

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU080524\  
 Data File : VU060312.D  
 Acq On : 05 Aug 2024 15:14  
 Operator : MD/SY  
 Sample : VSTDICV010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICSVU080524

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024  
 Supervised By :Semsettin Yesilyurt 08/09/2024

Quant Time: Aug 06 06:03:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U080524DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Aug 06 05:58:50 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units    | Dev(Min) |
|------------------------------|--------|------|----------|--------|----------|----------|
| -----                        |        |      |          |        |          |          |
| Internal Standards           |        |      |          |        |          |          |
| 1) Fluorobenzene             | 6.104  | 96   | 33774    | 1.000  | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |          |          |
| 57) 4-Bromofluorobenzene     | 10.628 | 95   | 12341    | 1.072  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 107.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.187 | 152  | 13697    | 1.096  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 110.000% |          |
| Target Compounds             |        |      |          |        |          |          |
|                              |        |      |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.380  | 85   | 112627   | 8.670  | ug/l     | 100      |
| 3) Chloromethane             | 1.522  | 50   | 122846   | 8.271  | ug/l     | 99       |
| 4) Vinyl Chloride            | 1.599  | 62   | 131264   | 8.840  | ug/l     | 97       |
| 5) Bromomethane              | 1.834  | 94   | 70891    | 7.770  | ug/l     | 97       |
| 6) Chloroethane              | 1.904  | 64   | 80567    | 8.965  | ug/l     | 97       |
| 7) Trichlorofluoromethane    | 2.120  | 101  | 165763   | 9.253  | ug/l     | 98       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.567  | 101  | 100773   | 10.339 | ug/l     | 99       |
| 9) 1,1-Dichloroethene        | 2.567  | 96   | 100752   | 9.978  | ug/l     | 99       |
| 10) Iodomethane              | 2.708  | 142  | 147428   | 9.974  | ug/l     | 98       |
| 11) Allyl Chloride           | 2.911  | 41   | 149516   | 10.801 | ug/l     | 95       |
| 12) Acrylonitrile            | 3.306  | 53   | 115235   | 43.680 | ug/l     | 99       |
| 13) Acetone                  | 2.625  | 43   | 94702    | 33.150 | ug/l     | 97       |
| 14) Carbon Disulfide         | 2.779  | 76   | 306412   | 8.950  | ug/l     | 99       |
| 15) Methylene Chloride       | 3.033  | 84   | 118365   | 9.364  | ug/l     | 99       |
| 16) trans-1,2-Dichloroethene | 3.339  | 96   | 101938   | 9.422  | ug/l     | 96       |
| 17) 1,1-Dichloroethane       | 3.853  | 63   | 199048   | 9.569  | ug/l     | 99       |
| 18) 2-Butanone               | 4.711  | 43   | 138178   | 37.327 | ug/l     | 100      |
| 19) Cyclohexane              | 5.364  | 56   | 168830m  | 9.416  | ug/l     |          |
| 20) Methylcyclohexane        | 6.750  | 83   | 147759   | 10.384 | ug/l     | 98       |
| 21) 2,2-Dichloropropane      | 4.650  | 77   | 161396   | 9.963  | ug/l     | 100      |
| 22) cis-1,2-Dichloroethene   | 4.654  | 96   | 122311   | 10.553 | ug/l     | 98       |
| 23) Diethyl Ether            | 2.371  | 59   | 74968    | 9.136  | ug/l     | 99       |
| 24) tert-Butyl Alcohol       | 3.191  | 59   | 48357m   | 44.982 | ug/l     |          |
| 25) Methyl tert-Butyl Ether  | 3.361  | 73   | 236355   | 9.535  | ug/l     | 100      |
| 26) Bromochloromethane       | 4.962  | 128  | 71486    | 14.566 | ug/l     | 98       |
| 27) Chloroform               | 5.078  | 83   | 194368   | 9.549  | ug/l     | 100      |
| 28) 1,1,1-Trichloroethane    | 5.300  | 97   | 162523   | 9.613  | ug/l     | 99       |
| 29) 1,1-Dichloropropene      | 5.509  | 75   | 123438   | 9.112  | ug/l     | 100      |
| 30) Carbon Tetrachloride     | 5.506  | 117  | 135107   | 9.806  | ug/l     | 98       |
| 31) Isopropyl Ether          | 3.994  | 45   | 306525   | 10.081 | ug/l #   | 1        |
| 34) Propionitrile            | 4.779  | 54   | 92603    | 87.524 | ug/l #   | 92       |
| 35) Benzene                  | 5.760  | 78   | 415739   | 9.959  | ug/l     | 98       |
| 36) 1,2-Dichloroethane       | 5.785  | 62   | 105773   | 9.118  | ug/l     | 99       |
| 37) Trichloroethene          | 6.531  | 130  | 94786    | 9.172  | ug/l     | 97       |
| 38) 1,2-Dichloropropane      | 6.785  | 63   | 106281   | 9.412  | ug/l     | 98       |
| 39) Methacrylonitrile        | 4.972  | 41   | 33251    | 8.683  | ug/l     | 98       |
| 40) Methyl acrylate          | 4.846  | 55   | 59723    | 8.907  | ug/l #   | 93       |
| 41) Tetrahydrofuran          | 5.062  | 42   | 83913    | 40.245 | ug/l     | 99       |
| 42) 1-Chlorobutane           | 5.441  | 56   | 186388   | 9.978  | ug/l     | 99       |
| 43) Dibromomethane           | 6.911  | 93   | 55433    | 9.703  | ug/l     | 98       |
| 44) Bromodichloromethane     | 7.100  | 83   | 137663   | 10.037 | ug/l     | 100      |
| 45) 4-Methyl-2-Pentanone     | 7.798  | 43   | 269660   | 50.272 | ug/l     | 100      |
| 46) t-1,4-Dichloro-2-butene  | 10.827 | 75   | 31970m   | 10.636 | ug/l     |          |

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 Operator : MD/SY  
 Sample : VSTDICV010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU080524

Manual Integrations  
 APPROVED

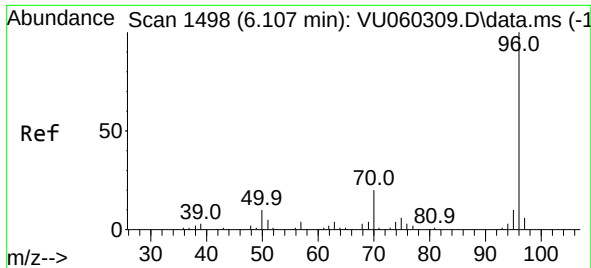
Reviewed By :Mahesh Dadoda 08/09/2024  
 Supervised By :Semsettin Yesilyurt 08/09/2024

Quant Time: Aug 06 06:03:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U080524DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Aug 06 05:58:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 47) Methyl methacrylate       | 6.965  | 69   | 41521    | 8.957  | ug/l  | 96       |
| 48) Ethyl methacrylate        | 8.335  | 69   | 86079    | 10.937 | ug/l  | 99       |
| 49) Toluene                   | 7.962  | 92   | 250989   | 10.843 | ug/l  | 97       |
| 50) t-1,3-Dichloropropene     | 8.206  | 75   | 115294   | 10.182 | ug/l  | 100      |
| 51) cis-1,3-Dichloropropene   | 7.602  | 75   | 130670   | 9.593  | ug/l  | 100      |
| 52) 1,1,2-Trichloroethane     | 8.396  | 97   | 77801    | 9.278  | ug/l  | 99       |
| 53) 1,3-Dichloropropane       | 8.570  | 76   | 127158   | 9.503  | ug/l  | 99       |
| 54) 2-Hexanone                | 8.689  | 43   | 202770   | 48.773 | ug/l  | 98       |
| 55) Dibromochloromethane      | 8.805  | 129  | 89599    | 9.741  | ug/l  | 97       |
| 56) 1,2-Dibromoethane         | 8.917  | 107  | 70461    | 9.370  | ug/l  | 96       |
| 58) Tetrachloroethene         | 8.544  | 164  | 94187    | 10.198 | ug/l  | 98       |
| 59) Chlorobenzene             | 9.441  | 112  | 263269   | 10.505 | ug/l  | 98       |
| 60) 1,1,1,2-Tetrachloroethane | 9.528  | 131  | 94793    | 9.600  | ug/l  | 97       |
| 61) Pentachloroethane         | 11.422 | 117  | 90143    | 10.689 | ug/l  | 99       |
| 62) Hexachloroethane          | 12.470 | 117  | 83293    | 10.218 | ug/l  | 100      |
| 63) Ethyl Benzene             | 9.563  | 91   | 459514   | 9.757  | ug/l  | 99       |
| 64) m/p-Xylenes               | 9.689  | 106  | 379656   | 19.601 | ug/l  | 99       |
| 65) o-Xylene                  | 10.094 | 106  | 172067   | 9.429  | ug/l  | 100      |
| 66) Styrene                   | 10.107 | 104  | 318131   | 10.117 | ug/l  | 99       |
| 67) Bromoform                 | 10.284 | 173  | 53006    | 9.839  | ug/l  | 98       |
| 69) Isopropylbenzene          | 10.476 | 105  | 467099   | 9.892  | ug/l  | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.776 | 83   | 103220   | 9.250  | ug/l  | 99       |
| 71) 1,2,3-Trichloropropane    | 10.817 | 75   | 79460m   | 9.614  | ug/l  |          |
| 72) Bromobenzene              | 10.776 | 156  | 112271   | 10.909 | ug/l  | 99       |
| 73) n-propylbenzene           | 10.901 | 120  | 125788   | 9.308  | ug/l  | 98       |
| 74) 2-Chlorotoluene           | 10.981 | 126  | 118649   | 9.908  | ug/l  | 96       |
| 75) 1,3,5-Trimethylbenzene    | 11.081 | 105  | 413119   | 9.808  | ug/l  | 99       |
| 76) 4-Chlorotoluene           | 11.091 | 126  | 124170   | 9.878  | ug/l  | 98       |
| 77) tert-Butylbenzene         | 11.415 | 119  | 386667   | 9.723  | ug/l  | 100      |
| 78) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 424977   | 9.686  | ug/l  | 100      |
| 79) sec-Butylbenzene          | 11.637 | 105  | 531610   | 9.749  | ug/l  | 100      |
| 80) Nitrobenzene              | 13.210 | 77   | 5096     | 10.399 | ug/l  | 94       |
| 81) p-Isopropyltoluene        | 11.785 | 119  | 444065   | 9.794  | ug/l  | 99       |
| 82) 1,3-Dichlorobenzene       | 11.740 | 146  | 237427   | 11.058 | ug/l  | 99       |
| 83) 1,4-Dichlorobenzene       | 11.830 | 146  | 241051   | 11.310 | ug/l  | 99       |
| 84) n-Butylbenzene            | 12.203 | 91   | 422639   | 9.739  | ug/l  | 99       |
| 85) 1,2-Dichlorobenzene       | 12.206 | 146  | 231161   | 11.131 | ug/l  | 98       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.991 | 75   | 16045    | 9.917  | ug/l  | 96       |
| 87) 1,2,4-Trichlorobenzene    | 13.833 | 180  | 151846   | 12.784 | ug/l  | 99       |
| 88) Hexachlorobutadiene       | 14.013 | 225  | 83353    | 10.853 | ug/l  | 99       |
| 89) Naphthalene               | 14.081 | 128  | 256566   | 10.692 | ug/l  | 100      |
| 90) 1,2,3-Trichlorobenzene    | 14.325 | 180  | 138107   | 11.910 | ug/l  | 99       |

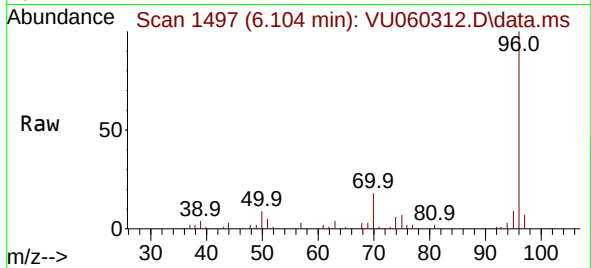
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.104 min Scan# 1498  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

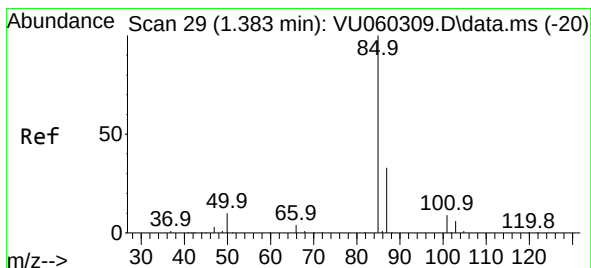
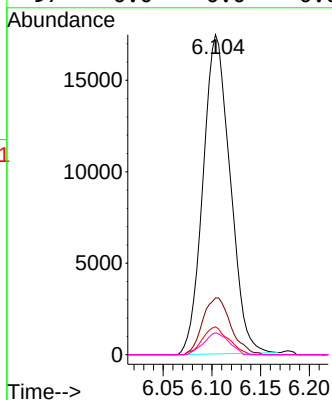
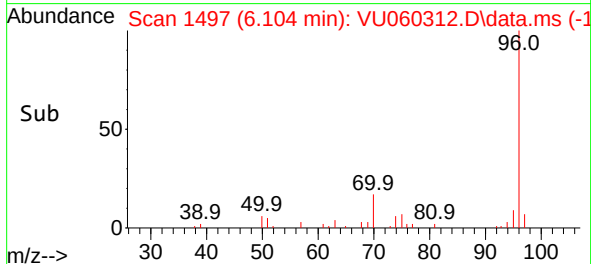
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



Tgt Ion: 96 Resp: 33774  
Ion Ratio Lower Upper  
96 100  
70 18.4 17.2 25.8  
95 8.4 7.9 11.9  
97 0.0 0.0 0.0

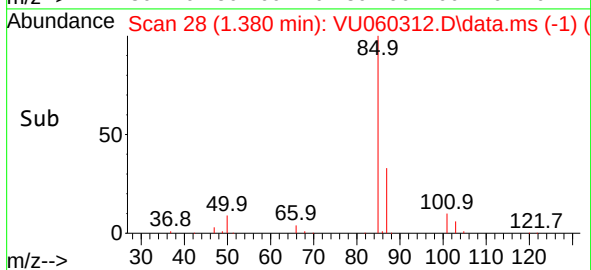
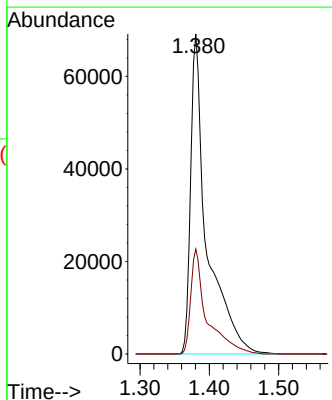
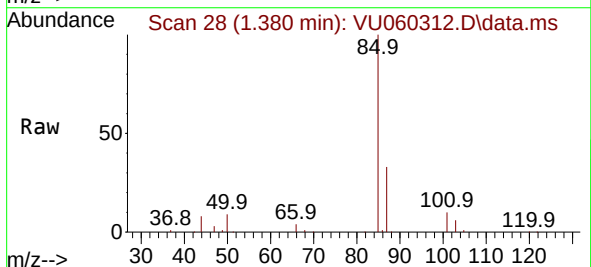
Manual Integrations  
APPROVED

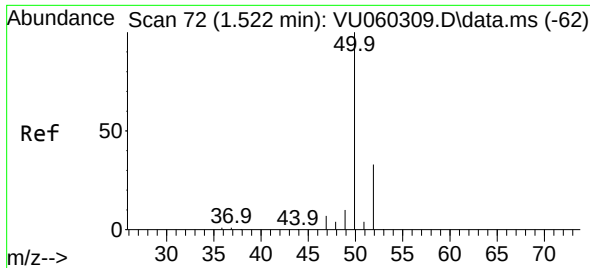
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#2  
Dichlorodifluoromethane  
Concen: 8.670 ug/l  
RT: 1.380 min Scan# 28  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

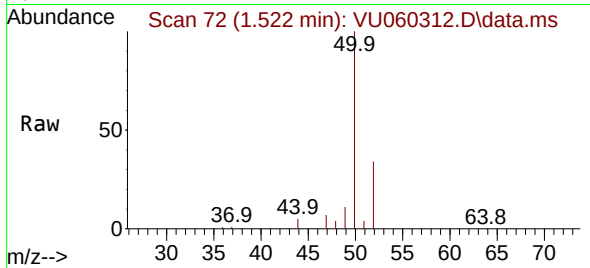
Tgt Ion: 85 Resp: 112627  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.3 48.9





#3  
Chloromethane  
Concen: 8.271 ug/l  
RT: 1.522 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

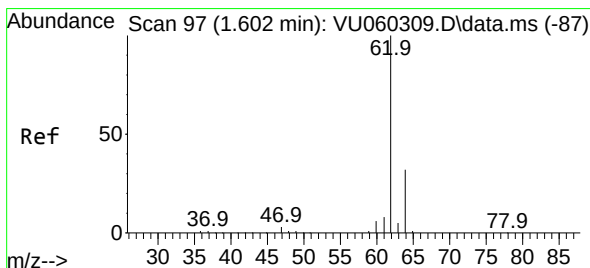
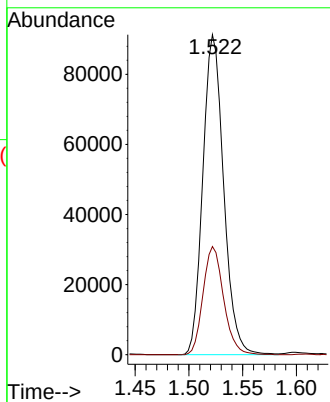
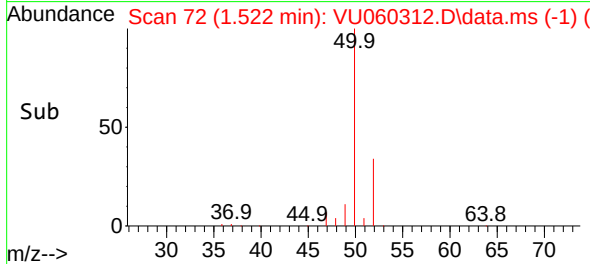
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



Tgt Ion: 50 Resp: 122840  
Ion Ratio Lower Upper  
50 100  
52 33.8 26.5 39.7

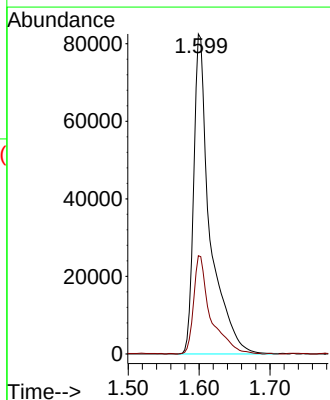
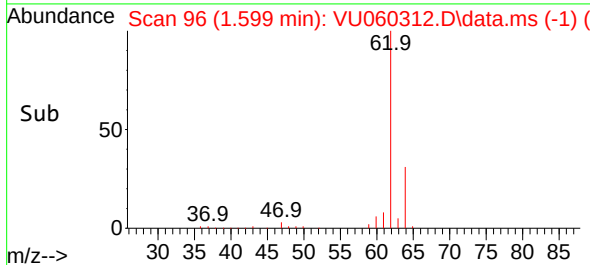
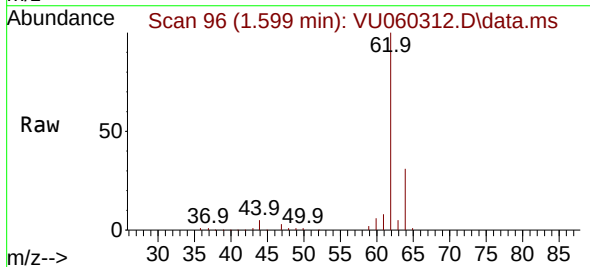
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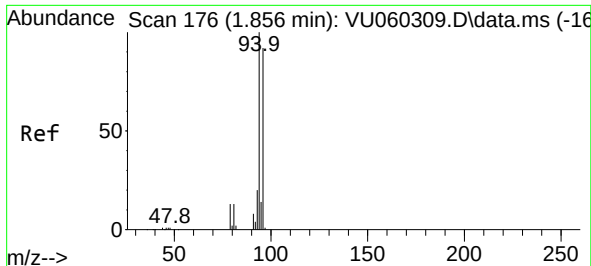
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#4  
Vinyl Chloride  
Concen: 8.840 ug/l  
RT: 1.599 min Scan# 96  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

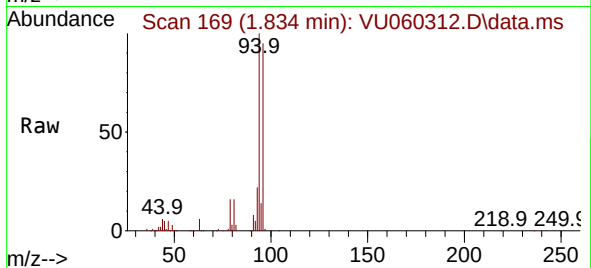
Tgt Ion: 62 Resp: 131264  
Ion Ratio Lower Upper  
62 100  
64 30.7 25.8 38.6





#5  
Bromomethane  
Concen: 7.770 ug/l  
RT: 1.834 min Scan# 110  
Delta R.T. -0.022 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

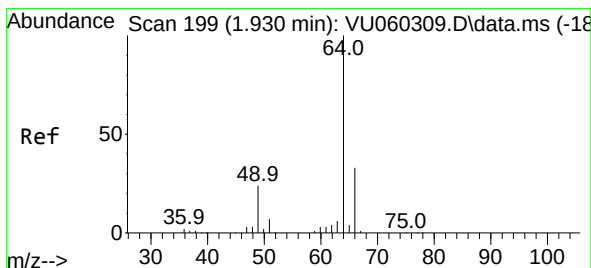
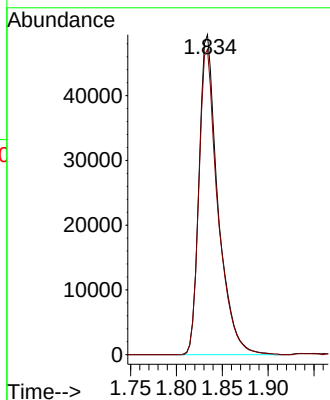
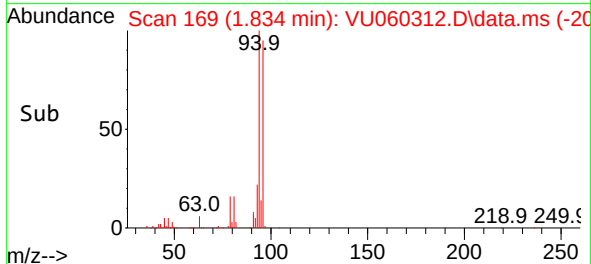
Instrument :  
MSVOA\_U  
ClientSampleId :  
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Tgt Ion: 94 Resp: 7089  
Ion Ratio Lower Upper  
94 100  
96 95.5 73.8 110.8

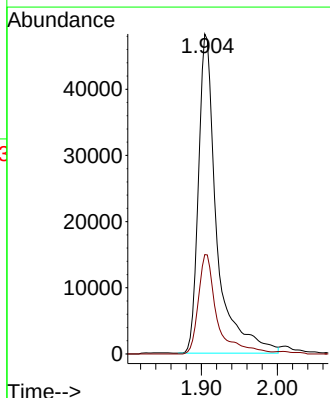
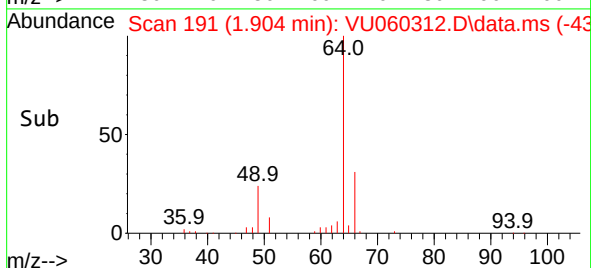
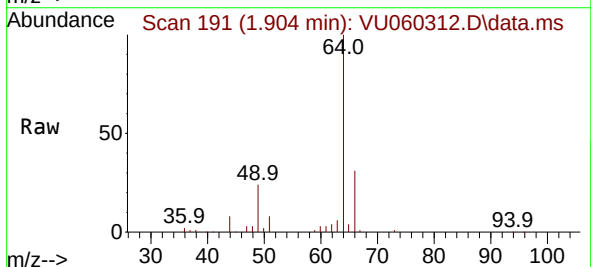
Manual Integrations  
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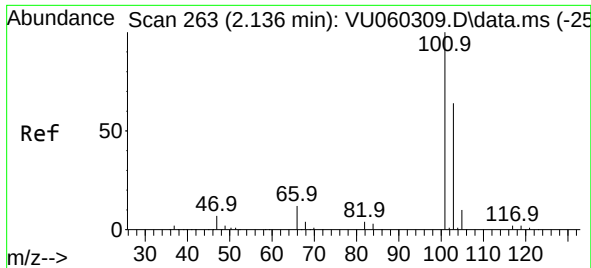
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#6  
Chloroethane  
Concen: 8.965 ug/l  
RT: 1.904 min Scan# 191  
Delta R.T. -0.025 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

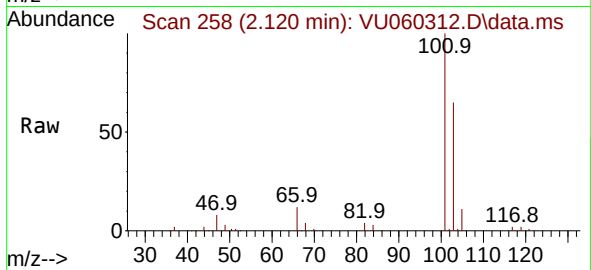
Tgt Ion: 64 Resp: 80567  
Ion Ratio Lower Upper  
64 100  
66 31.1 26.3 39.5





#7  
Trichlorofluoromethane  
Concen: 9.253 ug/l  
RT: 2.120 min Scan# 210  
Delta R.T. -0.016 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

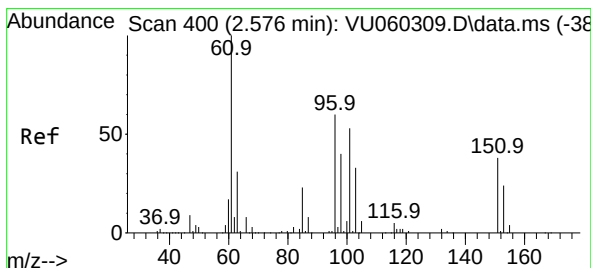
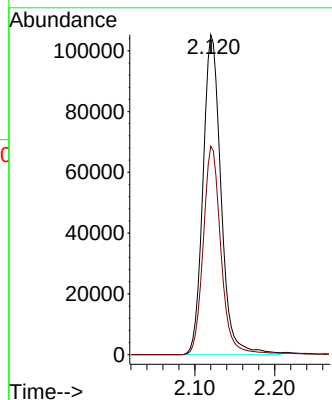
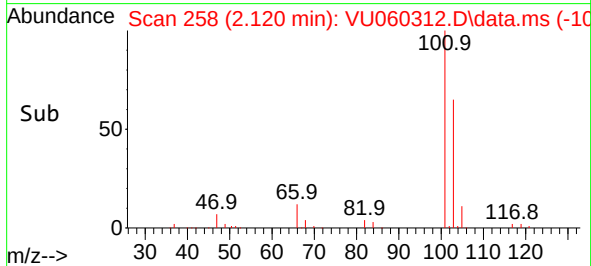
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



