

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW062322\  
 Data File : VW026505.D  
 Acq On : 23 Jun 2022 10:49  
 Operator : SY/MD  
 Sample : VSTD00174  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD001274

Quant Time: Jun 24 00:01:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR062322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 24 00:00:05 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 5.622  | 114  | 215350   | 5.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117  | 198284   | 5.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152  | 89010    | 5.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) Vinyl Chloride-d3          | 1.317  | 65   | 17696    | 0.977 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.580  | 69   | 13997    | 0.967 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.121  | 63   | 30113    | 0.953 | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 3.957  | 46   | 4364     | 2.383 | ug/L   | 0.04     |
| 24) Chloroform-d              | 4.362  | 84   | 27580    | 1.010 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.050  | 65   | 10250    | 0.905 | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.063  | 84   | 54089    | 1.015 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.079  | 67   | 14488    | 0.870 | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.320  | 98   | 44014    | 0.908 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.638  | 79   | 3074     | 0.647 | ug/L   | 0.01     |
| 46) 2-Hexanone-d5             | 8.104  | 63   | 10021    | 6.717 | ug/L   | 0.01     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84   | 9372     | 0.985 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152  | 14071    | 1.023 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.143  | 85   | 15378    | 0.958 | ug/L   | 98       |
| 3) Chloromethane              | 1.253  | 50   | 17346    | 0.978 | ug/L   | 96       |
| 5) Vinyl chloride             | 1.323  | 62   | 17890    | 0.970 | ug/L # | 36       |
| 6) Bromomethane               | 1.535  | 94   | 9348     | 0.917 | ug/L   | 95       |
| 8) Chloroethane               | 1.597  | 64   | 17579    | 1.495 | ug/L   | 85       |
| 9) Trichlorofluoromethane     | 1.764  | 101  | 24608    | 0.961 | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.130  | 101  | 14137    | 0.945 | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.130  | 96   | 13854    | 1.012 | ug/L   | 96       |
| 13) Acetone                   | 2.233  | 43   | 5590     | 4.533 | ug/L   | 96       |
| 14) Carbon disulfide          | 2.304  | 76   | 33802    | 0.991 | ug/L   | 97       |
| 15) Methyl Acetate            | 2.471  | 43   | 2571     | 0.810 | ug/L # | 74       |
| 16) Methylene chloride        | 2.519  | 84   | 14626    | 0.852 | ug/L   | 97       |
| 17) Methyl tert-butyl Ether   | 2.789  | 73   | 19679    | 0.859 | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 2.773  | 96   | 13383    | 0.999 | ug/L   | 91       |
| 19) 1,1-Dichloroethane        | 3.204  | 63   | 24255    | 0.965 | ug/L   | 96       |
| 21) 2-Butanone                | 4.166  | 43   | 369      | 0.209 | ug/L   | 79       |
| 22) cis-1,2-Dichloroethene    | 3.931  | 96   | 13018    | 0.964 | ug/L   | 96       |
| 23) Bromochloromethane        | 4.268  | 128  | 5281     | 0.937 | ug/L   | 95       |
| 25) Chloroform                | 4.391  | 83   | 26400    | 0.969 | ug/L   | 97       |
| 27) 1,2-Dichloroethane        | 5.149  | 62   | 11199    | 0.910 | ug/L   | 99       |
| 29) 1,1,1-Trichloroethane     | 4.619  | 97   | 22390    | 1.001 | ug/L   | 97       |
| 30) Cyclohexane               | 4.686  | 56   | 15931    | 0.937 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 4.838  | 117  | 18078    | 0.953 | ug/L   | 98       |
| 33) Benzene                   | 5.108  | 78   | 50907    | 0.976 | ug/L   | 100      |
| 34) Trichloroethene           | 5.924  | 95   | 13801    | 0.976 | ug/L   | 94       |
| 35) Methylcyclohexane         | 6.133  | 83   | 17238    | 0.859 | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 6.182  | 63   | 12345    | 0.929 | ug/L   | 99       |
| 38) Bromodichloromethane      | 6.519  | 83   | 14952    | 0.932 | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 7.040  | 75   | 9870     | 0.674 | ug/L   | 92       |
| 40) 4-Methyl-2-pentanone      | 7.236  | 43   | 33588    | 7.077 | ug/L   | 98       |
| 42) Toluene                   | 7.394  | 91   | 48735    | 0.892 | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 7.664  | 75   | 7388     | 0.636 | ug/L   | 95       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW062322\  
 Data File : VW026505.D  
 Acq On : 23 Jun 2022 10:49  
 Operator : SY/MD  
 Sample : VSTD00174  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

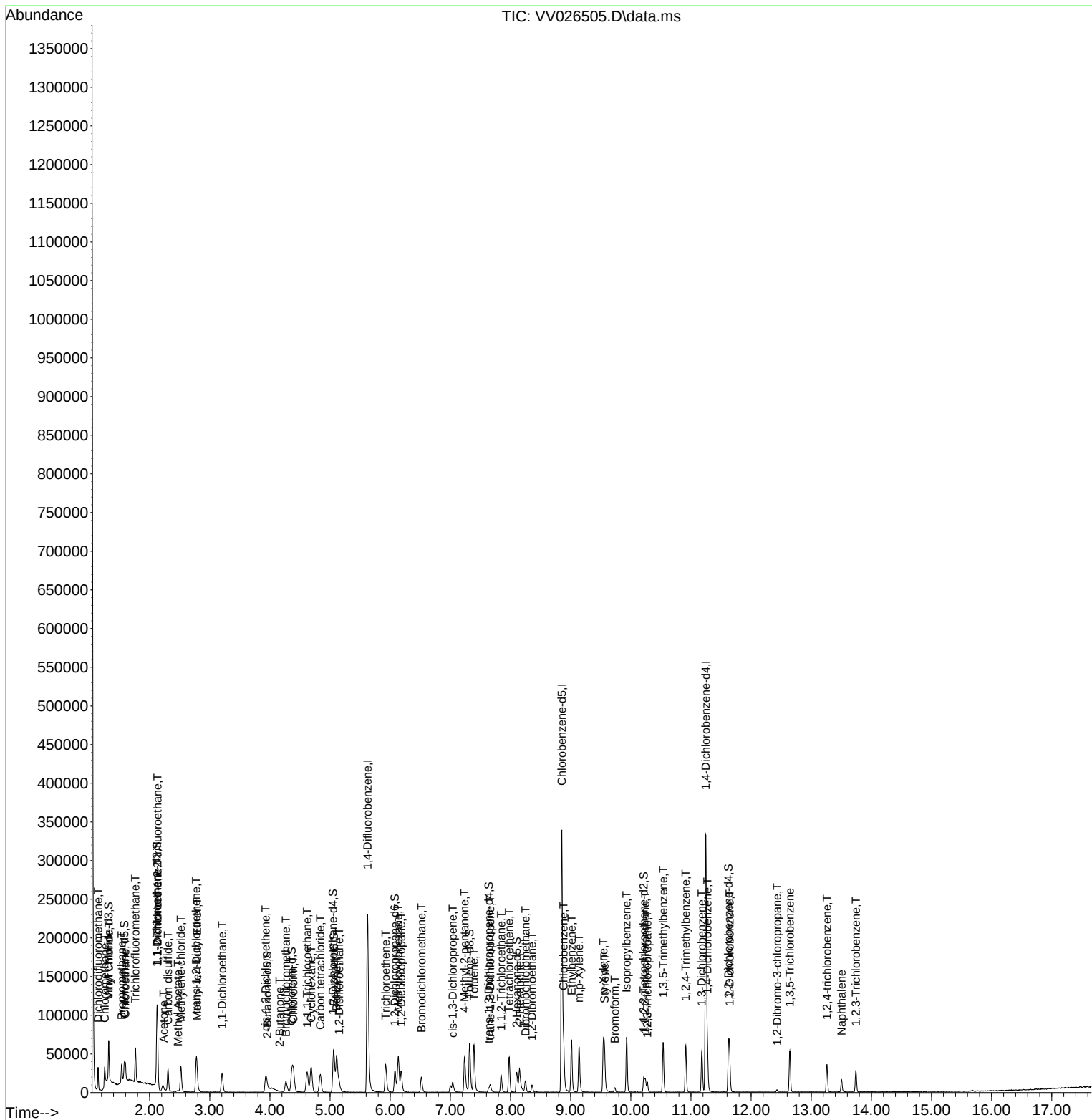
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD001274

