

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082624\  
 Data File : VV037021.D  
 Acq On : 26 Aug 2024 12:50  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 27 01:51:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 27 01:44:46 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene     | 5.529  | 114  | 683317   | 50.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.780  | 117  | 661025   | 50.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.182 | 152  | 332036   | 50.000 | ug/L  | 0.00     |

|                               |         |       |          |          |      |          |
|-------------------------------|---------|-------|----------|----------|------|----------|
| System Monitoring Compounds   |         |       |          |          |      |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 301919   | 48.302   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =    | 96.600%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 229974   | 47.605   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =    | 95.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.057   | 65    | 124634   | 47.440   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =    | 94.880%  |
| 21) 2-Butanone-d5             | 3.793   | 46    | 243126   | 100.441  | ug/L | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =    | 100.440% |
| 24) Chloroform-d              | 4.243   | 84    | 483041   | 49.376   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =    | 98.760%  |
| 26) 1,2-Dichloroethane-d4     | 4.937   | 65    | 302652   | 49.126   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =    | 98.260%  |
| 32) Benzene-d6                | 4.954   | 84    | 973698   | 48.769   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =    | 97.540%  |
| 36) 1,2-Dichloropropane-d6    | 5.986   | 67    | 307542   | 49.179   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =    | 98.360%  |
| 41) Toluene-d8                | 7.240   | 98    | 886537   | 49.200   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =    | 98.400%  |
| 43) trans-1,3-Dichloroprop... | 7.548   | 79    | 143719   | 49.676   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =    | 99.360%  |
| 47) 2-Hexanone-d5             | 8.024   | 63    | 179272   | 105.041  | ug/L | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =    | 105.040% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146  | 84    | 379649   | 50.057   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =    | 100.120% |
| 66) 1,2-Dichlorobenzene-d4    | 11.555  | 152   | 323038   | 48.577   | ug/L | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =    | 97.160%  |

| Target Compounds              |       |     |        |        |      | Qvalue |
|-------------------------------|-------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.108 | 85  | 278802 | 48.283 | ug/L | 99     |
| 3) Chloromethane              | 1.217 | 50  | 308938 | 47.573 | ug/L | 100    |
| 5) Vinyl chloride             | 1.282 | 62  | 295141 | 48.413 | ug/L | 98     |
| 6) Bromomethane               | 1.484 | 94  | 167066 | 48.907 | ug/L | 99     |
| 8) Chloroethane               | 1.548 | 64  | 178523 | 47.876 | ug/L | 100    |
| 9) Trichlorofluoromethane     | 1.712 | 101 | 388436 | 48.825 | ug/L | 99     |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.066 | 101 | 229499 | 48.501 | ug/L | 99     |
| 12) 1,1-Dichloroethene        | 2.069 | 96  | 217448 | 48.777 | ug/L | 99     |
| 13) Acetone                   | 2.111 | 43  | 253468 | 97.637 | ug/L | 99     |
| 14) Carbon disulfide          | 2.237 | 76  | 650062 | 48.033 | ug/L | 99     |
| 15) Methyl Acetate            | 2.372 | 43  | 220545 | 50.674 | ug/L | 99     |
| 16) Methylene chloride        | 2.442 | 84  | 247064 | 49.120 | ug/L | 100    |
| 17) trans-1,2-Dichloroethene  | 2.687 | 96  | 227429 | 49.142 | ug/L | 97     |
| 18) Methyl tert-butyl Ether   | 2.706 | 73  | 719333 | 49.411 | ug/L | 100    |
| 19) 1,1-Dichloroethane        | 3.105 | 63  | 447443 | 48.684 | ug/L | 100    |
| 20) cis-1,2-Dichloroethene    | 3.809 | 96  | 247447 | 48.387 | ug/L | 99     |
| 22) 2-Butanone                | 3.876 | 43  | 272131 | 95.208 | ug/L | 99     |
| 23) Bromochloromethane        | 4.143 | 128 | 124584 | 49.628 | ug/L | 99     |
| 25) Chloroform                | 4.272 | 83  | 451852 | 48.545 | ug/L | 99     |

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 Data File : VV037021.D  
 Acq On : 26 Aug 2024 12:50  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

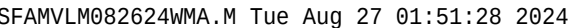
Instrument :  
 MSVOA\_V  
 ClientSampleId :

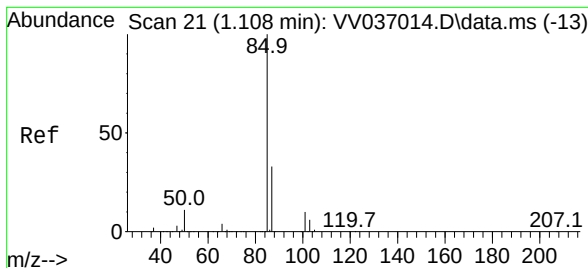
Quant Time: Aug 27 01:51:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 27 01:44:46 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.037  | 62   | 332910   | 48.758  | ug/L  | 98       |
| 29) Cyclohexane               | 4.571  | 56   | 380209   | 48.919  | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 4.503  | 97   | 366984   | 48.249  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 4.725  | 117  | 312917   | 48.756  | ug/L  | 99       |
| 33) Benzene                   | 5.005  | 78   | 942821   | 49.423  | ug/L  | 100      |
| 34) Trichloroethene           | 5.828  | 95   | 243795   | 48.419  | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.043  | 83   | 402189   | 49.162  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.088  | 63   | 250884   | 49.056  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.429  | 83   | 323189   | 49.305  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 6.950  | 75   | 387106   | 47.964  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.159  | 43   | 520688   | 100.144 | ug/L  | 100      |
| 42) Toluene                   | 7.310  | 91   | 983779   | 49.530  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 7.577  | 75   | 358399   | 49.681  | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 7.764  | 97   | 232287   | 48.791  | ug/L  | 99       |
| 46) Tetrachloroethene         | 7.899  | 164  | 178810   | 49.494  | ug/L  | 97       |
| 48) 2-Hexanone                | 8.076  | 43   | 403146   | 100.257 | ug/L  | 98       |
| 49) Dibromochloromethane      | 8.172  | 129  | 233008   | 48.878  | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 8.278  | 107  | 235485   | 48.881  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.809  | 112  | 632184   | 48.077  | ug/L  | 100      |
| 52) Ethylbenzene              | 8.940  | 91   | 1118864  | 49.871  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.069  | 106  | 416605   | 50.118  | ug/L  | 98       |
| 54) o-Xylene                  | 9.474  | 106  | 402819   | 49.493  | ug/L  | 99       |
| 55) Styrene                   | 9.490  | 104  | 703962   | 49.847  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.172 | 83   | 349808   | 49.611  | ug/L  | 100      |
| 59) Bromoform                 | 9.661  | 173  | 154393   | 49.935  | ug/L  | 100      |
| 60) Isopropylbenzene          | 9.863  | 105  | 1100754  | 51.137  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.204 | 75   | 261239   | 50.577  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.471 | 105  | 903654   | 51.311  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.847 | 105  | 904733   | 51.477  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.111 | 146  | 487879   | 49.084  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.204 | 146  | 502952   | 49.439  | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 11.574 | 146  | 478236   | 48.933  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.358 | 75   | 65891    | 51.153  | ug/L  | 99       |
| 69) 1,3,5-Trichlorobenzene    | 12.577 | 180  | 342538   | 49.527  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.191 | 180  | 323861   | 49.729  | ug/L  | 100      |
| 71) Naphthalene               | 13.432 | 128  | 1002730  | 53.321  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.673 | 180  | 324350   | 50.538  | ug/L  | 100      |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Aug 27 01:44:46 2024  
Response via : Initial Calibration

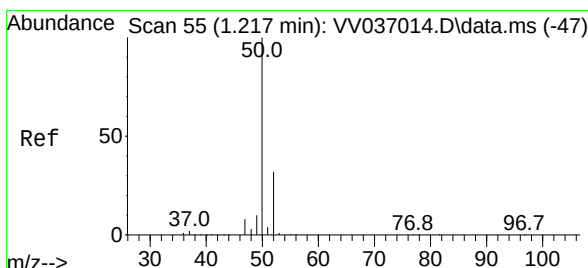
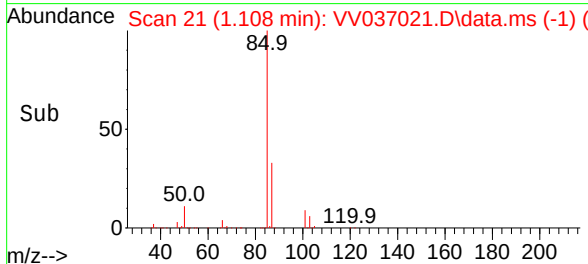
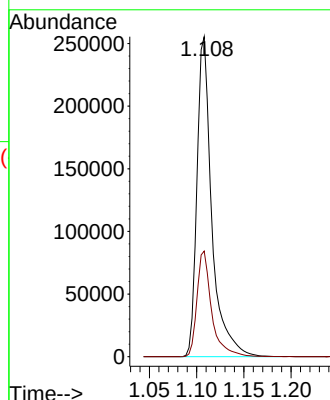
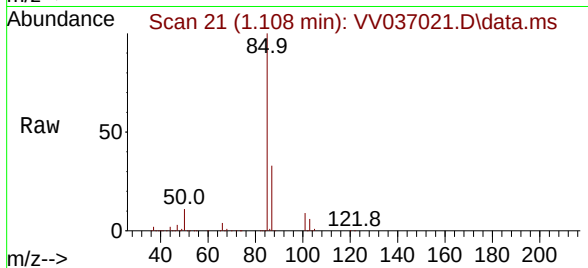




#2  
 Dichlorodifluoromethane  
 Concen: 48.283 ug/L  
 RT: 1.108 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VV037021.D  
 Acq: 26 Aug 2024 12:50

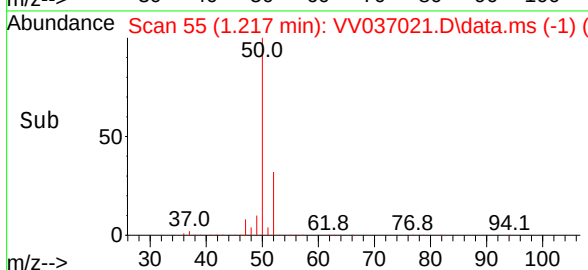
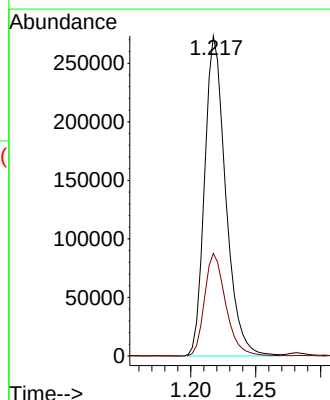
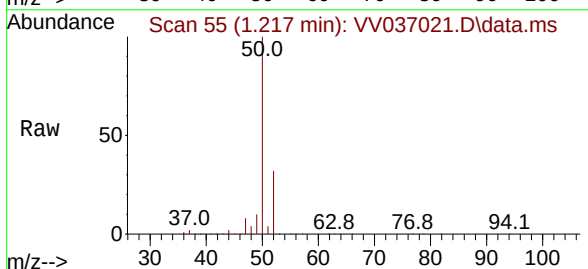
Instrument :  
 MSVOA\_V  
 ClientSampleId :

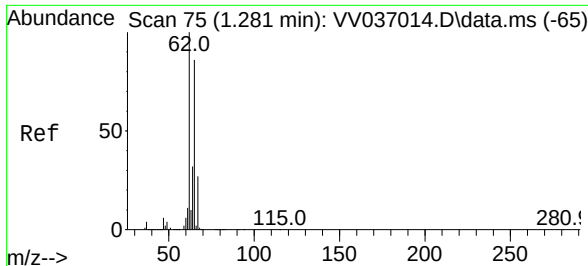
Tgt Ion: 85 Resp: 278802  
 Ion Ratio Lower Upper  
 85 100  
 87 32.7 25.9 38.9



#3  
 Chloromethane  
 Concen: 47.573 ug/L  
 RT: 1.217 min Scan# 55  
 Delta R.T. 0.000 min  
 Lab File: VV037021.D  
 Acq: 26 Aug 2024 12:50

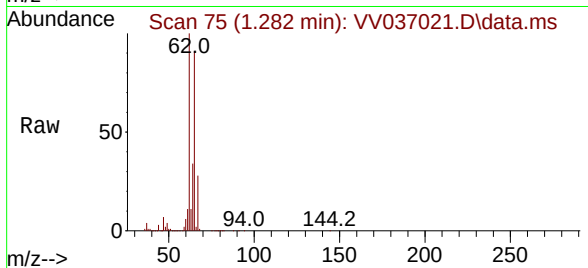
Tgt Ion: 50 Resp: 308938  
 Ion Ratio Lower Upper  
 50 100  
 52 32.1 22.5 41.9



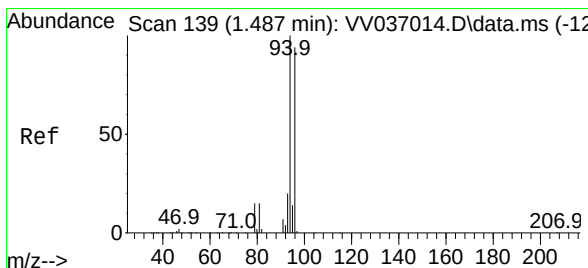
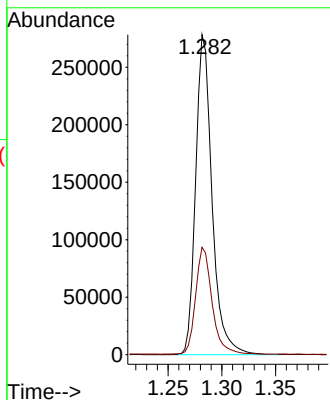
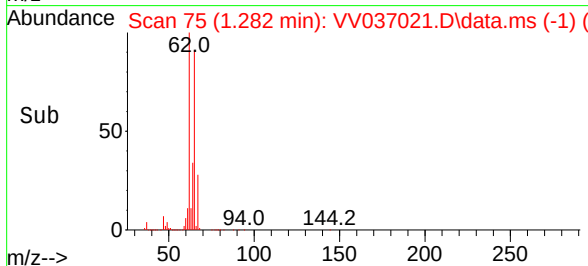


#5  
 Vinyl chloride  
 Concen: 48.413 ug/L  
 RT: 1.282 min Scan# 75  
 Delta R.T. 0.000 min  
 Lab File: VV037021.D  
 Acq: 26 Aug 2024 12:50

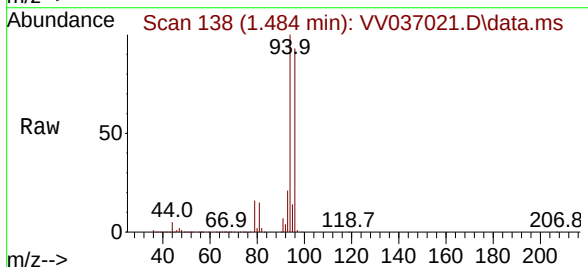
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 ClientSampleId :



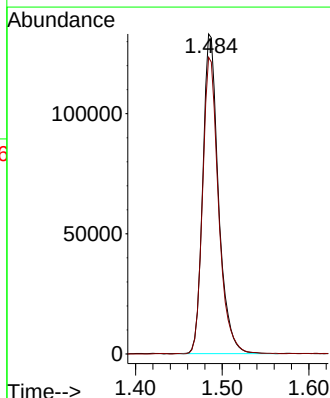
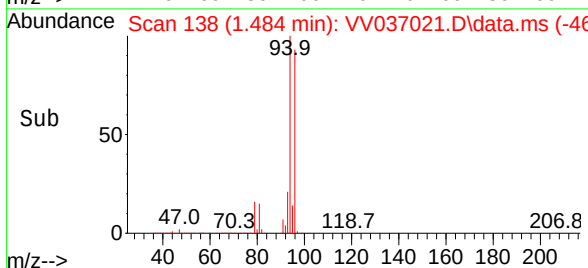
Tgt Ion: 62 Resp: 295141  
 Ion Ratio Lower Upper  
 62 100  
 64 33.6 22.8 42.4

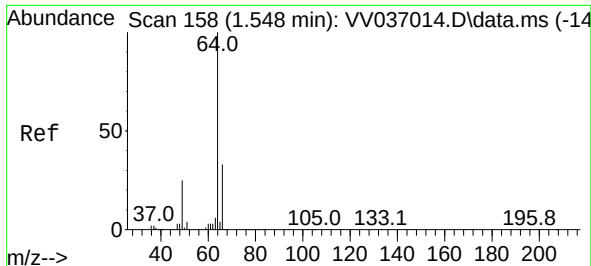


#6  
 Bromomethane  
 Concen: 48.907 ug/L  
 RT: 1.484 min Scan# 138  
 Delta R.T. -0.003 min  
 Lab File: VV037021.D  
 Acq: 26 Aug 2024 12:50