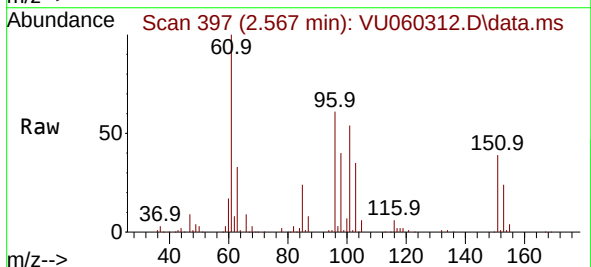
Tgt Ion:101 Resp: 16576  
Ion Ratio Lower Upper  
101 100  
103 65.1 51.0 76.4

Manual Integrations  
APPROVED

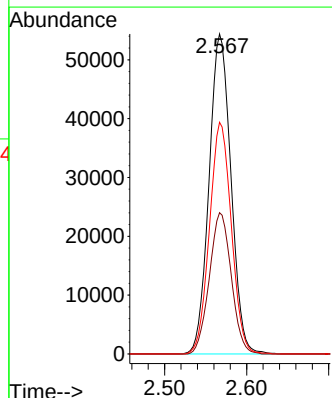
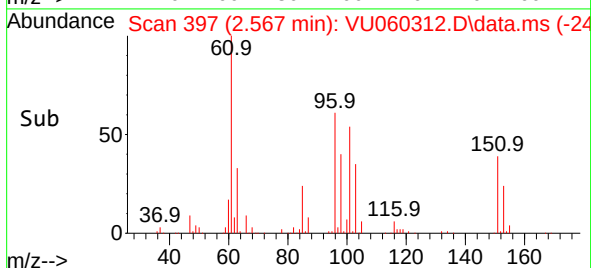
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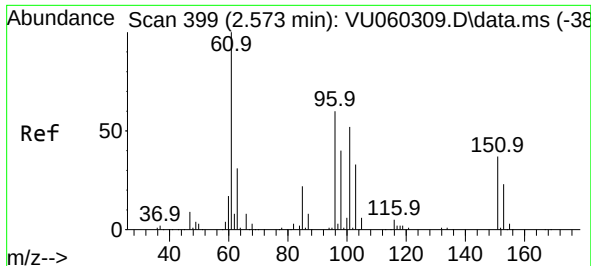


#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 10.339 ug/l  
RT: 2.567 min Scan# 397  
Delta R.T. -0.009 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14



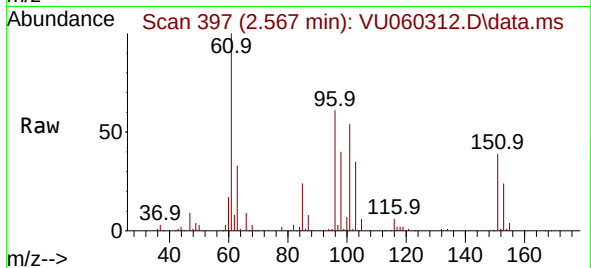
Tgt Ion:101 Resp: 100773  
Ion Ratio Lower Upper  
101 100  
85 44.2 34.9 52.3  
151 72.3 57.2 85.8





#9  
1,1-Dichloroethene  
Concen: 9.978 ug/l  
RT: 2.567 min Scan# 399  
Delta R.T. -0.006 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

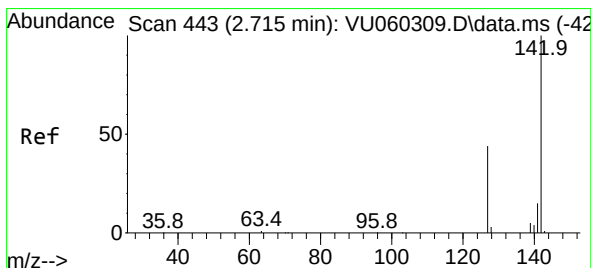
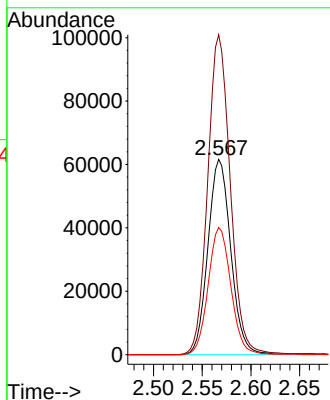
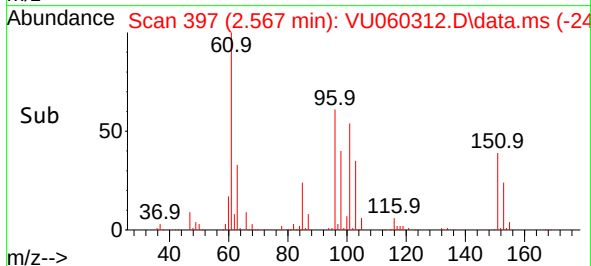
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



Tgt Ion: 96 Resp: 100752  
Ion Ratio Lower Upper  
96 100  
61 163.8 0.0 495.9  
98 65.1 0.0 131.6

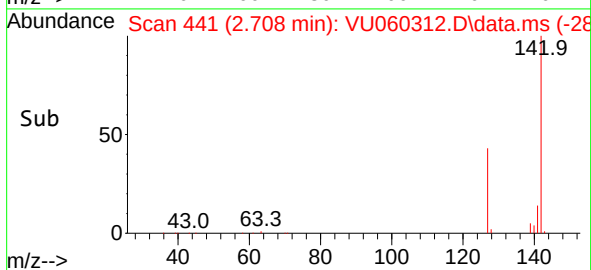
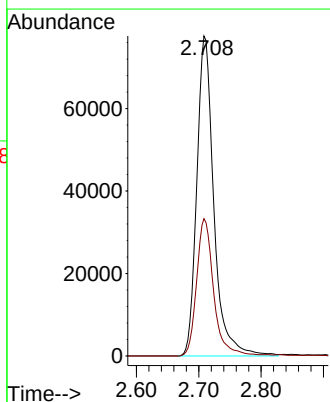
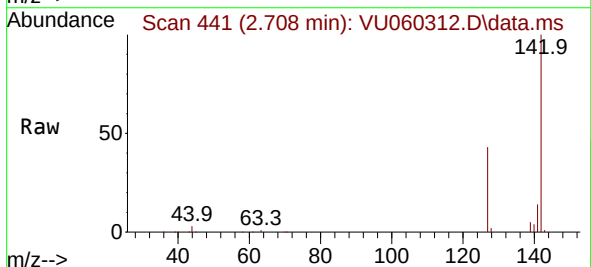
Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024

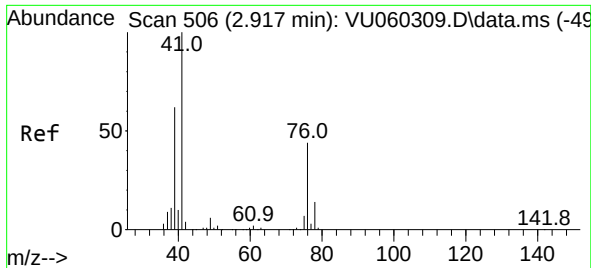


#10  
Iodomethane  
Concen: 9.974 ug/l  
RT: 2.708 min Scan# 441  
Delta R.T. -0.006 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

Tgt Ion:142 Resp: 147428  
Ion Ratio Lower Upper  
142 100  
127 43.1 35.5 53.3

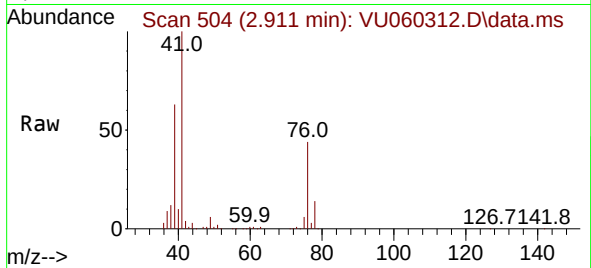






#11  
 Allyl Chloride  
 Concen: 10.801 ug/l  
 RT: 2.911 min Scan# 504  
 Delta R.T. -0.006 min  
 Lab File: VU060312.D  
 Acq: 05 Aug 2024 15:14

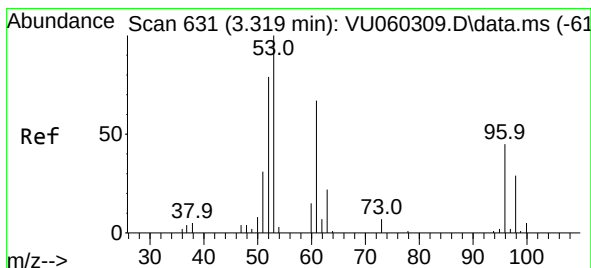
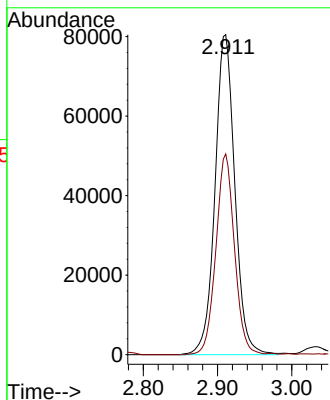
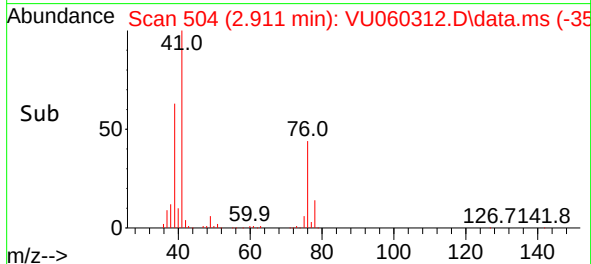
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU080524



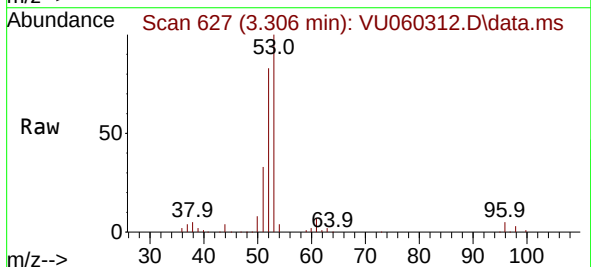
Tgt Ion: 41 Resp: 149510  
 Ion Ratio Lower Upper  
 41 100  
 39 58.8 50.0 75.0

Manual Integrations  
 APPROVED

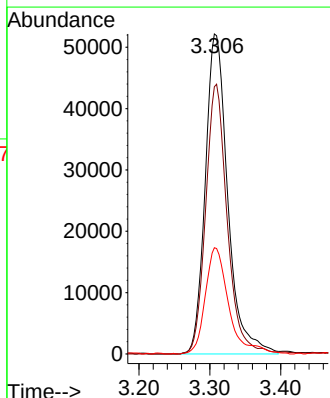
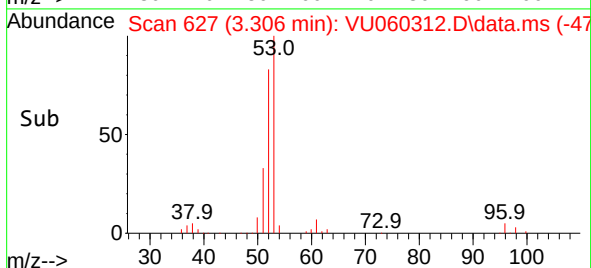
Reviewed By :Mahesh Dadoda 08/09/2024  
 Supervised By :Semsettin Yesilyurt 08/09/2024

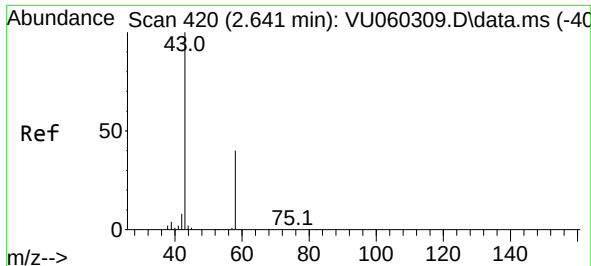


#12  
 Acrylonitrile  
 Concen: 43.680 ug/l  
 RT: 3.306 min Scan# 627  
 Delta R.T. -0.013 min  
 Lab File: VU060312.D  
 Acq: 05 Aug 2024 15:14



Tgt Ion: 53 Resp: 115235  
 Ion Ratio Lower Upper  
 53 100  
 52 80.6 63.7 95.5  
 51 34.7 28.2 42.4





#13

Acetone

Concen: 33.150 ug/l

RT: 2.625 min Scan# 415

Delta R.T. -0.016 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU080524

Tgt Ion: 43 Resp: 94702

Ion Ratio Lower Upper

43 100

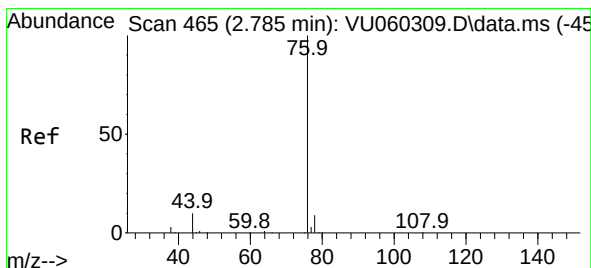
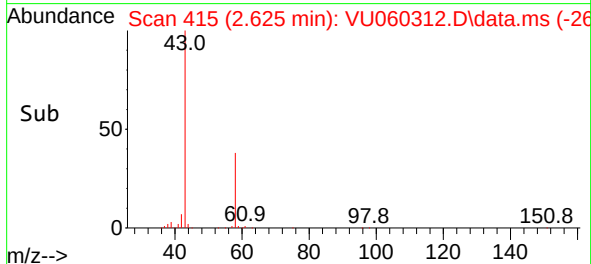
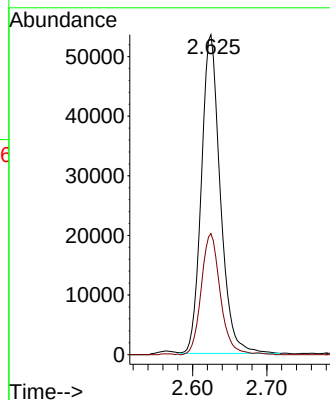
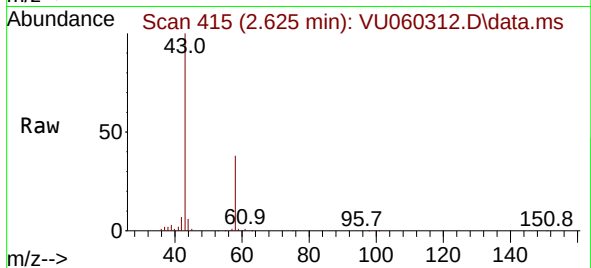
58 38.0 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024

Supervised By :Semsettin Yesilyurt 08/09/2024



#14

Carbon Disulfide

Concen: 8.950 ug/l

RT: 2.779 min Scan# 463

Delta R.T. -0.006 min

Lab File: VU060312.D

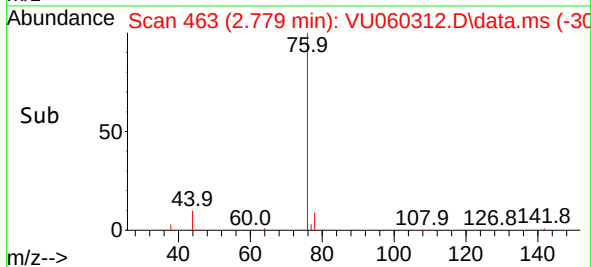
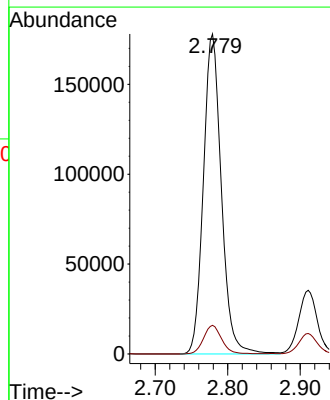
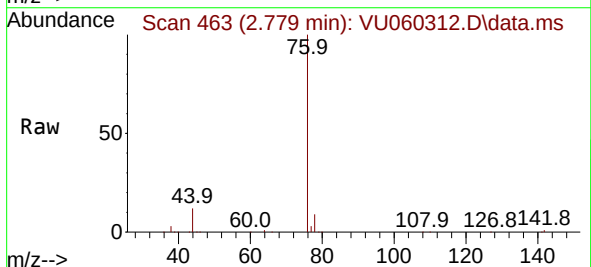
Acq: 05 Aug 2024 15:14

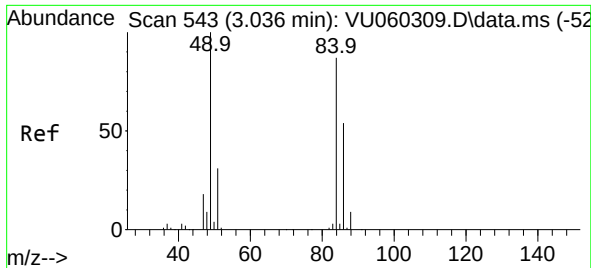
Tgt Ion: 76 Resp: 306412

Ion Ratio Lower Upper

76 100

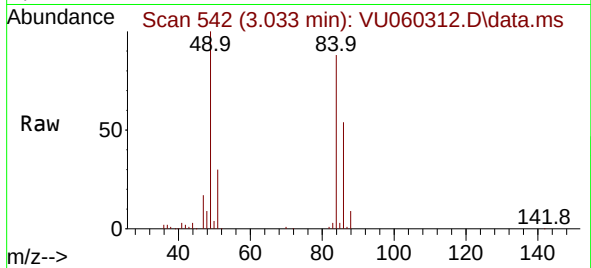
78 8.9 7.4 11.0





#15  
Methylene Chloride  
Concen: 9.364 ug/l  
RT: 3.033 min Scan# 543  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

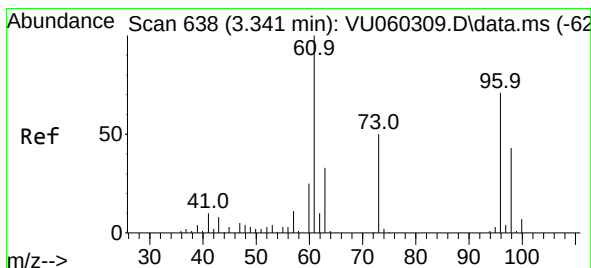
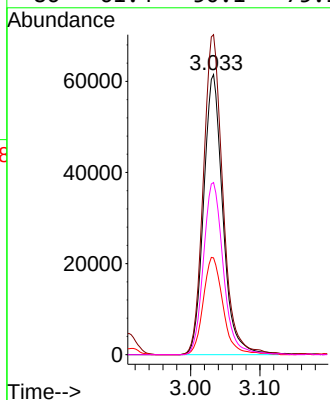
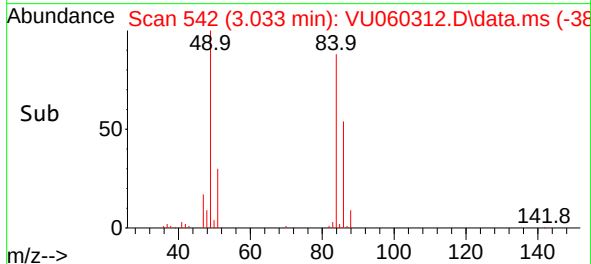
Instrument : MSVOA\_U  
ClientSampleId : ICVVU080524



Tgt Ion: 84 Resp: 11836  
Ion Ratio Lower Upper  
84 100  
49 114.2 92.1 138.1  
51 34.5 0.0 72.4  
86 61.4 50.1 75.1

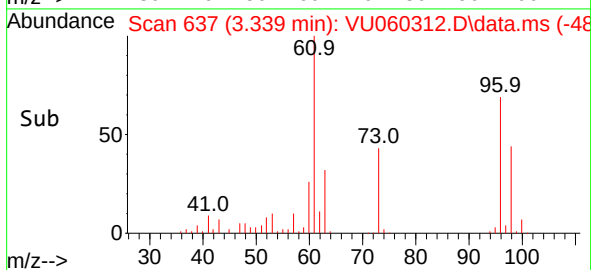
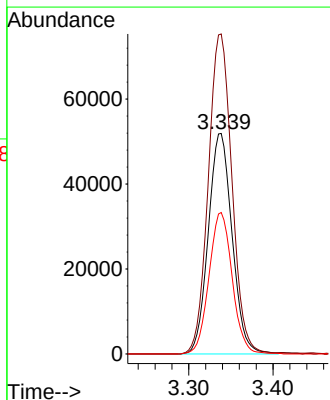
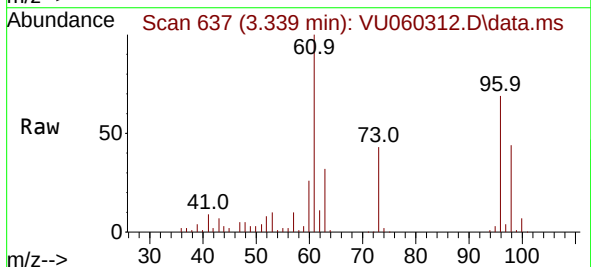
Manual Integrations  
APPROVED

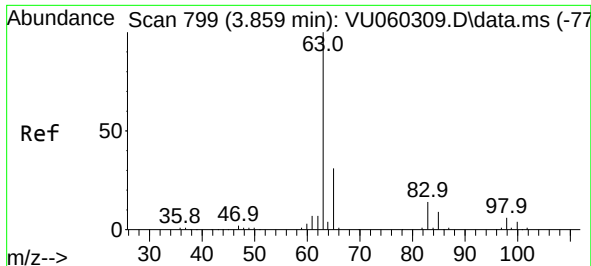
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#16  
trans-1,2-Dichloroethene  
Concen: 9.422 ug/l  
RT: 3.339 min Scan# 637  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

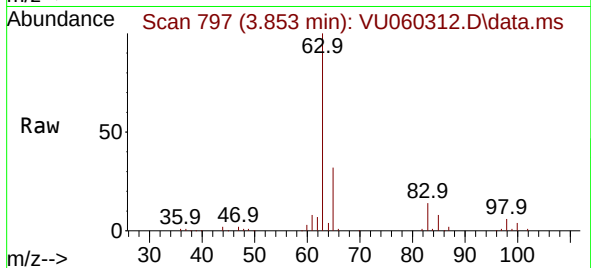
Tgt Ion: 96 Resp: 101938  
Ion Ratio Lower Upper  
96 100  
61 145.1 112.8 169.2  
98 64.1 48.7 73.1





#17  
1,1-Dichloroethane  
Concen: 9.569 ug/l  
RT: 3.853 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

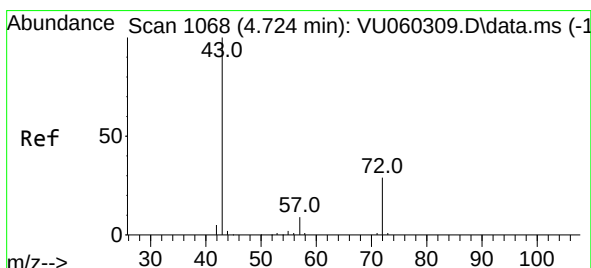
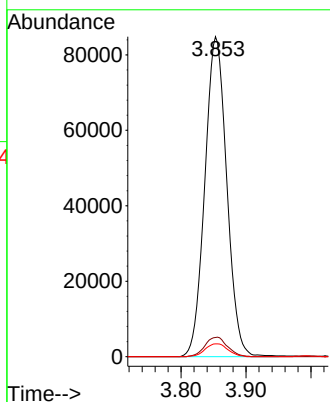
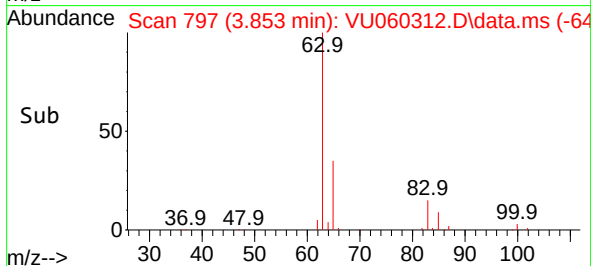
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



Tgt Ion: 63 Resp: 199048  
Ion Ratio Lower Upper  
63 100  
98 6.0 3.1 9.4  
100 4.0 2.0 5.8

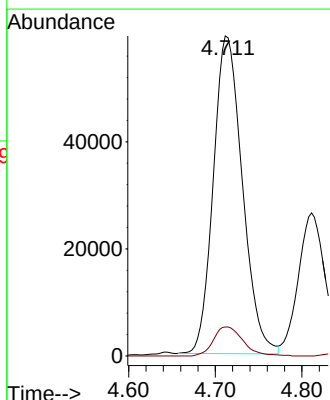
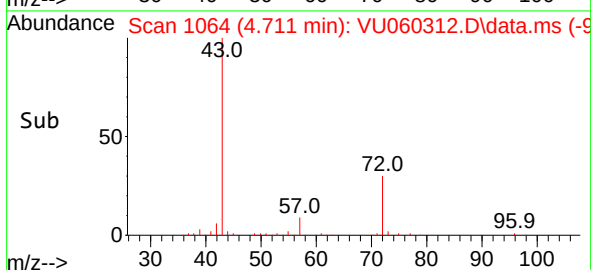
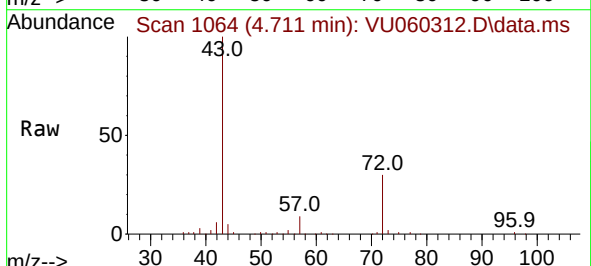
Manual Integrations  
APPROVED

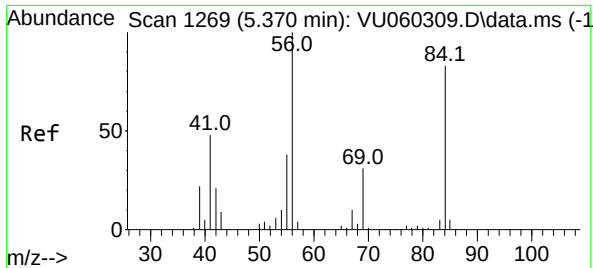
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#18  
2-Butanone  
Concen: 37.327 ug/l  
RT: 4.711 min Scan# 1064  
Delta R.T. -0.013 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