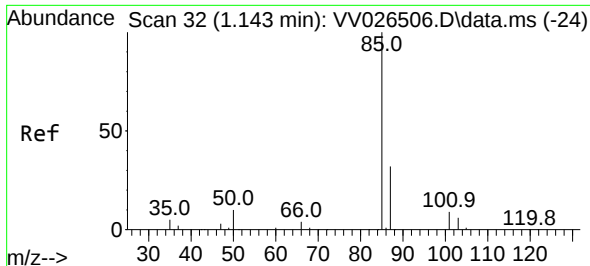
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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 24 00:00:05 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 45) 1,1,2-Trichloroethane     | 7.847  | 97   | 7555     | 0.868 | ug/L   | 94       |
| 47) Tetrachloroethene         | 7.979  | 164  | 11158    | 1.050 | ug/L   | 98       |
| 48) 2-Hexanone                | 8.149  | 43   | 20047    | 5.986 | ug/L   | 97       |
| 49) Dibromochloromethane      | 8.249  | 129  | 7282     | 0.775 | ug/L   | 94       |
| 50) 1,2-Dibromoethane         | 8.358  | 107  | 6474     | 0.868 | ug/L   | 97       |
| 51) Chlorobenzene             | 8.882  | 112  | 34509    | 0.970 | ug/L   | 98       |
| 52) Ethylbenzene              | 9.014  | 91   | 48820    | 0.885 | ug/L   | 98       |
| 53) m,p-Xylene                | 9.140  | 106  | 17931    | 0.829 | ug/L   | 97       |
| 54) o-Xylene                  | 9.545  | 106  | 17358    | 0.839 | ug/L   | 98       |
| 55) Styrene                   | 9.564  | 104  | 26031    | 0.749 | ug/L   | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 10.243 | 83   | 8501     | 0.941 | ug/L   | 97       |
| 59) Bromoform                 | 9.734  | 173  | 2830     | 0.760 | ug/L # | 99       |
| 60) Isopropylbenzene          | 9.931  | 105  | 46433    | 0.947 | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 5540     | 0.968 | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 33814    | 0.867 | ug/L   | 93       |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 33001    | 0.854 | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 24141    | 1.009 | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 23445    | 0.969 | ug/L   | 96       |
| 67) 1,2-Dichlorobenzene       | 11.644 | 146  | 20218    | 0.966 | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 12.432 | 75   | 838      | 0.845 | ug/L   | 95       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 17386    | 1.014 | ug/L   | 96       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 11252    | 0.891 | ug/L   | 97       |
| 71) Naphthalene               | 13.506 | 128  | 13716    | 0.795 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 8833     | 0.845 | ug/L   | 96       |
| -----                         |        |      |          |       |        |          |

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

Quant Time: Jun 24 00:01:19 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR062322WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Jun 24 00:00:05 2022  
Response via : Initial Calibration

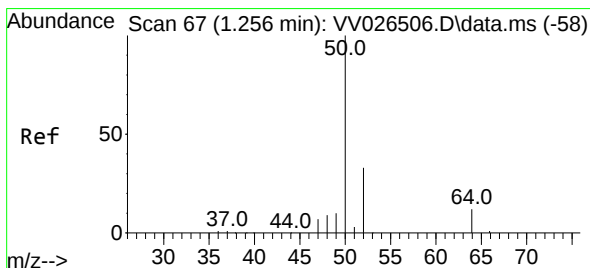
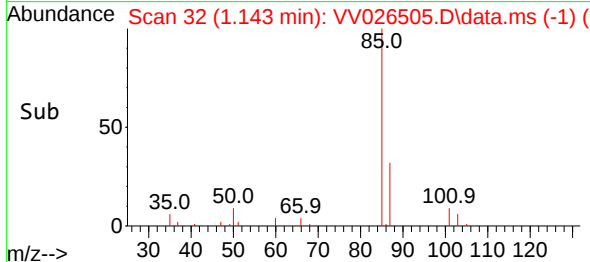
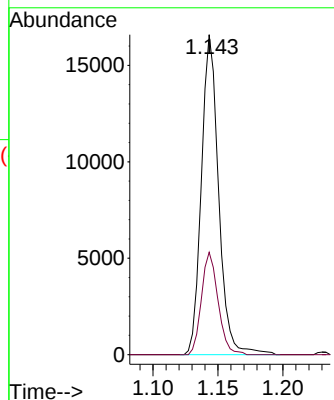
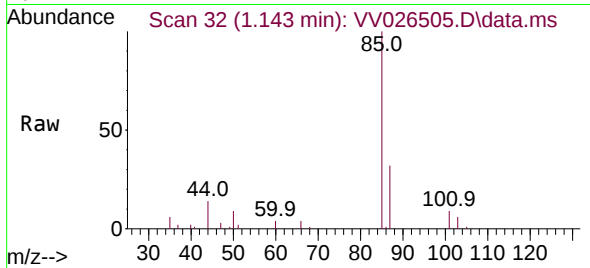




#2  
 Dichlorodifluoromethane  
 Concen: 0.958 ug/L  
 RT: 1.143 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VV026505.D  
 Acq: 23 Jun 2022 10:49

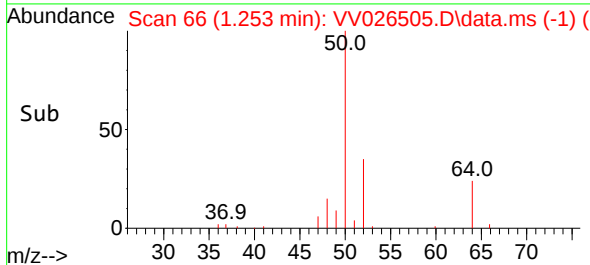
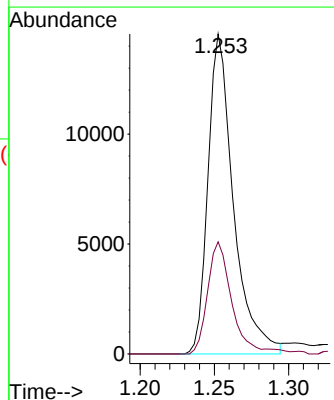
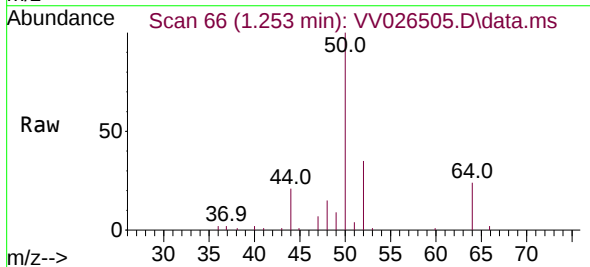
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD001274

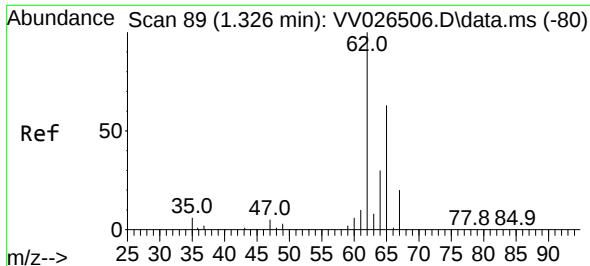
Tgt Ion: 85 Resp: 15378  
 Ion Ratio Lower Upper  
 85 100  
 87 30.7 25.6 38.4



#3  
 Chloromethane  
 Concen: 0.978 ug/L  
 RT: 1.253 min Scan# 66  
 Delta R.T. -0.003 min  
 Lab File: VV026505.D  
 Acq: 23 Jun 2022 10:49