Tgt Ion: 94 Resp: 167066  
 Ion Ratio Lower Upper  
 94 100  
 96 92.7 65.6 121.8

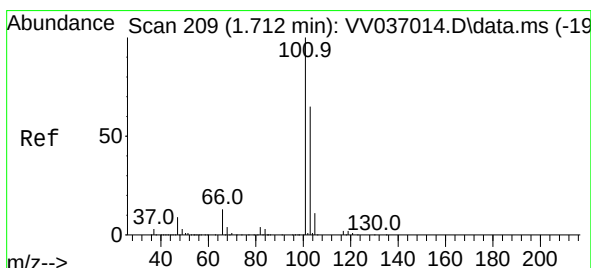
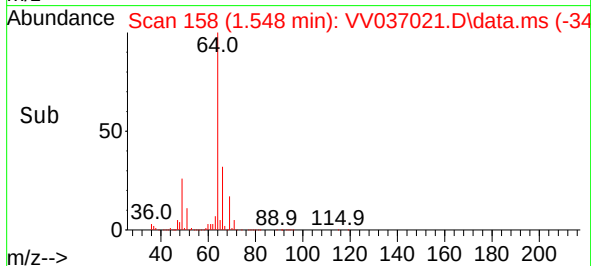
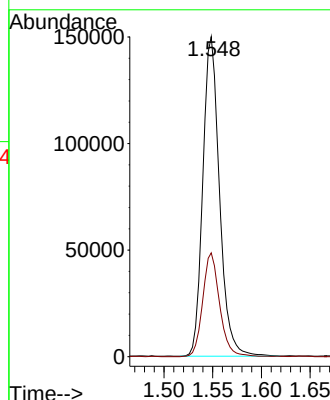
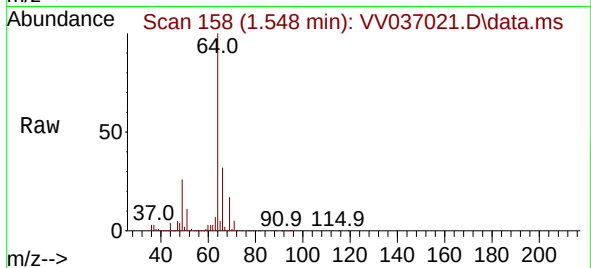




#8  
Chloroethane  
Concen: 47.876 ug/L  
RT: 1.548 min Scan# 158  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

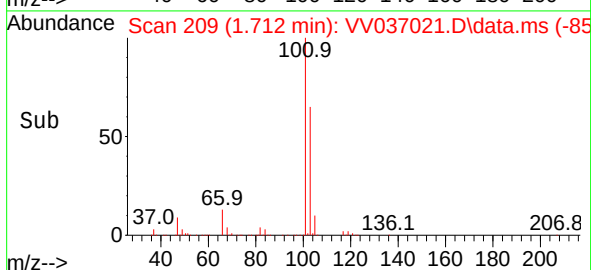
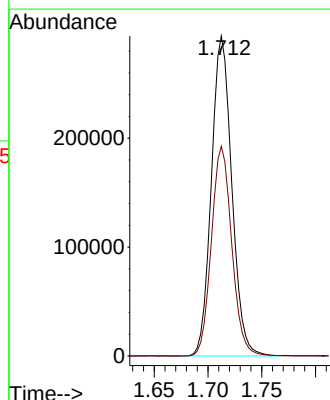
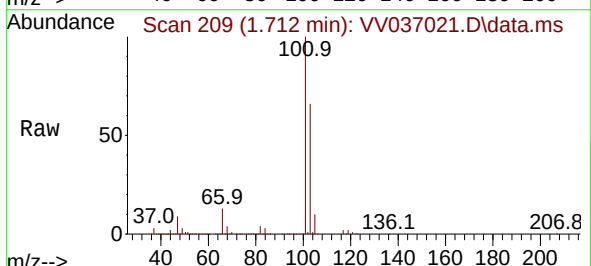
Instrument :  
MSVOA\_V  
ClientSampleId :

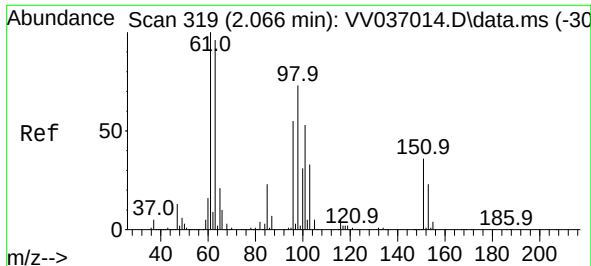
Tgt Ion: 64 Resp: 178523  
Ion Ratio Lower Upper  
64 100  
66 32.4 22.8 42.4



#9  
Trichlorofluoromethane  
Concen: 48.825 ug/L  
RT: 1.712 min Scan# 209  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

Tgt Ion:101 Resp: 388436  
Ion Ratio Lower Upper  
101 100  
103 65.3 51.7 77.5

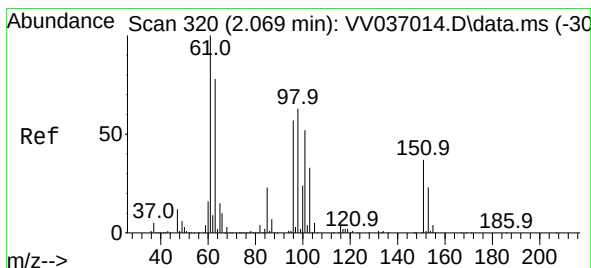
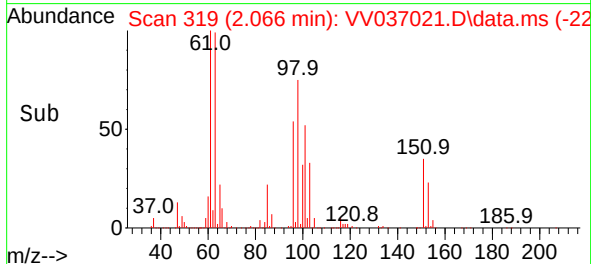
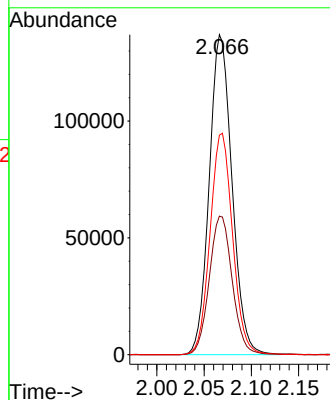
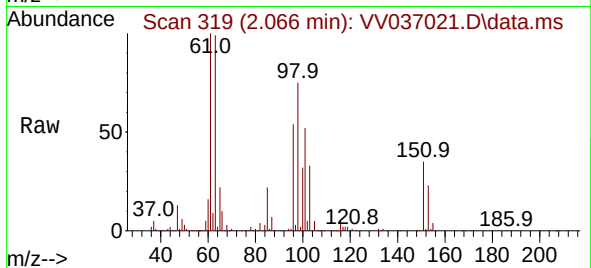




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 48.501 ug/L  
 RT: 2.066 min Scan# 319  
 Delta R.T. 0.000 min  
 Lab File: VV037021.D  
 Acq: 26 Aug 2024 12:50

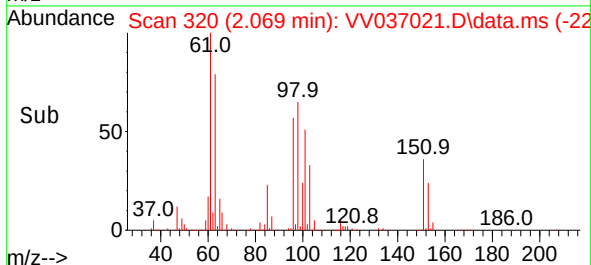
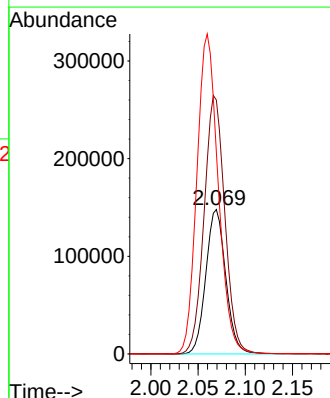
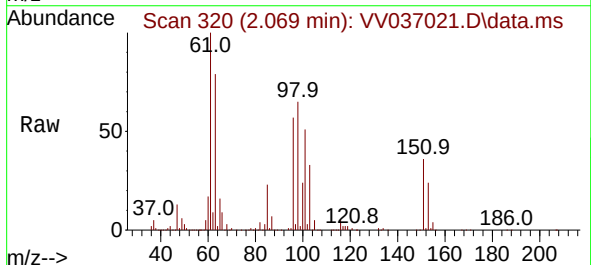
Instrument :  
 MSVOA\_V  
 ClientSampleId :

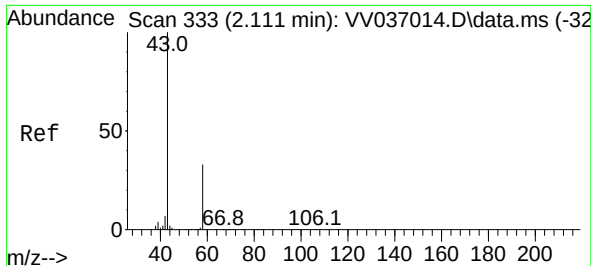
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 Ion Ratio Lower Upper  
 101 100  
 85 43.7 35.6 53.4  
 151 68.6 55.0 82.4



#12  
 1,1-Dichloroethene  
 Concen: 48.777 ug/L  
 RT: 2.069 min Scan# 320  
 Delta R.T. 0.000 min  
 Lab File: VV037021.D  
 Acq: 26 Aug 2024 12:50

Tgt Ion: 96 Resp: 217448  
 Ion Ratio Lower Upper  
 96 100  
 61 175.8 123.8 229.8  
 63 139.7 96.5 179.1





#13

Acetone

Concen: 97.637 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA\_V

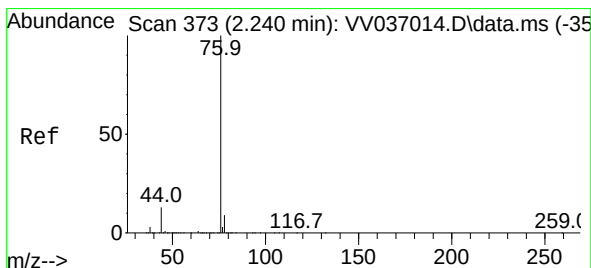
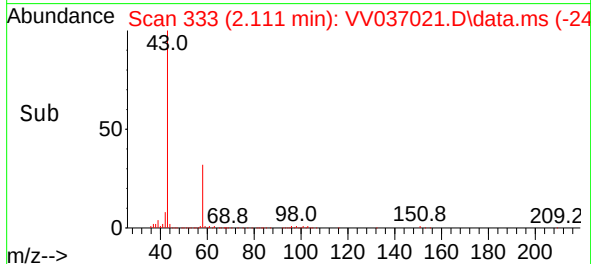
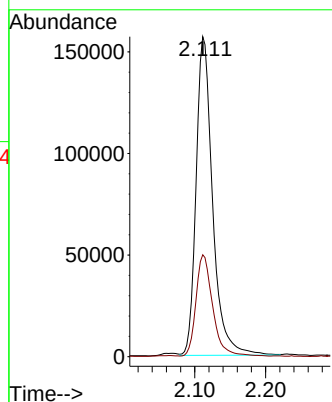
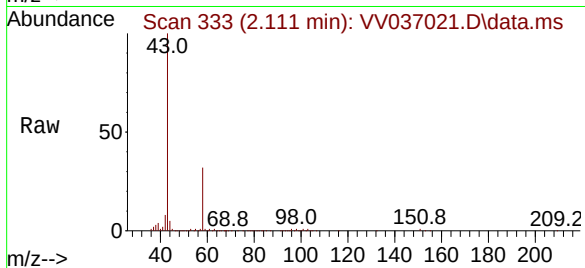
ClientSampleId :

Tgt Ion: 43 Resp: 253468

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.8



#14

Carbon disulfide

Concen: 48.033 ug/L

RT: 2.237 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV037021.D

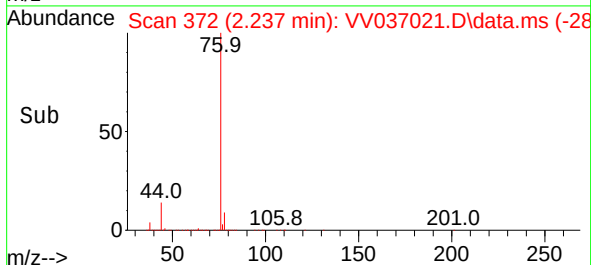
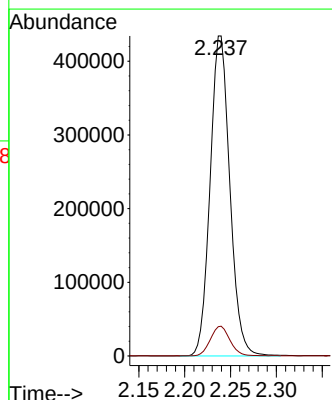
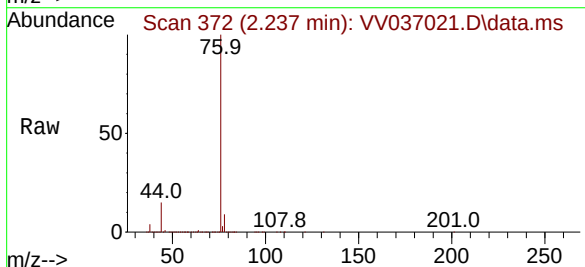
Acq: 26 Aug 2024 12:50

Tgt Ion: 76 Resp: 650062

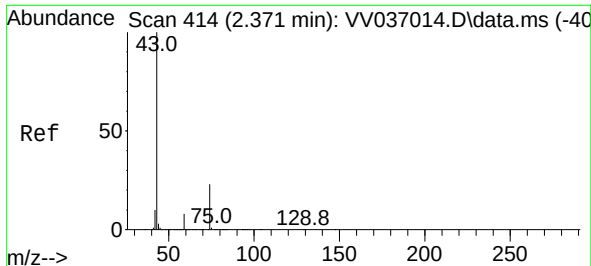
Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3







#15

Methyl Acetate

Concen: 50.674 ug/L

RT: 2.372 min Scan# 414

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA\_V

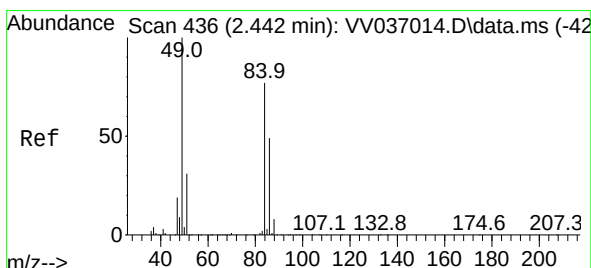
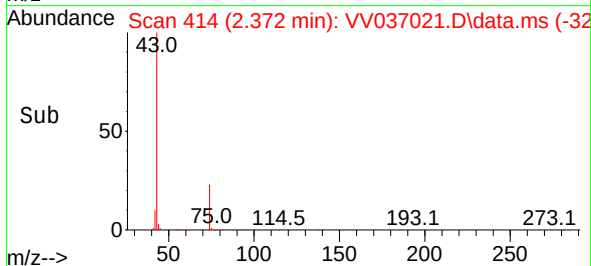
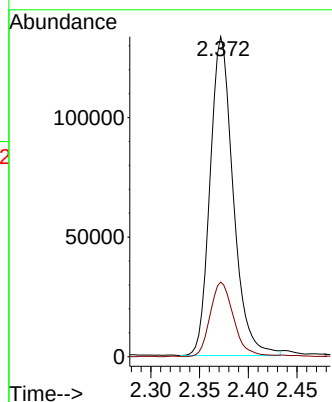
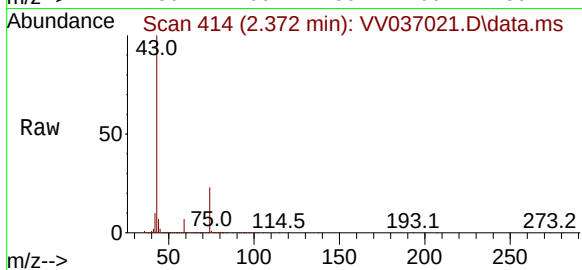
ClientSampleId :