Tgt Ion: 43 Resp: 138178  
Ion Ratio Lower Upper  
43 100  
57 9.1 0.0 18.4





#19

Cyclohexane

Concen: 9.416 ug/l m

RT: 5.364 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU080524

Tgt Ion: 56 Resp: 168830

Ion Ratio Lower Upper

56 100

69 30.9 24.2 36.2

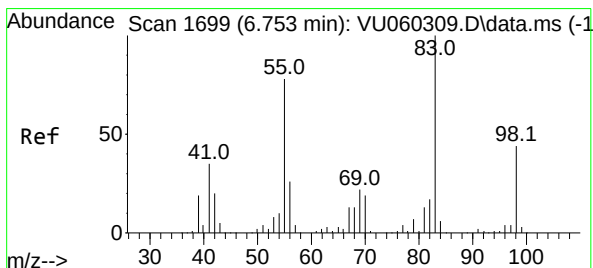
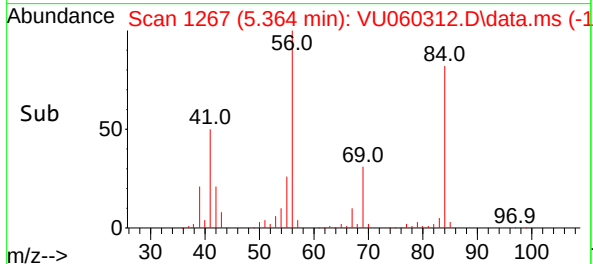
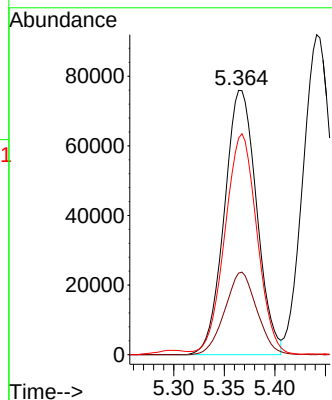
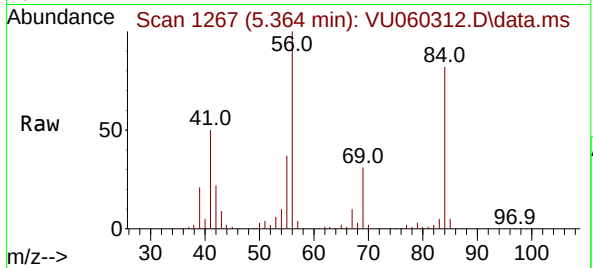
84 81.1 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024

Supervised By :Semsettin Yesilyurt 08/09/2024



#20

Methylcyclohexane

Concen: 10.384 ug/l

RT: 6.750 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

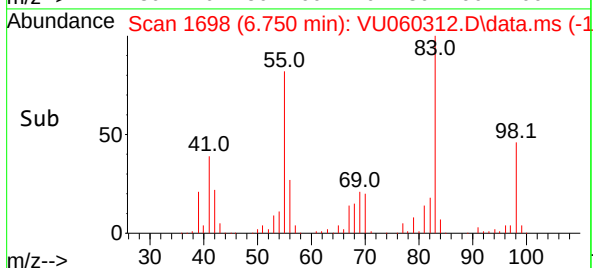
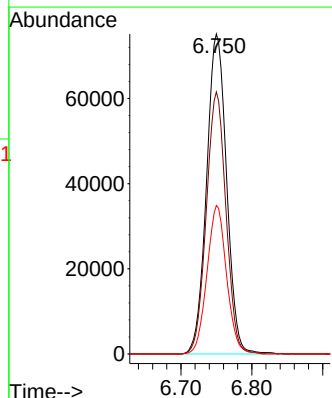
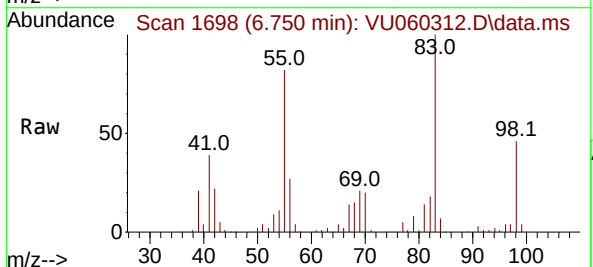
Tgt Ion: 83 Resp: 147759

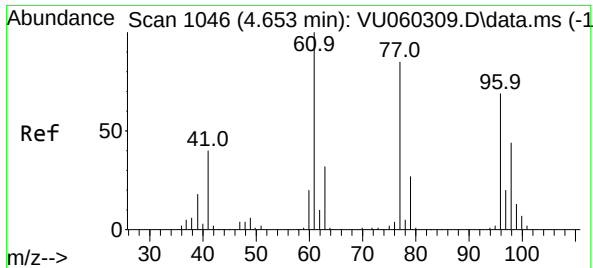
Ion Ratio Lower Upper

83 100

55 79.9 62.2 93.2

98 45.4 36.1 54.1





#21  
2,2-Dichloropropane  
Concen: 9.963 ug/l  
RT: 4.650 min Scan# 1045  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

Instrument :

MSVOA\_U

ClientSampleId :

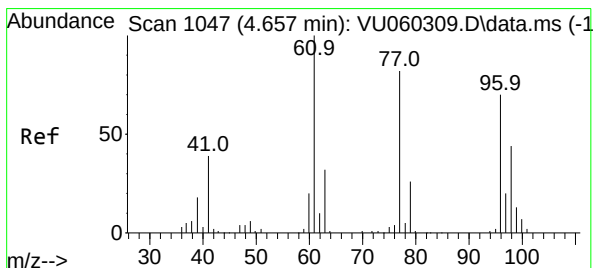
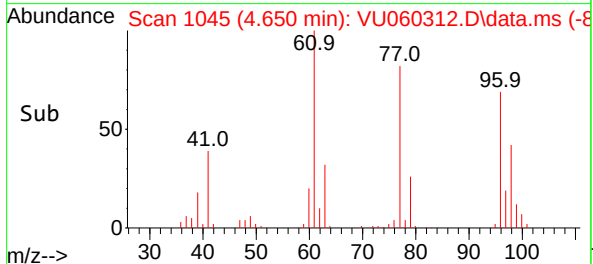
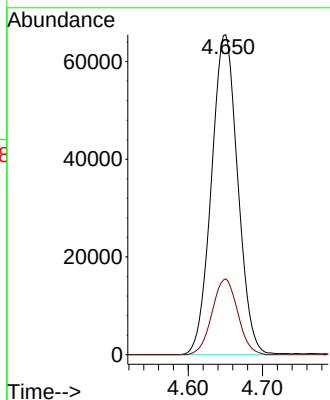
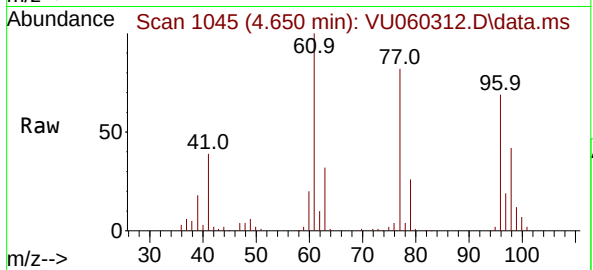
ICVVU080524

Tgt Ion: 77 Resp: 161390  
Ion Ratio Lower Upper  
77 100  
97 23.1 18.6 27.8

Manual Integrations

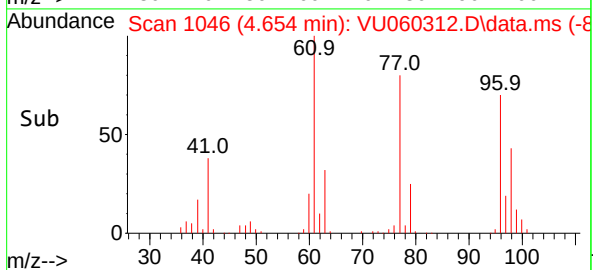
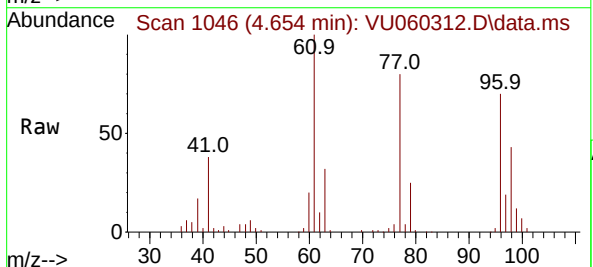
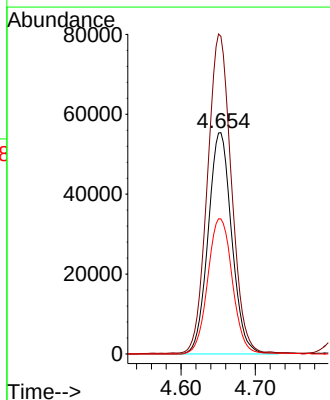
APPROVED

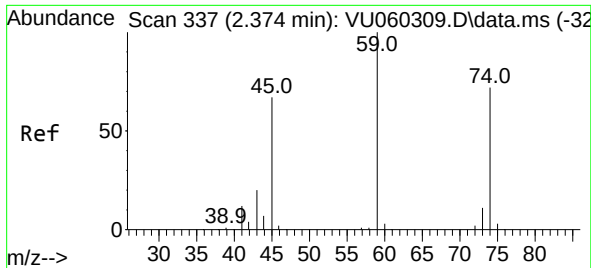
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#22  
cis-1,2-Dichloroethene  
Concen: 10.553 ug/l  
RT: 4.654 min Scan# 1046  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

Tgt Ion: 96 Resp: 122311  
Ion Ratio Lower Upper  
96 100  
61 145.8 0.0 372.8  
98 63.6 31.8 95.4





#23

Diethyl Ether

Concen: 9.136 ug/l

RT: 2.371 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA\_U

ClientSampleId :

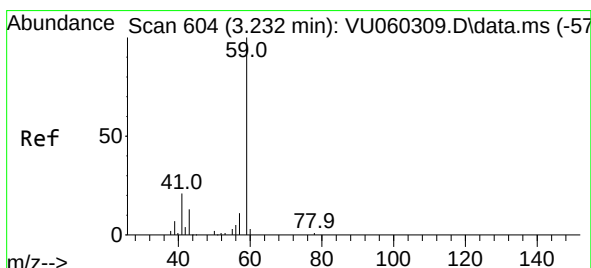
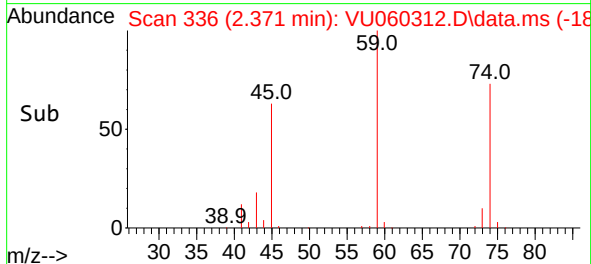
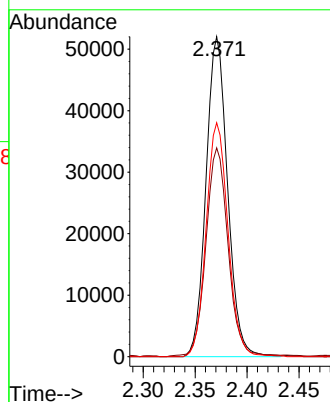
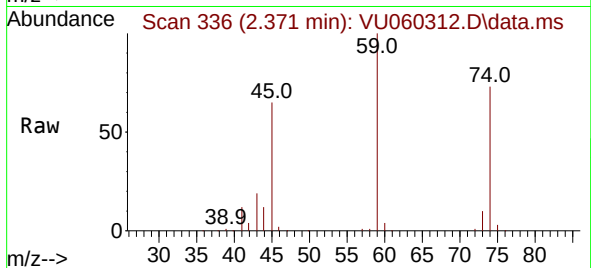
ICVVU080524

|             |                |
|-------------|----------------|
| Tgt Ion: 59 | Resp: 7496     |
| Ion Ratio   | Lower Upper    |
| 59          | 100            |
| 45          | 67.9 55.8 83.6 |
| 74          | 74.2 59.2 88.8 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#24

tert-Butyl Alcohol

Concen: 44.982 ug/l m

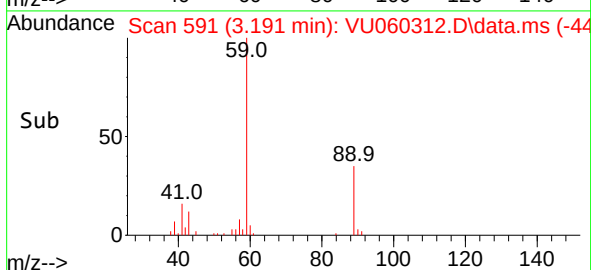
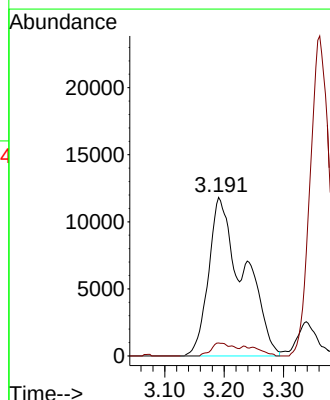
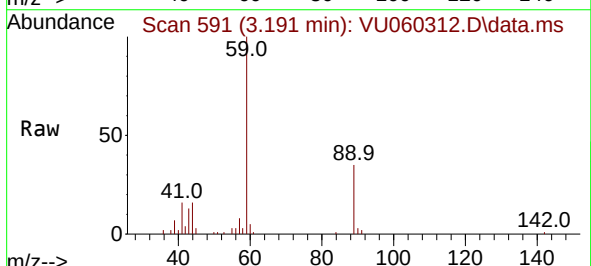
RT: 3.191 min Scan# 591

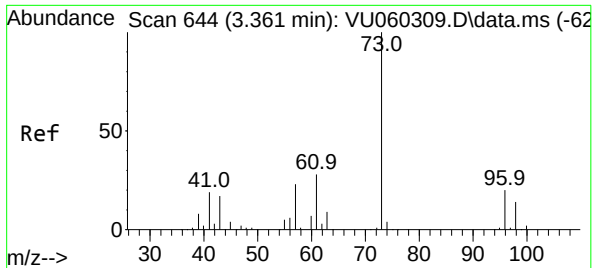
Delta R.T. -0.042 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

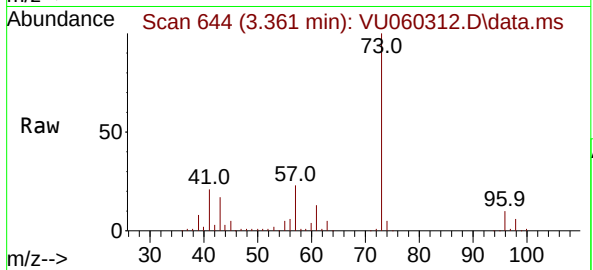
|             |             |
|-------------|-------------|
| Tgt Ion: 59 | Resp: 48357 |
| Ion Ratio   | Lower Upper |
| 59          | 100         |
| 57          | 5.3 4.5 6.7 |





#25  
Methyl tert-Butyl Ether  
Concen: 9.535 ug/l  
RT: 3.361 min Scan# 644  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

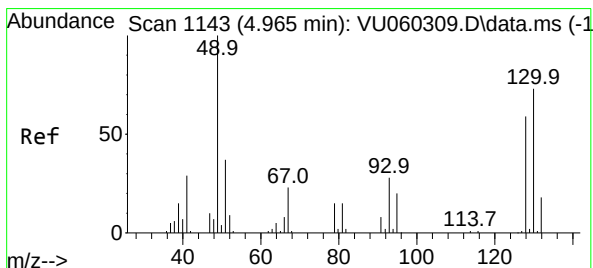
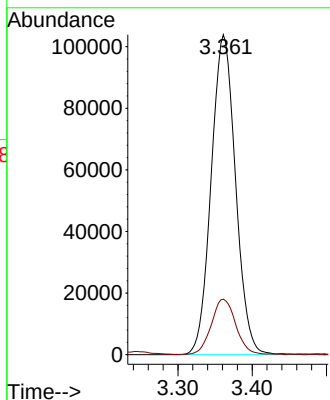
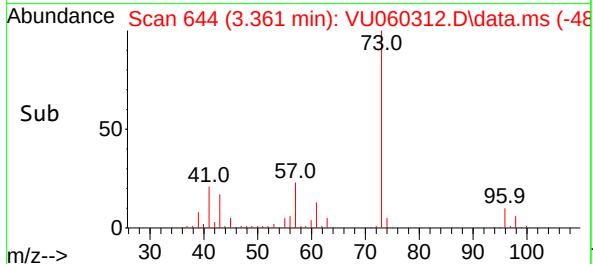
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



Tgt Ion: 73 Resp: 23635  
Ion Ratio Lower Upper  
73 100  
43 17.6 14.1 21.1

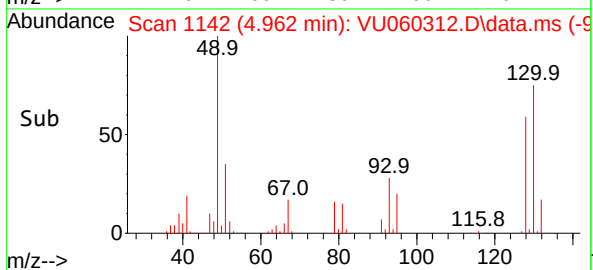
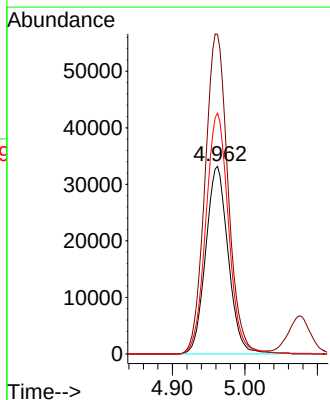
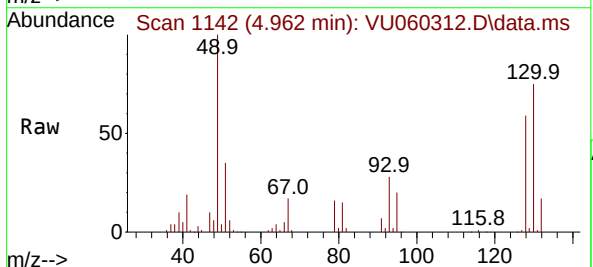
Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024

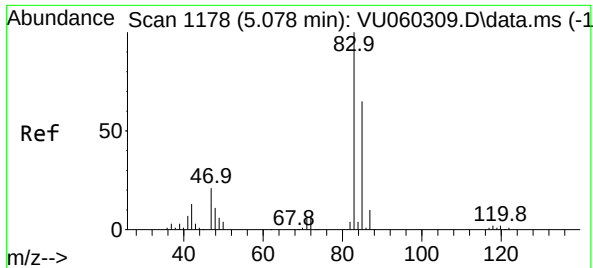


#26  
Bromochloromethane  
Concen: 14.566 ug/l  
RT: 4.962 min Scan# 1142  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

Tgt Ion:128 Resp: 71486  
Ion Ratio Lower Upper  
128 100  
49 174.3 0.0 340.8  
130 129.9 102.1 153.1

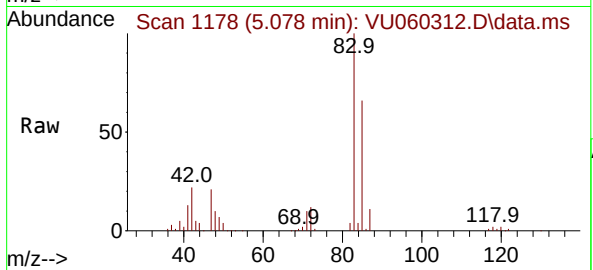






#27  
Chloroform  
Concen: 9.549 ug/l  
RT: 5.078 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

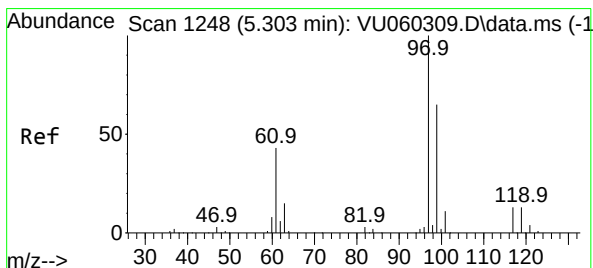
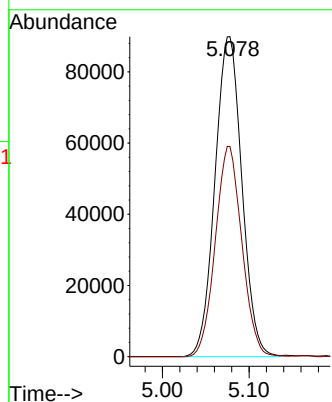
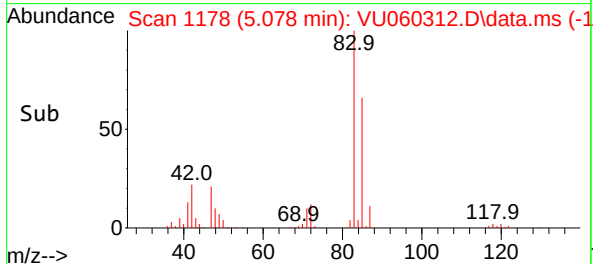
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



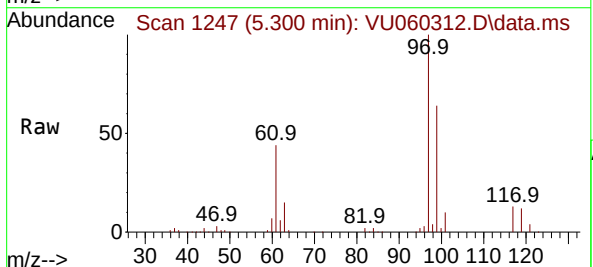
Tgt Ion: 83 Resp: 19436  
Ion Ratio Lower Upper  
83 100  
85 65.7 0.0 131.0

Manual Integrations  
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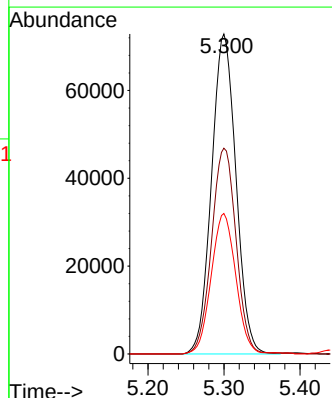
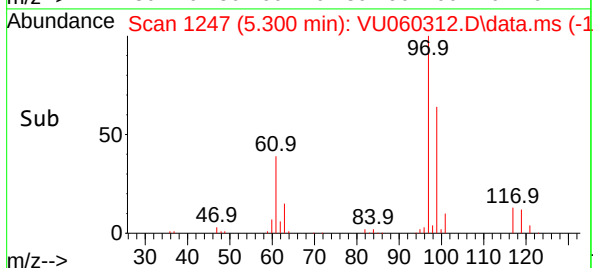
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024

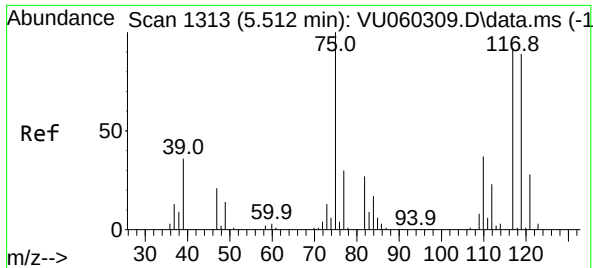


#28  
1,1,1-Trichloroethane  
Concen: 9.613 ug/l  
RT: 5.300 min Scan# 1247  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14



Tgt Ion: 97 Resp: 162523  
Ion Ratio Lower Upper  
97 100  
99 64.6 32.8 98.4  
61 44.1 22.3 66.9





#29  
1,1-Dichloropropene  
Concen: 9.112 ug/l  
RT: 5.509 min Scan# 1312  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

Instrument :

MSVOA\_U

ClientSampleId :

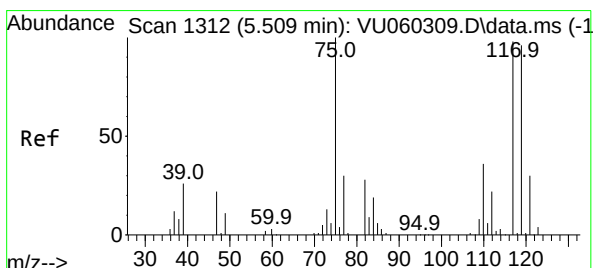
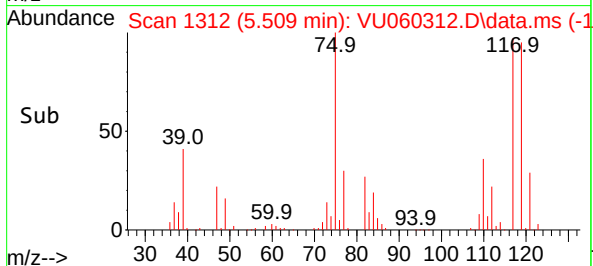
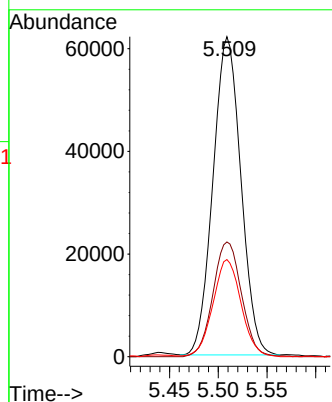
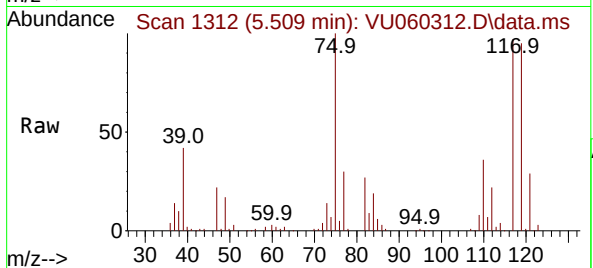
ICVVU080524

Tgt Ion: 75 Resp: 123438  
Ion Ratio Lower Upper  
75 100  
110 36.9 18.4 55.2  
77 30.9 24.8 37.2

Manual Integrations

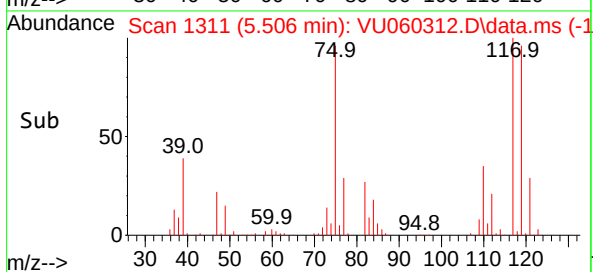
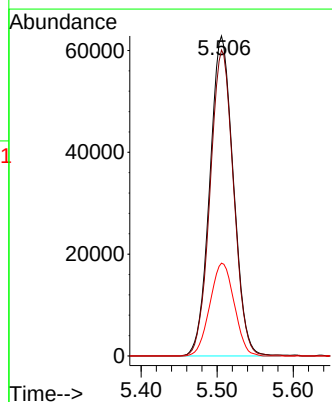
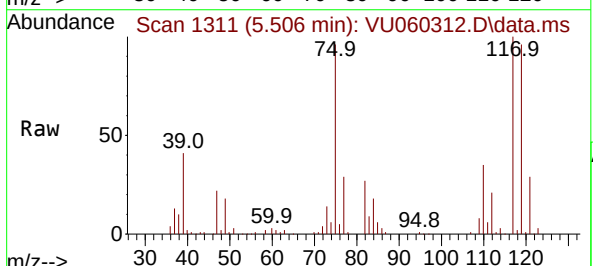
APPROVED