Tgt Ion: 50 Resp: 17346  
 Ion Ratio Lower Upper  
 50 100  
 52 35.1 23.0 42.6

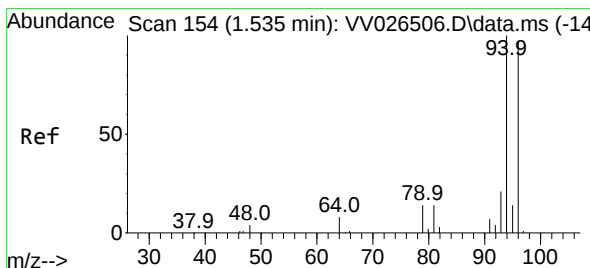
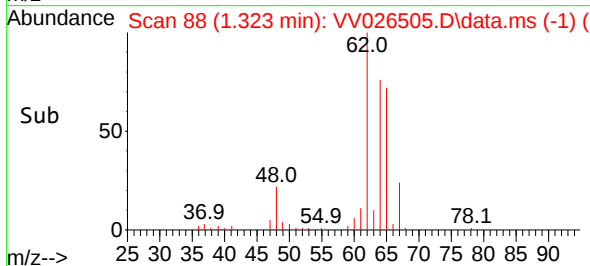
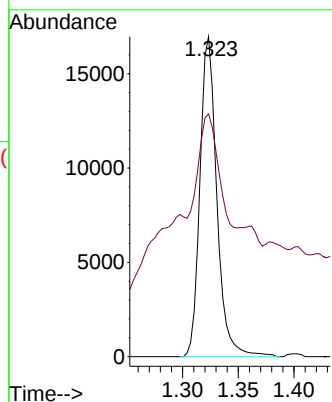
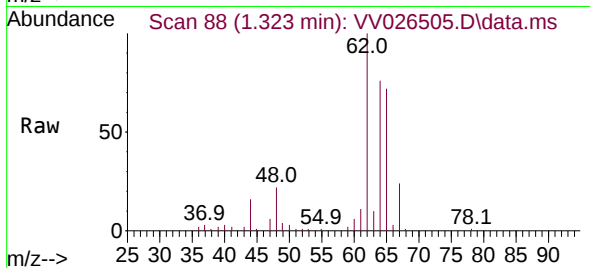




#5  
 Vinyl chloride  
 Concen: 0.970 ug/L  
 RT: 1.323 min Scan# 89  
 Delta R.T. -0.003 min  
 Lab File: VV026505.D  
 Acq: 23 Jun 2022 10:49

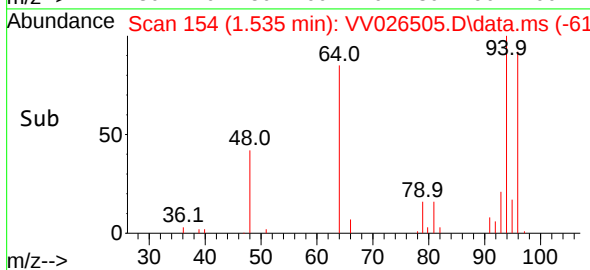
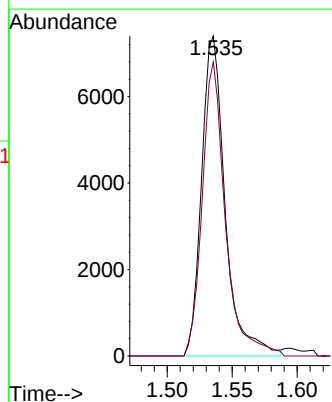
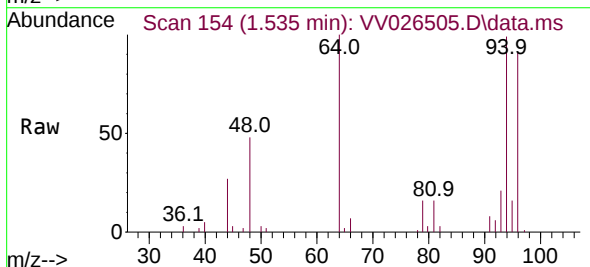
Instrument :  
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 ClientSampleId :  
 VSTD001274

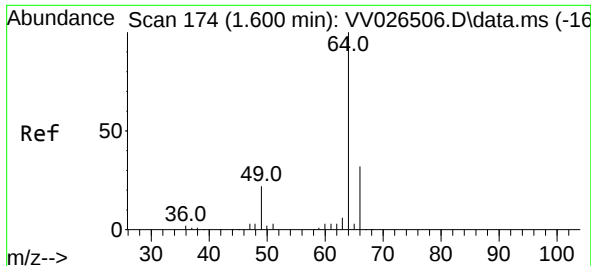
Tgt Ion: 62 Resp: 17890  
 Ion Ratio Lower Upper  
 62 100  
 64 75.9 26.2 48.6#



#6  
 Bromomethane  
 Concen: 0.917 ug/L  
 RT: 1.535 min Scan# 154  
 Delta R.T. 0.000 min  
 Lab File: VV026505.D  
 Acq: 23 Jun 2022 10:49

Tgt Ion: 94 Resp: 9348  
 Ion Ratio Lower Upper  
 94 100  
 96 91.8 68.0 126.2

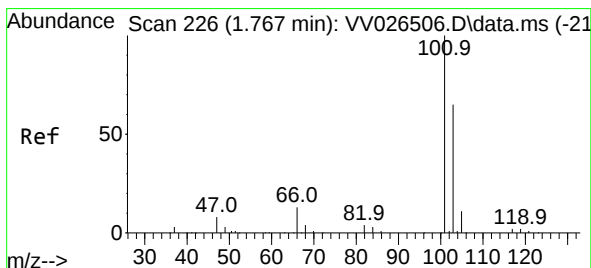
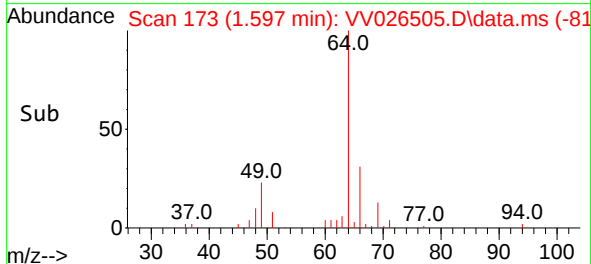
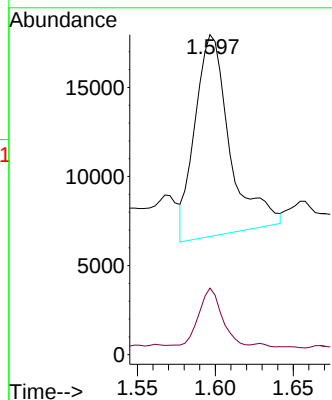
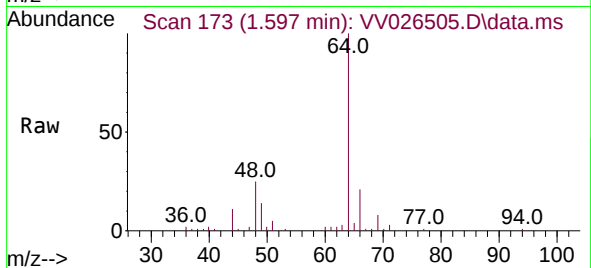




#8  
Chloroethane  
Concen: 1.495 ug/L  
RT: 1.597 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

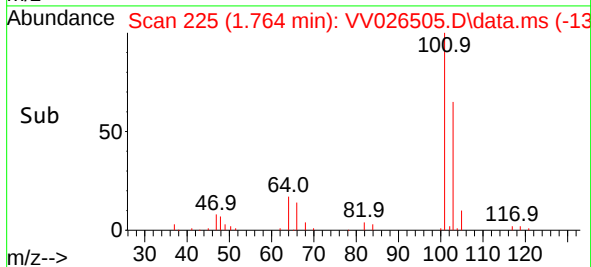
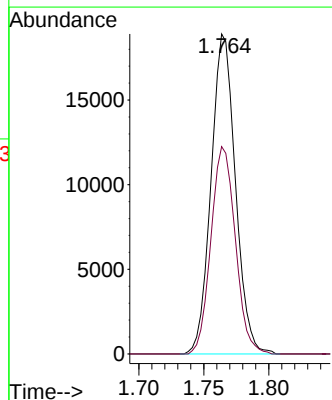
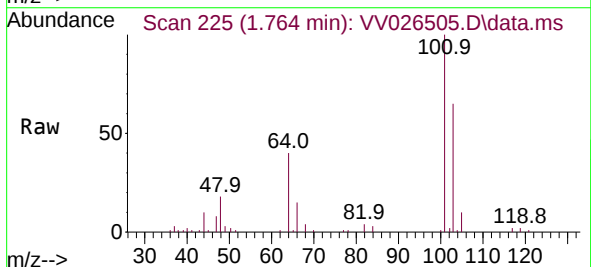
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD001274

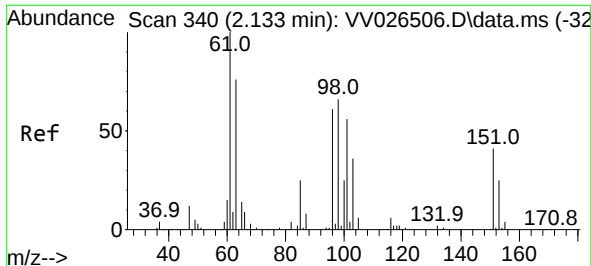
Tgt Ion: 64 Resp: 17579  
Ion Ratio Lower Upper  
64 100  
66 20.8 20.0 37.2