Tgt Ion: 43 Resp: 220545

Ion Ratio Lower Upper

43 100

74 23.5 18.4 27.6



#16

Methylene chloride

Concen: 49.120 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

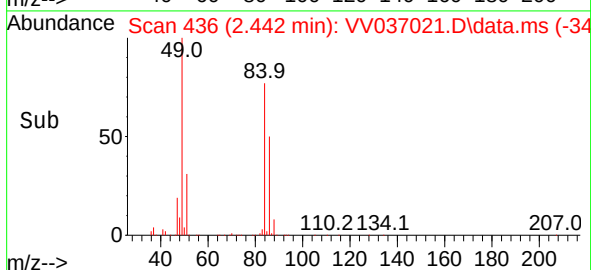
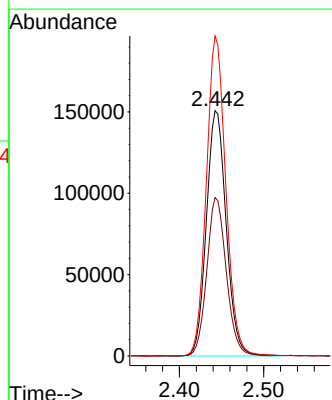
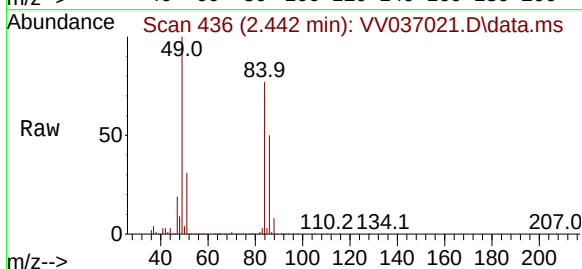
Tgt Ion: 84 Resp: 247064

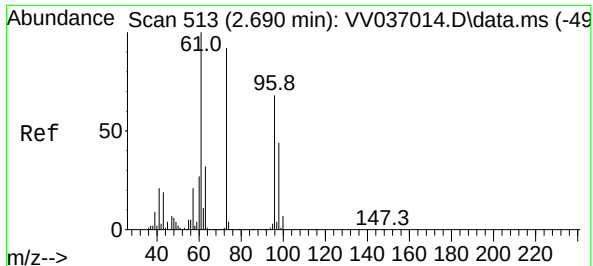
Ion Ratio Lower Upper

84 100

86 64.6 44.7 82.9

49 130.5 91.4 169.8





#17

trans-1,2-Dichloroethene

Concen: 49.142 ug/L

RT: 2.687 min Scan# 513

Delta R.T. -0.003 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA\_V

ClientSampleId :

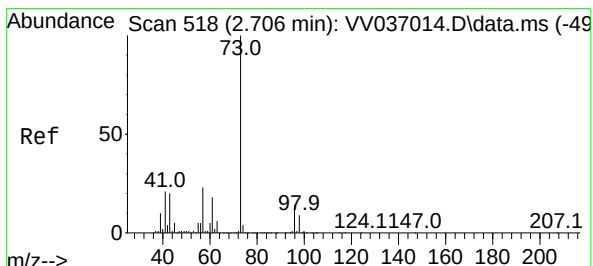
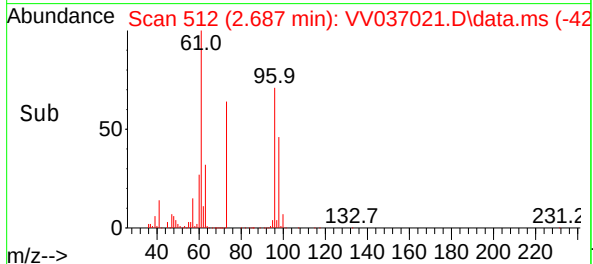
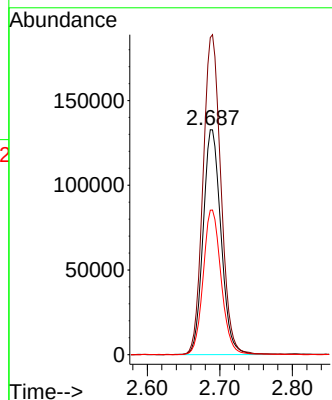
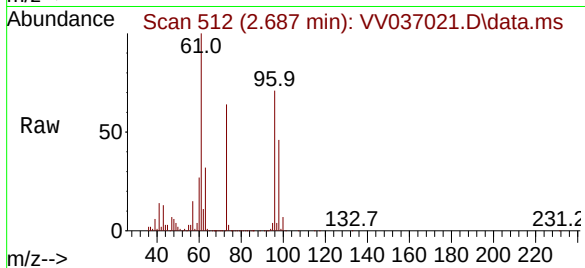
Tgt Ion: 96 Resp: 227429

Ion Ratio Lower Upper

96 100

61 141.0 102.3 189.9

98 64.2 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 49.411 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

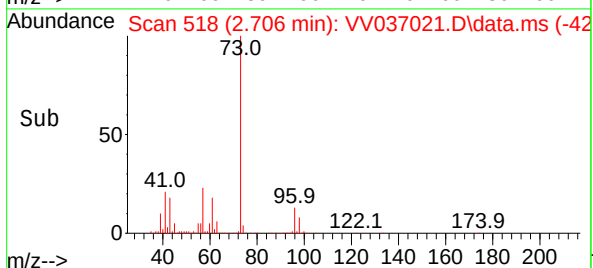
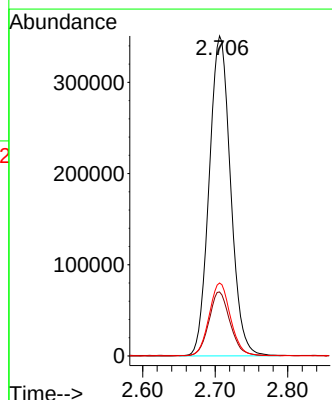
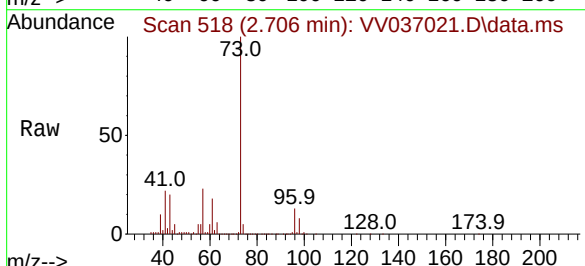
Tgt Ion: 73 Resp: 719333

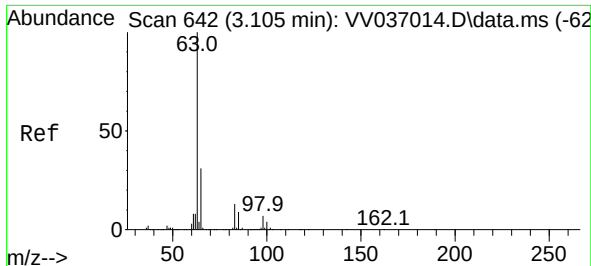
Ion Ratio Lower Upper

73 100

43 19.5 15.8 23.6

57 22.8 18.1 27.1

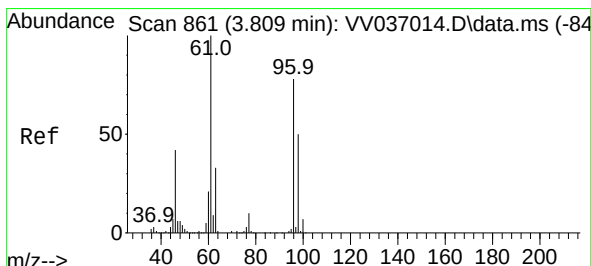
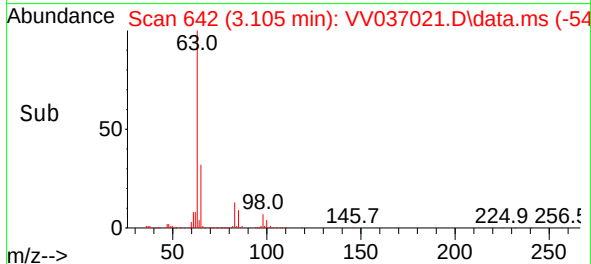
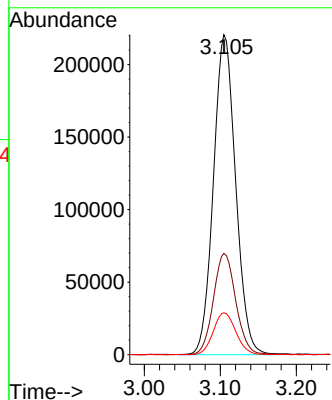
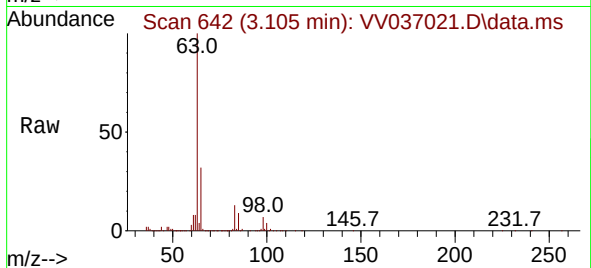




#19  
1,1-Dichloroethane  
Concen: 48.684 ug/L  
RT: 3.105 min Scan# 642  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

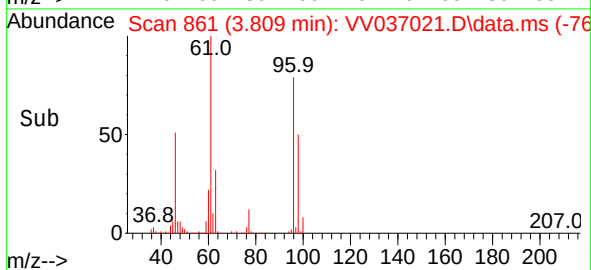
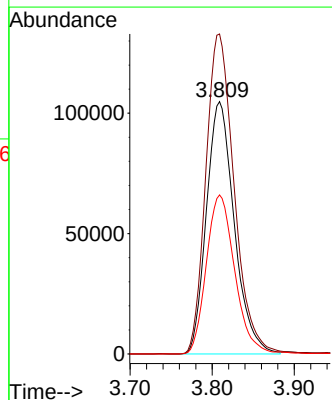
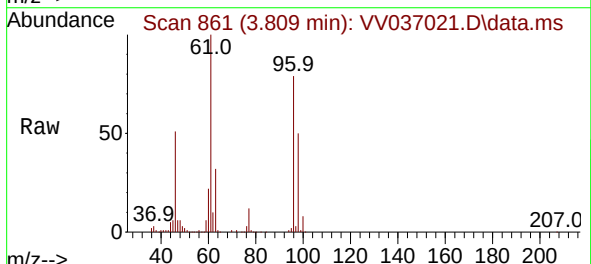
Instrument :  
MSVOA\_V  
ClientSampleId :

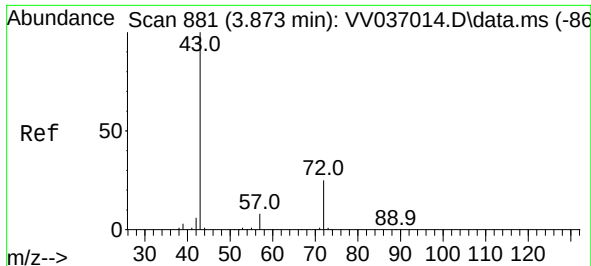
Tgt Ion: 63 Resp: 447443  
Ion Ratio Lower Upper  
63 100  
65 31.7 22.0 41.0  
83 13.1 9.2 17.0



#20  
cis-1,2-Dichloroethene  
Concen: 48.387 ug/L  
RT: 3.809 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

Tgt Ion: 96 Resp: 247447  
Ion Ratio Lower Upper  
96 100  
61 126.8 89.9 166.9  
98 63.0 44.8 83.2





#22

2-Butanone

Concen: 95.208 ug/L

RT: 3.876 min Scan# 881

Delta R.T. 0.003 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA\_V

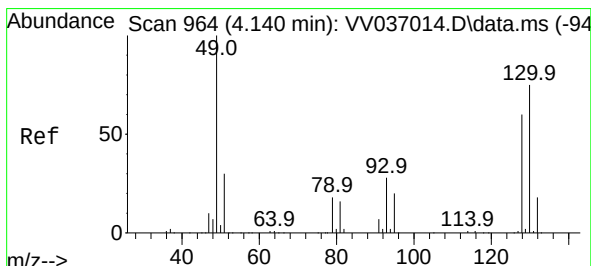
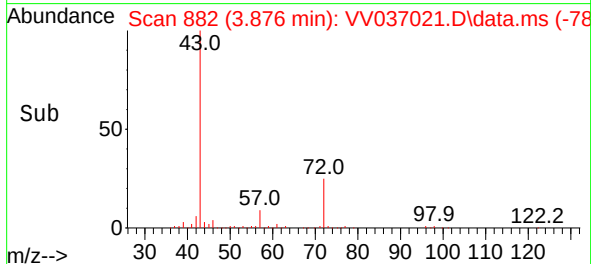
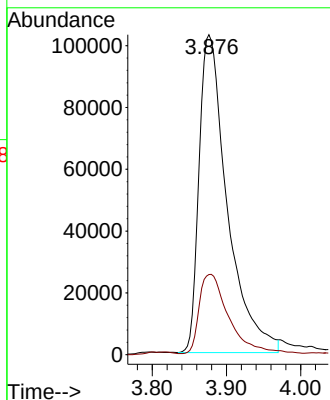
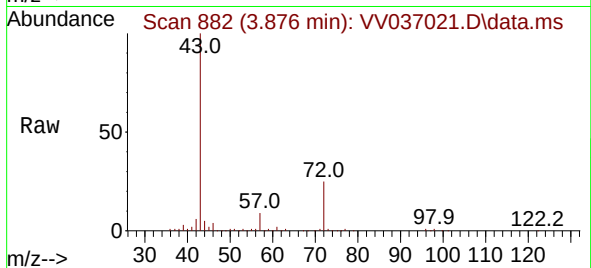
ClientSampleId :

Tgt Ion: 43 Resp: 272131

Ion Ratio Lower Upper

43 100

72 26.0 12.7 38.0



#23

Bromochloromethane

Concen: 49.628 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.003 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

Tgt Ion:128 Resp: 124584

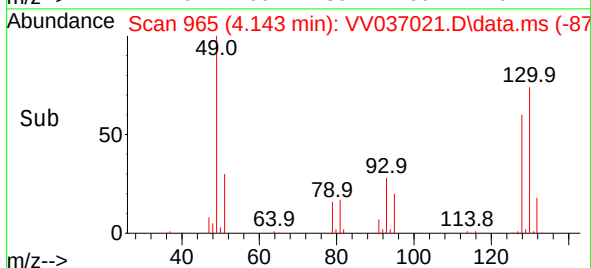
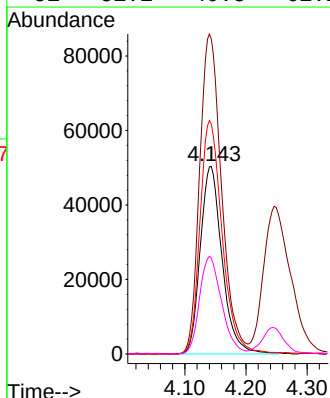
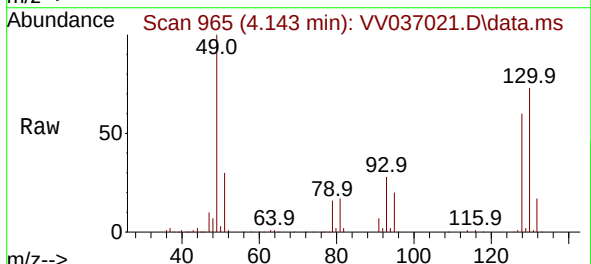
Ion Ratio Lower Upper

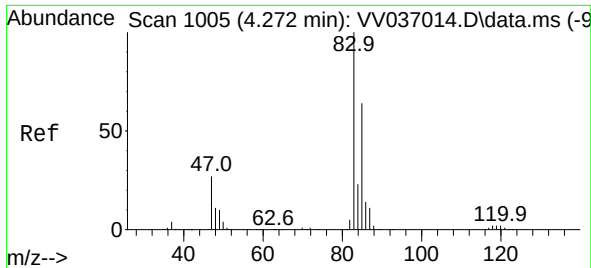
128 100

49 167.9 117.2 217.6

130 122.6 87.6 162.8

51 51.1 40.8 61.2

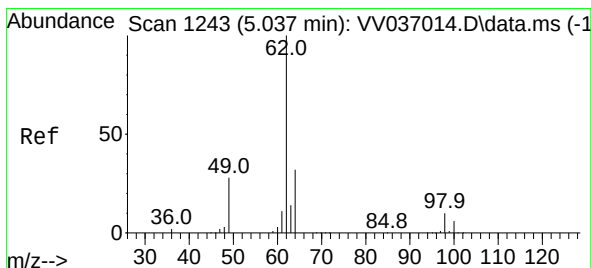
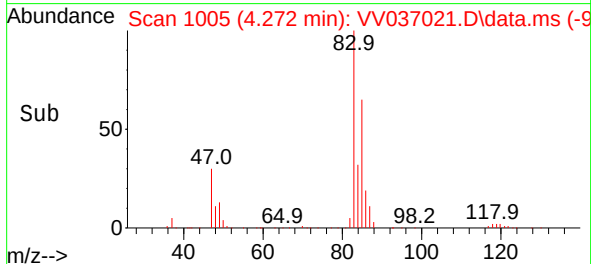
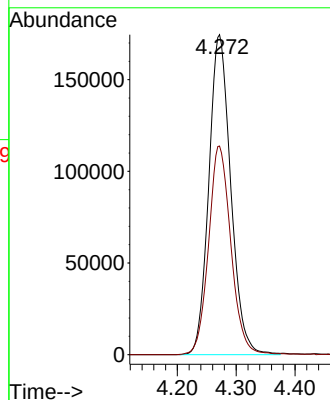
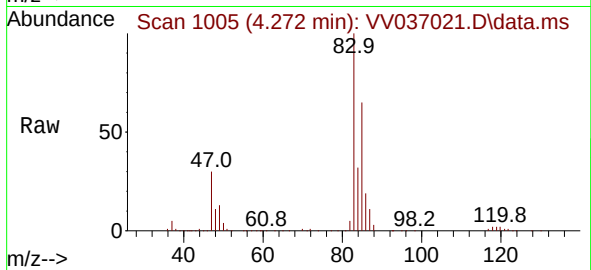