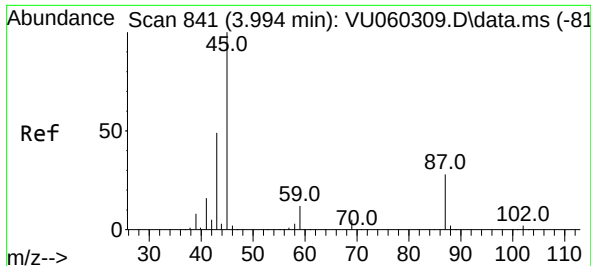
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#30  
Carbon Tetrachloride  
Concen: 9.806 ug/l  
RT: 5.506 min Scan# 1311  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

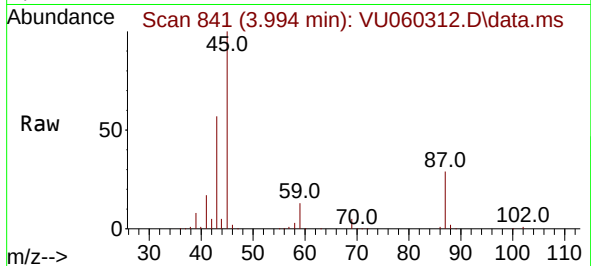
Tgt Ion:117 Resp: 135107  
Ion Ratio Lower Upper  
117 100  
119 95.6 77.8 116.6  
121 29.0 24.2 36.2





#31  
Isopropyl Ether  
Concen: 10.081 ug/l  
RT: 3.994 min Scan# 841  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

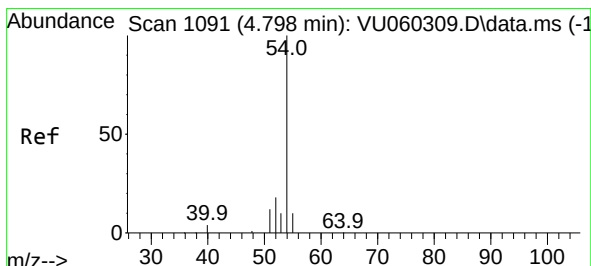
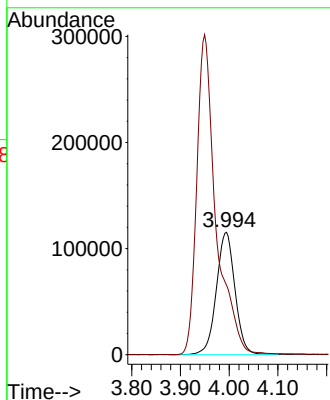
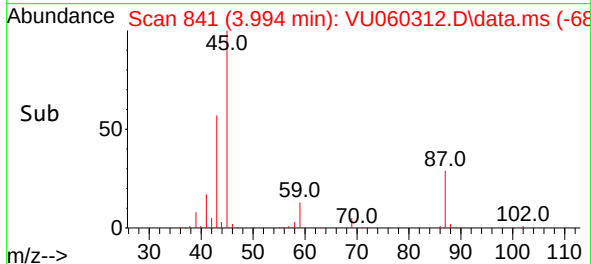
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



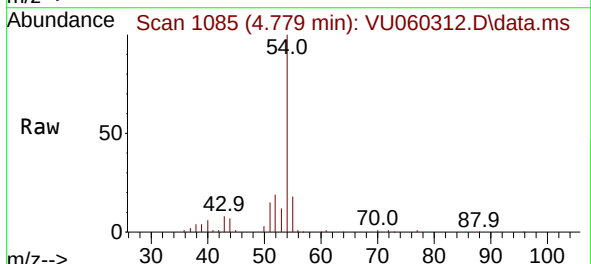
Tgt Ion: 45 Resp: 306529  
Ion Ratio Lower Upper  
45 100  
43 269.6 24.7 74.13

Manual Integrations  
APPROVED

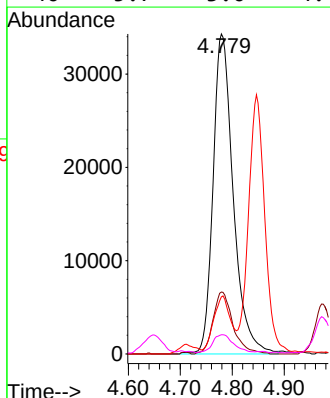
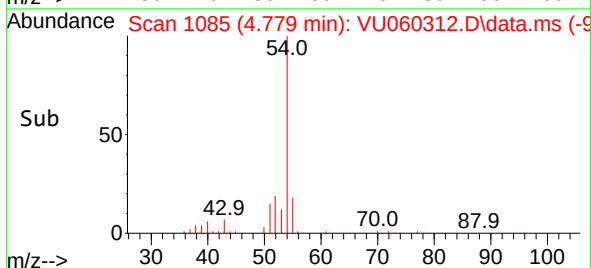
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024

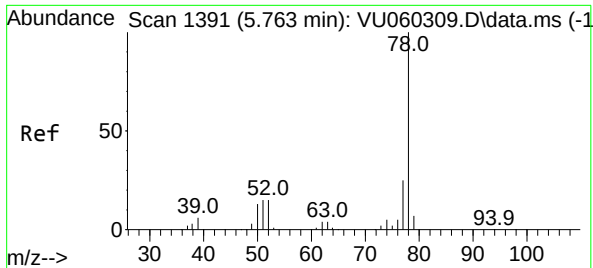


#34  
Propionitrile  
Concen: 87.524 ug/l  
RT: 4.779 min Scan# 1085  
Delta R.T. -0.019 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14



Tgt Ion: 54 Resp: 92603  
Ion Ratio Lower Upper  
54 100  
52 19.2 16.4 24.6  
55 15.0 5.2 7.8#  
40 5.7 3.0 4.4#





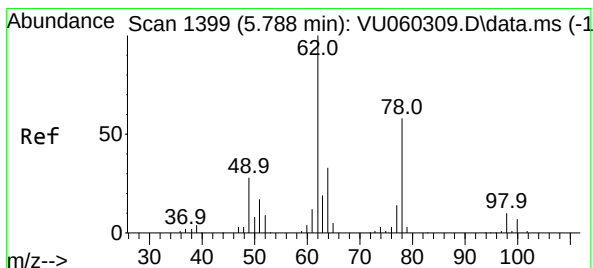
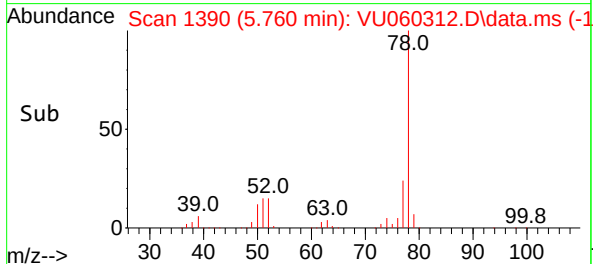
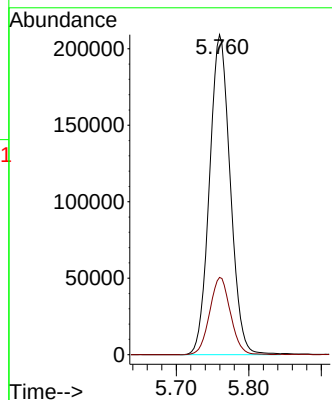
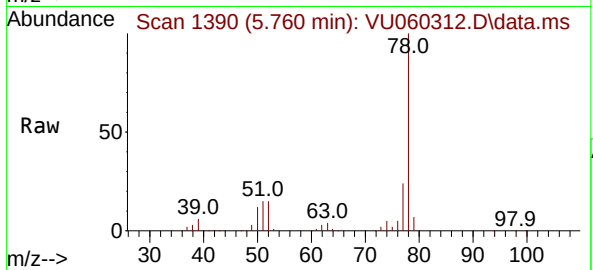
#35  
Benzene  
Concen: 9.959 ug/l  
RT: 5.760 min Scan# 1390  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524

Tgt Ion: 78 Resp: 415739  
Ion Ratio Lower Upper  
78 100  
77 24.2 20.2 30.2

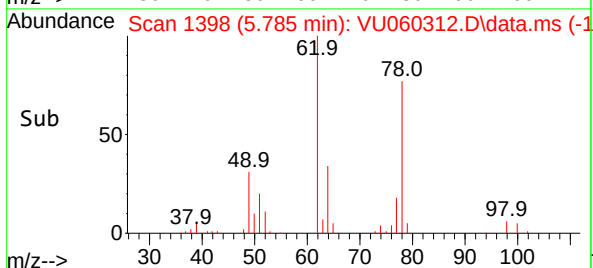
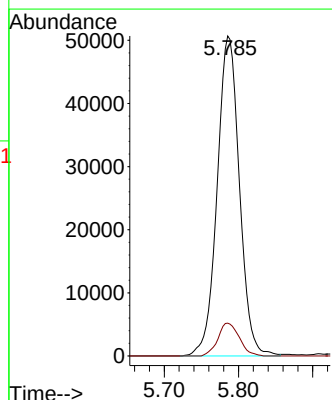
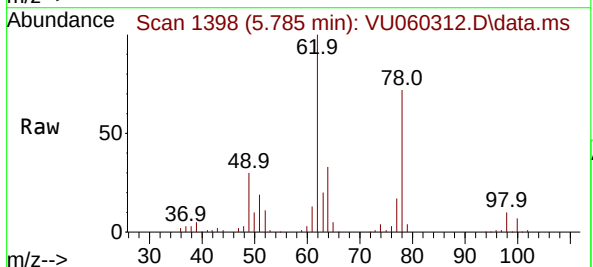
Manual Integrations  
APPROVED

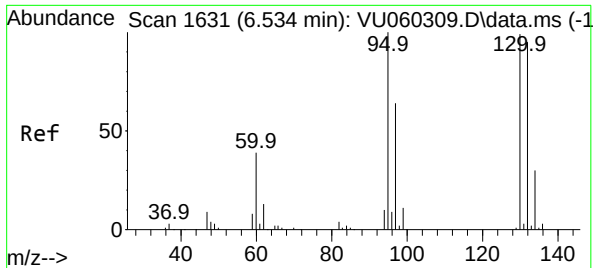
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#36  
1,2-Dichloroethane  
Concen: 9.118 ug/l  
RT: 5.785 min Scan# 1398  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

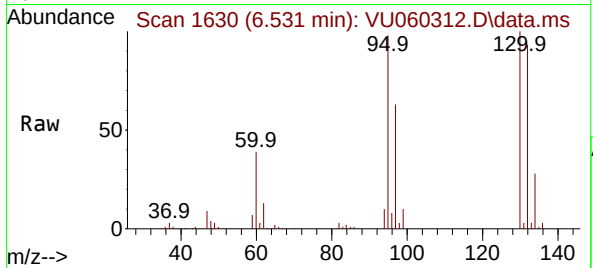
Tgt Ion: 62 Resp: 105773  
Ion Ratio Lower Upper  
62 100  
98 9.9 8.1 12.1





#37  
Trichloroethene  
Concen: 9.172 ug/l  
RT: 6.531 min Scan# 1631  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

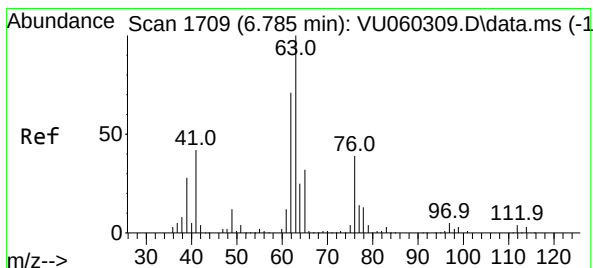
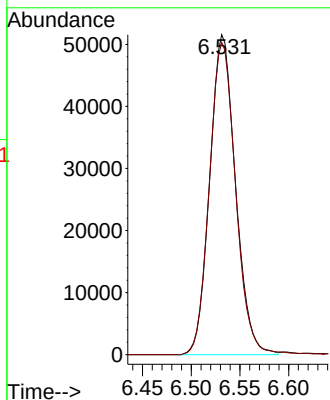
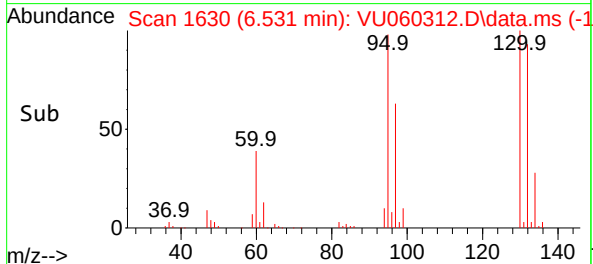
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



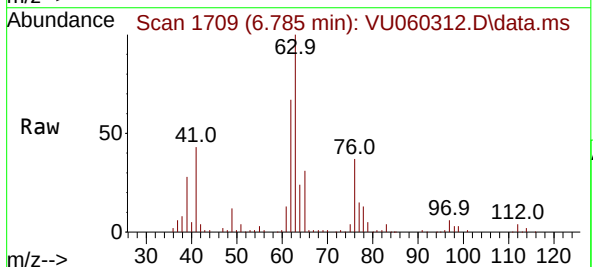
Tgt Ion:130 Resp: 94780  
Ion Ratio Lower Upper  
130 100  
95 97.6 80.6 121.0

Manual Integrations  
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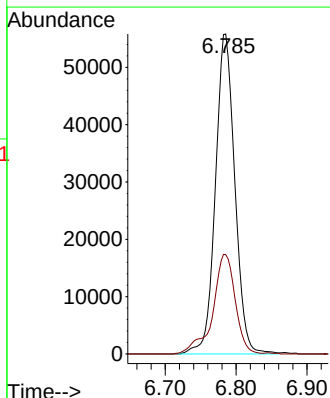
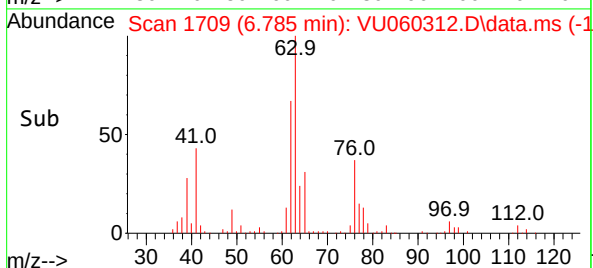
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024

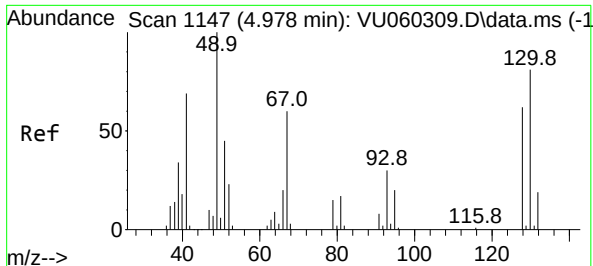


#38  
1,2-Dichloropropane  
Concen: 9.412 ug/l  
RT: 6.785 min Scan# 1709  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14



Tgt Ion: 63 Resp: 106281  
Ion Ratio Lower Upper  
63 100  
65 30.9 25.6 38.4





#39

Methacrylonitrile

Concen: 8.683 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU080524

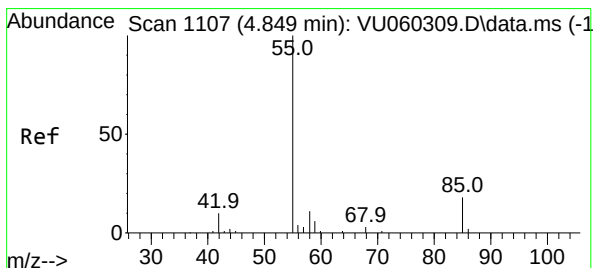
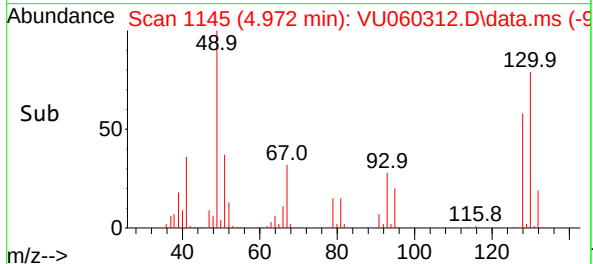
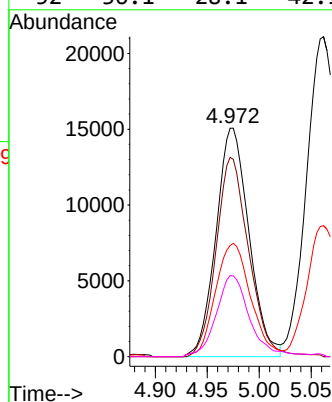
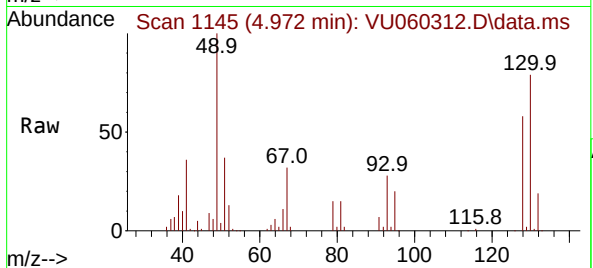
Tgt Ion: 41 Resp: 3325

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 67  | 86.6  | 67.4  | 101.0 |
| 39  | 52.9  | 41.7  | 62.5  |
| 52  | 36.1  | 28.1  | 42.1  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#40

Methyl acrylate

Concen: 8.907 ug/l

RT: 4.846 min Scan# 1106

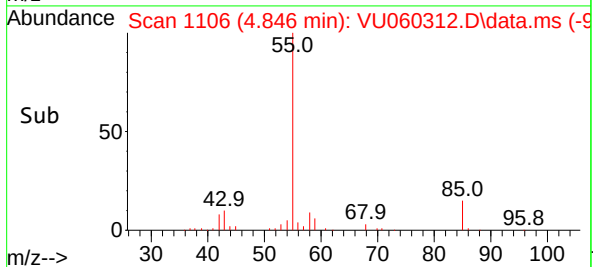
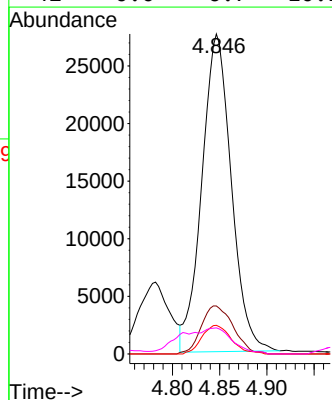
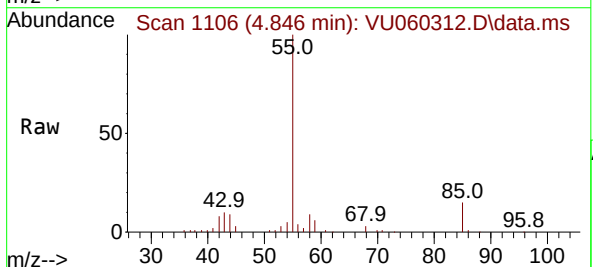
Delta R.T. -0.003 min

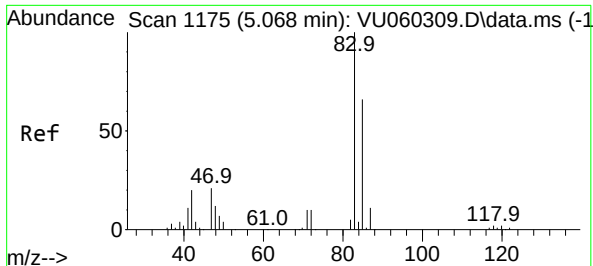
Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Tgt Ion: 55 Resp: 59723

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 55  | 100   |       |       |
| 85  | 16.5  | 13.6  | 20.4  |
| 58  | 9.0   | 7.6   | 11.4  |
| 42  | 0.0   | 6.7   | 10.1  |





#41

Tetrahydrofuran

Concen: 40.245 ug/l

RT: 5.062 min Scan# 1175

Delta R.T. -0.006 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU080524

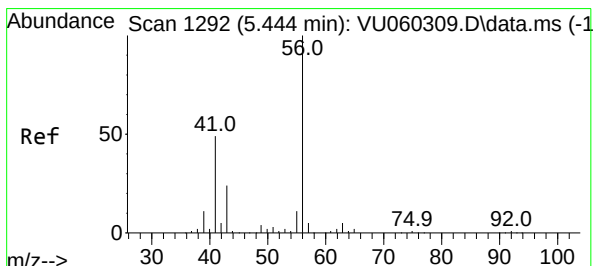
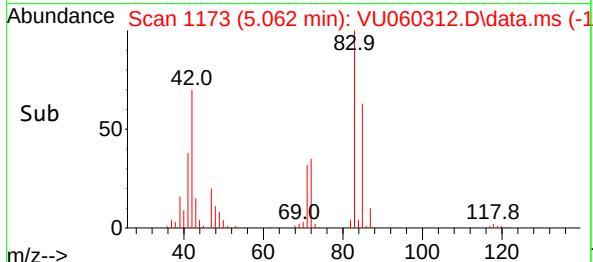
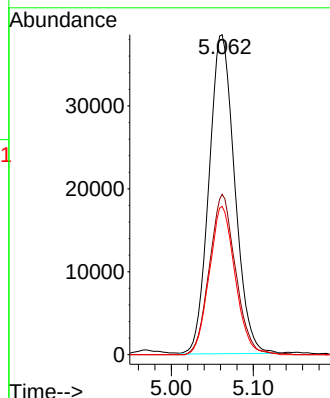
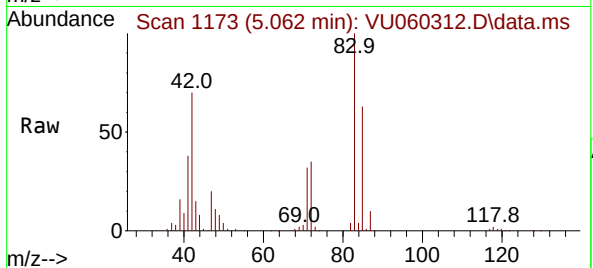
Tgt Ion: 42 Resp: 8391

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 51.0  | 40.6  | 60.8  |
| 71  | 46.6  | 38.0  | 57.0  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#42

1-Chlorobutane

Concen: 9.978 ug/l

RT: 5.441 min Scan# 1291

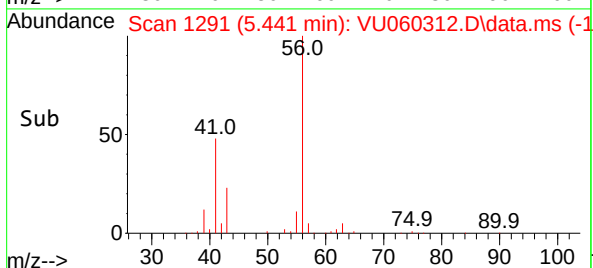
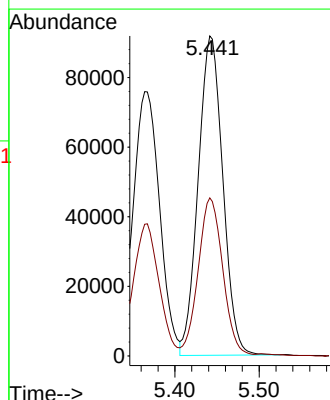
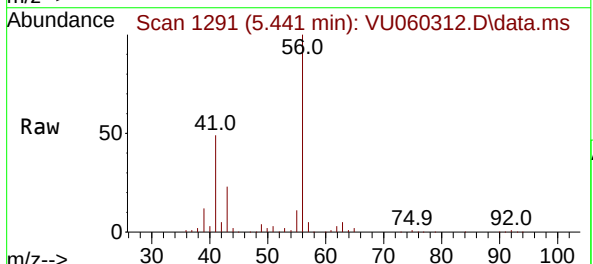
Delta R.T. -0.003 min

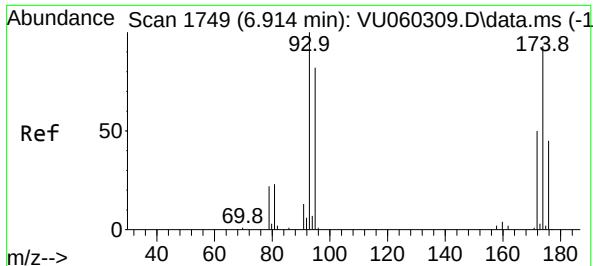
Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Tgt Ion: 56 Resp: 186388

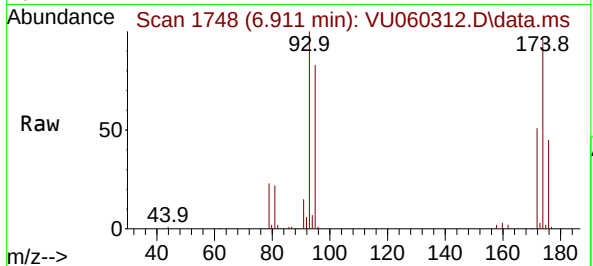
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 41  | 48.5  | 23.8  | 71.5  |





#43  
Dibromomethane  
Concen: 9.703 ug/l  
RT: 6.911 min Scan# 1748  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

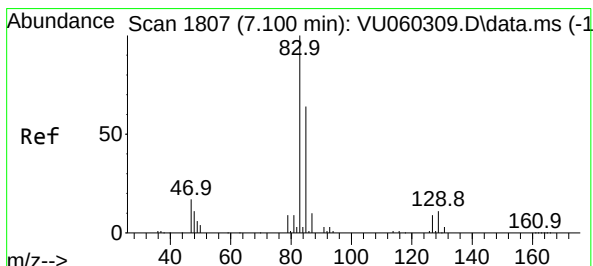
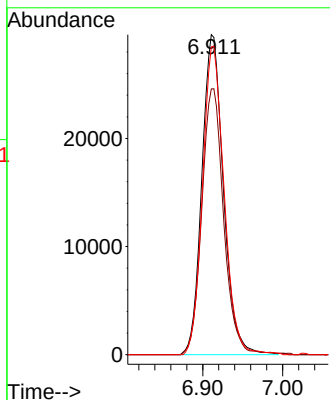
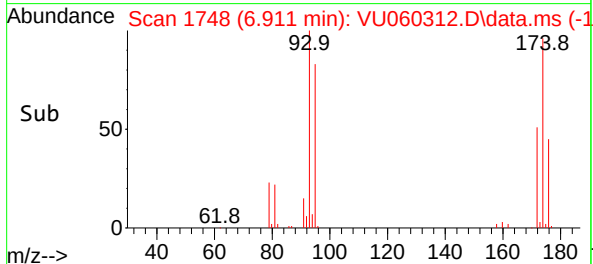
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



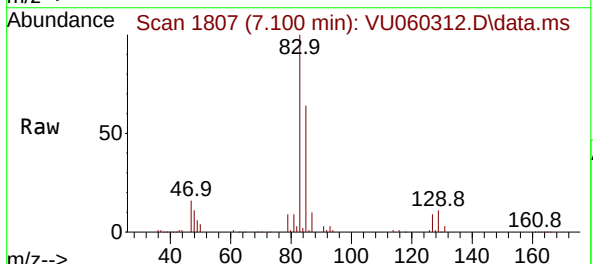
Tgt Ion: 93 Resp: 5543  
Ion Ratio Lower Upper  
93 100  
95 84.5 66.4 99.6  
174 96.6 75.2 112.8

