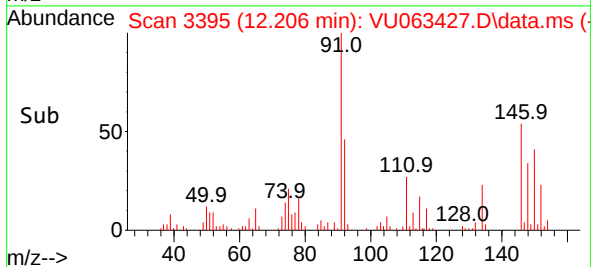
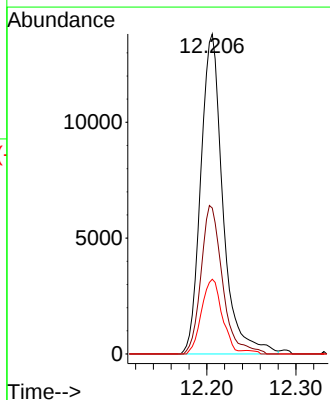
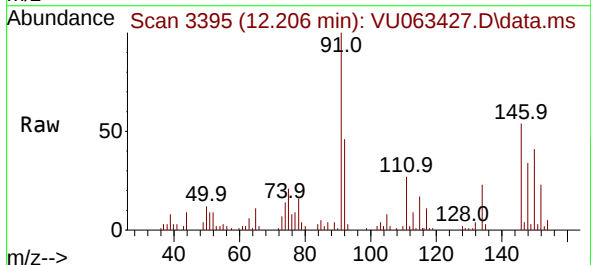
Manual Integrations  
APPROVED

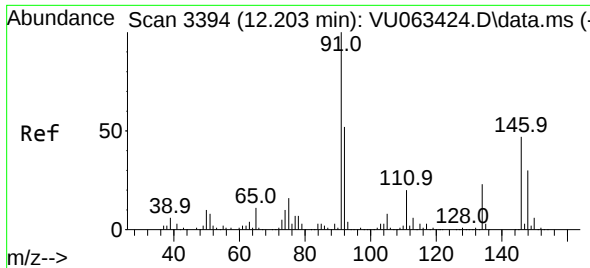
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#84  
n-Butylbenzene  
Concen: 0.419 ug/l  
RT: 12.206 min Scan# 3395  
Delta R.T. 0.006 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Tgt Ion: 91 Resp: 23809  
Ion Ratio Lower Upper  
91 100  
92 45.1 41.0 61.6  
134 21.8 18.5 27.7





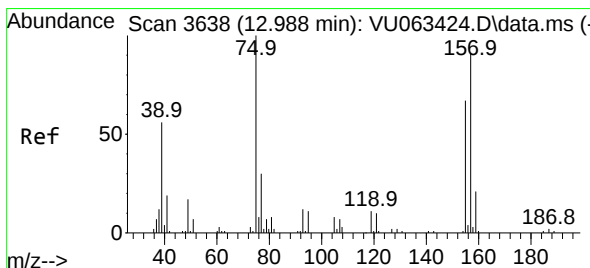
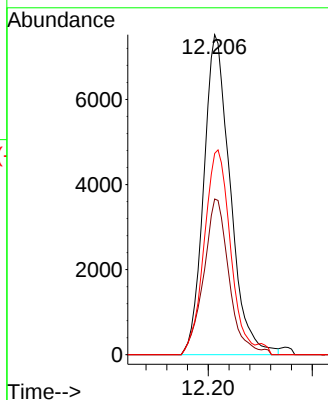
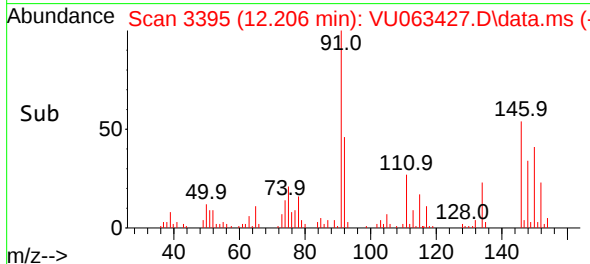
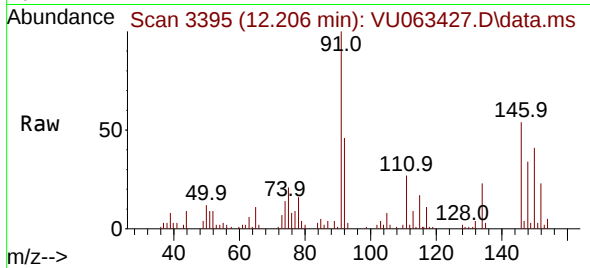
#85  
1,2-Dichlorobenzene  
Concen: 0.447 ug/l  
RT: 12.206 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5