#25  
Chloroform  
Concen: 48.545 ug/L  
RT: 4.272 min Scan# 1005  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

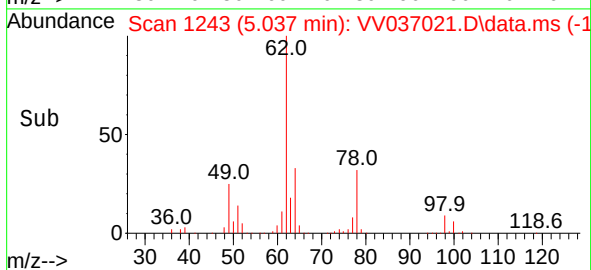
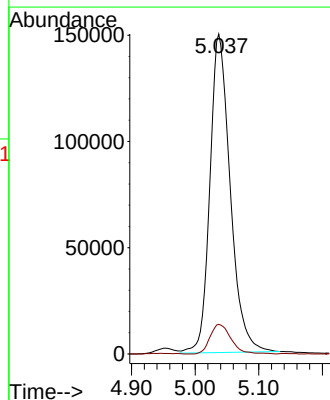
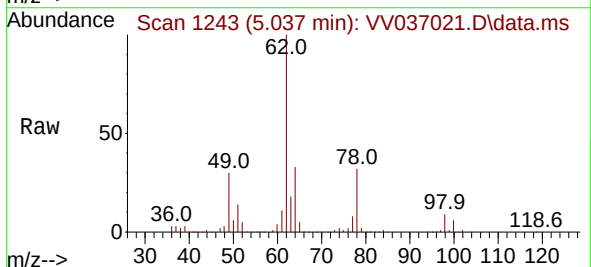
Instrument :  
MSVOA\_V  
ClientSampleId :

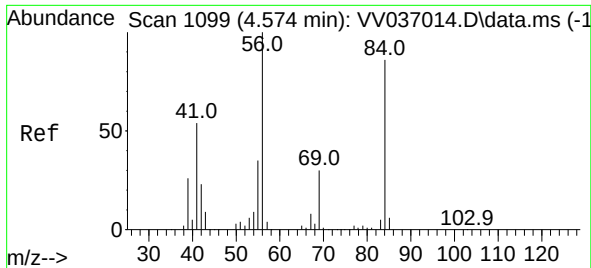
Tgt Ion: 83 Resp: 451852  
Ion Ratio Lower Upper  
83 100  
85 65.2 45.1 83.7



#27  
1,2-Dichloroethane  
Concen: 48.758 ug/L  
RT: 5.037 min Scan# 1243  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

Tgt Ion: 62 Resp: 332910  
Ion Ratio Lower Upper  
62 100  
98 9.3 8.0 12.0





#29

Cyclohexane

Concen: 48.919 ug/L

RT: 4.571 min Scan# 1099

Delta R.T. -0.003 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA\_V

ClientSampleId :

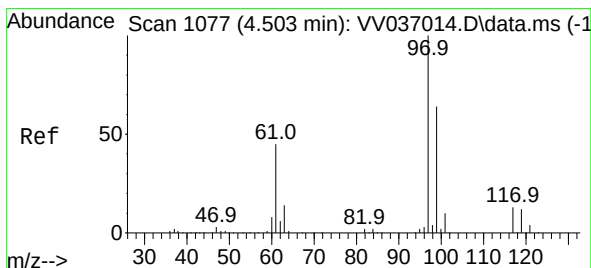
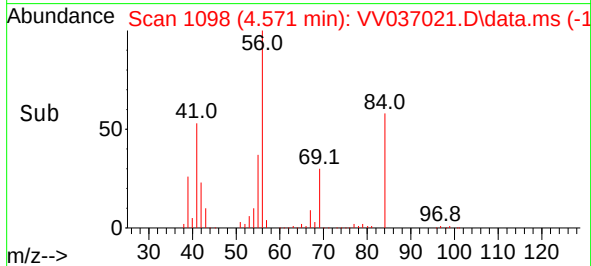
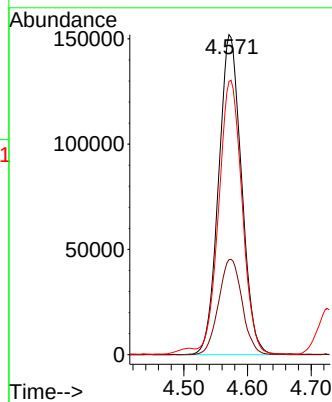
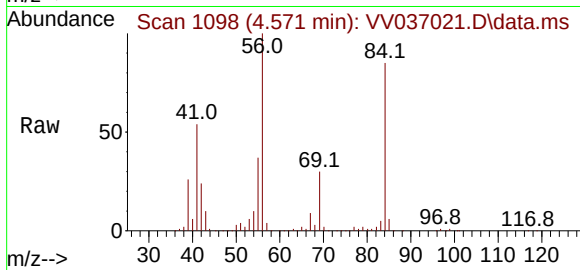
Tgt Ion: 56 Resp: 380209

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.4

84 87.1 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 48.249 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

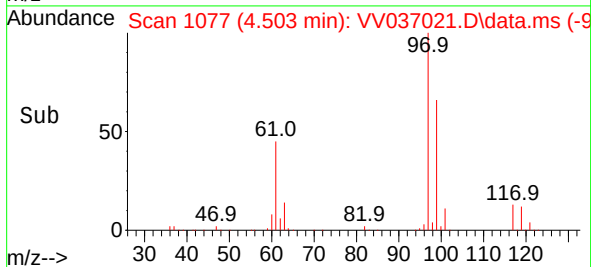
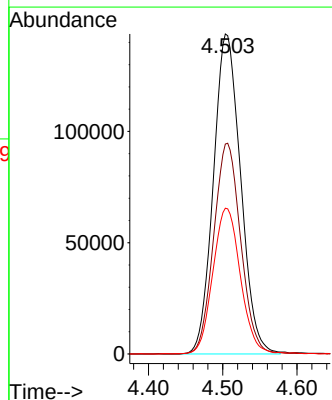
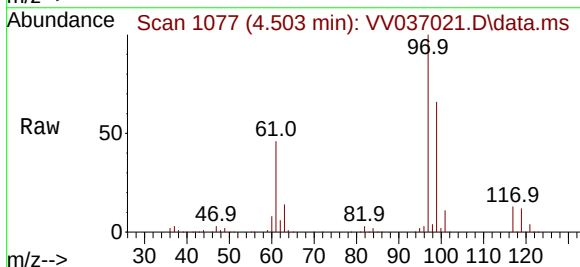
Tgt Ion: 97 Resp: 366984

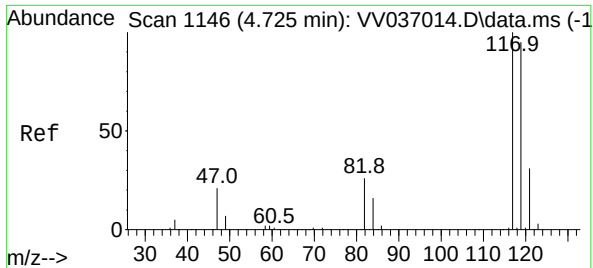
Ion Ratio Lower Upper

97 100

99 65.3 51.6 77.4

61 45.6 35.8 53.6

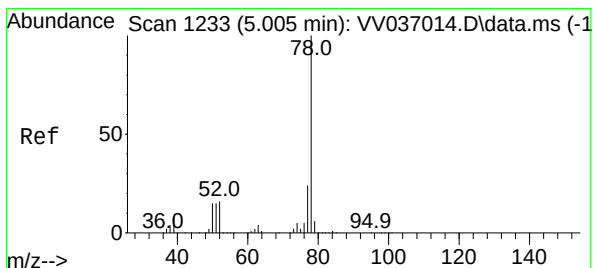
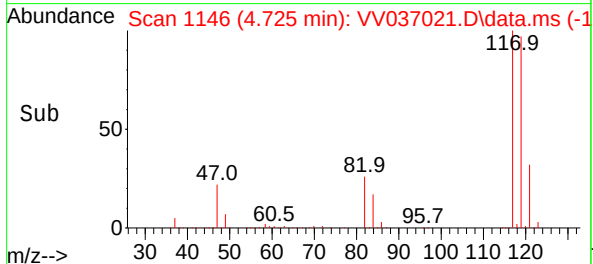
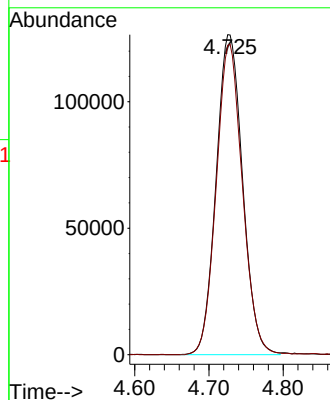
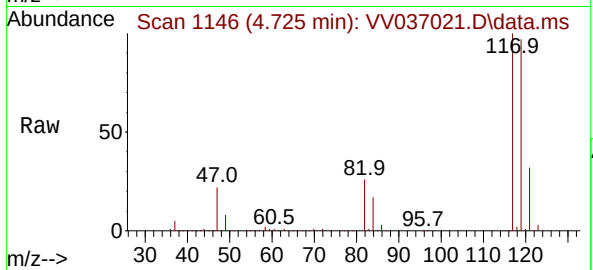




#31  
Carbon tetrachloride  
Concen: 48.756 ug/L  
RT: 4.725 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

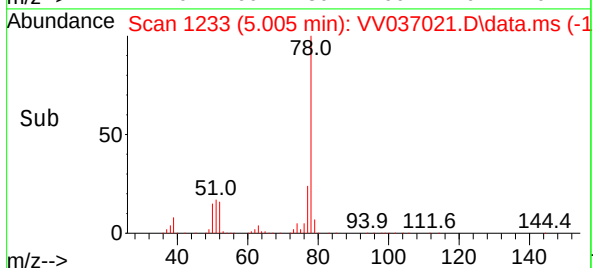
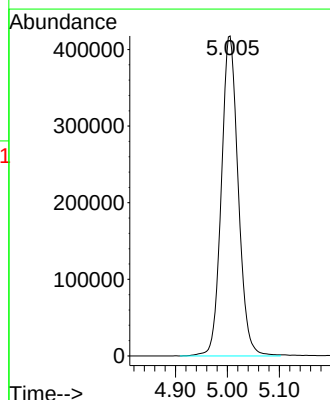
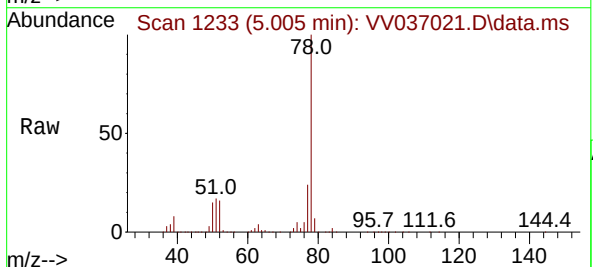
Instrument :  
MSVOA\_V  
ClientSampleId :

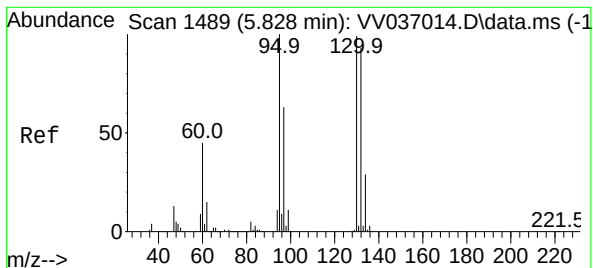
Tgt Ion:117 Resp: 312917  
Ion Ratio Lower Upper  
117 100  
119 96.0 75.8 113.6



#33  
Benzene  
Concen: 49.423 ug/L  
RT: 5.005 min Scan# 1233  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

Tgt Ion: 78 Resp: 942821





#34

Trichloroethene

Concen: 48.419 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA\_V

ClientSampleId :

Tgt Ion: 95 Resp: 243795

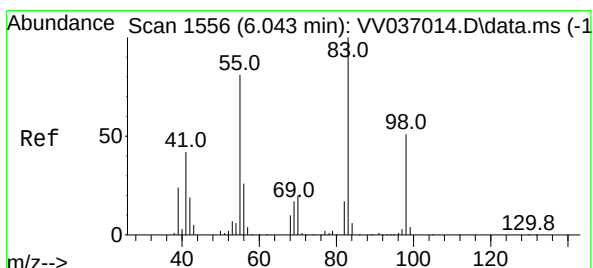
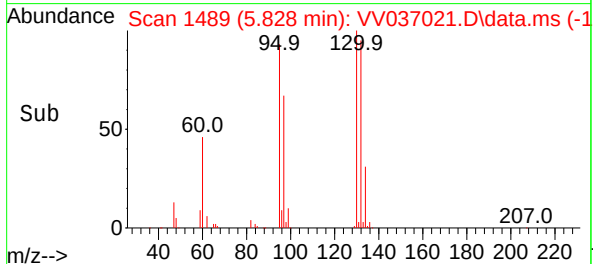
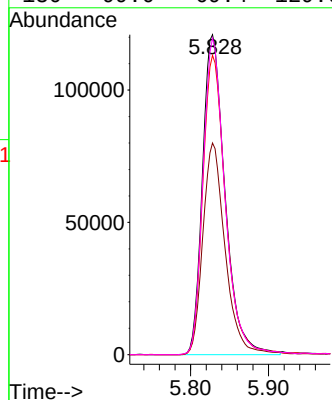
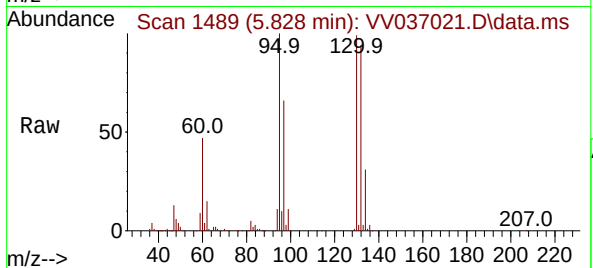
Ion Ratio Lower Upper

95 100

97 66.1 44.4 82.5

132 93.5 64.9 120.5

130 99.0 69.4 129.0



#35

Methylcyclohexane

Concen: 49.162 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

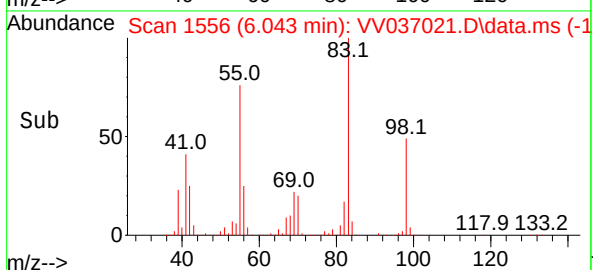
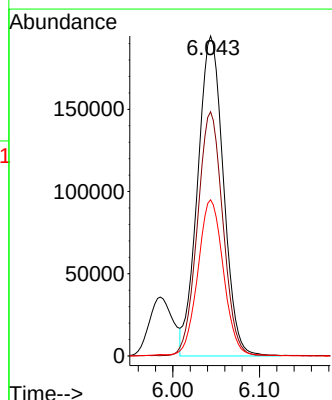
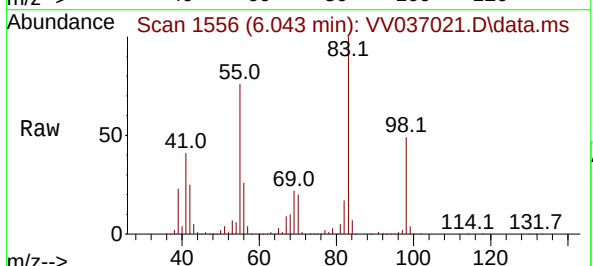
Tgt Ion: 83 Resp: 402189