#9  
Trichlorofluoromethane  
Concen: 0.961 ug/L  
RT: 1.764 min Scan# 225  
Delta R.T. -0.003 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

Tgt Ion:101 Resp: 24608  
Ion Ratio Lower Upper  
101 100  
103 64.9 52.2 78.4

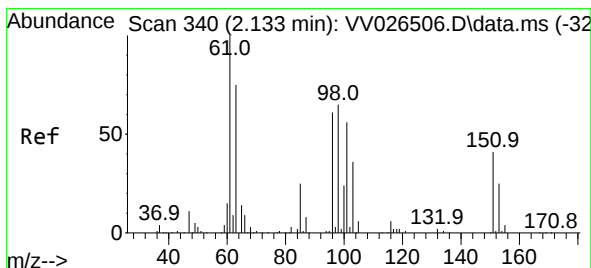
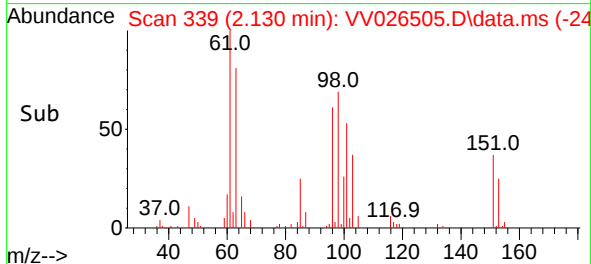
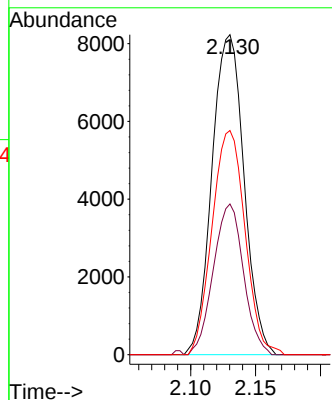
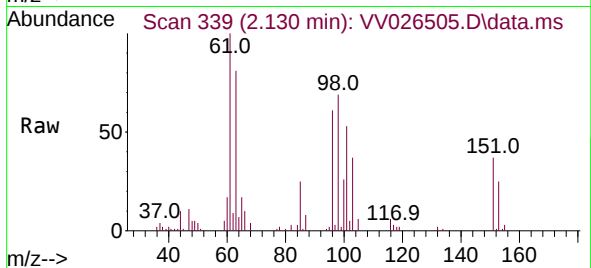




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.945 ug/L  
 RT: 2.130 min Scan# 339  
 Delta R.T. -0.003 min  
 Lab File: VV026505.D  
 Acq: 23 Jun 2022 10:49

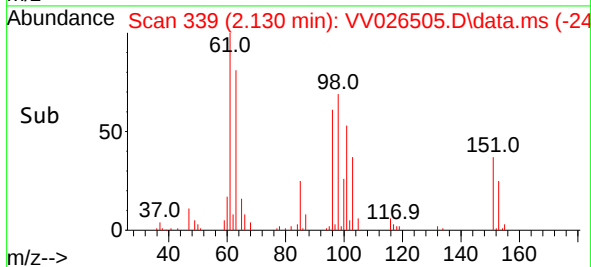
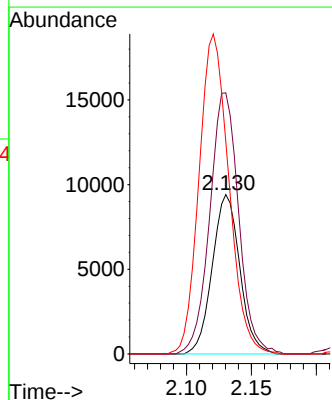
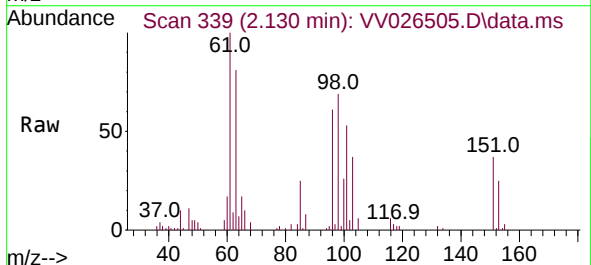
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD001274

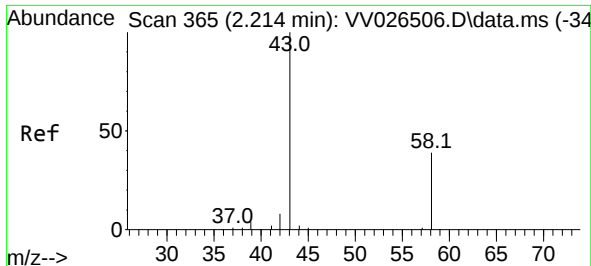
Tgt Ion:101 Resp: 14137  
 Ion Ratio Lower Upper  
 101 100  
 85 44.3 34.2 51.4  
 151 71.9 56.8 85.2



#12  
 1,1-Dichloroethene  
 Concen: 1.012 ug/L  
 RT: 2.130 min Scan# 339  
 Delta R.T. -0.003 min  
 Lab File: VV026505.D  
 Acq: 23 Jun 2022 10:49

Tgt Ion: 96 Resp: 13854  
 Ion Ratio Lower Upper  
 96 100  
 61 163.8 115.4 214.4  
 63 133.2 87.4 162.2





#13

Acetone

Concen: 4.533 ug/L

RT: 2.233 min Scan# 31

Delta R.T. 0.019 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

Instrument :

MSVOA\_V

ClientSampleId :

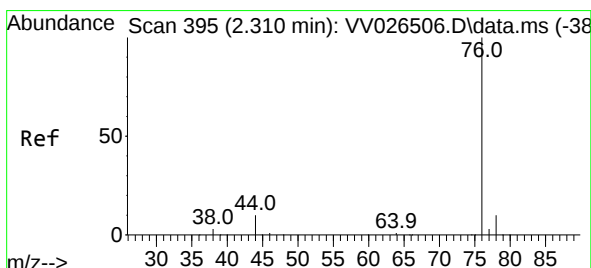
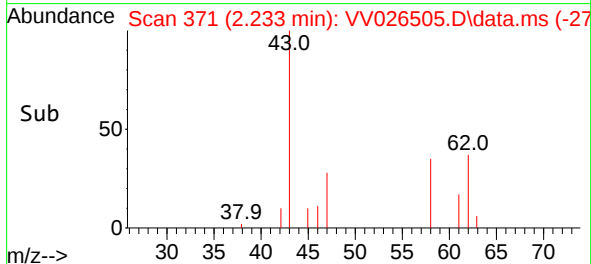
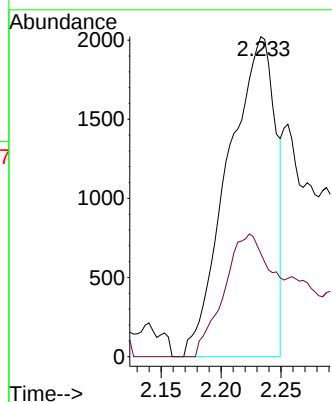
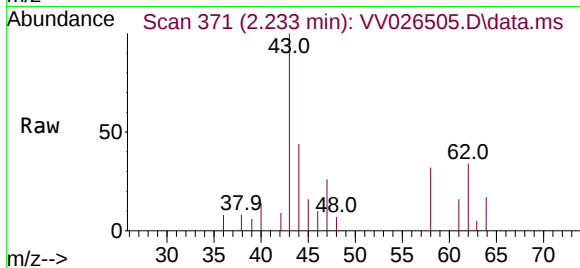
VSTD001274

Tgt Ion: 43 Resp: 5590

Ion Ratio Lower Upper

43 100

58 39.6 0.0 75.0



#14

Carbon disulfide

Concen: 0.991 ug/L

RT: 2.304 min Scan# 393

Delta R.T. -0.006 min

Lab File: VV026505.D

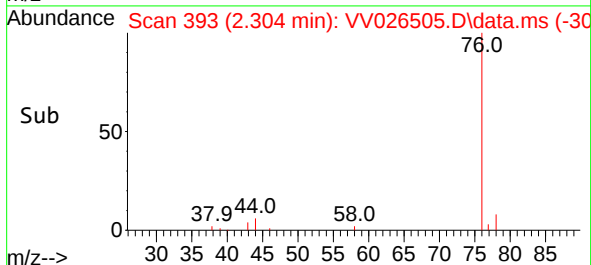
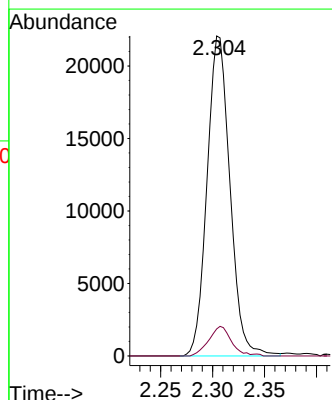
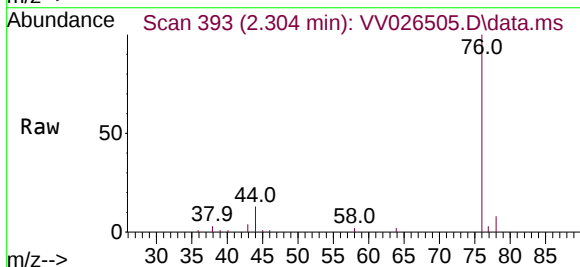
Acq: 23 Jun 2022 10:49