Manual Integrations  
APPROVED

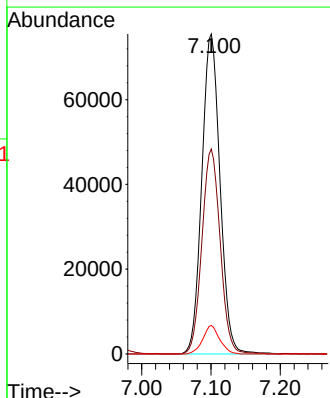
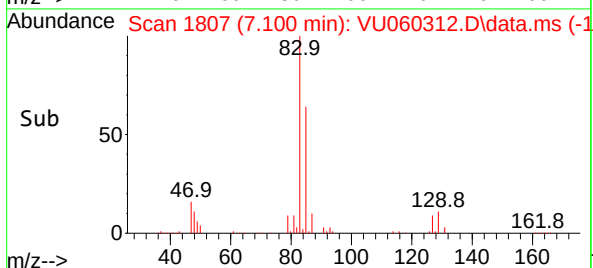
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



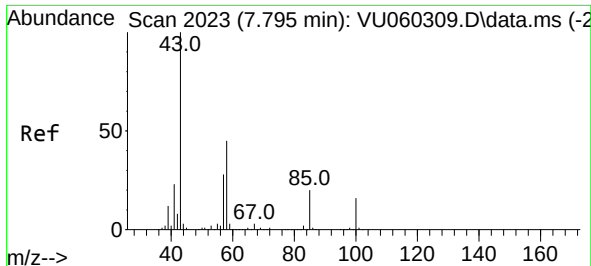
#44  
Bromodichloromethane  
Concen: 10.037 ug/l  
RT: 7.100 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14



Tgt Ion: 83 Resp: 137663  
Ion Ratio Lower Upper  
83 100  
85 64.0 51.3 76.9  
127 8.9 6.8 10.2

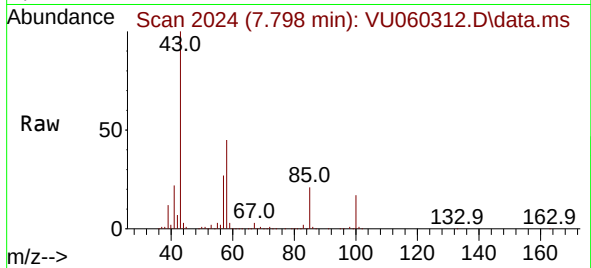






#45  
4-Methyl-2-Pentanone  
Concen: 50.272 ug/l  
RT: 7.798 min Scan# 2024  
Delta R.T. 0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

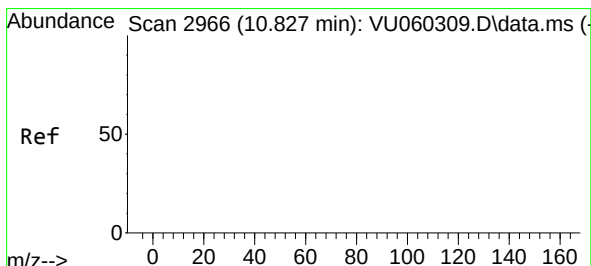
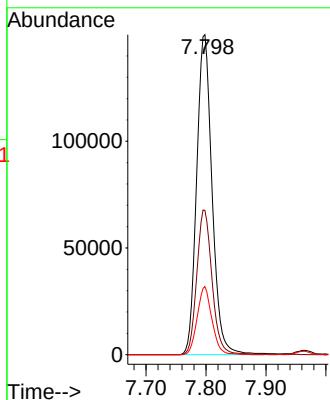
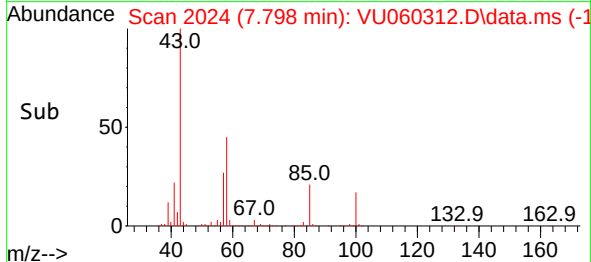
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



Tgt Ion: 43 Resp: 269660  
Ion Ratio Lower Upper  
43 100  
58 44.6 22.3 66.9  
85 20.2 16.0 24.0

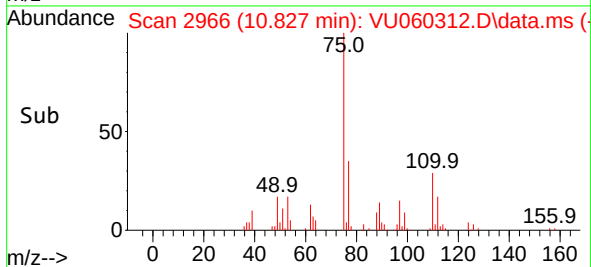
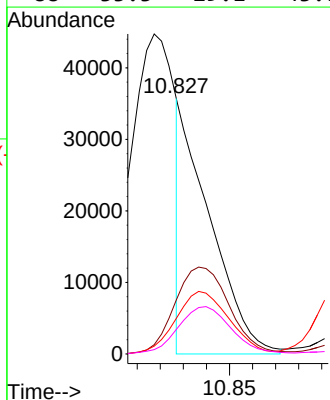
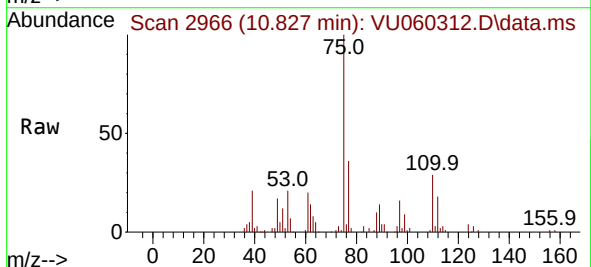
Manual Integrations  
APPROVED

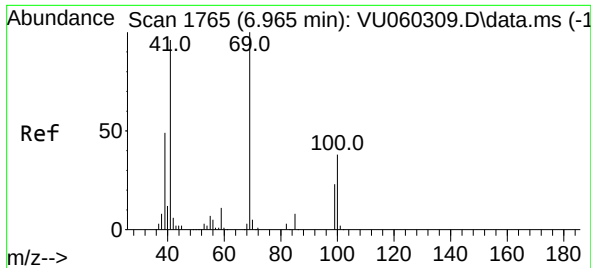
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#46  
t-1,4-Dichloro-2-butene  
Concen: 10.636 ug/l m  
RT: 10.827 min Scan# 2966  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

Tgt Ion: 75 Resp: 31970  
Ion Ratio Lower Upper  
75 100  
53 62.8 57.2 85.8  
89 44.1 40.4 60.6  
88 33.3 29.1 43.7





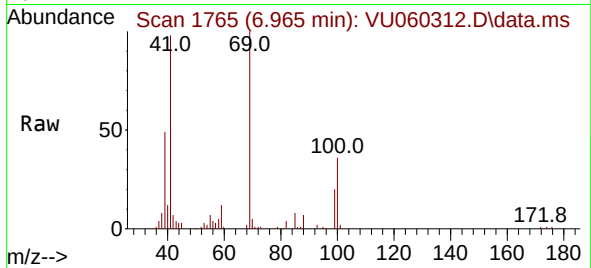
#47  
Methyl methacrylate  
Concen: 8.957 ug/l  
RT: 6.965 min Scan# 1765  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU080524

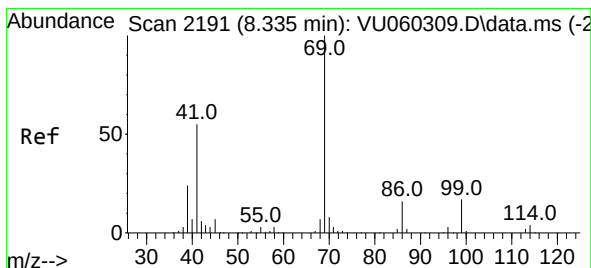
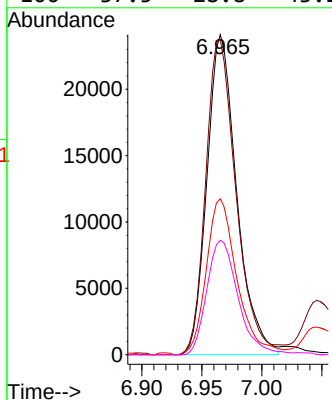
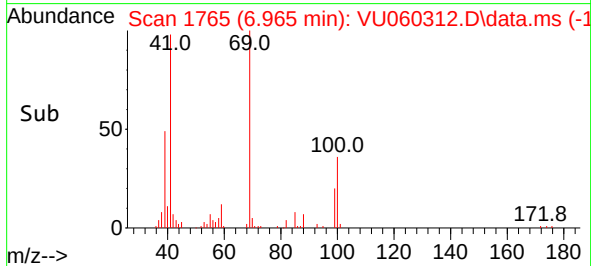


Tgt Ion: 69 Resp: 4152  
Ion Ratio Lower Upper  
69 100  
41 100.8 0.0 194.0  
39 50.4 38.0 57.0  
100 37.5 28.8 43.2

Manual Integrations

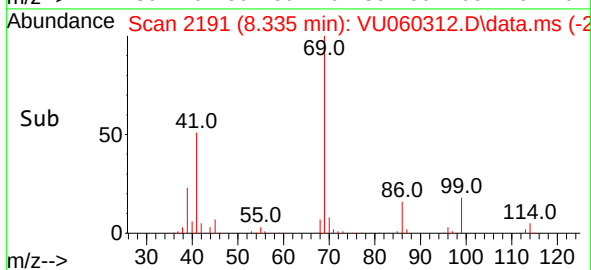
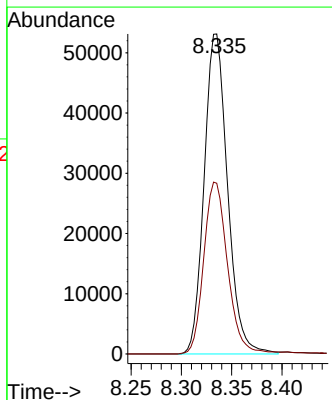
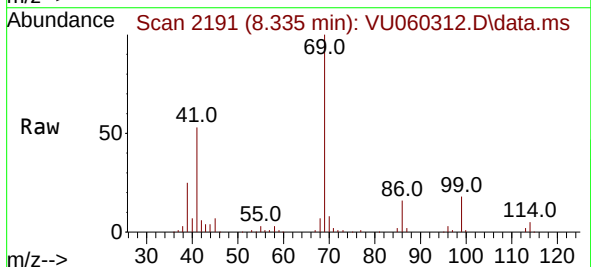
APPROVED

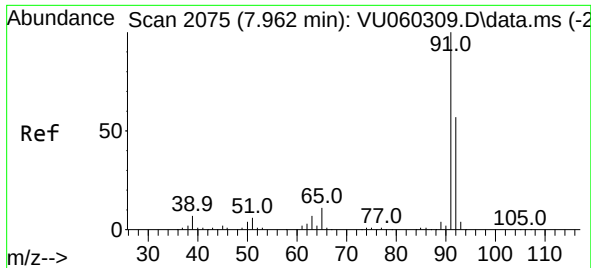
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#48  
Ethyl methacrylate  
Concen: 10.937 ug/l  
RT: 8.335 min Scan# 2191  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

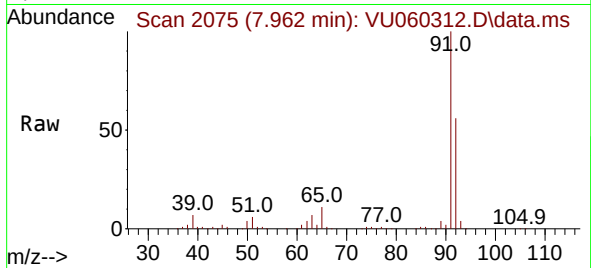
Tgt Ion: 69 Resp: 86079  
Ion Ratio Lower Upper  
69 100  
41 54.6 27.5 82.5





#49  
Toluene  
Concen: 10.843 ug/l  
RT: 7.962 min Scan# 2075  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

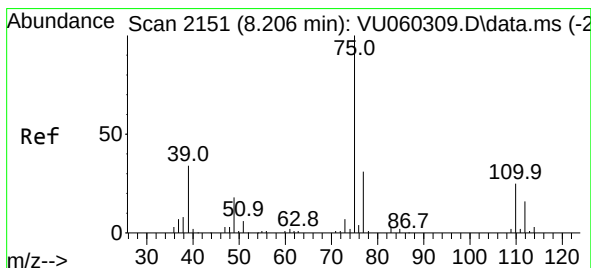
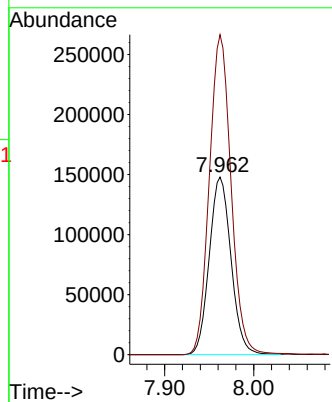
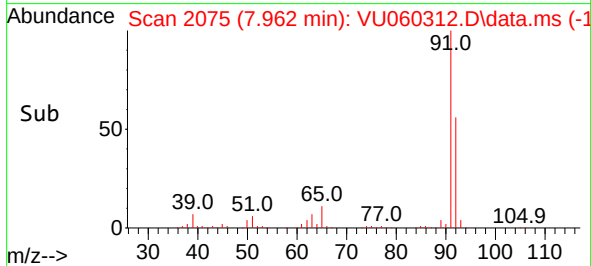
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



Tgt Ion: 92 Resp: 250989  
Ion Ratio Lower Upper  
92 100  
91 179.8 141.0 211.4

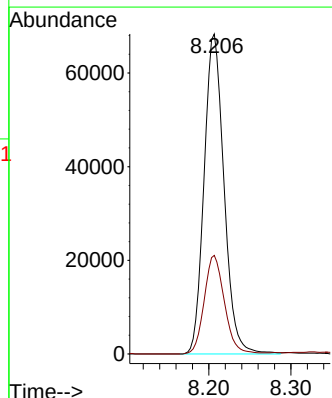
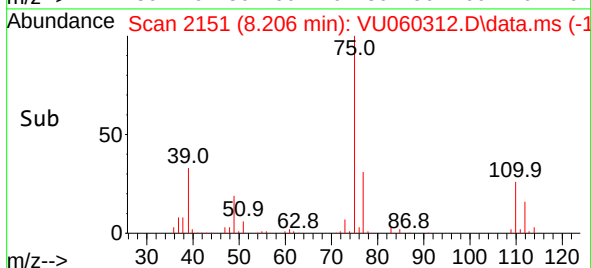
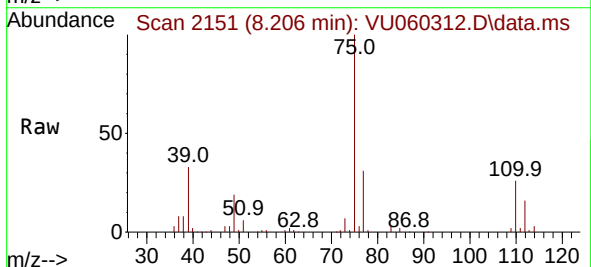
Manual Integrations  
APPROVED

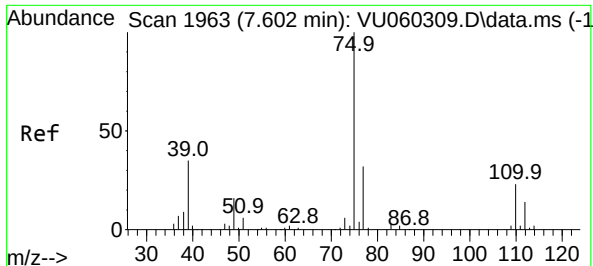
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#50  
t-1,3-Dichloropropene  
Concen: 10.182 ug/l  
RT: 8.206 min Scan# 2151  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

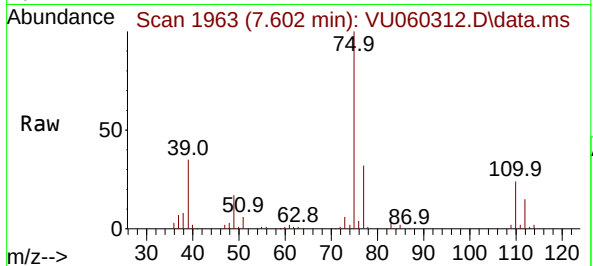
Tgt Ion: 75 Resp: 115294  
Ion Ratio Lower Upper  
75 100  
77 30.8 24.6 37.0





#51  
 cis-1,3-Dichloropropene  
 Concen: 9.593 ug/l  
 RT: 7.602 min Scan# 1963  
 Delta R.T. 0.000 min  
 Lab File: VU060312.D  
 Acq: 05 Aug 2024 15:14

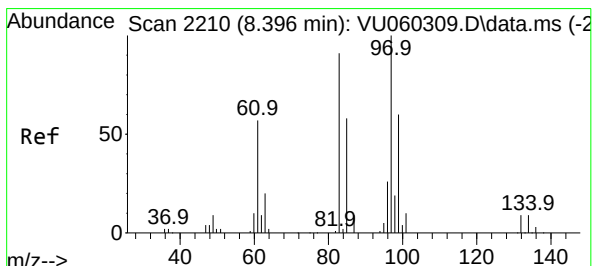
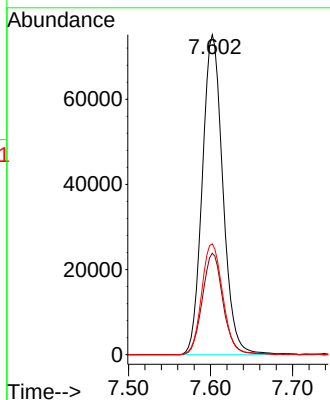
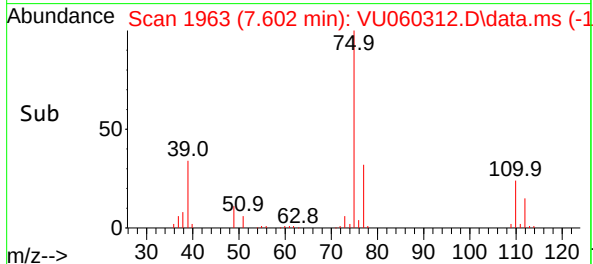
Instrument : MSVOA\_U  
 ClientSampleId : ICVVU080524



Tgt Ion: 75 Resp: 130670  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.4 38.0  
 39 34.6 28.0 42.0

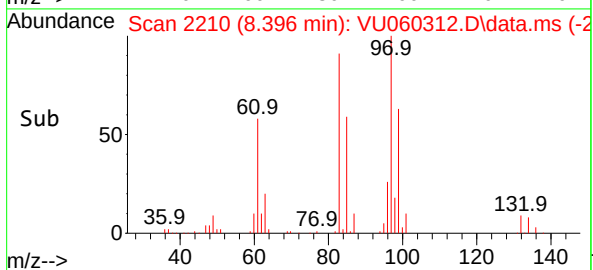
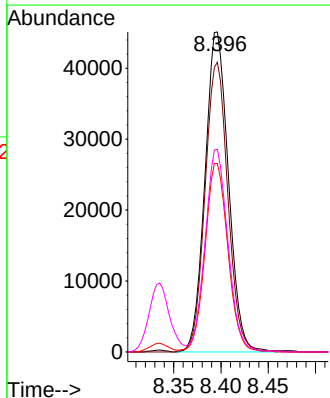
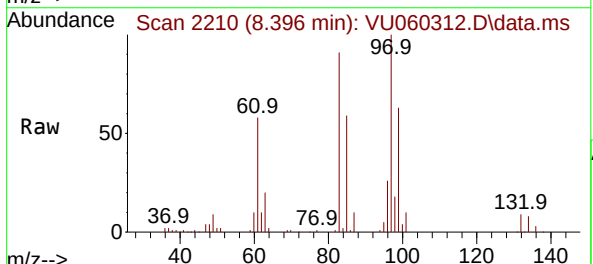
Manual Integrations  
 APPROVED

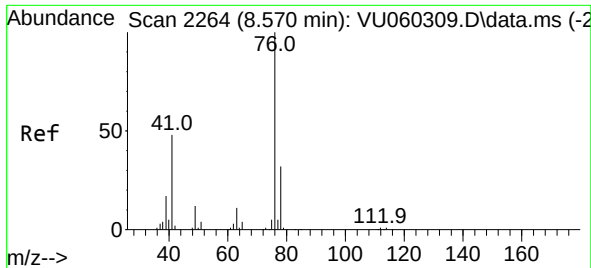
Reviewed By :Mahesh Dadoda 08/09/2024  
 Supervised By :Semsettin Yesilyurt 08/09/2024



#52  
 1,1,2-Trichloroethane  
 Concen: 9.278 ug/l  
 RT: 8.396 min Scan# 2210  
 Delta R.T. 0.000 min  
 Lab File: VU060312.D  
 Acq: 05 Aug 2024 15:14

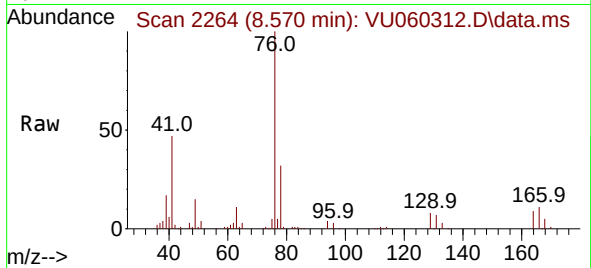
Tgt Ion: 97 Resp: 77801  
 Ion Ratio Lower Upper  
 97 100  
 83 90.3 73.0 109.4  
 85 58.9 46.2 69.4  
 99 63.1 50.1 75.1





#53  
1,3-Dichloropropane  
Concen: 9.503 ug/l  
RT: 8.570 min Scan# 2264  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

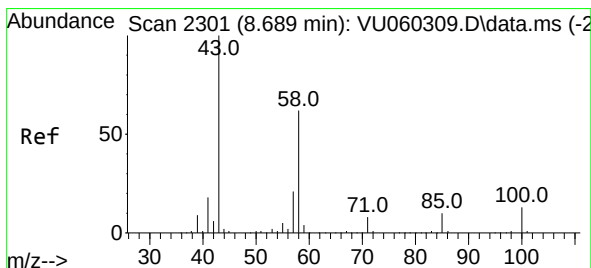
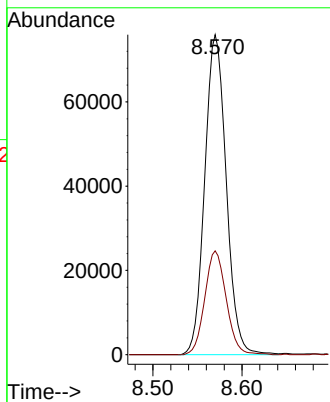
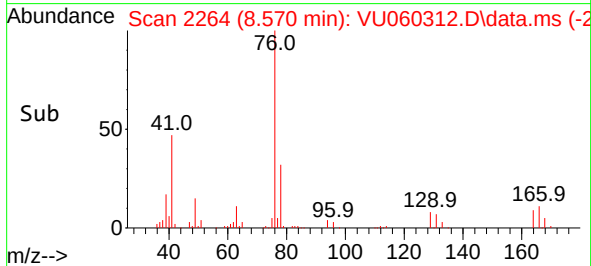
Instrument : MSVOA\_U  
ClientSampleId : ICVVU080524



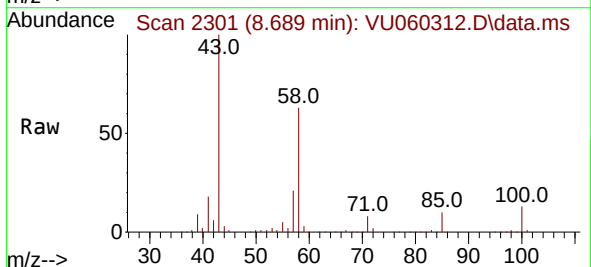
Tgt Ion: 76 Resp: 127158  
Ion Ratio Lower Upper  
76 100  
78 32.4 26.2 39.2

Manual Integrations  
APPROVED

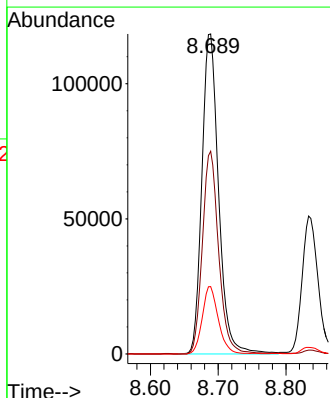
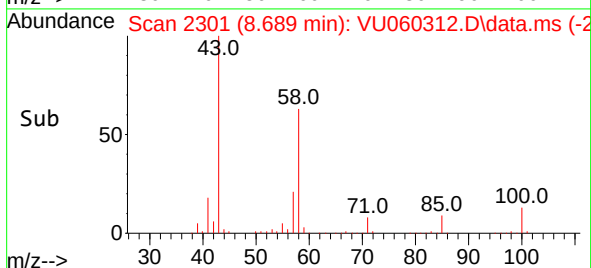
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024

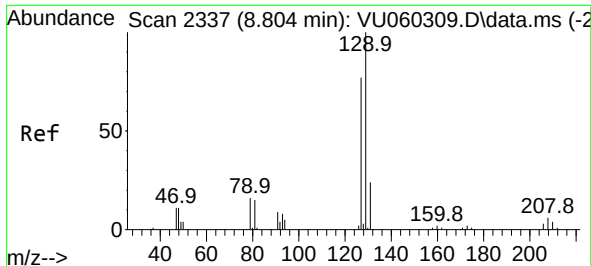


#54  
2-Hexanone  
Concen: 48.773 ug/l  
RT: 8.689 min Scan# 2301  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14



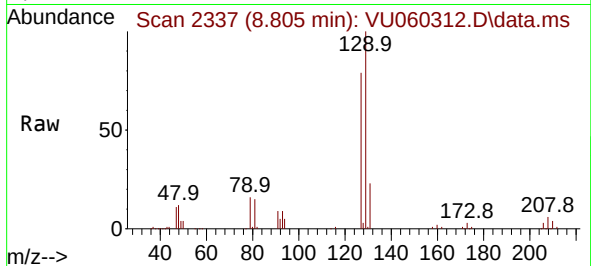
Tgt Ion: 43 Resp: 202770  
Ion Ratio Lower Upper  
43 100  
58 61.6 40.1 80.1  
57 20.3 0.3 40.3





#55  
Dibromochloromethane  
Concen: 9.741 ug/l  
RT: 8.805 min Scan# 2337  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