Ion Ratio Lower Upper

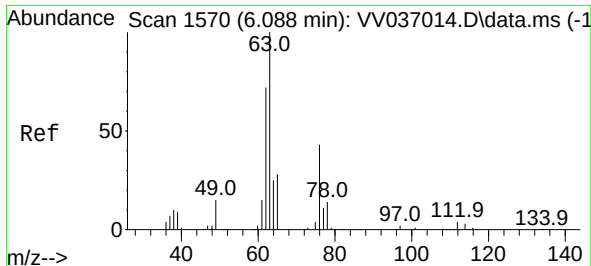
83 100

55 74.9 61.2 91.8

98 48.5 39.3 58.9



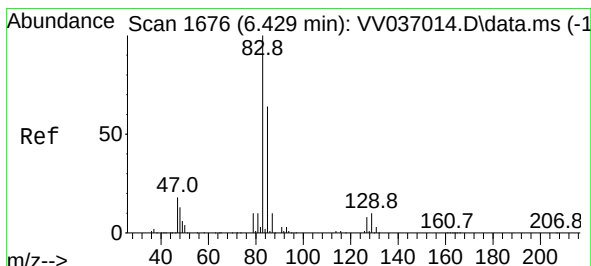
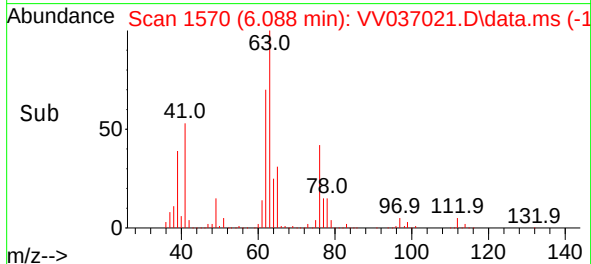
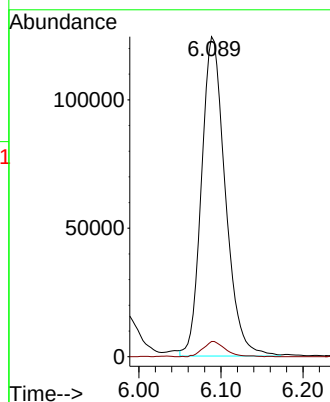
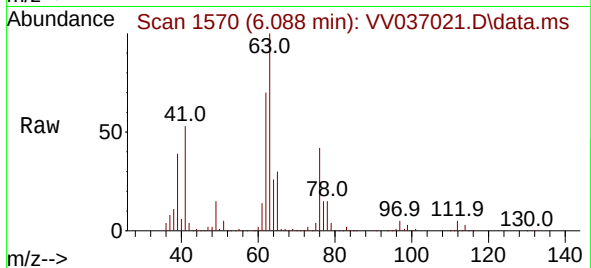




#37  
1,2-Dichloropropane  
Concen: 49.056 ug/L  
RT: 6.088 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

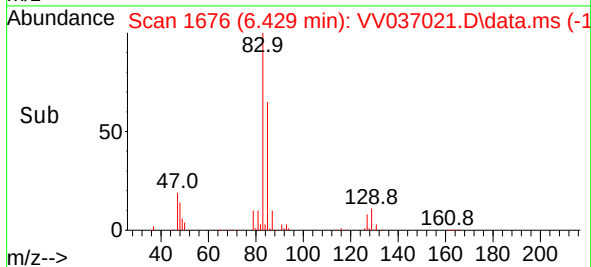
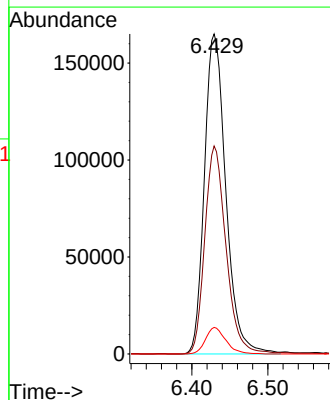
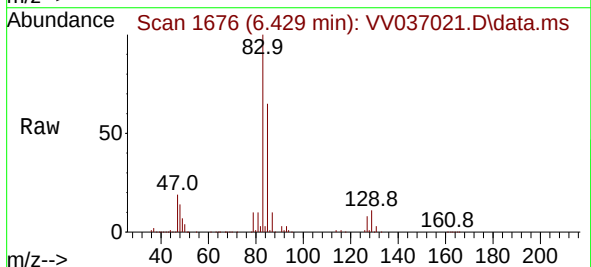
Instrument :  
MSVOA\_V  
ClientSampleId :

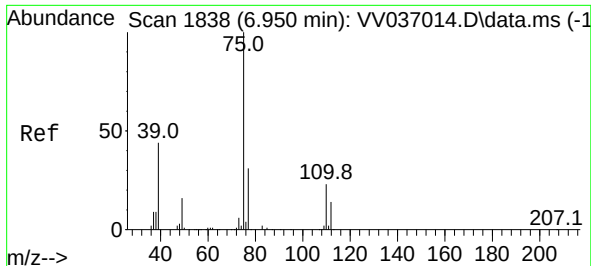
Tgt Ion: 63 Resp: 250884  
Ion Ratio Lower Upper  
63 100  
112 4.4 3.5 5.3



#38  
Bromodichloromethane  
Concen: 49.305 ug/L  
RT: 6.429 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

Tgt Ion: 83 Resp: 323189  
Ion Ratio Lower Upper  
83 100  
85 65.0 44.5 82.7  
127 8.3 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 47.964 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA\_V

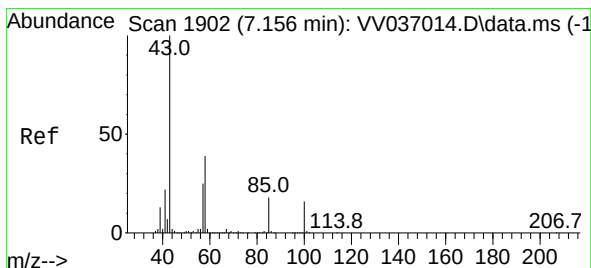
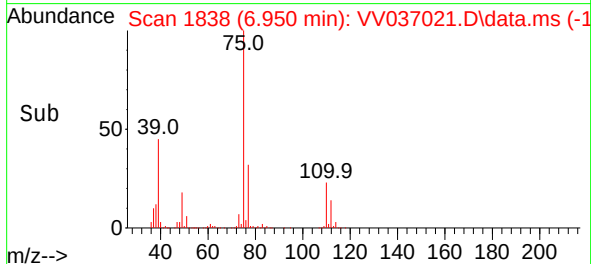
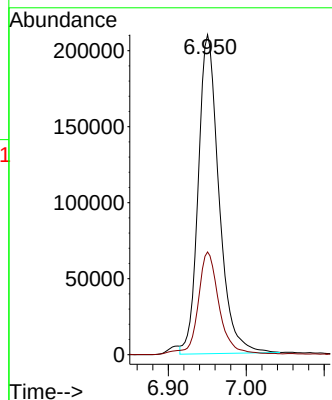
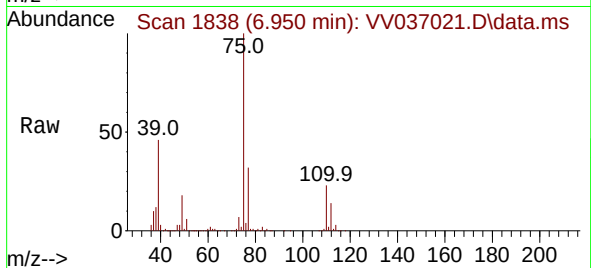
ClientSampleId :

Tgt Ion: 75 Resp: 387106

Ion Ratio Lower Upper

75 100

77 32.1 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 100.144 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.003 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

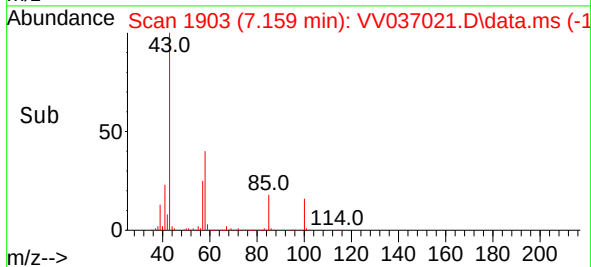
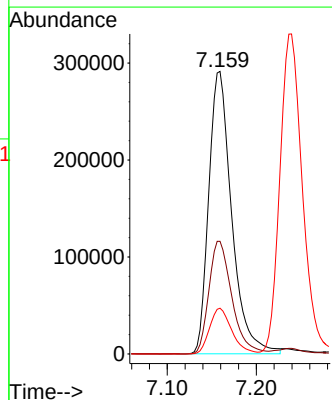
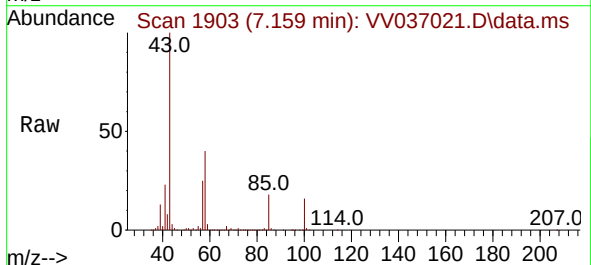
Tgt Ion: 43 Resp: 520688

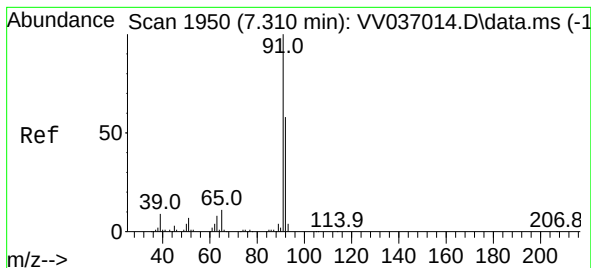
Ion Ratio Lower Upper

43 100

58 40.0 32.0 48.0

100 15.7 12.4 18.6





#42

Toluene

Concen: 49.530 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA\_V

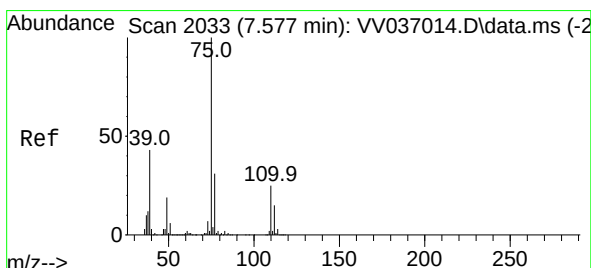
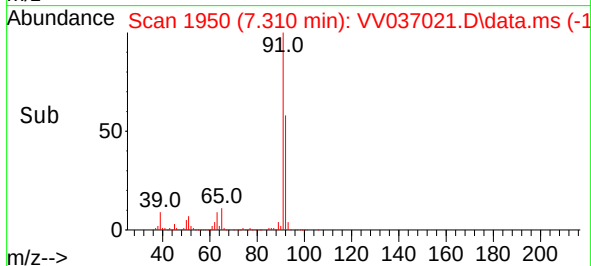
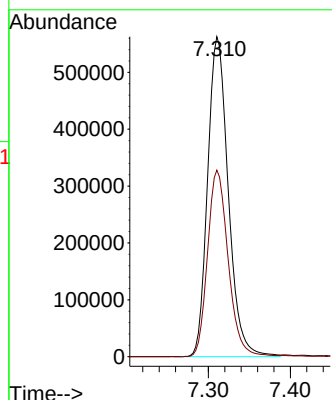
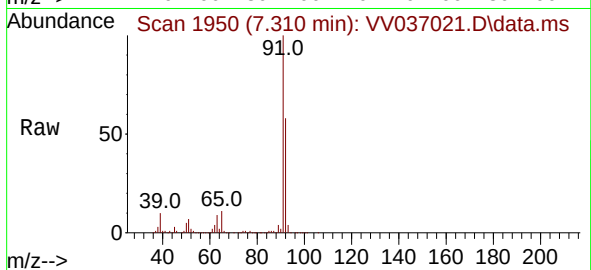
ClientSampleId :

Tgt Ion: 91 Resp: 983779

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 49.681 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV037021.D

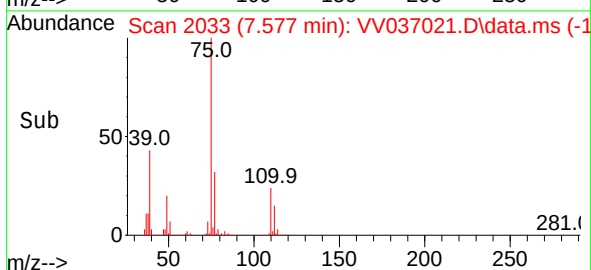
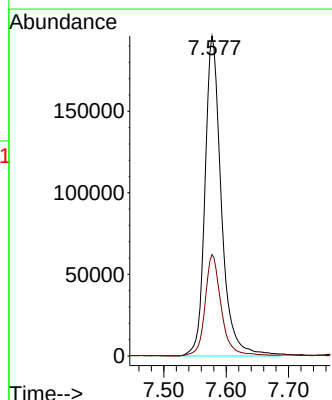
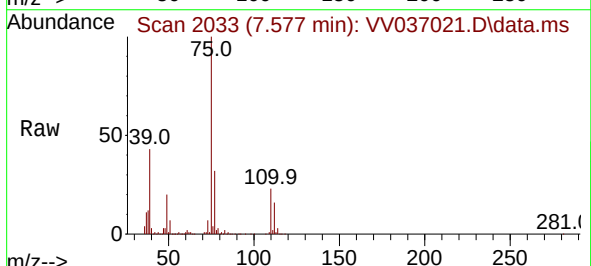
Acq: 26 Aug 2024 12:50

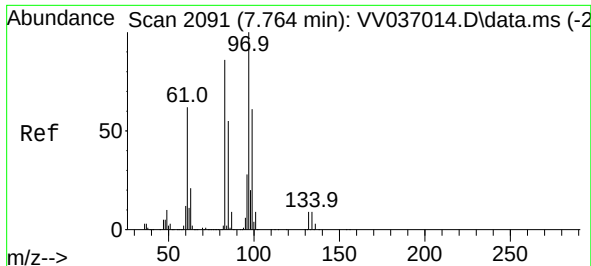
Tgt Ion: 75 Resp: 358399

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 48.791 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA\_V

ClientSampleId :

Tgt Ion: 97 Resp: 232287

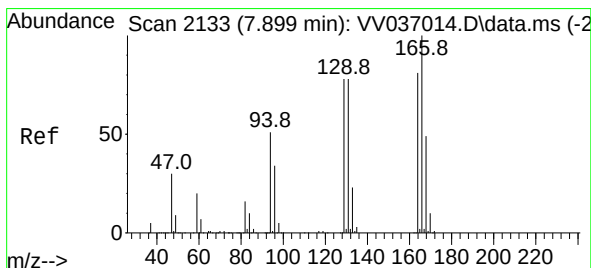
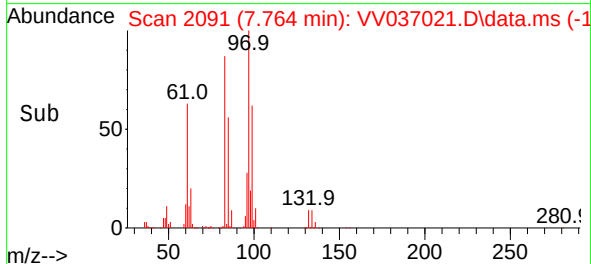
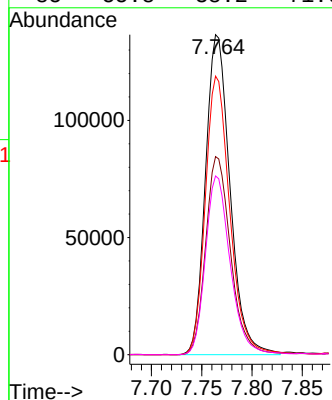
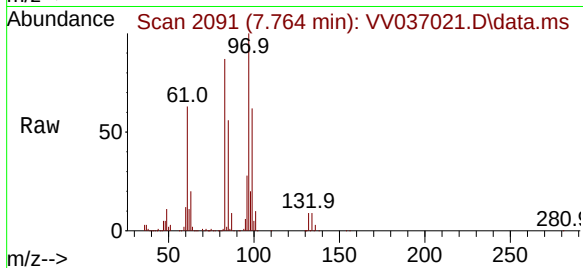
Ion Ratio Lower Upper