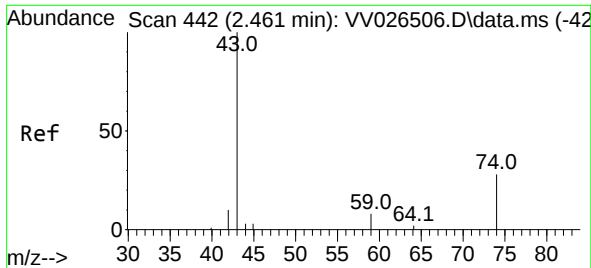
Tgt Ion: 76 Resp: 33802

Ion Ratio Lower Upper

76 100

78 8.4 7.8 11.6





#15

Methyl Acetate

Concen: 0.810 ug/L

RT: 2.471 min Scan# 44

Delta R.T. 0.010 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

Instrument :

MSVOA\_V

ClientSampleId :

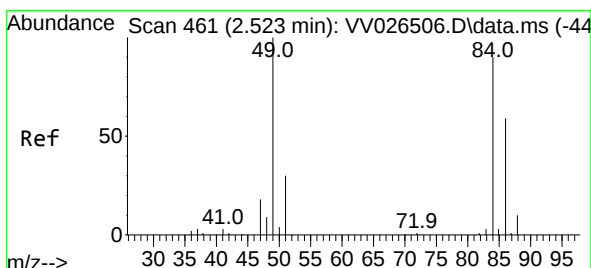
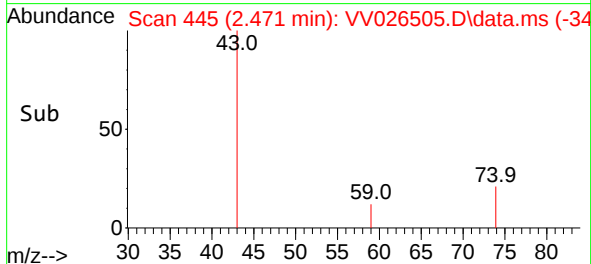
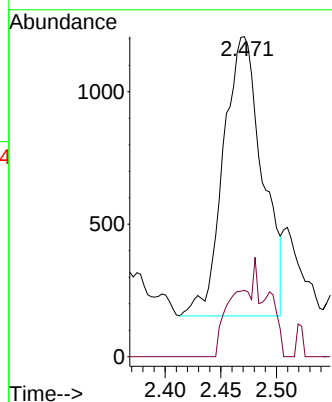
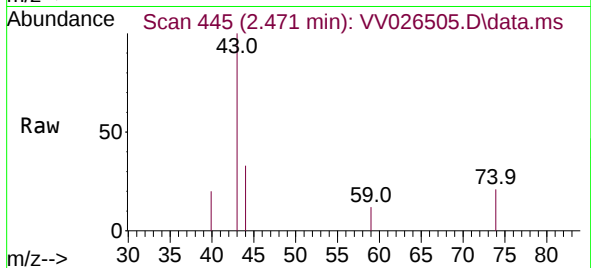
VSTD001274

Tgt Ion: 43 Resp: 2571

Ion Ratio Lower Upper

43 100

74 14.2 22.1 33.1#



#16

Methylene chloride

Concen: 0.852 ug/L

RT: 2.519 min Scan# 460

Delta R.T. -0.003 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

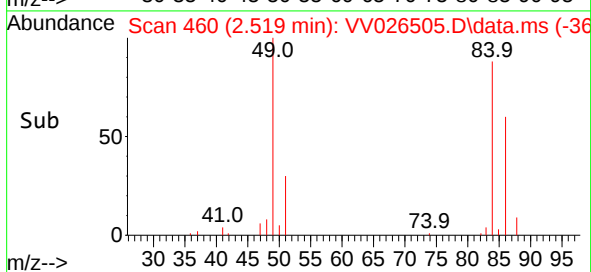
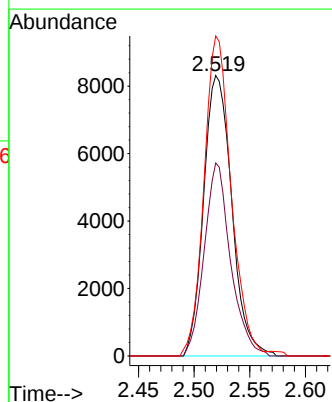
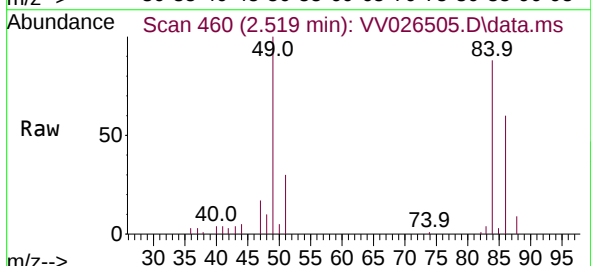
Tgt Ion: 84 Resp: 14626

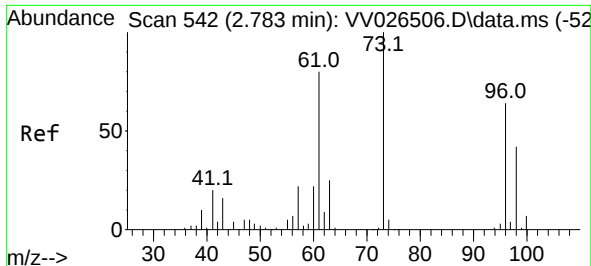
Ion Ratio Lower Upper

84 100

86 68.8 46.0 85.4

49 114.1 77.7 144.3

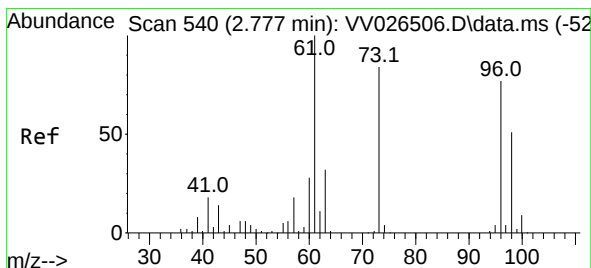
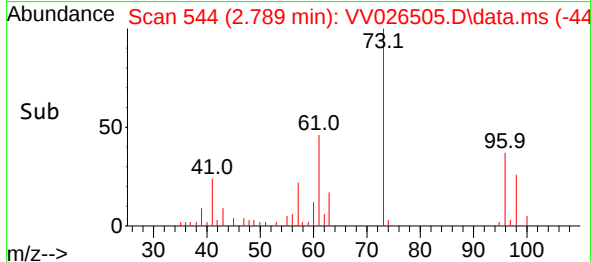
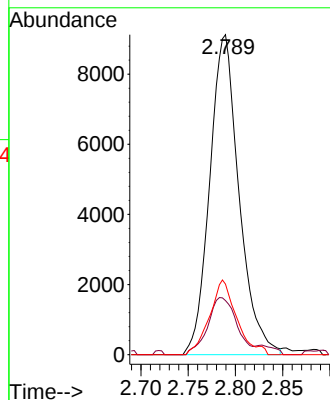
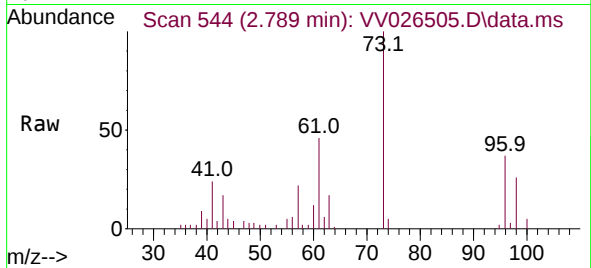




#17  
Methyl tert-butyl Ether  
Concen: 0.859 ug/L  
RT: 2.789 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