Tgt Ion:146 Resp: 13270  
Ion Ratio Lower Upper  
146 100  
111 46.7 21.8 65.4  
148 63.3 32.3 96.9

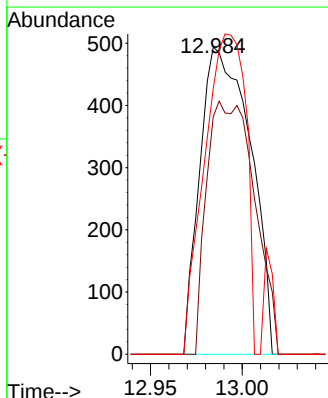
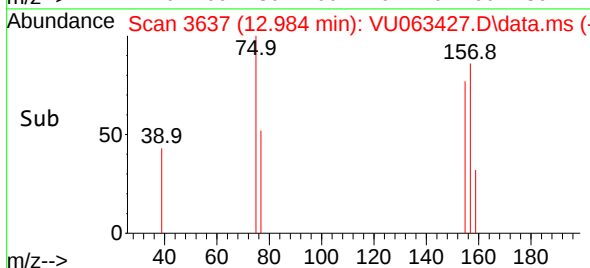
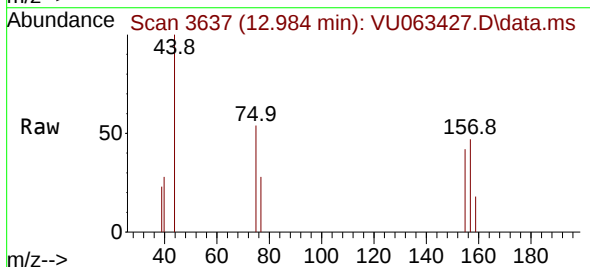
Manual Integrations  
APPROVED

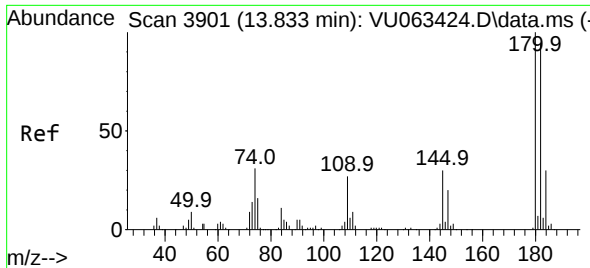
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 0.442 ug/l  
RT: 12.984 min Scan# 3637  
Delta R.T. -0.004 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

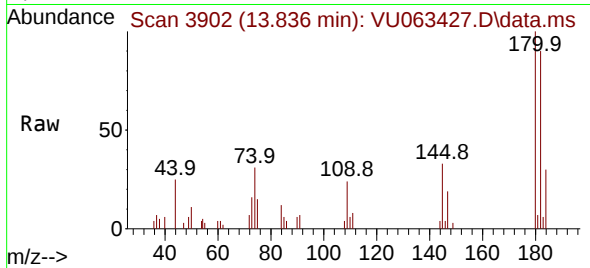
Tgt Ion: 75 Resp: 944  
Ion Ratio Lower Upper  
75 100  
155 78.1 59.7 89.5  
157 85.5 75.0 112.4





#87  
1,2,4-Trichlorobenzene  
Concen: 0.517 ug/l  
RT: 13.836 min Scan# 3901  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

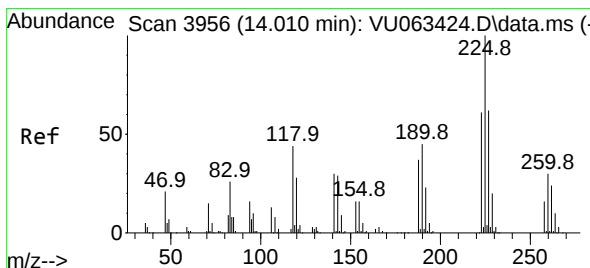
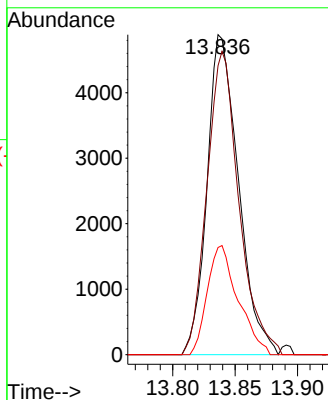
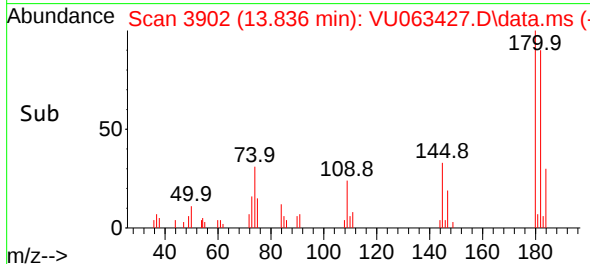
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC0.5