97 100

99 61.9 42.6 79.0

83 87.1 60.5 112.3

85 55.8 38.2 71.0



#46

Tetrachloroethene

Concen: 49.494 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

Tgt Ion:164 Resp: 178810

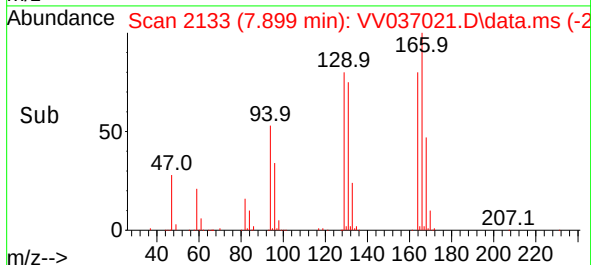
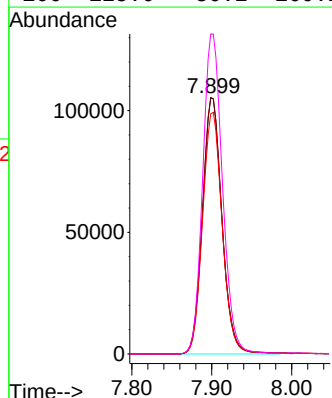
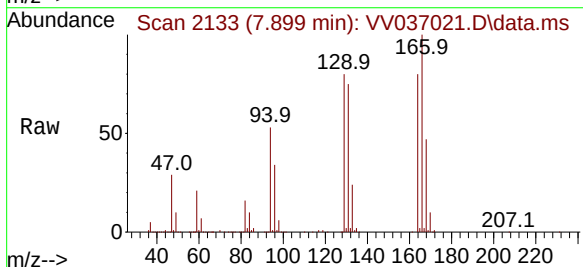
Ion Ratio Lower Upper

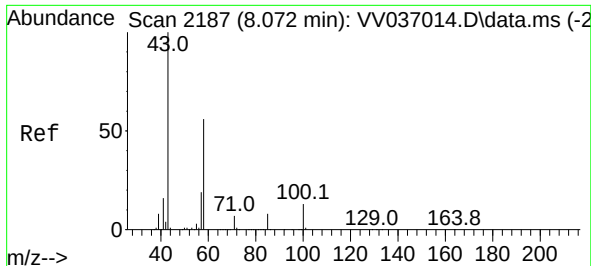
164 100

129 100.2 67.1 124.7

131 93.8 67.0 124.4

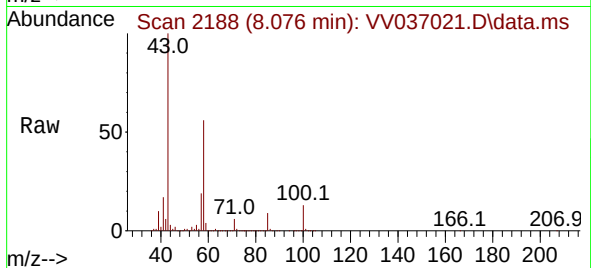
166 125.0 86.2 160.2



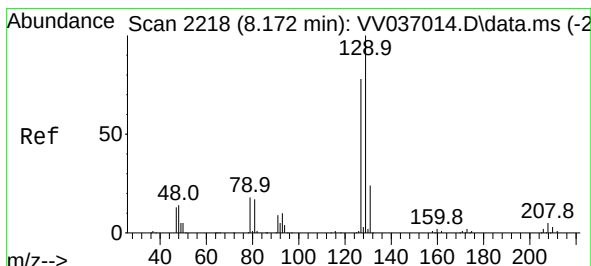
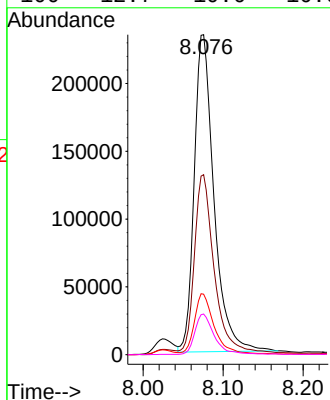
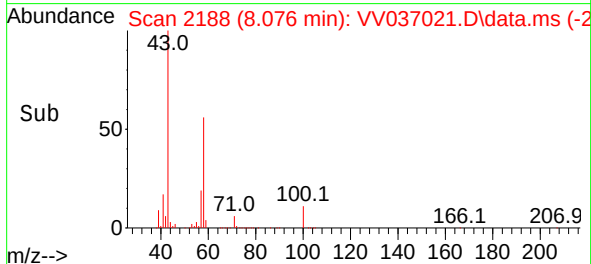


#48  
2-Hexanone  
Concen: 100.257 ug/L  
RT: 8.076 min Scan# 2187  
Delta R.T. 0.003 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

Instrument :  
MSVOA\_V  
ClientSampleId :

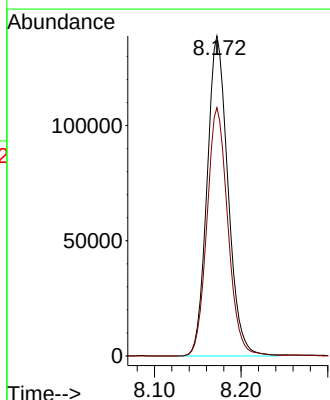
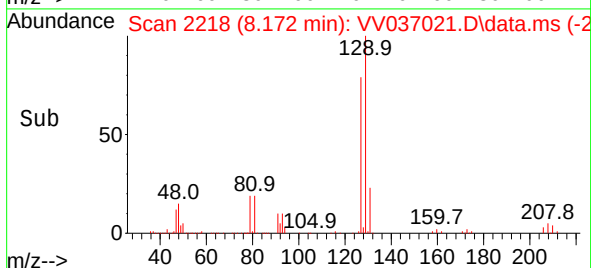
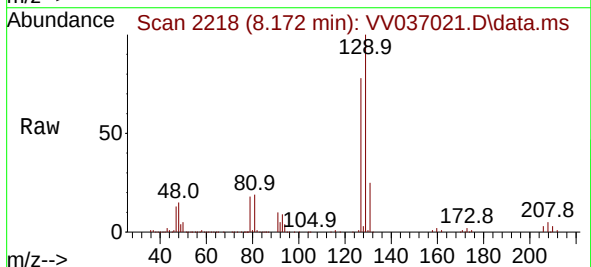


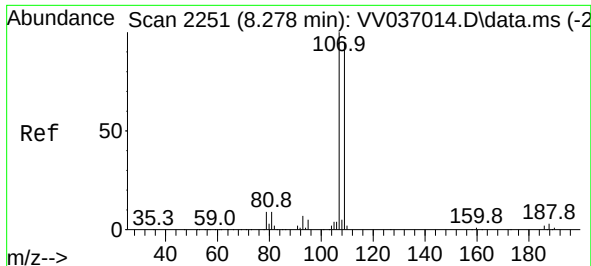
Tgt Ion: 43 Resp: 403146  
Ion Ratio Lower Upper  
43 100  
58 56.4 46.0 69.0  
57 18.3 15.6 23.4  
100 12.7 10.6 16.0



#49  
Dibromochloromethane  
Concen: 48.878 ug/L  
RT: 8.172 min Scan# 2218  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

Tgt Ion: 129 Resp: 233008  
Ion Ratio Lower Upper  
129 100  
127 77.6 54.7 101.7

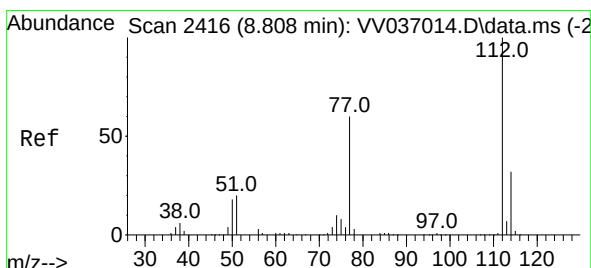
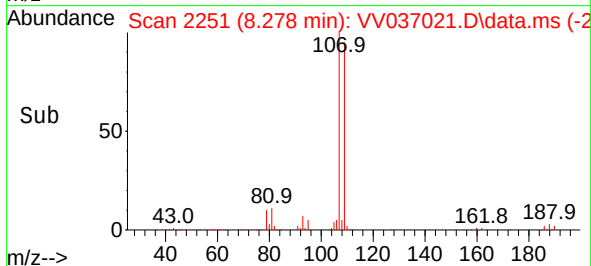
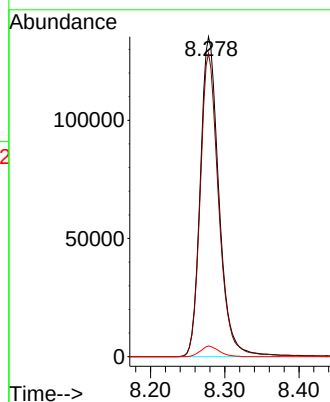
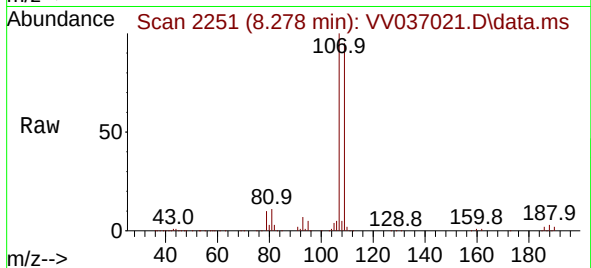




#50  
1,2-Dibromoethane  
Concen: 48.881 ug/L  
RT: 8.278 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

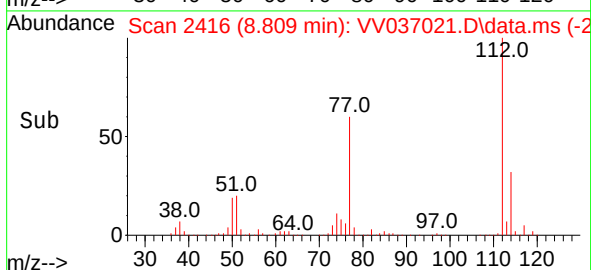
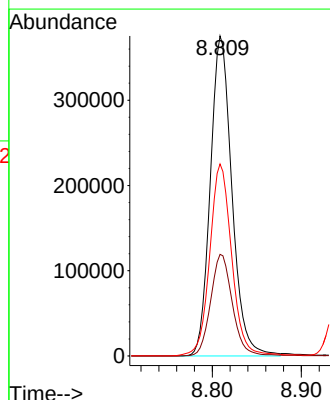
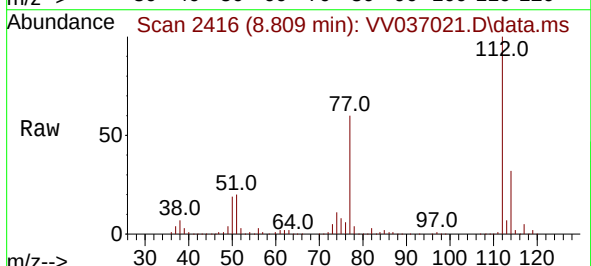
Instrument :  
MSVOA\_V  
ClientSampleId :

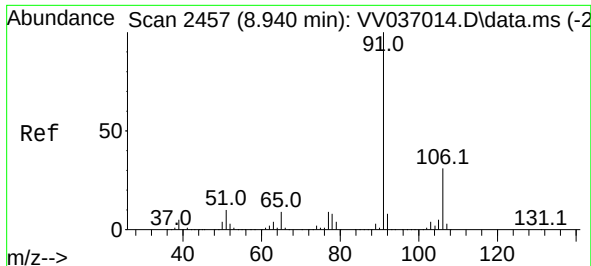
Tgt Ion:107 Resp: 235485  
Ion Ratio Lower Upper  
107 100  
109 94.9 66.6 123.6  
188 3.5 2.6 3.8



#51  
Chlorobenzene  
Concen: 48.077 ug/L  
RT: 8.809 min Scan# 2416  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

Tgt Ion:112 Resp: 632184  
Ion Ratio Lower Upper  
112 100  
114 31.8 22.3 41.5  
77 60.0 47.8 71.8





#52

Ethylbenzene

Concen: 49.871 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA\_V

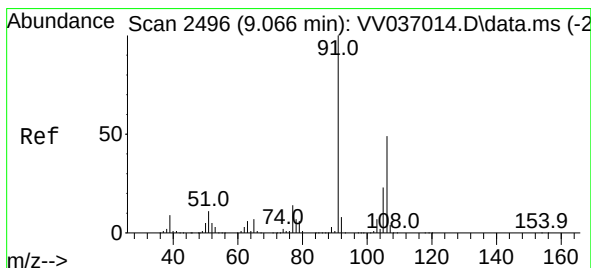
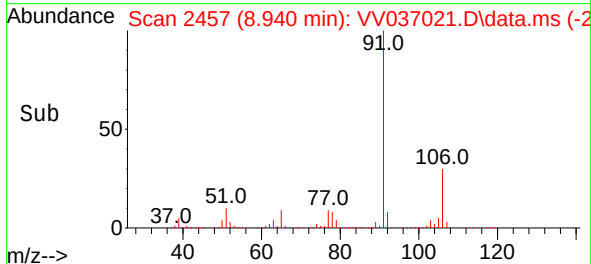
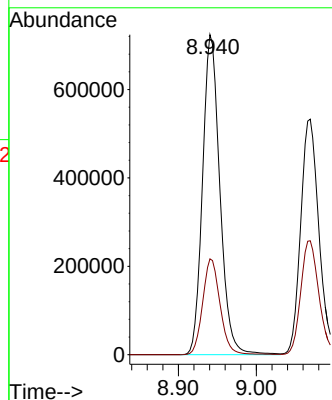
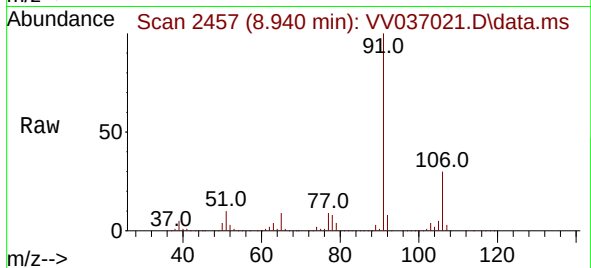
ClientSampleId :

Tgt Ion: 91 Resp: 1118864

Ion Ratio Lower Upper

91 100

106 30.0 21.4 39.8



#53

m,p-Xylene

Concen: 50.118 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV037021.D

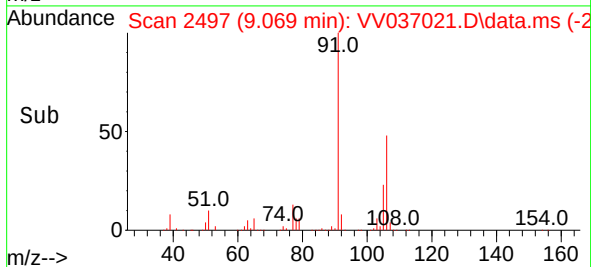
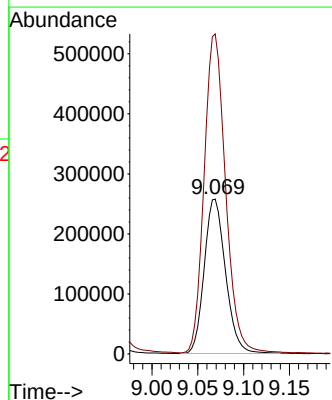
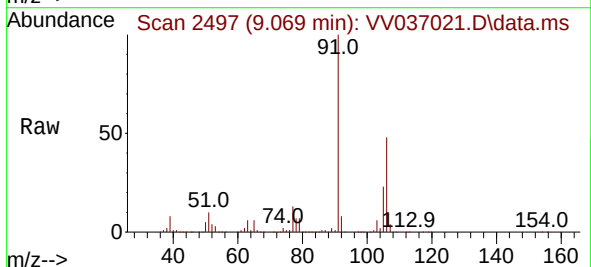
Acq: 26 Aug 2024 12:50

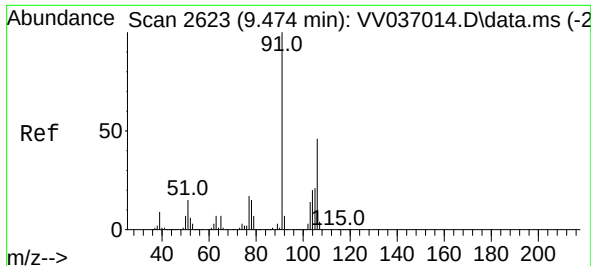
Tgt Ion:106 Resp: 416605

Ion Ratio Lower Upper

106 100

91 206.6 143.0 265.6

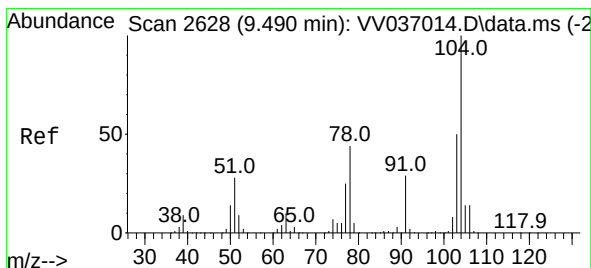
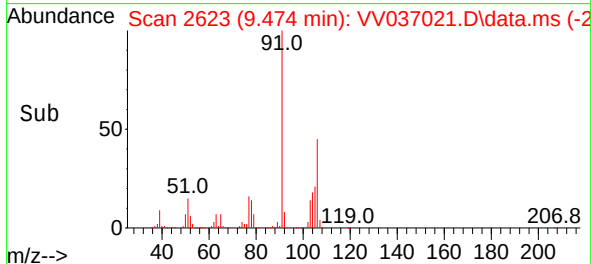
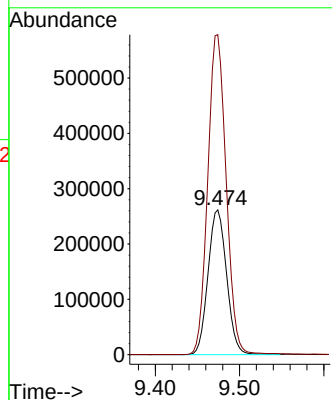
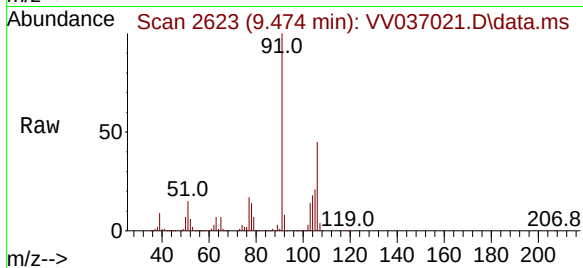