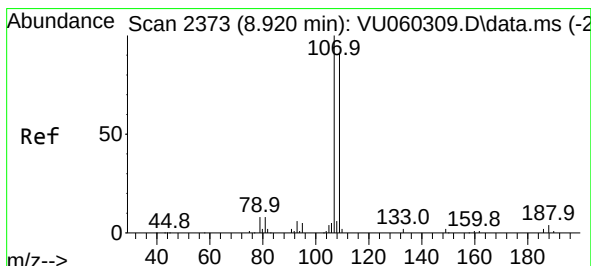
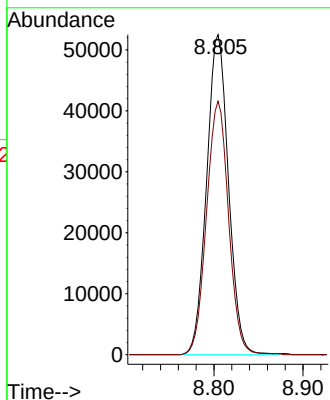
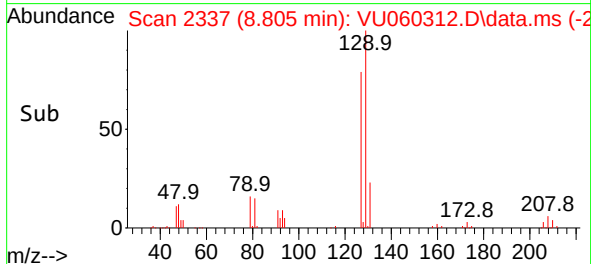
Instrument : MSVOA\_U  
ClientSampleId : ICVVU080524



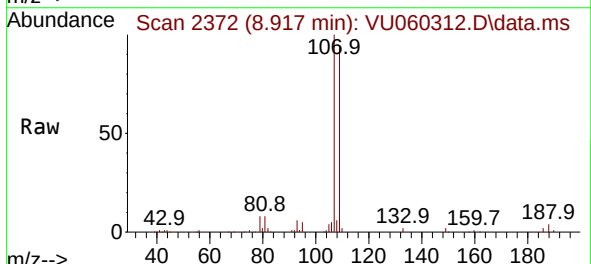
Tgt Ion:129 Resp: 89599  
Ion Ratio Lower Upper  
129 100  
127 79.7 61.6 92.4

Manual Integrations  
APPROVED

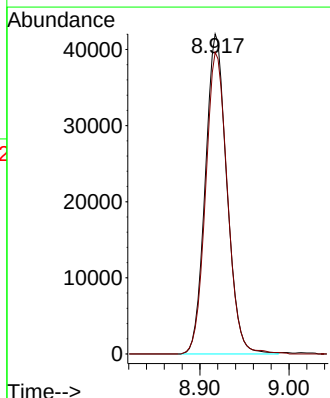
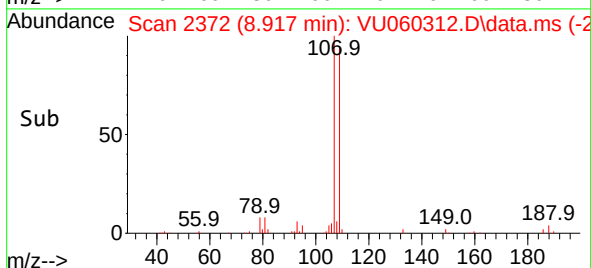
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024

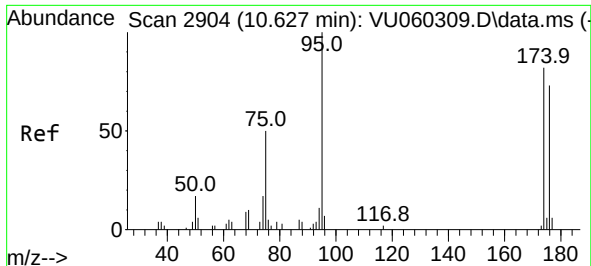


#56  
1,2-Dibromoethane  
Concen: 9.370 ug/l  
RT: 8.917 min Scan# 2372  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14



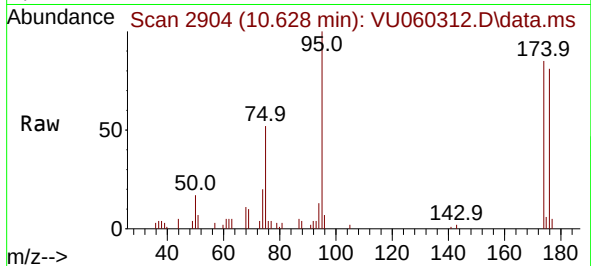
Tgt Ion:107 Resp: 70461  
Ion Ratio Lower Upper  
107 100  
109 95.6 0.0 184.0





#57  
4-Bromofluorobenzene  
Concen: 1.072 ug/l  
RT: 10.628 min Scan# 2904  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

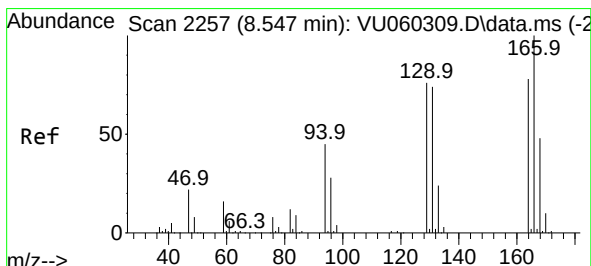
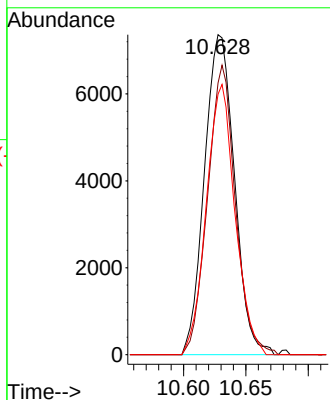
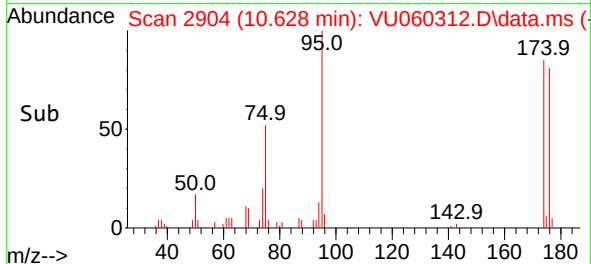
Instrument : MSVOA\_U  
ClientSampleId : ICVVU080524



Tgt Ion: 95 Resp: 1234  
Ion Ratio Lower Upper  
95 100  
174 83.9 65.6 98.4  
176 80.9 60.4 90.6

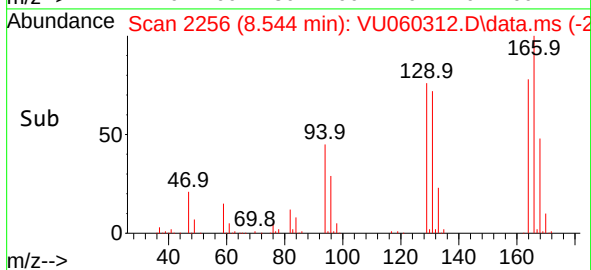
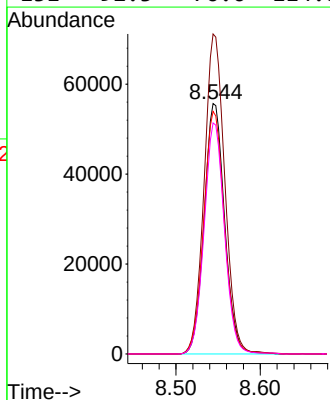
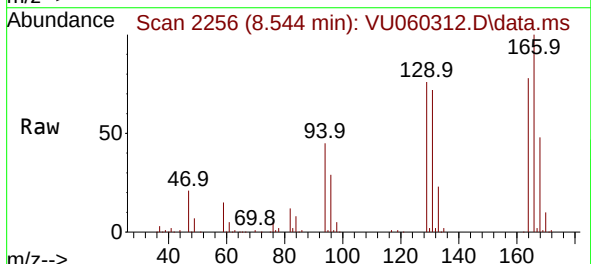
Manual Integrations  
APPROVED

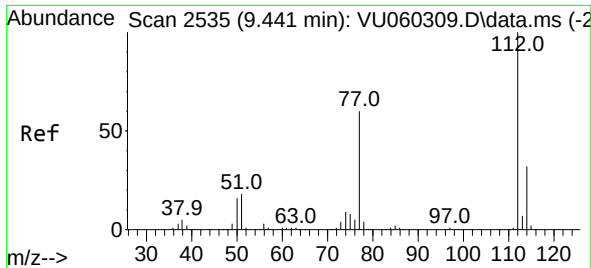
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#58  
Tetrachloroethene  
Concen: 10.198 ug/l  
RT: 8.544 min Scan# 2256  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

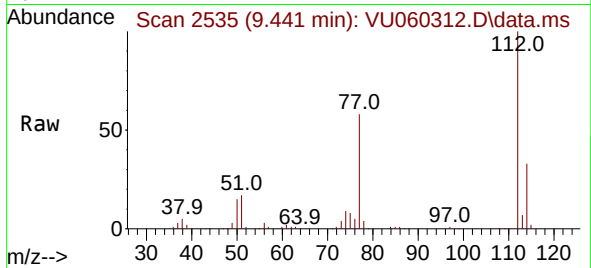
Tgt Ion:164 Resp: 94187  
Ion Ratio Lower Upper  
164 100  
166 127.8 102.9 154.3  
129 96.8 78.0 117.0  
131 92.3 76.6 114.8





#59  
Chlorobenzene  
Concen: 10.505 ug/l  
RT: 9.441 min Scan# 2535  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

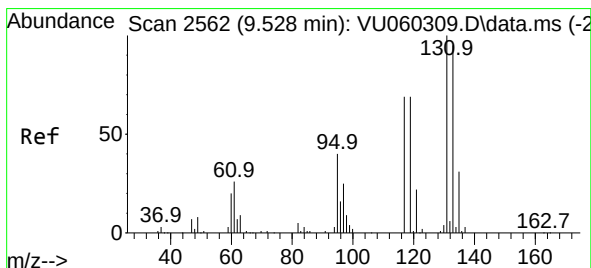
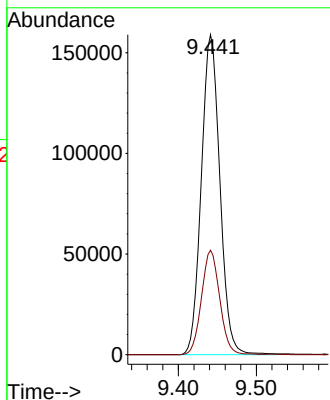
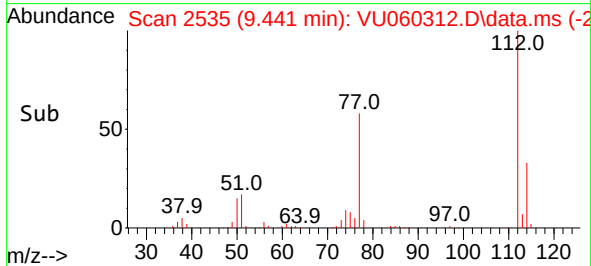
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



Tgt Ion:112 Resp: 263269  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.3 37.9

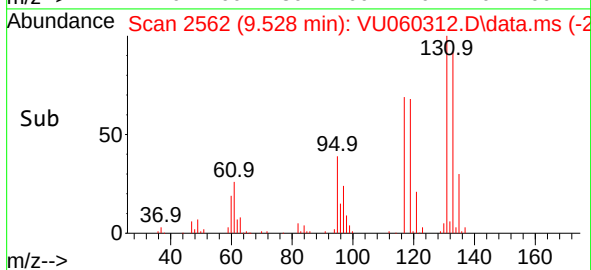
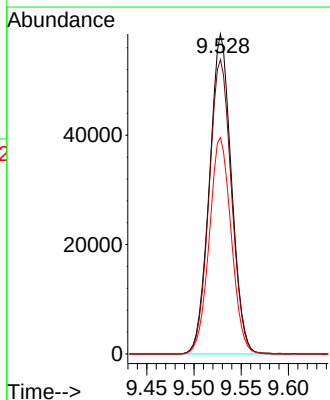
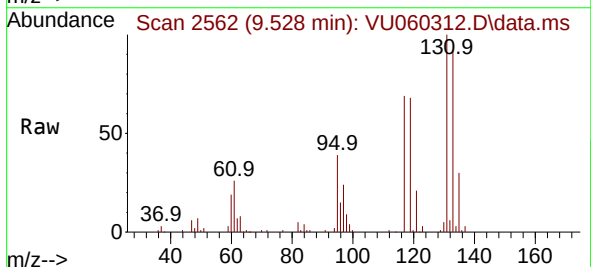
Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024

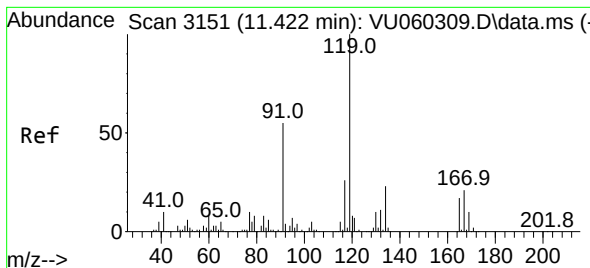


#60  
1,1,1,2-Tetrachloroethane  
Concen: 9.600 ug/l  
RT: 9.528 min Scan# 2562  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

Tgt Ion:131 Resp: 94793  
Ion Ratio Lower Upper  
131 100  
133 93.6 77.2 115.8  
119 67.4 55.4 83.2







#61

Pentachloroethane

Concen: 10.689 ug/l

RT: 11.422 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU080524

Tgt Ion:117 Resp: 9014

Ion Ratio Lower Upper

117 100

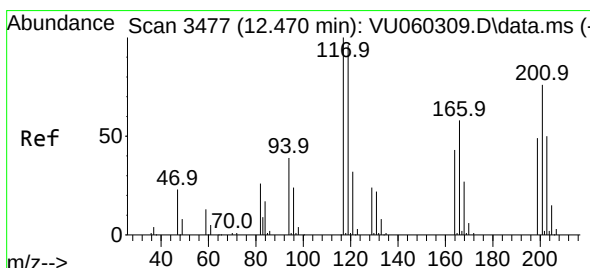
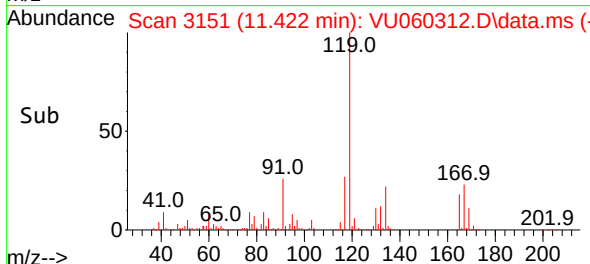
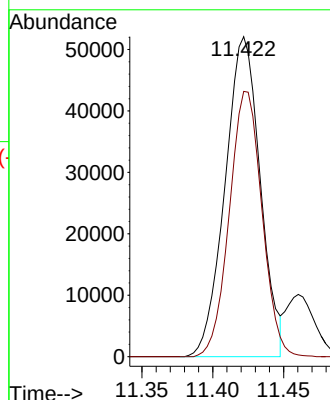
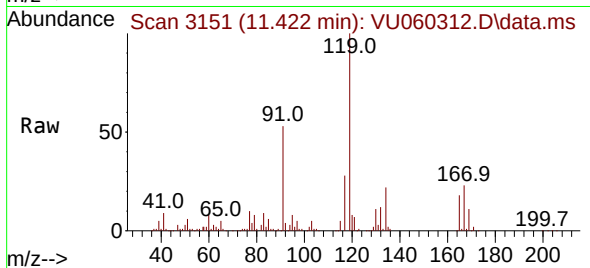
167 76.8 62.2 93.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/09/2024

Supervised By :Semsettin Yesilyurt 08/09/2024



#62

Hexachloroethane

Concen: 10.218 ug/l

RT: 12.470 min Scan# 3477

Delta R.T. 0.000 min

Lab File: VU060312.D

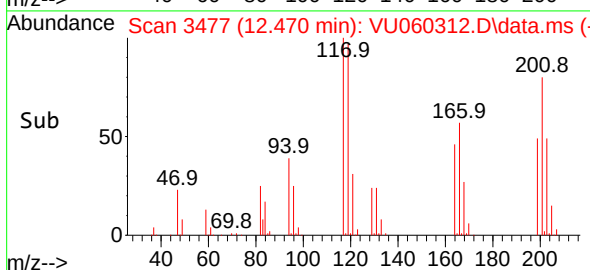
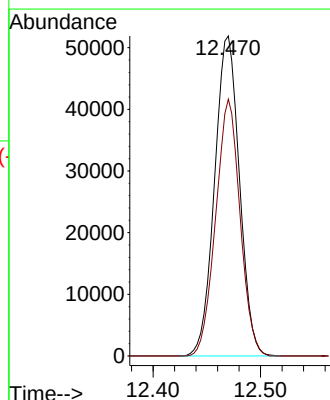
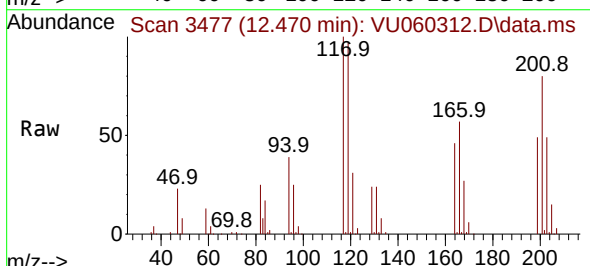
Acq: 05 Aug 2024 15:14

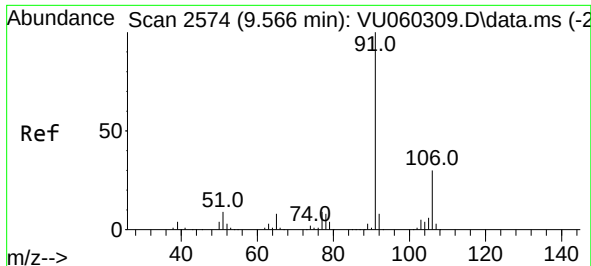
Tgt Ion:117 Resp: 83293

Ion Ratio Lower Upper

117 100

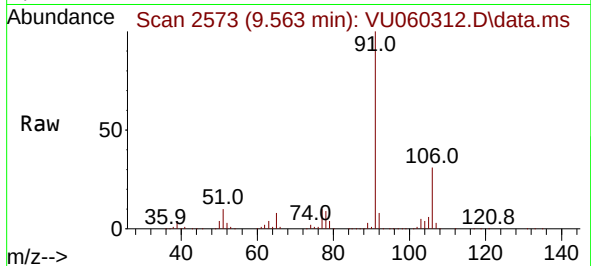
201 78.7 62.7 94.1





#63  
Ethyl Benzene  
Concen: 9.757 ug/l  
RT: 9.563 min Scan# 2573  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

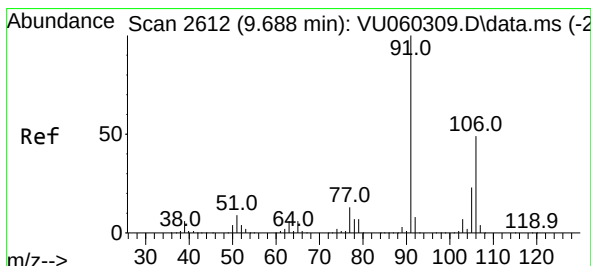
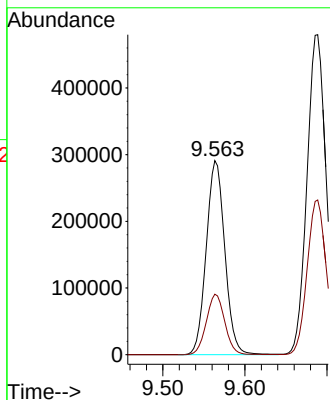
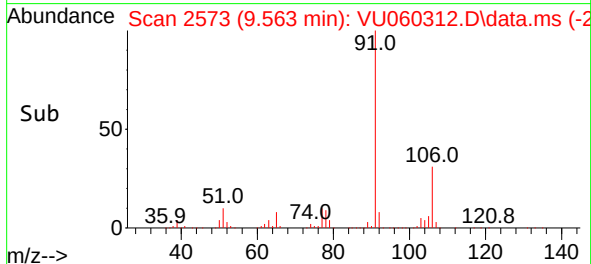
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



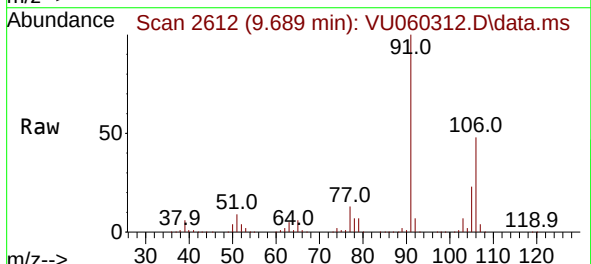
Tgt Ion: 91 Resp: 459514  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.4 36.6

Manual Integrations  
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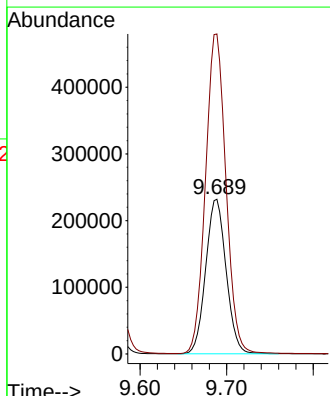
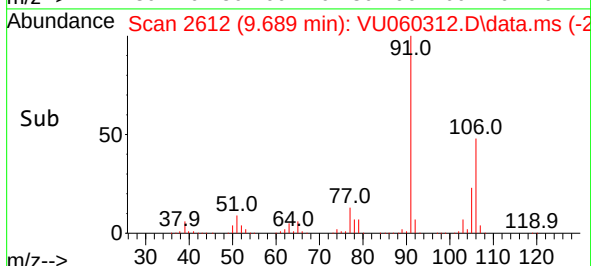
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024

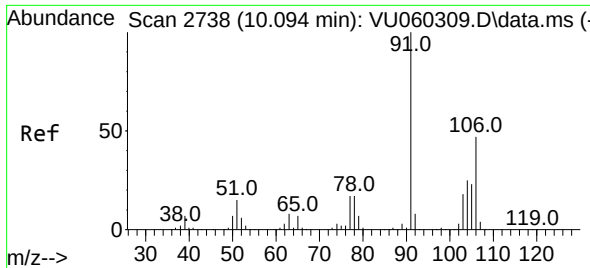


#64  
m/p-Xylenes  
Concen: 19.601 ug/l  
RT: 9.689 min Scan# 2612  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14



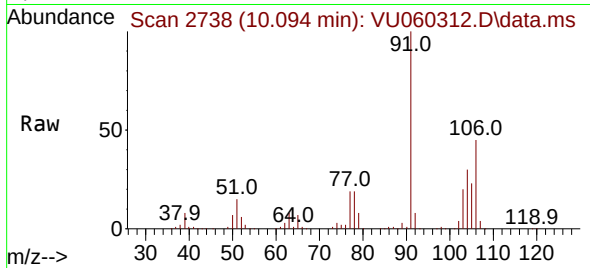
Tgt Ion:106 Resp: 379656  
Ion Ratio Lower Upper  
106 100  
91 207.0 165.0 247.4





#65  
o-Xylene  
Concen: 9.429 ug/l  
RT: 10.094 min Scan# 2738  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

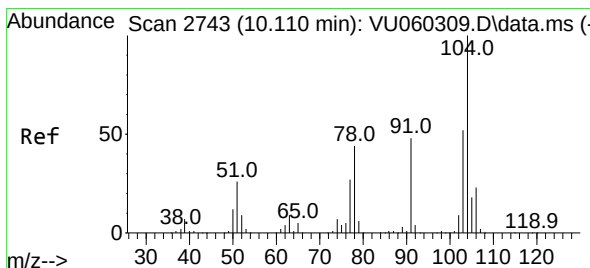
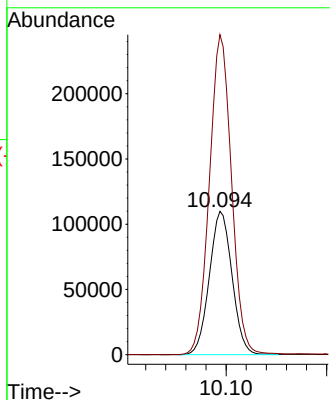
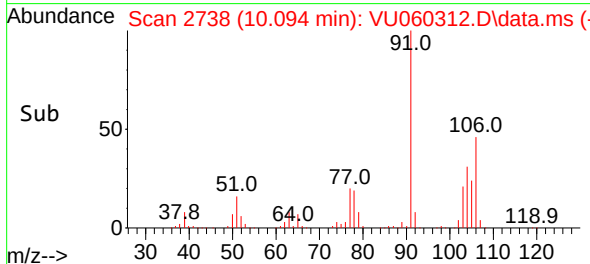
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



Tgt Ion:106 Resp: 17206  
Ion Ratio Lower Upper  
106 100  
91 218.2 108.8 326.4

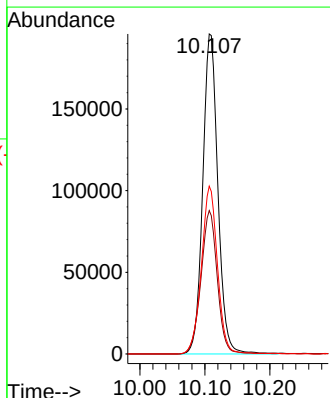
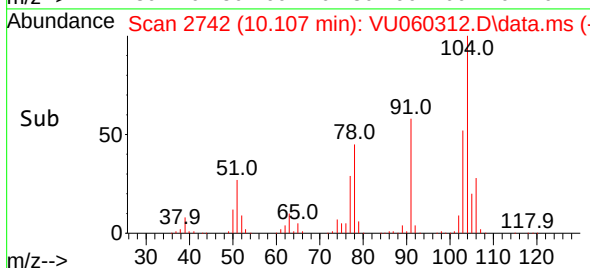
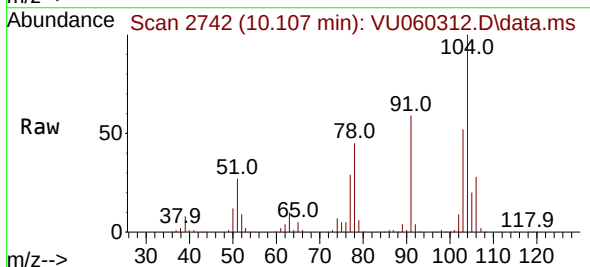
Manual Integrations  
APPROVED

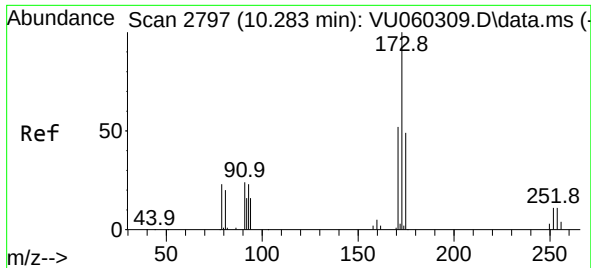
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#66  
Styrene  
Concen: 10.117 ug/l  
RT: 10.107 min Scan# 2742  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