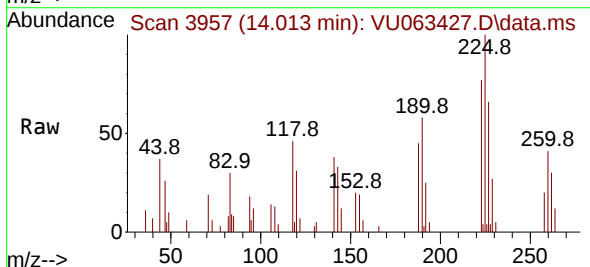
Tgt Ion:180 Resp: 8572  
Ion Ratio Lower Upper  
180 100  
182 96.5 75.6 113.4  
145 33.4 24.6 36.8

Manual Integrations  
APPROVED

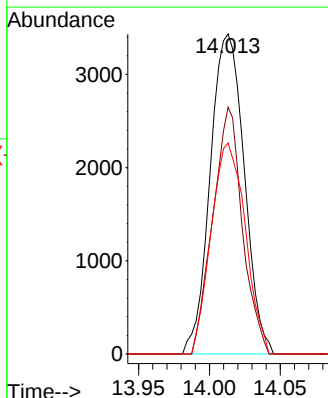
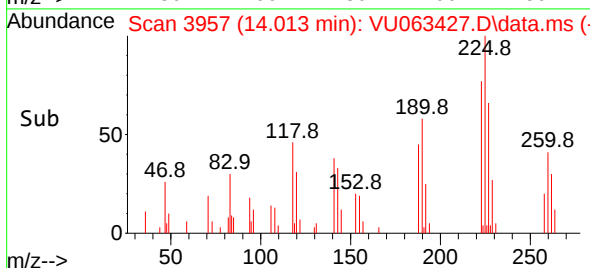
Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025

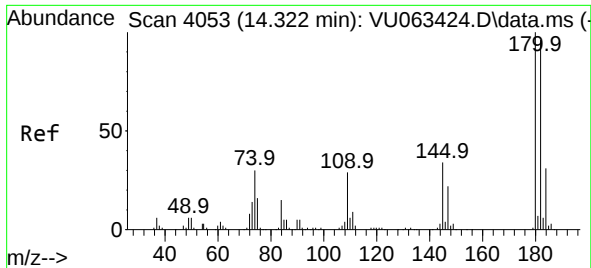


#88  
Hexachlorobutadiene  
Concen: 0.488 ug/l  
RT: 14.013 min Scan# 3957  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36



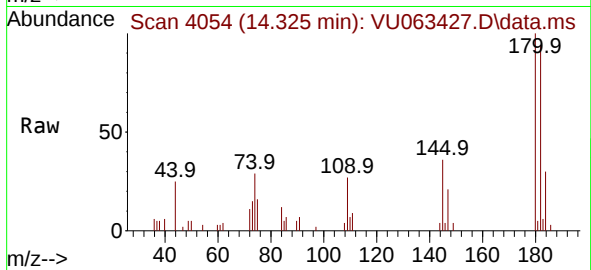
Tgt Ion:225 Resp: 5732  
Ion Ratio Lower Upper  
225 100  
223 67.0 50.0 75.0  
227 66.2 51.5 77.3





#90  
1,2,3-Trichlorobenzene  
Concen: 0.543 ug/l  
RT: 14.325 min Scan# 4053  
Delta R.T. 0.003 min  
Lab File: VU063427.D  
Acq: 23 Jun 2025 14:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC0.5



Tgt Ion:180 Resp: 8948  
Ion Ratio Lower Upper  
180 100  
182 89.6 76.7 115.1  
145 32.3 27.4 41.2

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025  
Supervised By :Semsettin Yesilyurt 06/25/2025