#54  
o-Xylene  
Concen: 49.493 ug/L  
RT: 9.474 min Scan# 2623  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

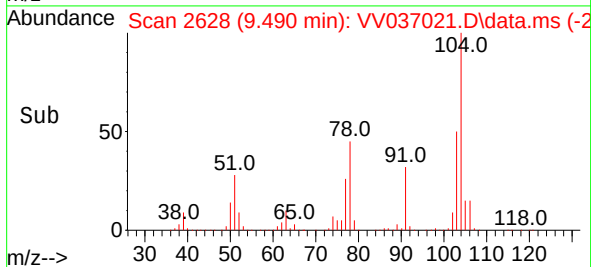
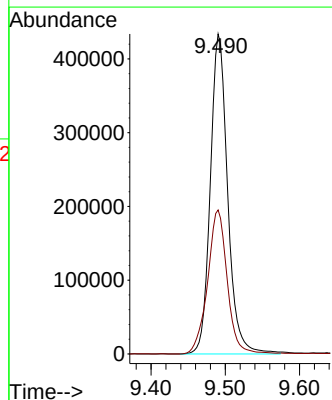
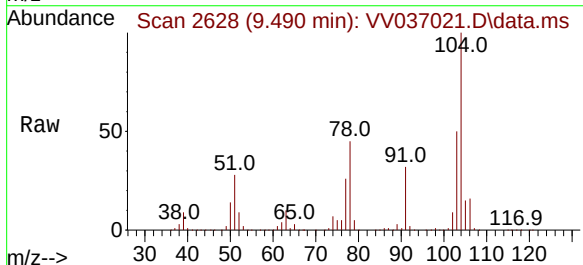
Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion:106 Resp: 402819  
Ion Ratio Lower Upper  
106 100  
91 221.0 153.2 284.6

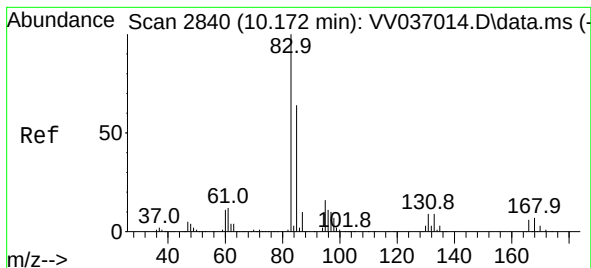


#55  
Styrene  
Concen: 49.847 ug/L  
RT: 9.490 min Scan# 2628  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

Tgt Ion:104 Resp: 703962  
Ion Ratio Lower Upper  
104 100  
78 45.0 30.9 57.5



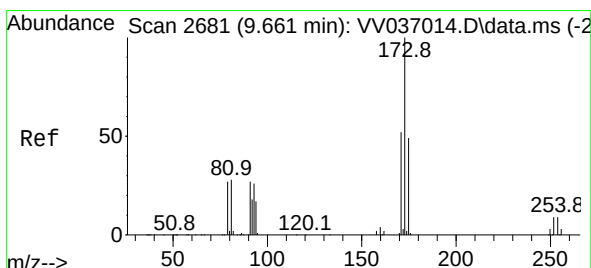
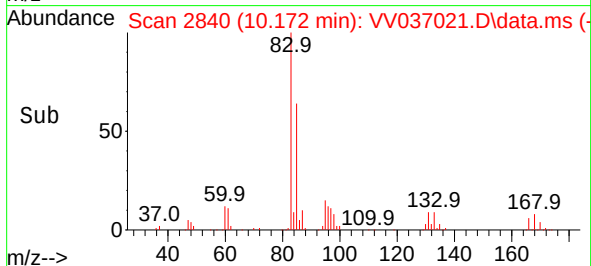
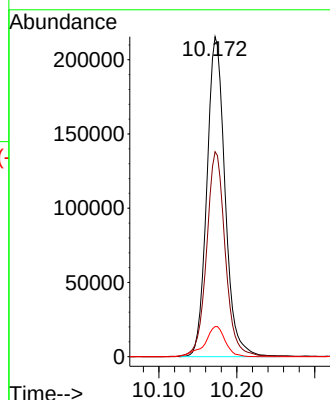
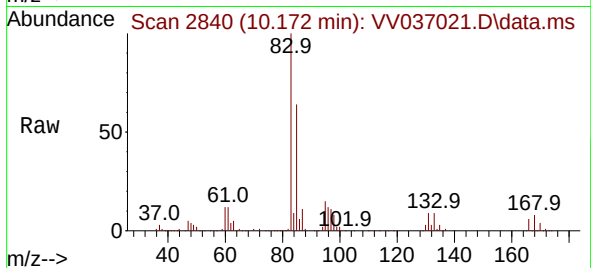




#57  
1,1,2,2-Tetrachloroethane  
Concen: 49.611 ug/L  
RT: 10.172 min Scan# 2840  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

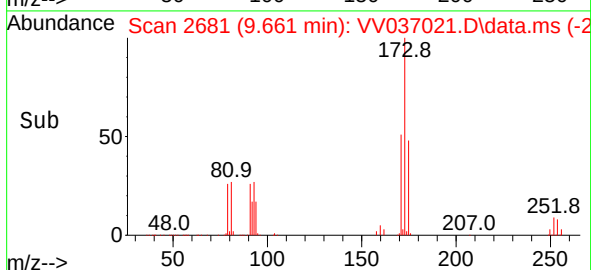
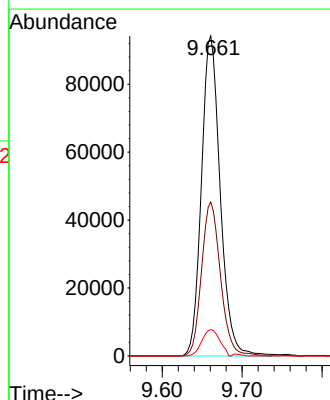
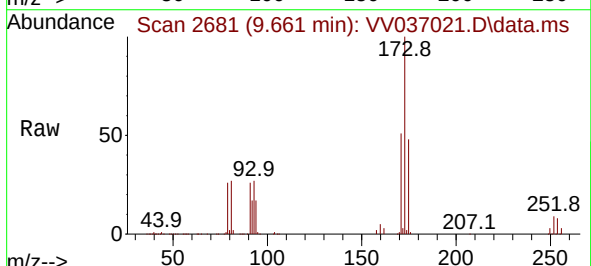
Instrument :  
MSVOA\_V  
ClientSampleId :

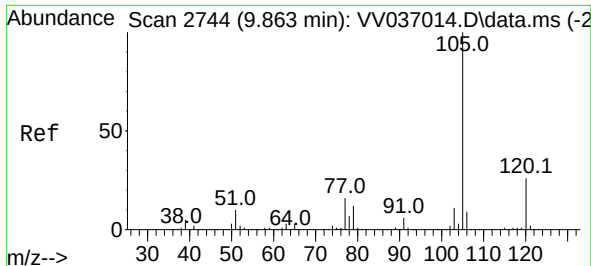
Tgt Ion: 83 Resp: 349808  
Ion Ratio Lower Upper  
83 100  
85 64.0 45.1 83.7  
131 9.4 7.4 11.0



#59  
Bromoform  
Concen: 49.935 ug/L  
RT: 9.661 min Scan# 2681  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

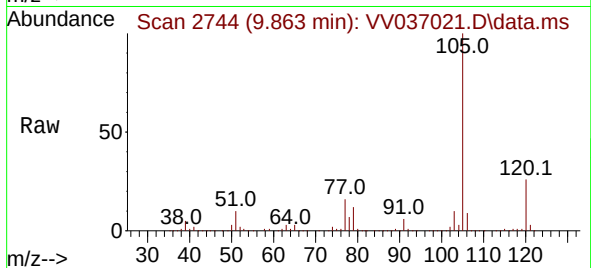
Tgt Ion: 173 Resp: 154393  
Ion Ratio Lower Upper  
173 100  
175 48.3 38.7 58.1  
254 7.8 6.8 10.2



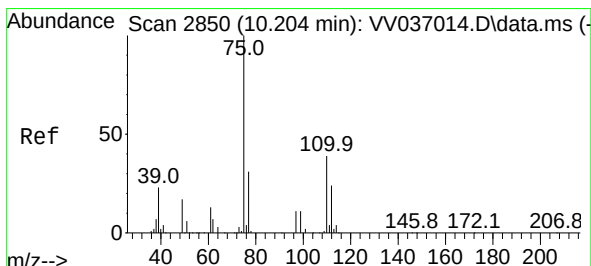
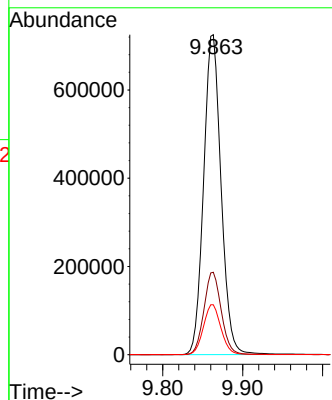
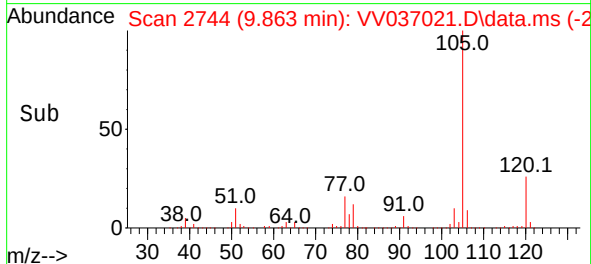


#60  
Isopropylbenzene  
Concen: 51.137 ug/L  
RT: 9.863 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

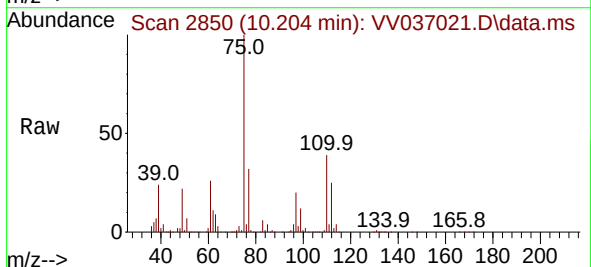
Instrument :  
MSVOA\_V  
ClientSampleId :



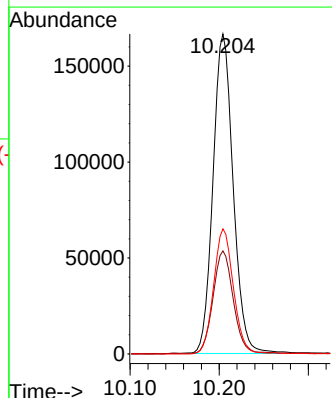
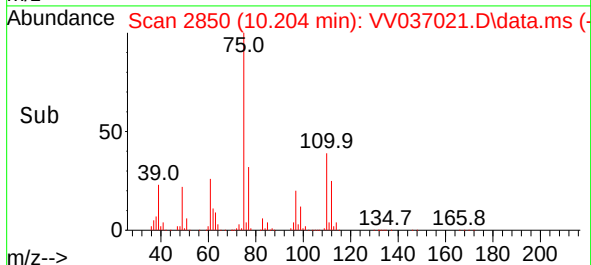
Tgt Ion:105 Resp: 1100754  
Ion Ratio Lower Upper  
105 100  
120 25.7 20.9 31.3  
77 15.7 12.6 19.0

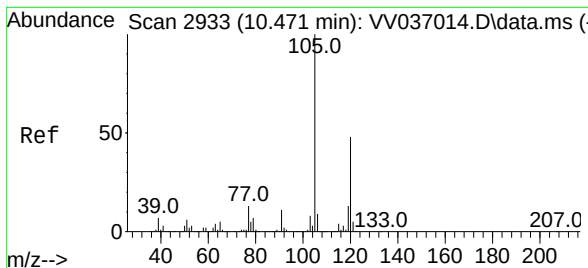


#61  
1,2,3-Trichloropropane  
Concen: 50.577 ug/L  
RT: 10.204 min Scan# 2850  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50



Tgt Ion: 75 Resp: 261239  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.2 37.8  
110 38.5 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 51.311 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA\_V

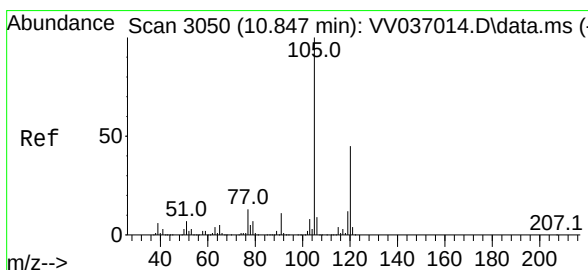
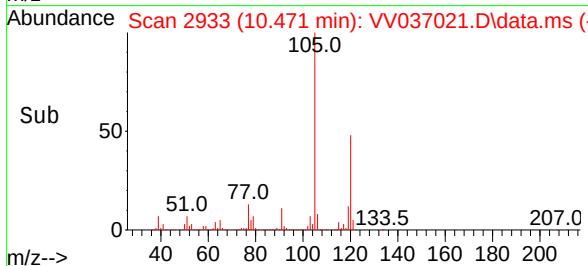
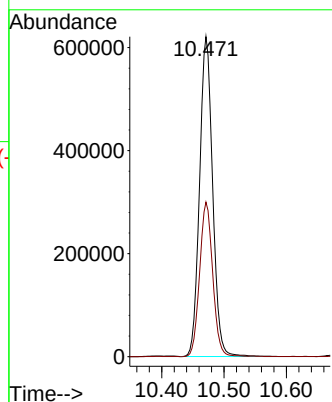
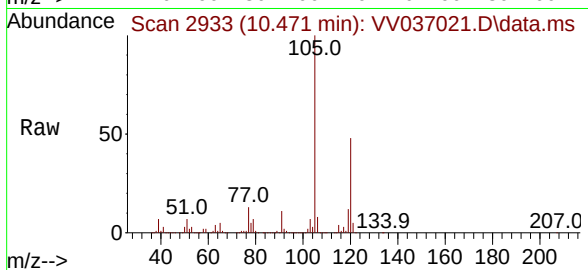
ClientSampleId :

Tgt Ion:105 Resp: 903654

Ion Ratio Lower Upper

105 100

120 48.4 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 51.477 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV037021.D

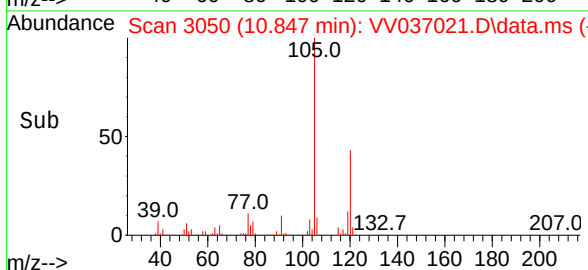
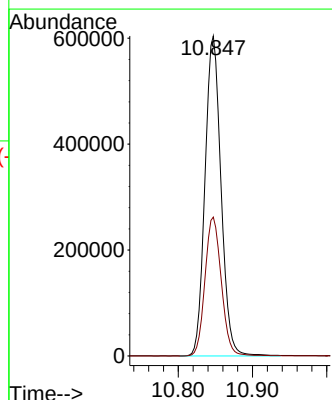
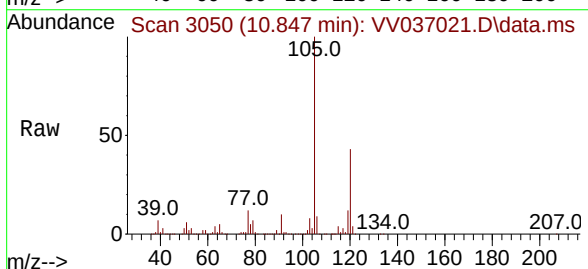
Acq: 26 Aug 2024 12:50