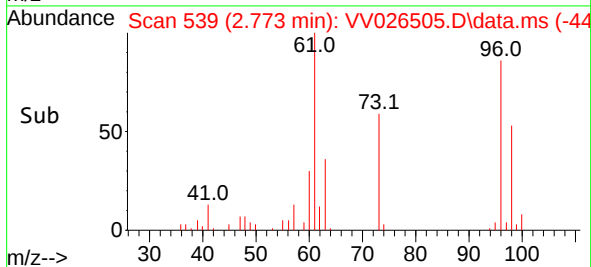
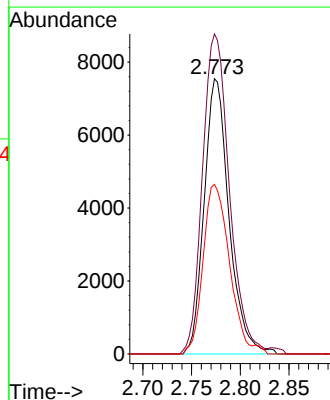
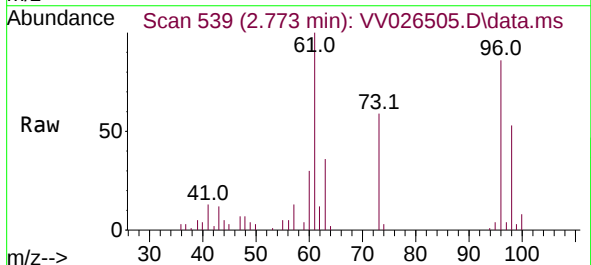
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD001274

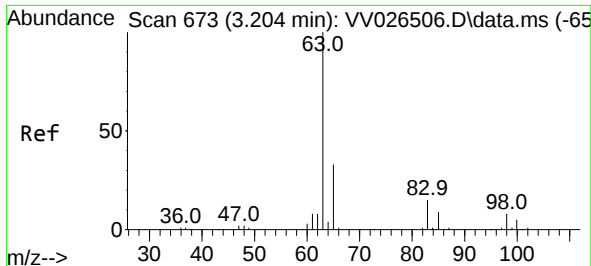
Tgt Ion: 73 Resp: 19679  
Ion Ratio Lower Upper  
73 100  
43 17.5 13.3 19.9  
57 21.5 17.2 25.8



#18  
trans-1,2-Dichloroethene  
Concen: 0.999 ug/L  
RT: 2.773 min Scan# 539  
Delta R.T. -0.003 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

Tgt Ion: 96 Resp: 13383  
Ion Ratio Lower Upper  
96 100  
61 116.3 90.4 167.8  
98 61.6 45.6 84.8





#19

1,1-Dichloroethane

Concen: 0.965 ug/L

RT: 3.204 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

Instrument :

MSVOA\_V

ClientSampleId :

VSTD001274

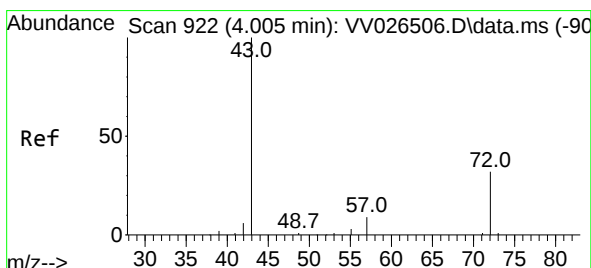
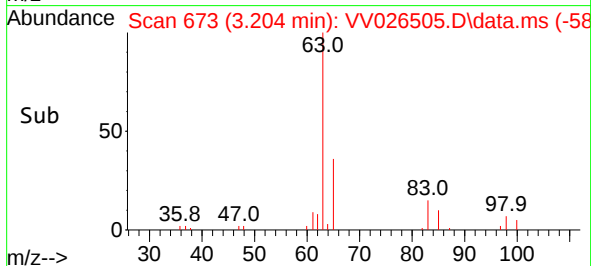
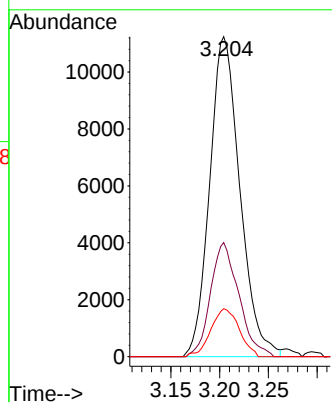
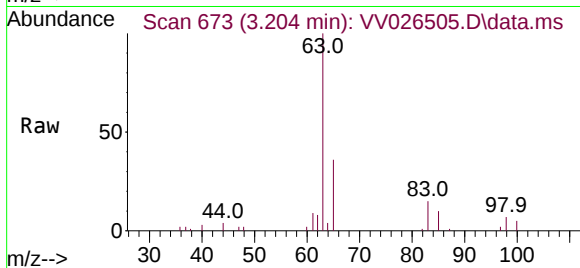
Tgt Ion: 63 Resp: 24255

Ion Ratio Lower Upper

63 100

65 35.7 23.0 42.6

83 15.0 10.2 19.0



#21

2-Butanone

Concen: 0.209 ug/L

RT: 4.166 min Scan# 972

Delta R.T. 0.161 min

Lab File: VV026505.D

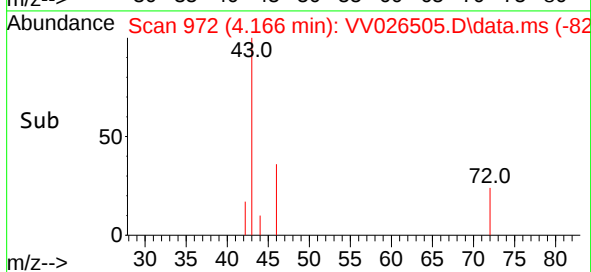
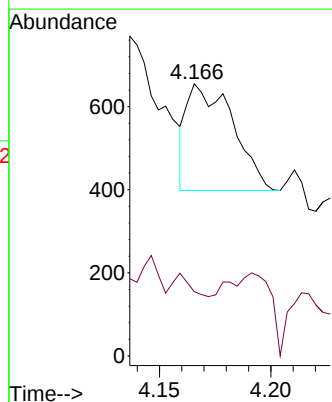
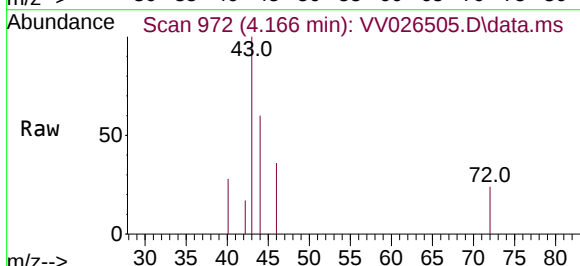
Acq: 23 Jun 2022 10:49

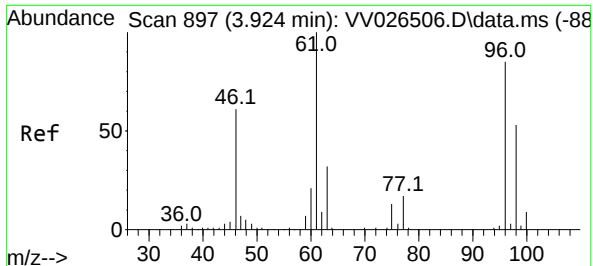
Tgt Ion: 43 Resp: 369

Ion Ratio Lower Upper

43 100

72 16.3 13.5 40.5

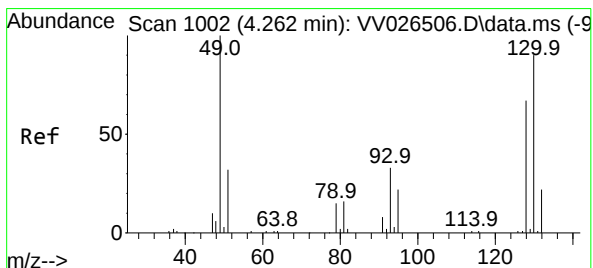
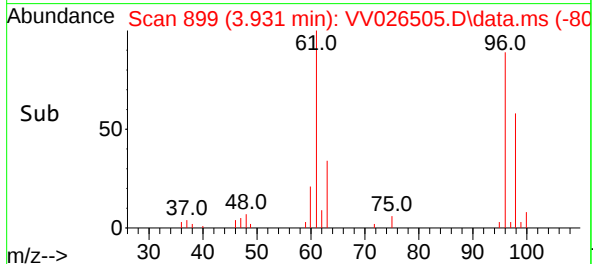
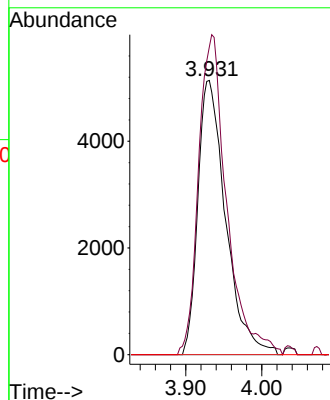
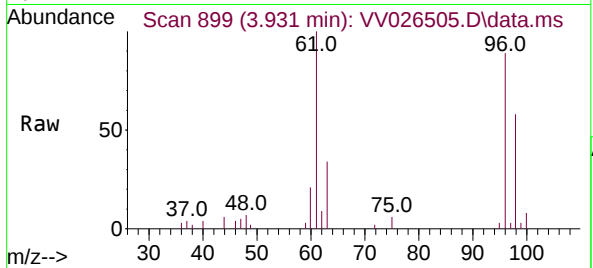