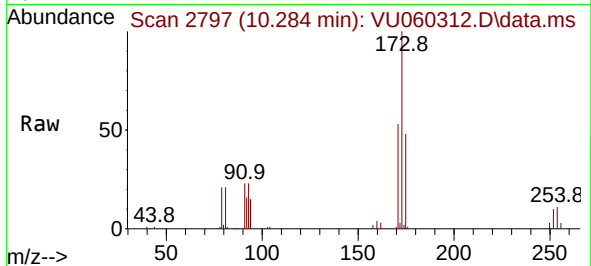
Tgt Ion:104 Resp: 318131  
Ion Ratio Lower Upper  
104 100  
78 48.3 39.0 58.6  
103 55.6 45.0 67.6





#67  
Bromoform  
Concen: 9.839 ug/l  
RT: 10.284 min Scan# 2797  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

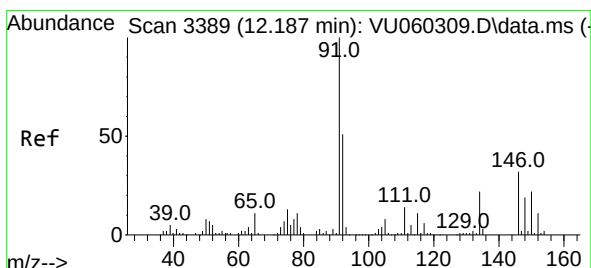
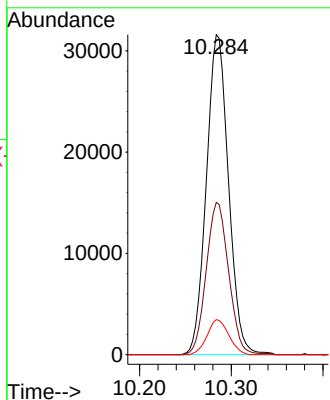
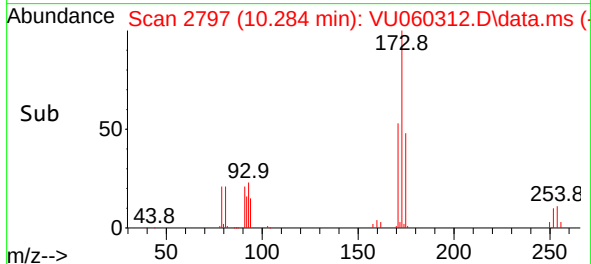
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



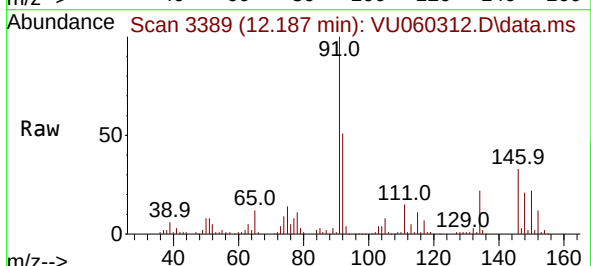
Tgt Ion:173 Resp: 53000  
Ion Ratio Lower Upper  
173 100  
175 48.0 39.7 59.5  
254 10.8 8.2 12.4

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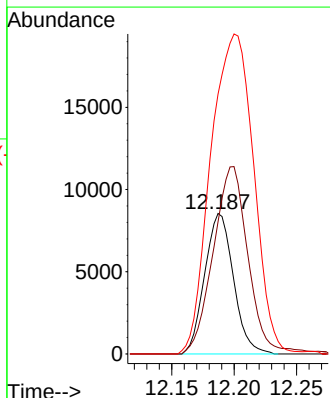
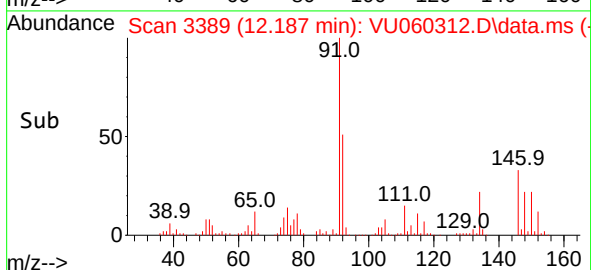
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024

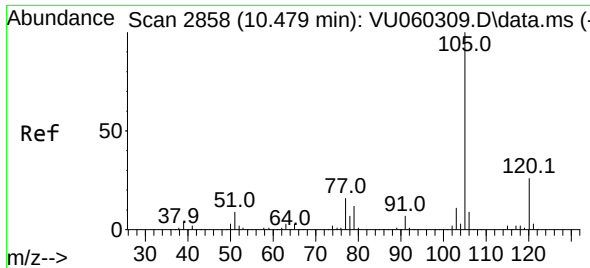


#68  
1,2-Dichlorobenzene-d4  
Concen: 1.096 ug/l  
RT: 12.187 min Scan# 3389  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14



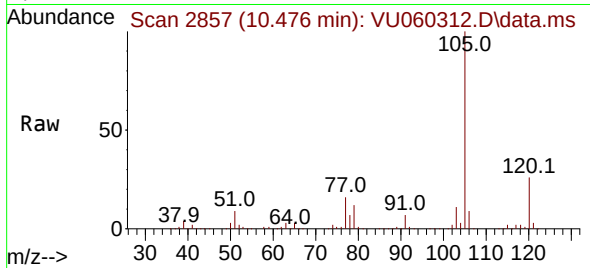
Tgt Ion:152 Resp: 13697  
Ion Ratio Lower Upper  
152 100  
115 162.5 0.0 325.2  
150 339.8 0.0 684.2





#69  
Isopropylbenzene  
Concen: 9.892 ug/l  
RT: 10.476 min Scan# 2858  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

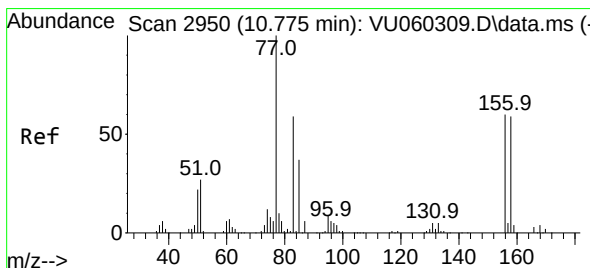
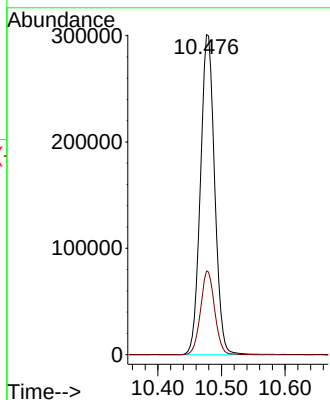
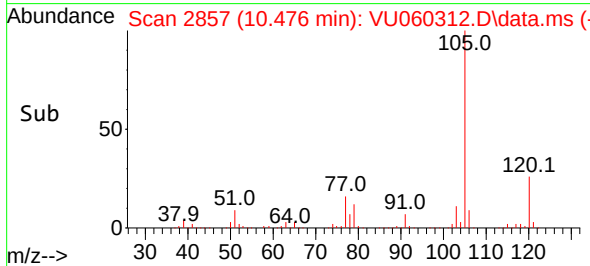
Instrument : MSVOA\_U  
ClientSampleId : ICVVU080524



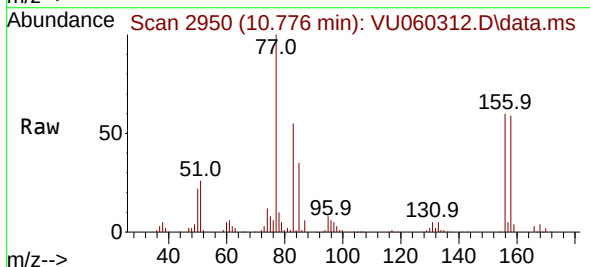
Tgt Ion:105 Resp: 467099  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.0 39.0

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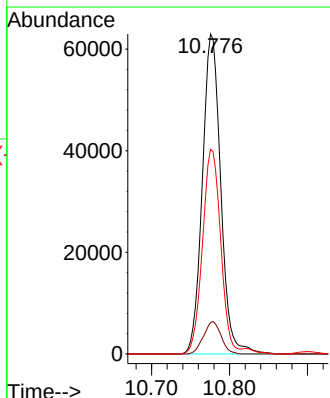
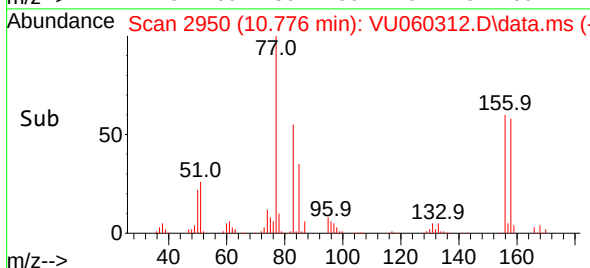
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024

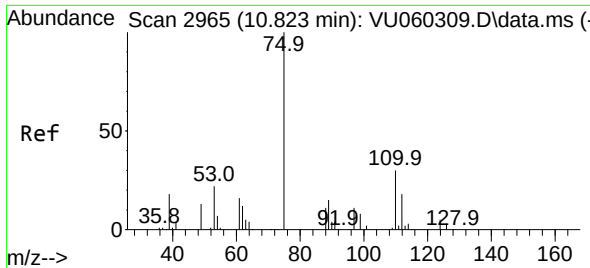


#70  
1,1,2,2-Tetrachloroethane  
Concen: 9.250 ug/l  
RT: 10.776 min Scan# 2950  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14



Tgt Ion: 83 Resp: 103220  
Ion Ratio Lower Upper  
83 100  
131 9.7 7.1 10.7  
85 63.1 50.9 76.3





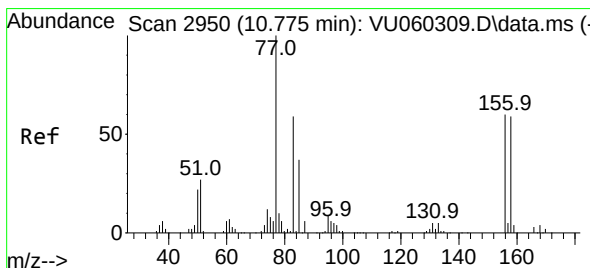
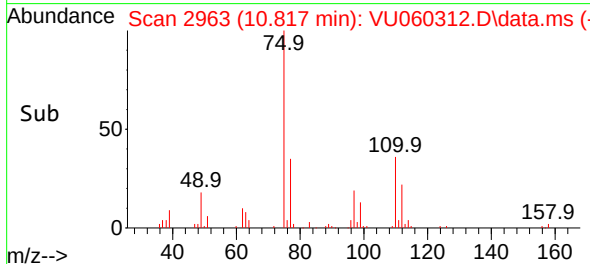
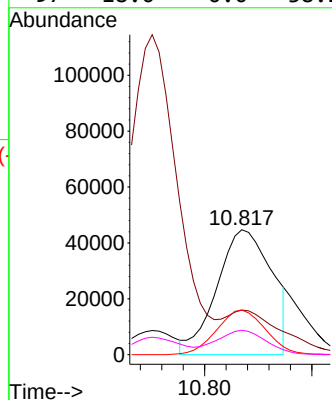
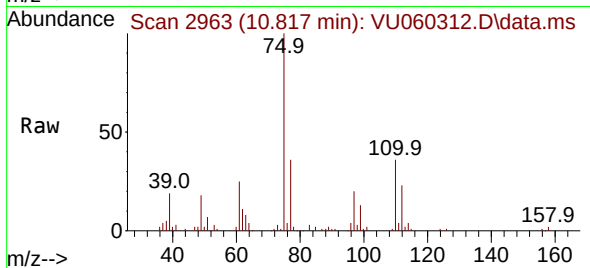
#71  
1,2,3-Trichloropropane  
Concen: 9.614 ug/l m  
RT: 10.817 min Scan# 2963  
Delta R.T. -0.006 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 79460 |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 0.0      | 0.0 102.2   |
| 110 32.0    | 0.0 67.4    |
| 97 18.0     | 0.0 38.2    |

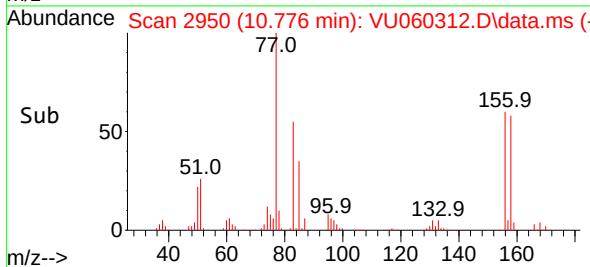
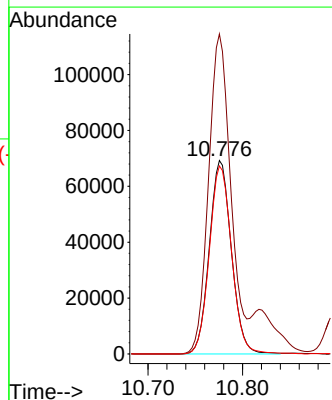
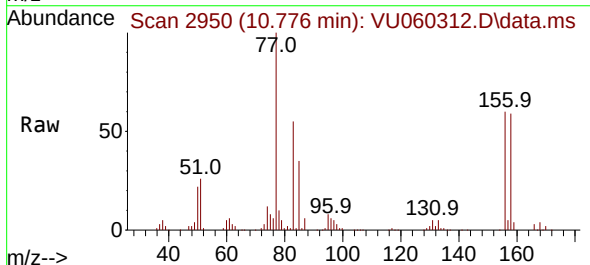
Manual Integrations  
APPROVED

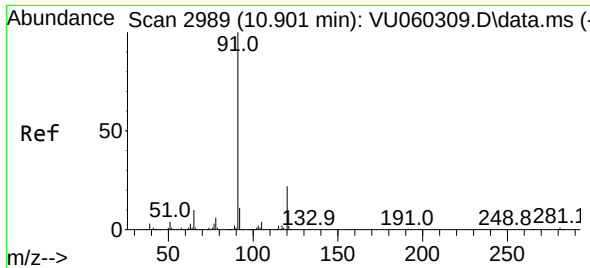
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#72  
Bromobenzene  
Concen: 10.909 ug/l  
RT: 10.776 min Scan# 2950  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

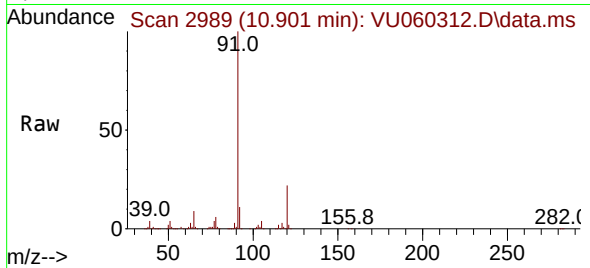
|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:156 | Resp: | 112271 |       |
| Ion         | Ratio | Lower  | Upper |
| 156         | 100   |        |       |
| 77          | 165.0 | 0.0    | 327.2 |
| 158         | 98.4  | 0.0    | 193.8 |





#73  
n-propylbenzene  
Concen: 9.308 ug/l  
RT: 10.901 min Scan# 2989  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

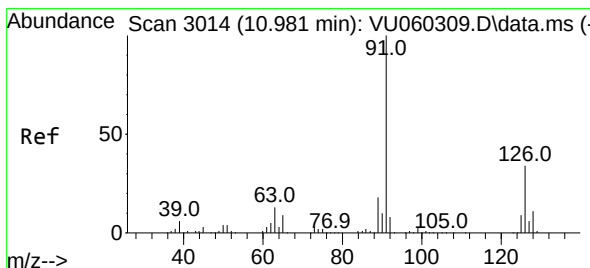
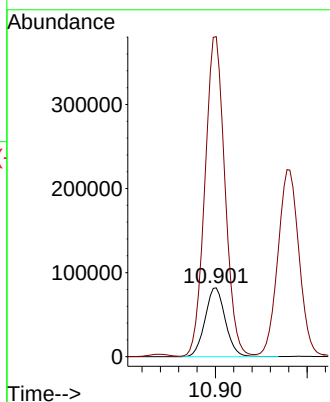
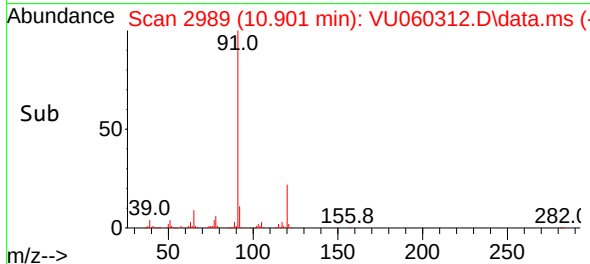
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



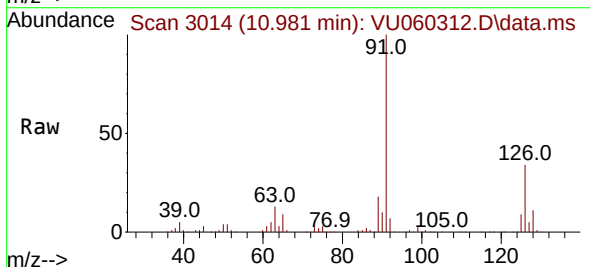
Tgt Ion:120 Resp: 125788  
Ion Ratio Lower Upper  
120 100  
91 459.0 362.2 543.2

Manual Integrations  
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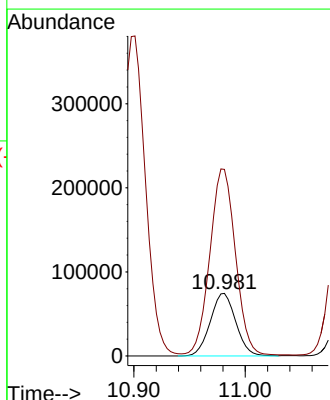
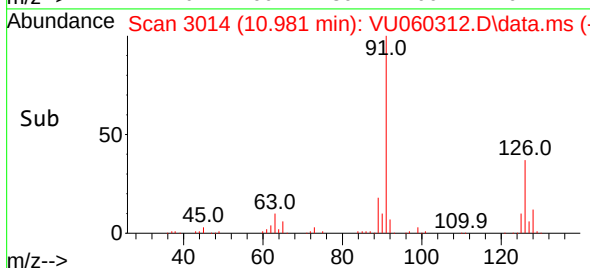
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024

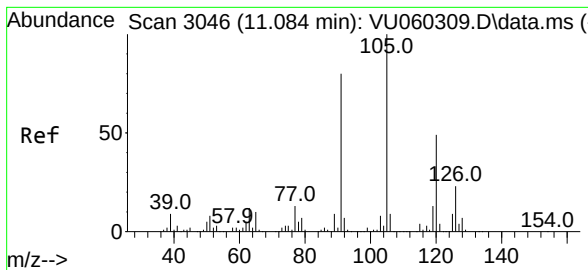


#74  
2-Chlorotoluene  
Concen: 9.908 ug/l  
RT: 10.981 min Scan# 3014  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14



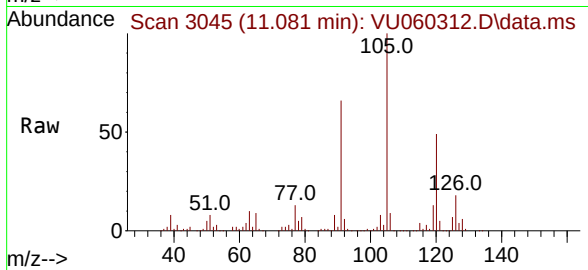
Tgt Ion:126 Resp: 118649  
Ion Ratio Lower Upper  
126 100  
91 299.8 0.0 585.6





#75  
1,3,5-Trimethylbenzene  
Concen: 9.808 ug/l  
RT: 11.081 min Scan# 3045  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

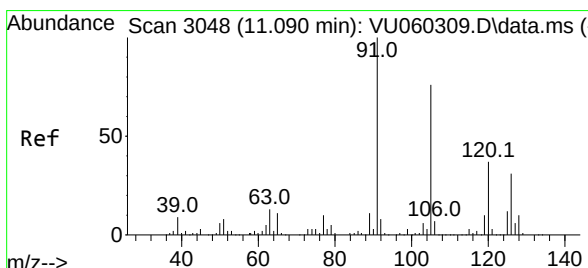
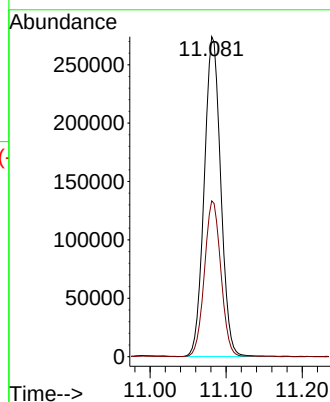
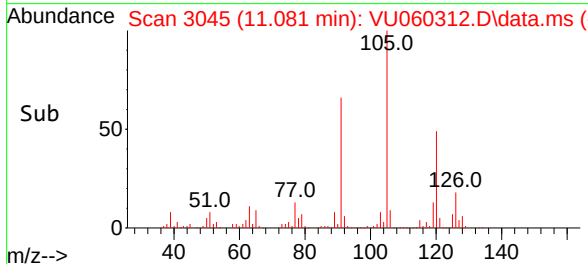
Instrument : MSVOA\_U  
ClientSampleId : ICVVU080524



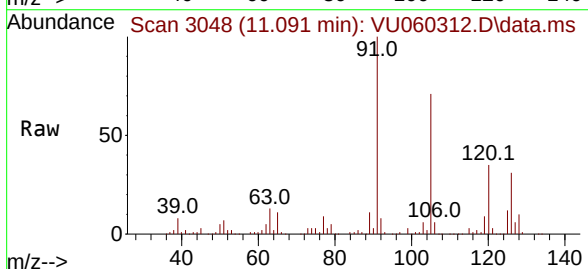
Tgt Ion:105 Resp: 413119  
Ion Ratio Lower Upper  
105 100  
120 48.6 38.6 57.8

Manual Integrations  
APPROVED

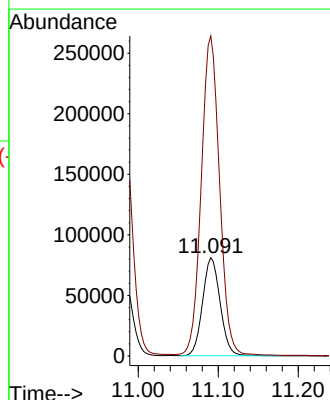
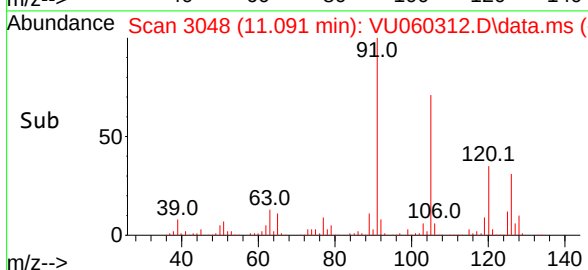
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



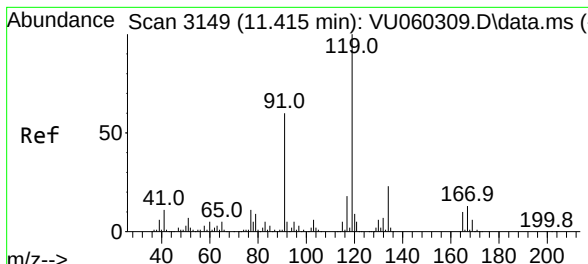
#76  
4-Chlorotoluene  
Concen: 9.878 ug/l  
RT: 11.091 min Scan# 3048  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14



Tgt Ion:126 Resp: 124170  
Ion Ratio Lower Upper  
126 100  
91 338.1 0.0 669.4

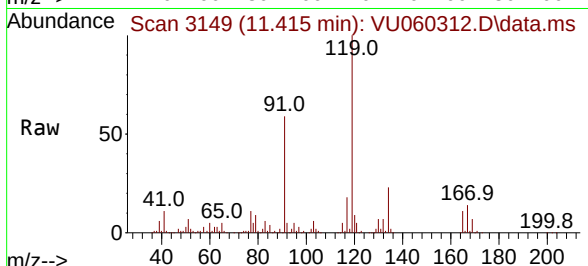






#77  
tert-Butylbenzene  
Concen: 9.723 ug/l  
RT: 11.415 min Scan# 3149  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

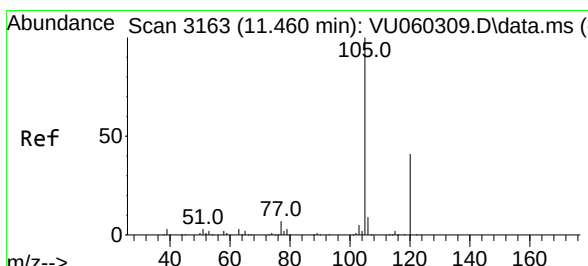
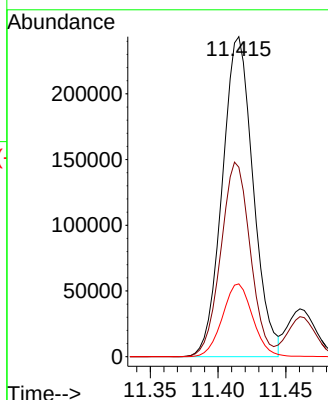
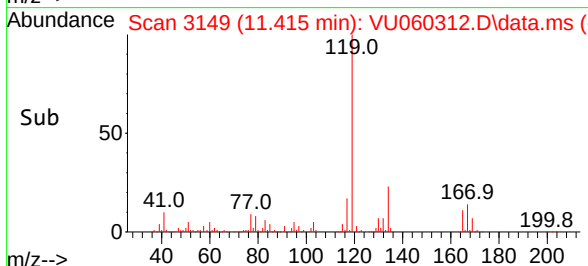
Instrument : MSVOA\_U  
ClientSampleId : ICVVU080524



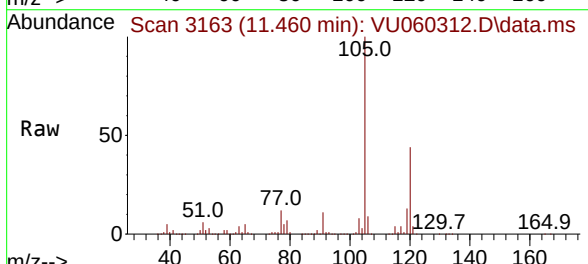
Tgt Ion:119 Resp: 38666  
Ion Ratio Lower Upper  
119 100  
91 58.0 29.0 87.1  
134 22.4 17.8 26.8

Manual Integrations  
APPROVED

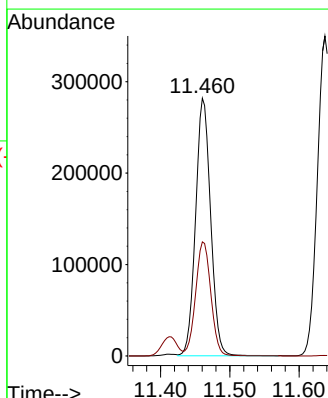
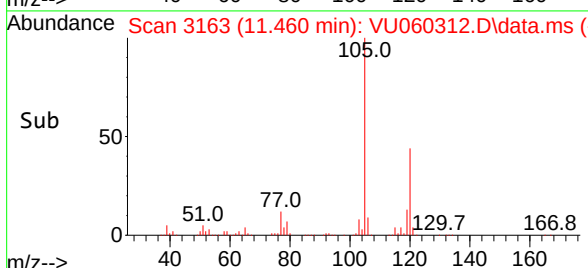
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024