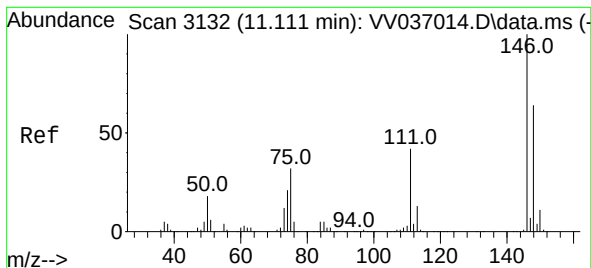
Tgt Ion:105 Resp: 904733

Ion Ratio Lower Upper

105 100

120 44.1 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 49.084 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA\_V

ClientSampleId :

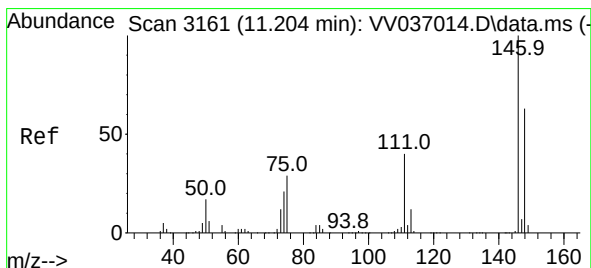
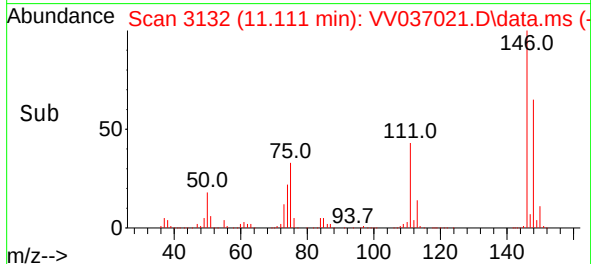
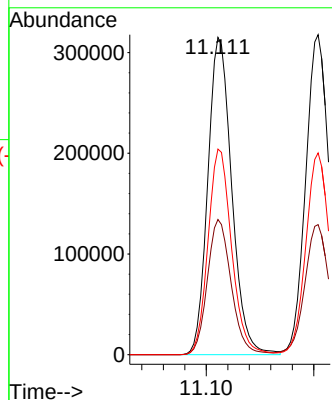
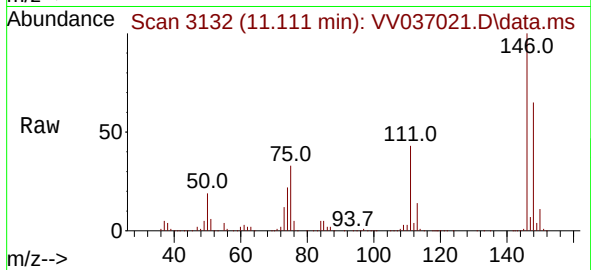
Tgt Ion:146 Resp: 487879

Ion Ratio Lower Upper

146 100

111 42.6 29.7 55.1

148 64.8 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 49.439 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

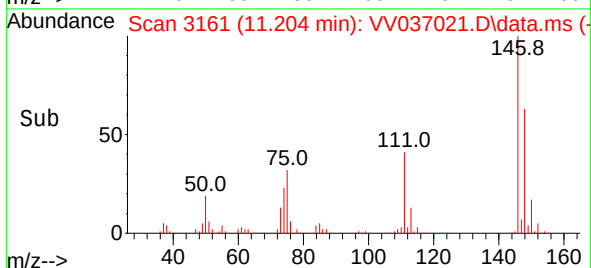
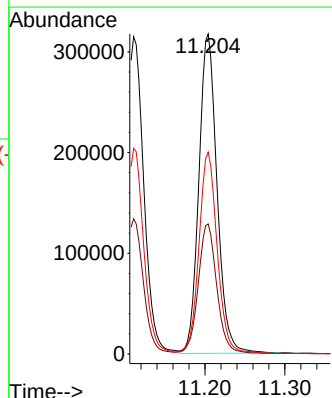
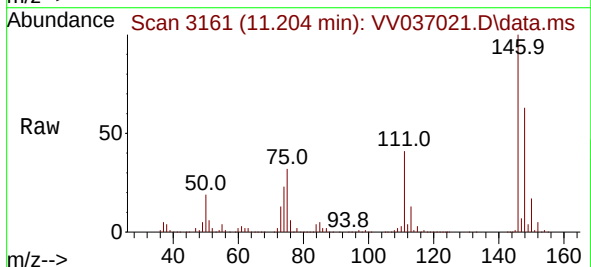
Tgt Ion:146 Resp: 502952

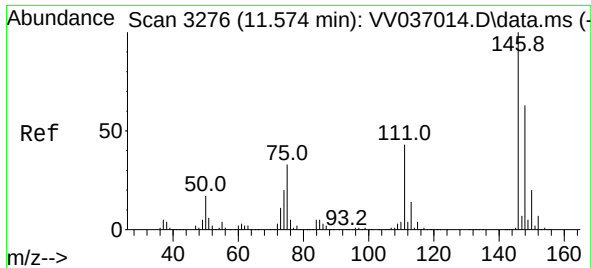
Ion Ratio Lower Upper

146 100

111 40.7 28.1 52.1

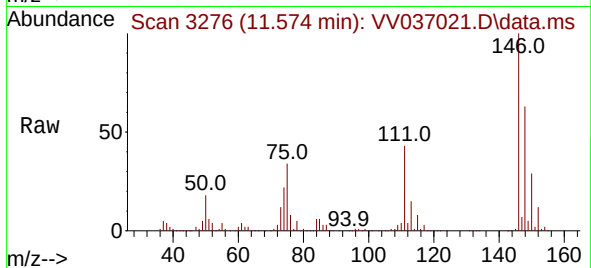
148 63.1 44.2 82.0



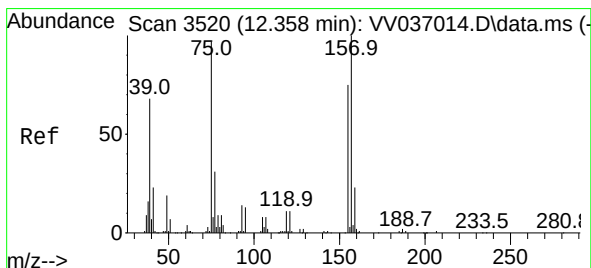
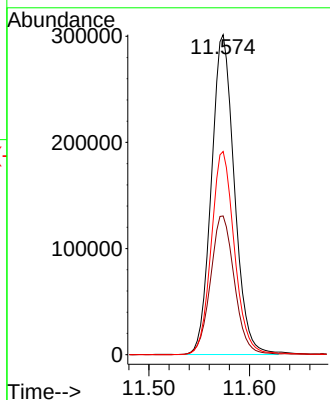
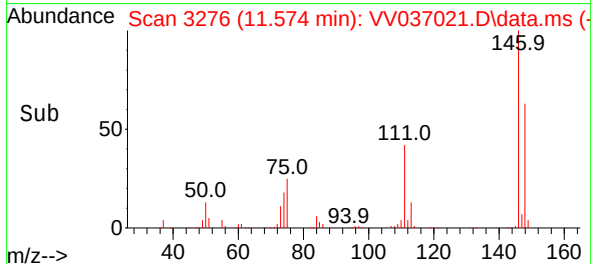


#67  
1,2-Dichlorobenzene  
Concen: 48.933 ug/L  
RT: 11.574 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50

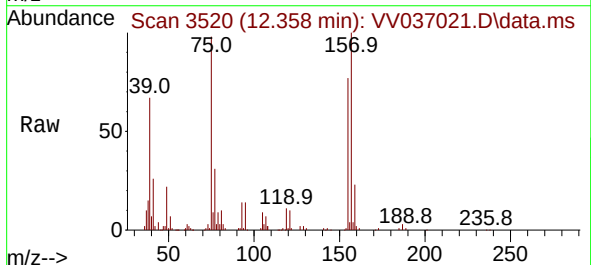
Instrument :  
MSVOA\_V  
ClientSampleId :



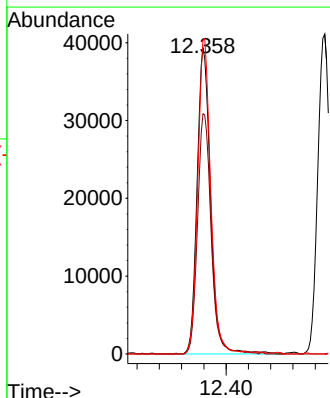
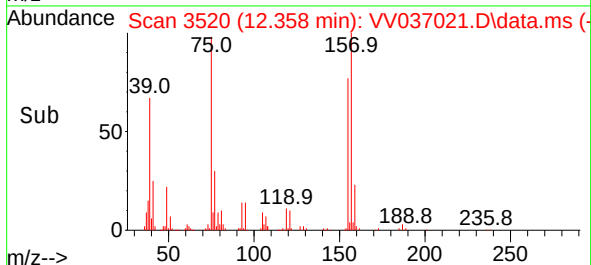
Tgt Ion:146 Resp: 478236  
Ion Ratio Lower Upper  
146 100  
111 43.4 34.6 51.8  
148 63.5 50.2 75.4

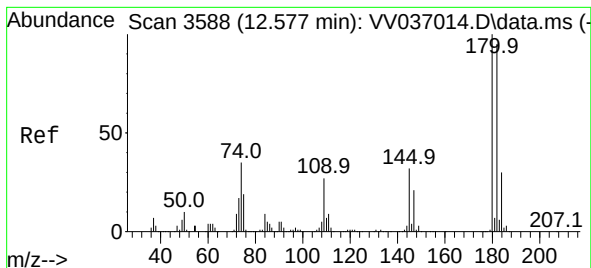


#68  
1,2-Dibromo-3-chloropropane  
Concen: 51.153 ug/L  
RT: 12.358 min Scan# 3520  
Delta R.T. 0.000 min  
Lab File: VV037021.D  
Acq: 26 Aug 2024 12:50



Tgt Ion: 75 Resp: 65891  
Ion Ratio Lower Upper  
75 100  
155 78.5 61.8 92.6  
157 102.5 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 49.527 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

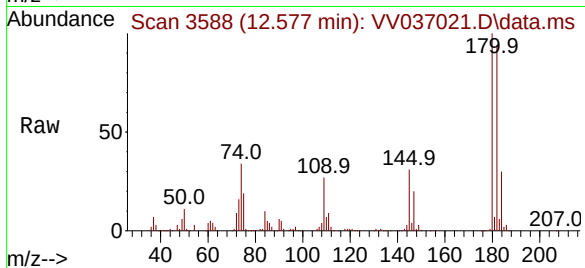
Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion:180 Resp: 342538

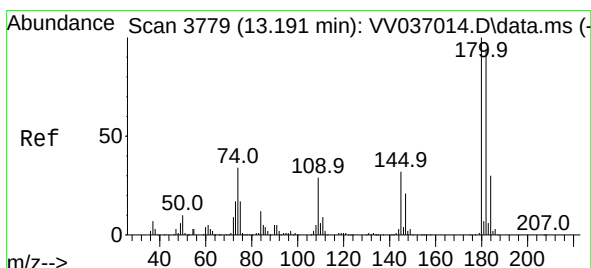
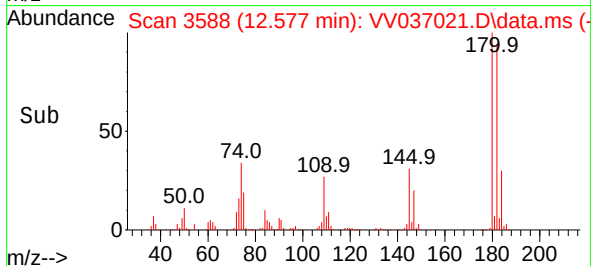
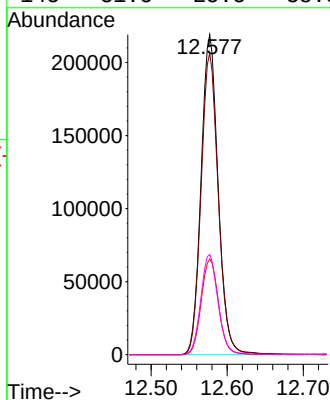
Ion Ratio Lower Upper

180 100

182 94.6 76.7 115.1

184 30.3 24.2 36.2

145 31.5 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 49.729 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

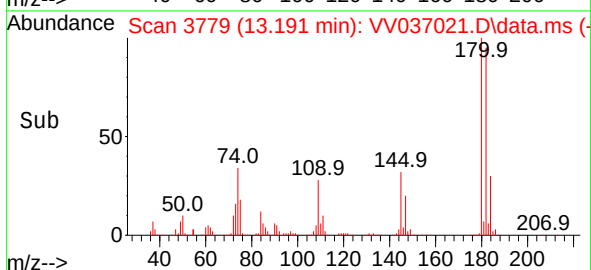
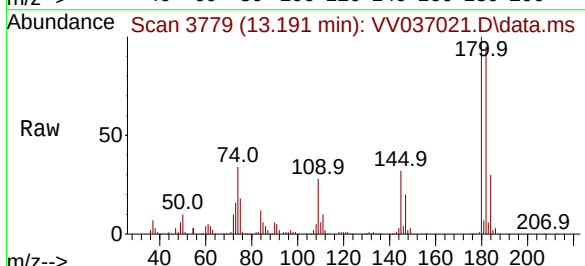
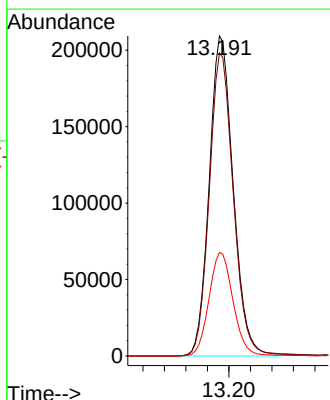
Tgt Ion:180 Resp: 323861

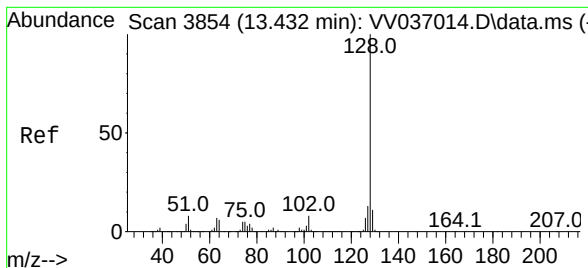
Ion Ratio Lower Upper

180 100

182 95.1 75.7 113.5

145 32.6 26.0 39.0





#71

Naphthalene

Concen: 53.321 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA\_V

ClientSampleId :

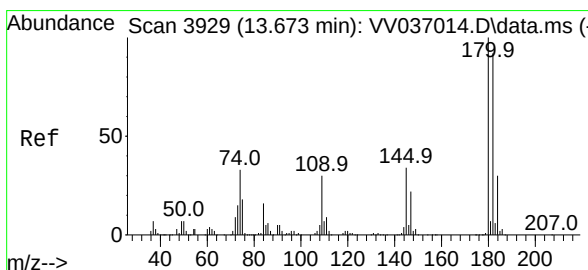
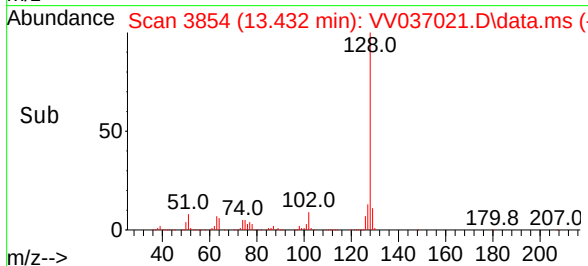
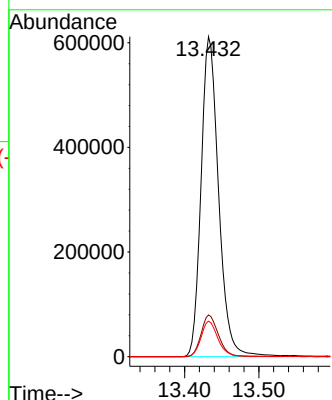
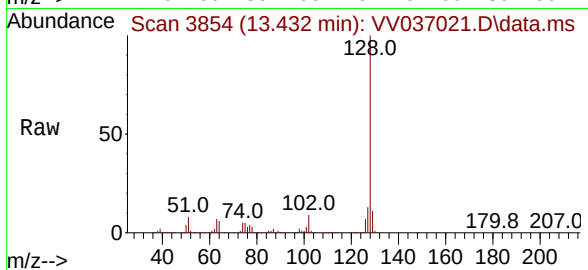
Tgt Ion:128 Resp: 1002730

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 50.538 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037021.D

Acq: 26 Aug 2024 12:50

Tgt Ion:180 Resp: 324350

Ion Ratio Lower Upper

180 100

182 94.1 75.1 112.7

145 34.4 27.0 40.4