#22  
cis-1,2-Dichloroethene  
Concen: 0.964 ug/L  
RT: 3.931 min Scan# 899  
Delta R.T. 0.006 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

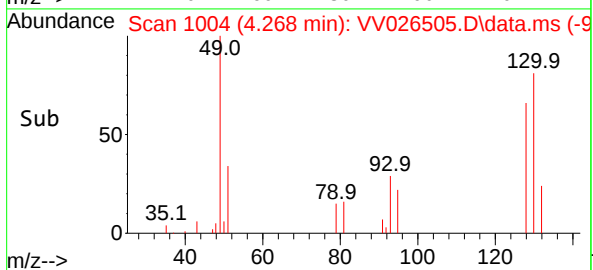
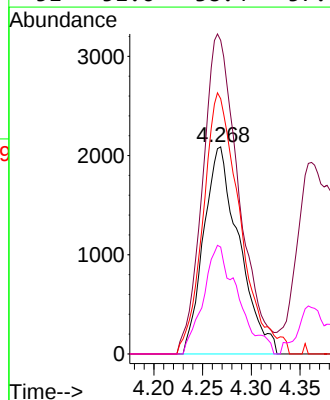
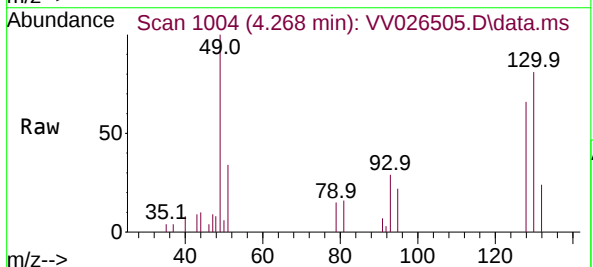
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD001274

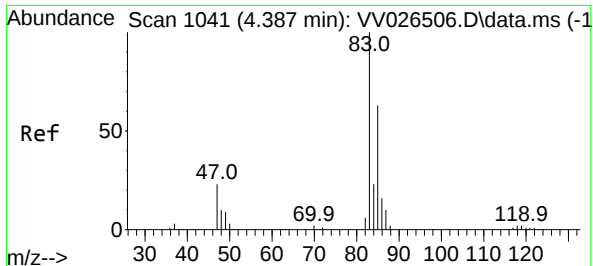
Tgt Ion: 96 Resp: 13018  
Ion Ratio Lower Upper  
96 100  
61 112.2 82.0 152.2  
68 0.0 0.0 0.0



#23  
Bromochloromethane  
Concen: 0.937 ug/L  
RT: 4.268 min Scan# 1004  
Delta R.T. 0.006 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

Tgt Ion: 128 Resp: 5281  
Ion Ratio Lower Upper  
128 100  
49 151.4 104.0 193.1  
130 123.2 93.4 173.6  
51 51.6 38.4 57.6

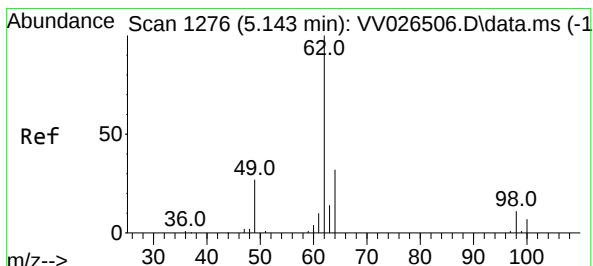
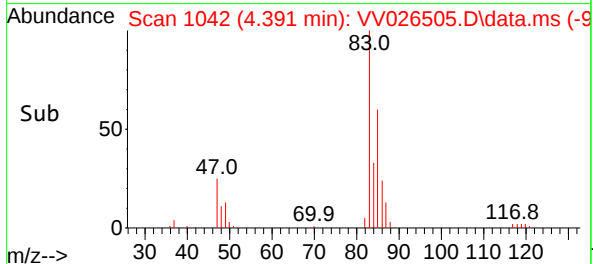
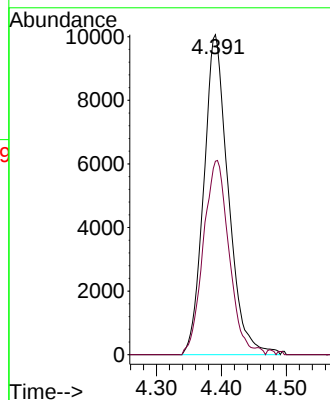
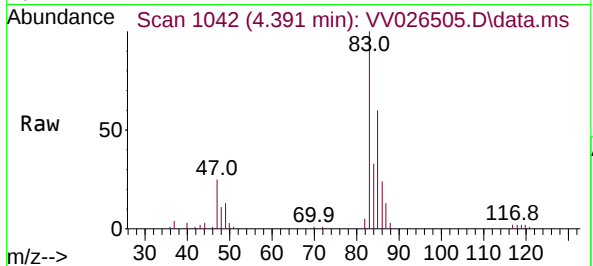




#25  
Chloroform  
Concen: 0.969 ug/L  
RT: 4.391 min Scan# 1041  
Delta R.T. 0.003 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

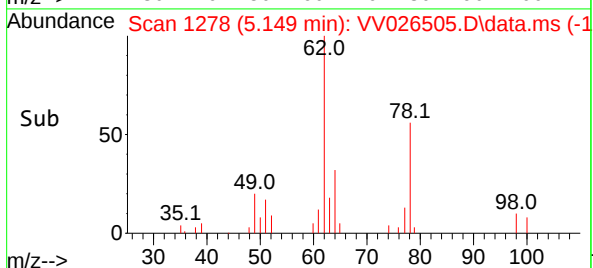
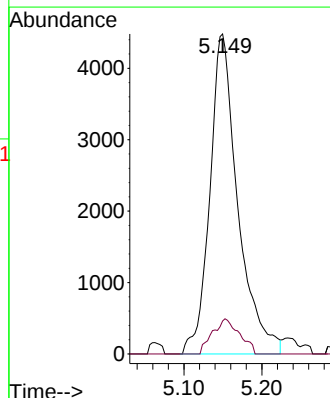
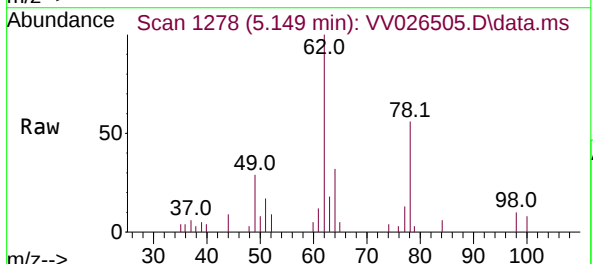
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD001274

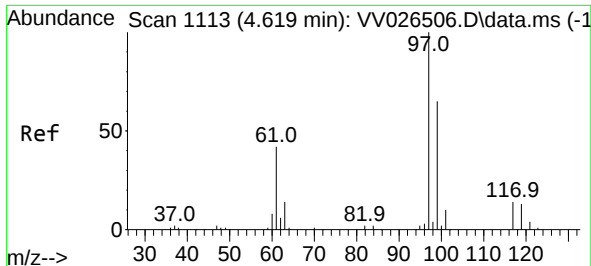
Tgt Ion: 83 Resp: 26400  
Ion Ratio Lower Upper  
83 100  
85 60.5 44.0 81.8



#27  
1,2-Dichloroethane  
Concen: 0.910 ug/L  
RT: 5.149 min Scan# 1278  
Delta R.T. 0.006 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

Tgt Ion: 62 Resp: 11199  
Ion Ratio Lower Upper  
62 100  
98 10.3 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 1.001 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.000 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