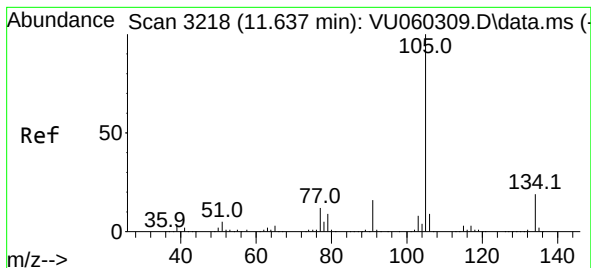


#78  
1,2,4-Trimethylbenzene  
Concen: 9.686 ug/l  
RT: 11.460 min Scan# 3163  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14



Tgt Ion:105 Resp: 424977  
Ion Ratio Lower Upper  
105 100  
120 45.0 22.6 67.7





#79

sec-Butylbenzene

Concen: 9.749 ug/l

RT: 11.637 min Scan# 301

Delta R.T. 0.000 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU080524

Tgt Ion:105 Resp: 531610

Ion Ratio Lower Upper

105 100

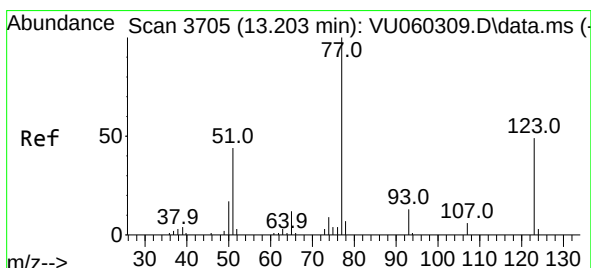
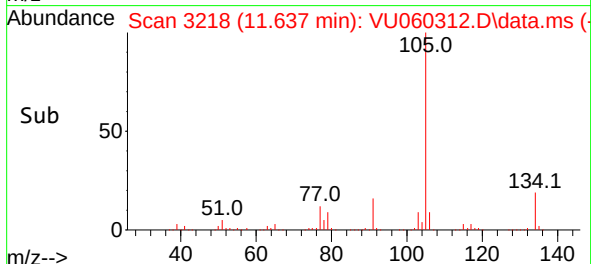
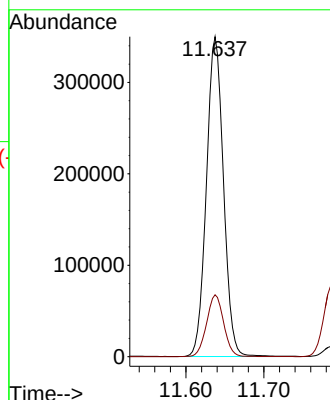
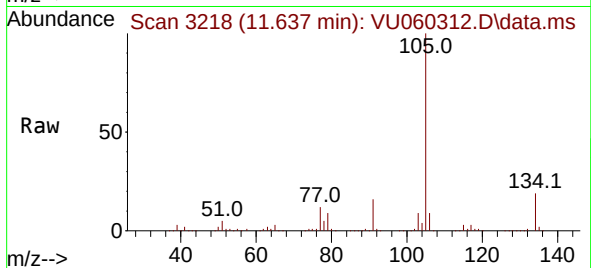
134 19.5 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024

Supervised By :Semsettin Yesilyurt 08/09/2024



#80

Nitrobenzene

Concen: 10.399 ug/l

RT: 13.210 min Scan# 3707

Delta R.T. 0.007 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

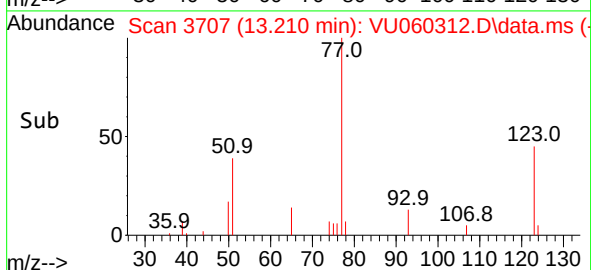
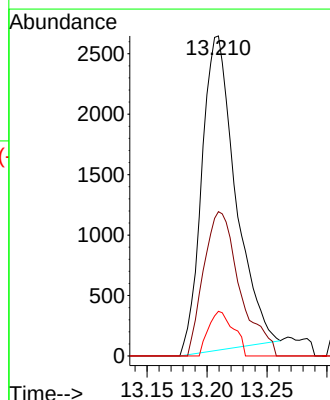
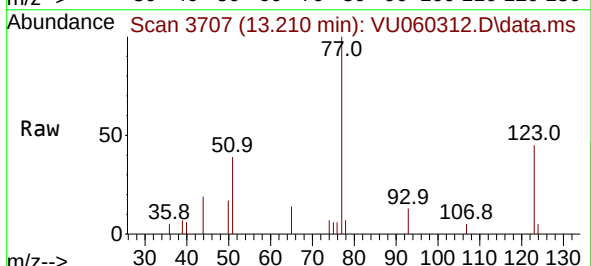
Tgt Ion: 77 Resp: 5096

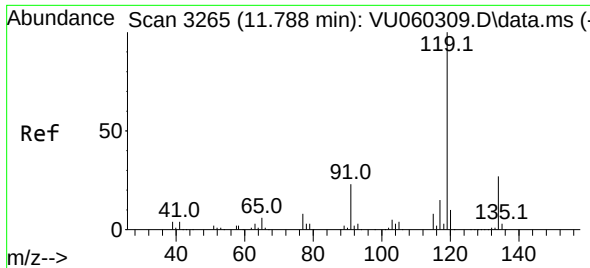
Ion Ratio Lower Upper

77 100

123 49.0 19.6 69.6

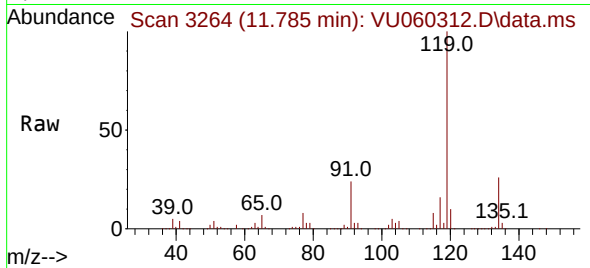
65 10.5 9.0 11.4





#81  
p-Isopropyltoluene  
Concen: 9.794 ug/l  
RT: 11.785 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

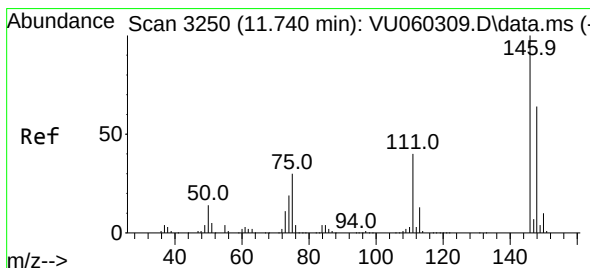
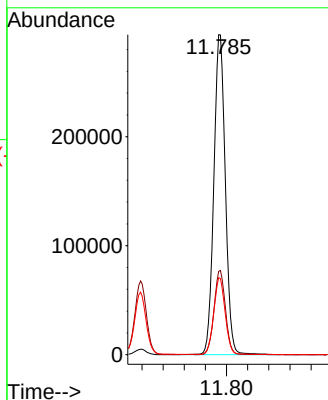
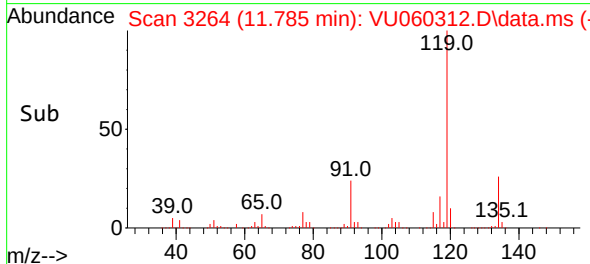
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



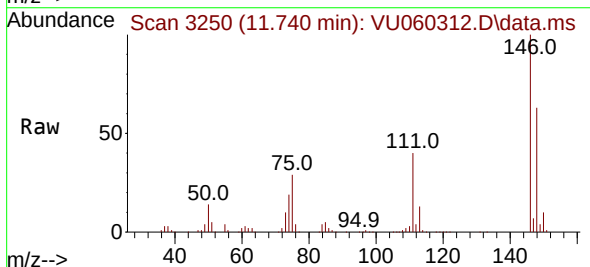
Tgt Ion:119 Resp: 444065  
Ion Ratio Lower Upper  
119 100  
134 26.0 21.2 31.8  
91 23.7 18.9 28.3

Manual Integrations  
APPROVED

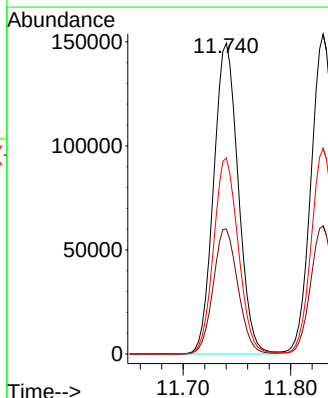
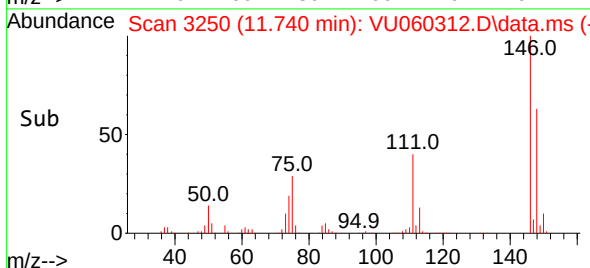
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024

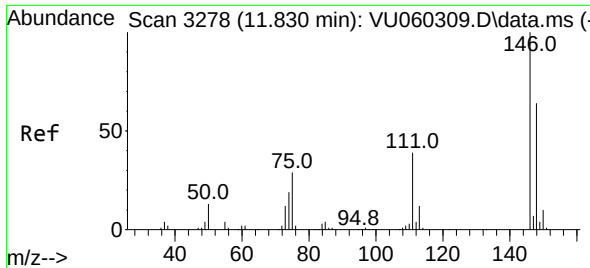


#82  
1,3-Dichlorobenzene  
Concen: 11.058 ug/l  
RT: 11.740 min Scan# 3250  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14



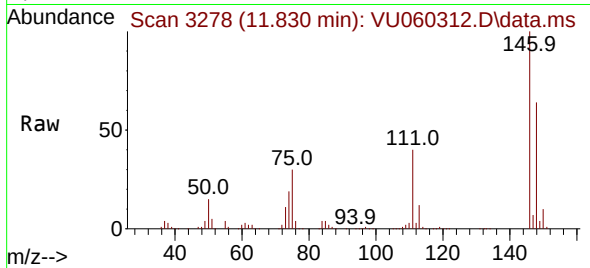
Tgt Ion:146 Resp: 237427  
Ion Ratio Lower Upper  
146 100  
111 40.5 32.0 48.0  
148 63.4 51.4 77.0





#83  
1,4-Dichlorobenzene  
Concen: 11.310 ug/l  
RT: 11.830 min Scan# 3278  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

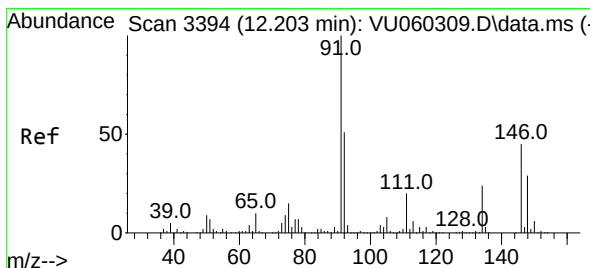
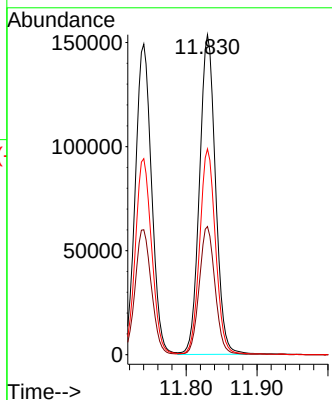
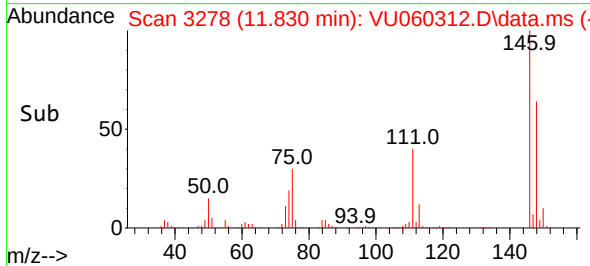
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



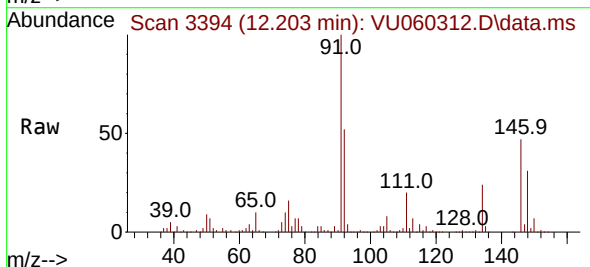
Tgt Ion:146 Resp: 24105  
Ion Ratio Lower Upper  
146 100  
111 39.2 30.9 46.3  
148 63.7 51.8 77.6

Manual Integrations  
APPROVED

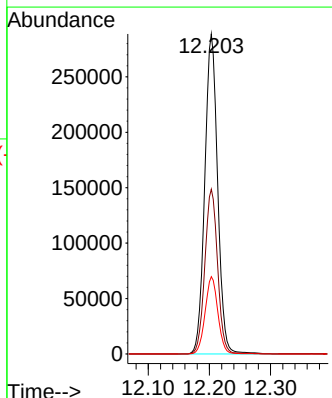
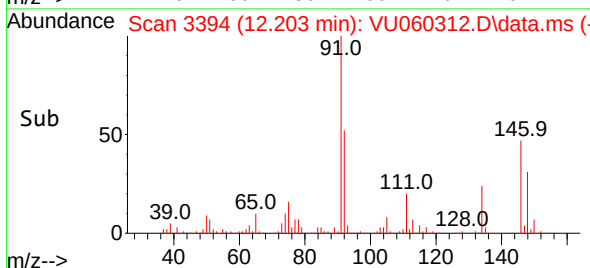
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024

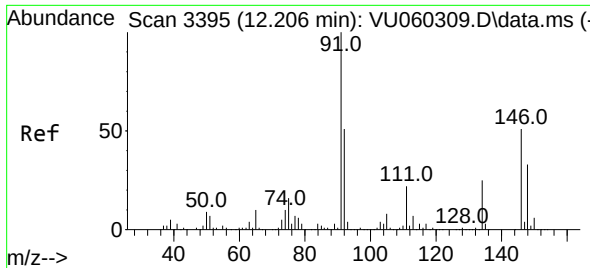


#84  
n-Butylbenzene  
Concen: 9.739 ug/l  
RT: 12.203 min Scan# 3394  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14



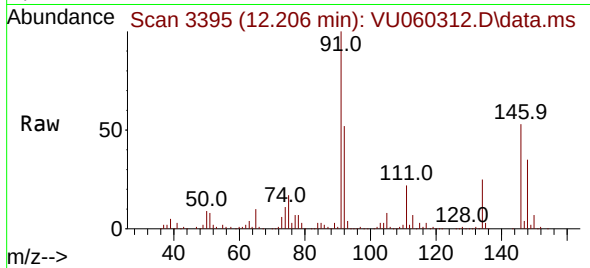
Tgt Ion: 91 Resp: 422639  
Ion Ratio Lower Upper  
91 100  
92 51.0 41.0 61.6  
134 24.0 19.4 29.2





#85  
1,2-Dichlorobenzene  
Concen: 11.131 ug/l  
RT: 12.206 min Scan# 3395  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

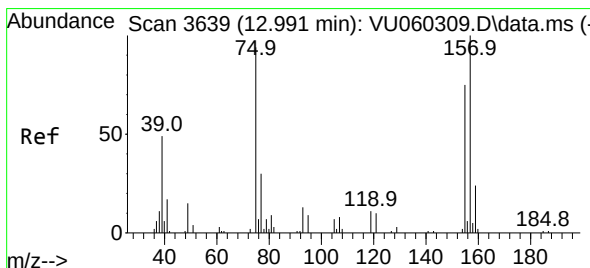
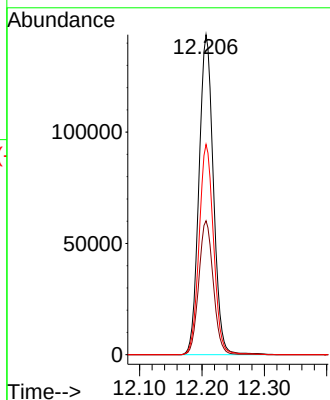
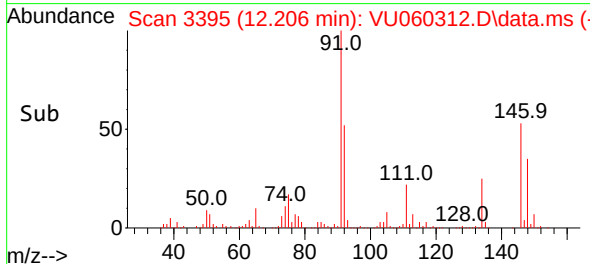
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



Tgt Ion:146 Resp: 23116  
Ion Ratio Lower Upper  
146 100  
111 42.1 21.3 63.7  
148 65.8 32.0 96.0

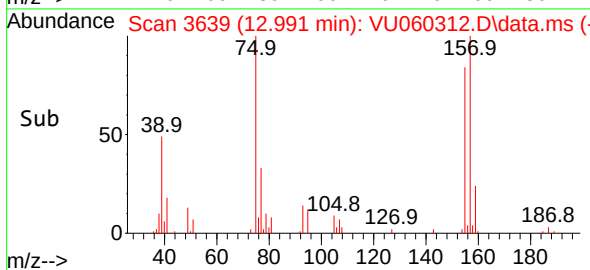
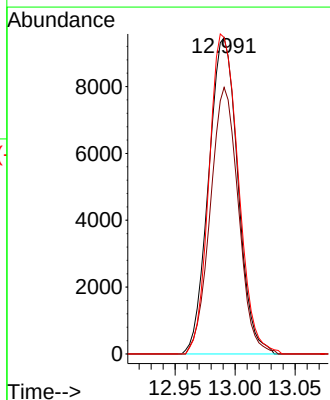
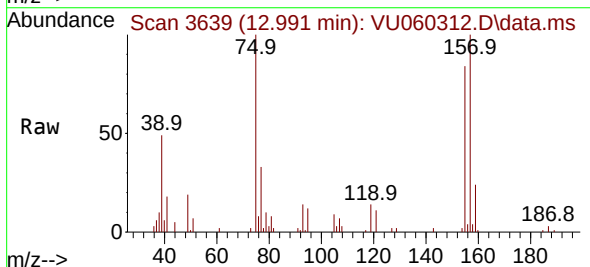
Manual Integrations  
APPROVED

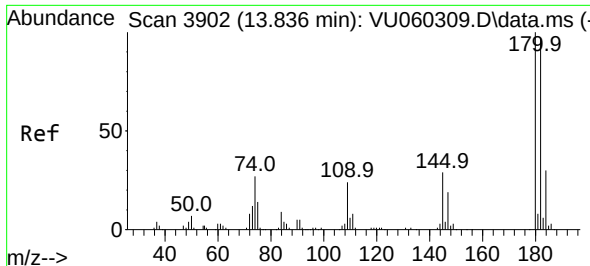
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 9.917 ug/l  
RT: 12.991 min Scan# 3639  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

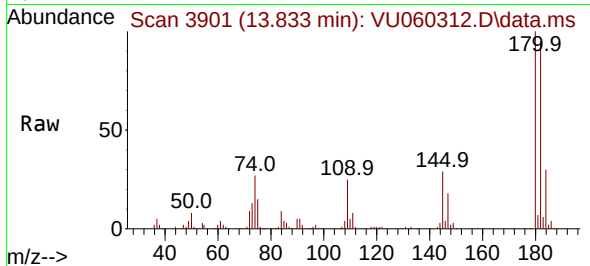
Tgt Ion: 75 Resp: 16045  
Ion Ratio Lower Upper  
75 100  
155 80.7 66.1 99.1  
157 100.9 85.0 127.4





#87  
1,2,4-Trichlorobenzene  
Concen: 12.784 ug/l  
RT: 13.833 min Scan# 3902  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

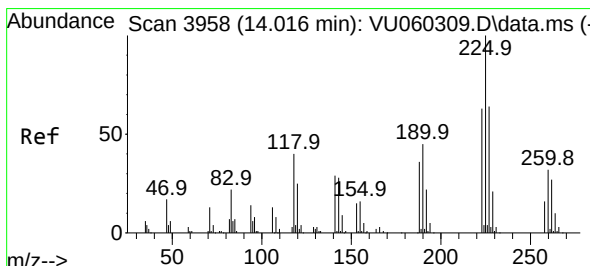
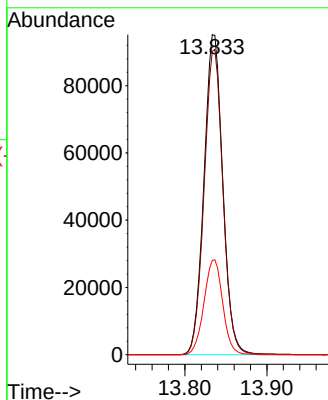
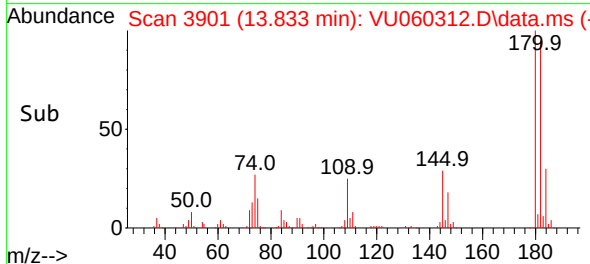
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



Tgt Ion:180 Resp: 151840  
Ion Ratio Lower Upper  
180 100  
182 95.2 76.8 115.2  
145 29.5 23.4 35.0

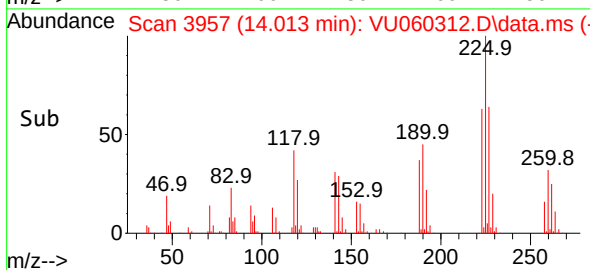
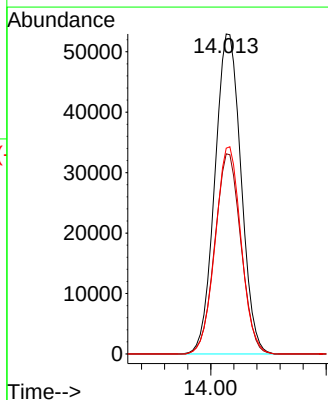
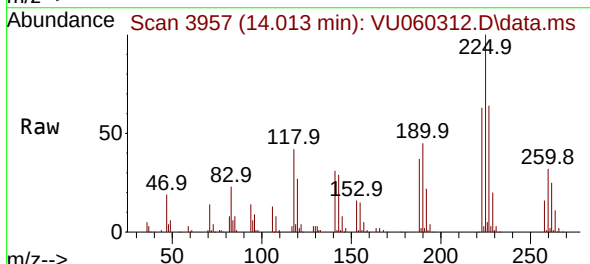
Manual Integrations  
APPROVED

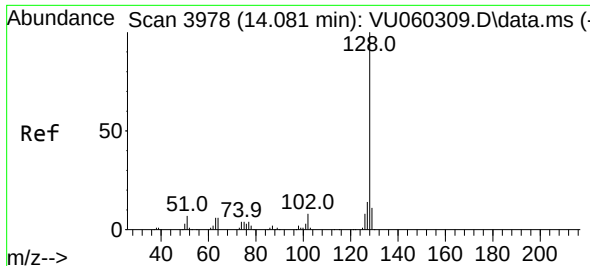
Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#88  
Hexachlorobutadiene  
Concen: 10.853 ug/l  
RT: 14.013 min Scan# 3957  
Delta R.T. -0.003 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

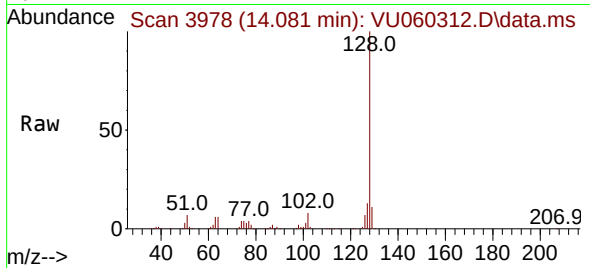
Tgt Ion:225 Resp: 83353  
Ion Ratio Lower Upper  
225 100  
223 62.5 50.8 76.2  
227 63.8 50.8 76.2





#89  
Naphthalene  
Concen: 10.692 ug/l  
RT: 14.081 min Scan# 3978  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

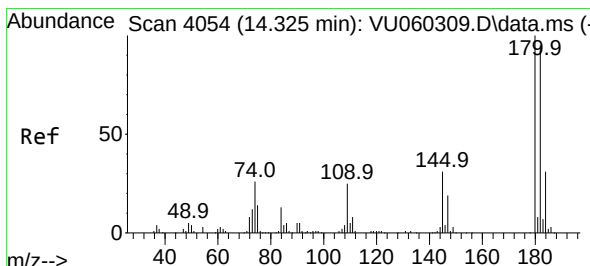
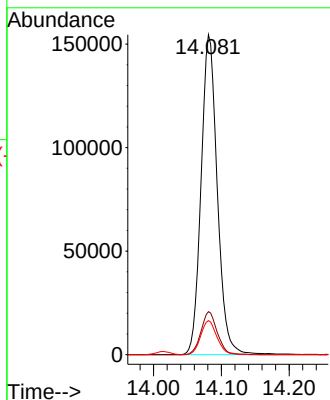
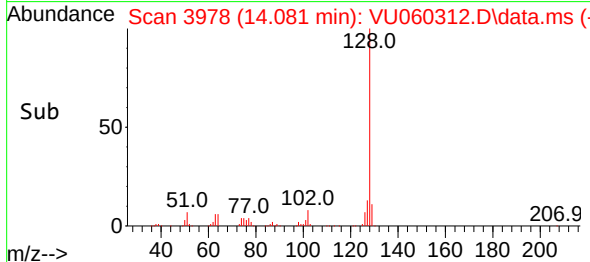
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU080524



Tgt Ion:128 Resp: 256560  
Ion Ratio Lower Upper  
128 100  
127 13.5 11.0 16.4  
129 10.6 8.6 12.8

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024  
Supervised By :Semsettin Yesilyurt 08/09/2024



#90  
1,2,3-Trichlorobenzene  
Concen: 11.910 ug/l  
RT: 14.325 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VU060312.D  
Acq: 05 Aug 2024 15:14

Tgt Ion:180 Resp: 138107  
Ion Ratio Lower Upper  
180 100  
182 96.0 76.1 114.1  
145 31.3 25.0 37.6