Instrument :

MSVOA\_V

ClientSampleId :

VSTD001274

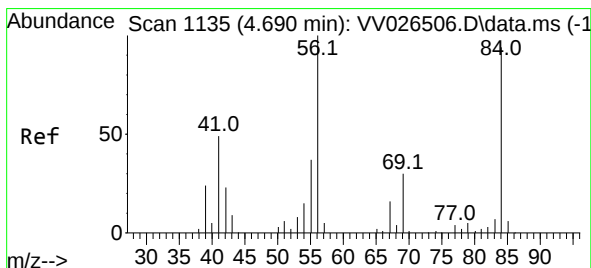
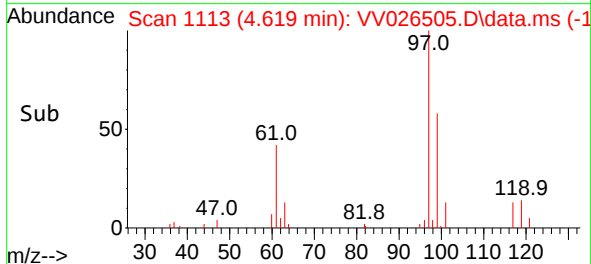
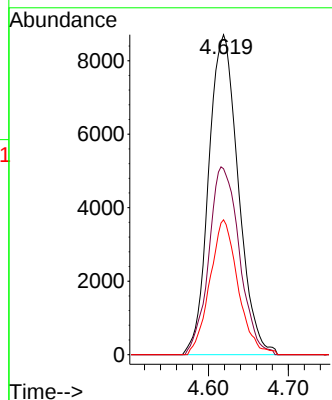
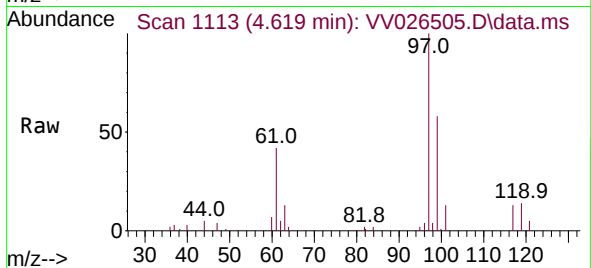
Tgt Ion: 97 Resp: 22390

Ion Ratio Lower Upper

97 100

99 60.6 51.0 76.4

61 40.2 33.0 49.4



#30

Cyclohexane

Concen: 0.937 ug/L

RT: 4.686 min Scan# 1134

Delta R.T. -0.003 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

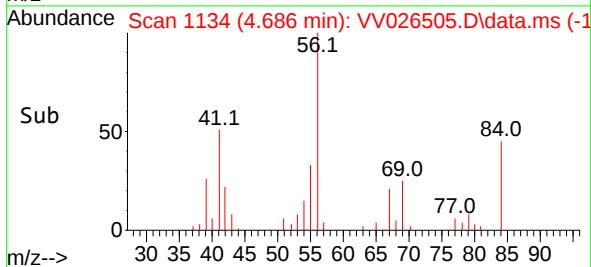
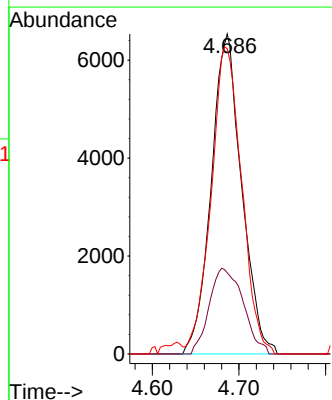
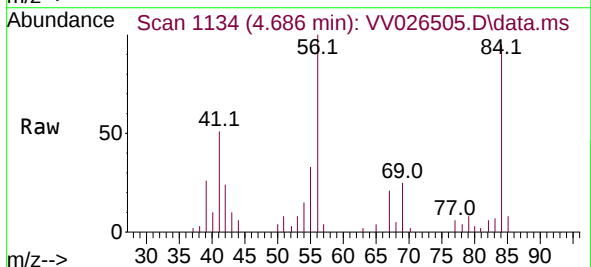
Tgt Ion: 56 Resp: 15931

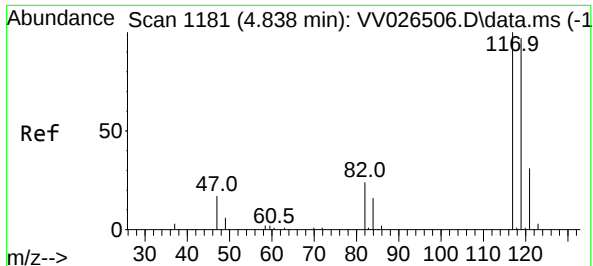
Ion Ratio Lower Upper

56 100

69 29.8 25.4 38.2

84 96.5 77.8 116.6

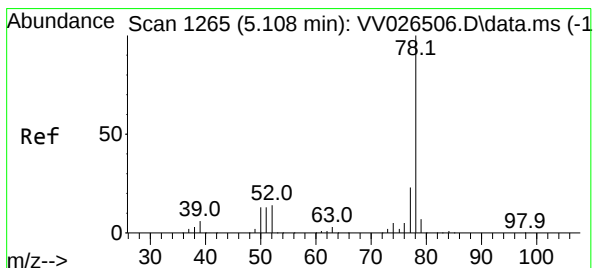
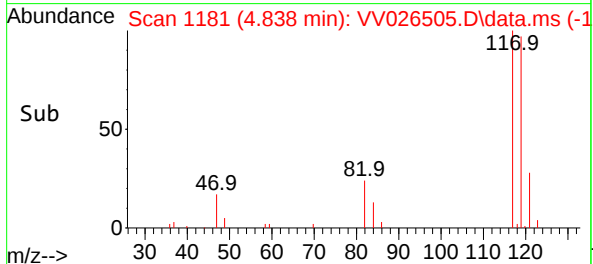
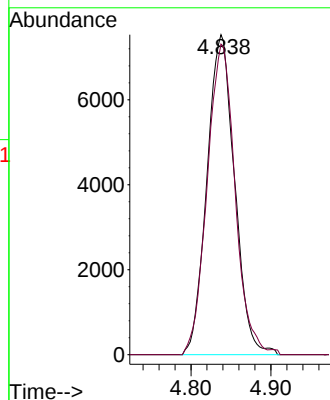
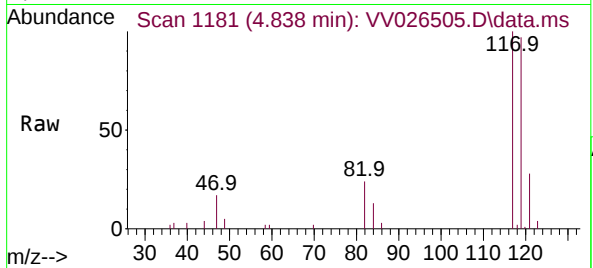




#31  
Carbon tetrachloride  
Concen: 0.953 ug/L  
RT: 4.838 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

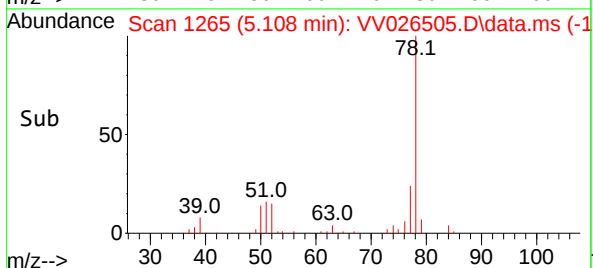
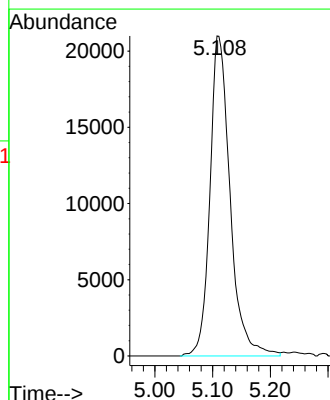
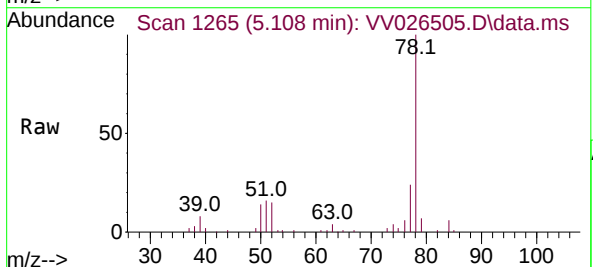
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD001274

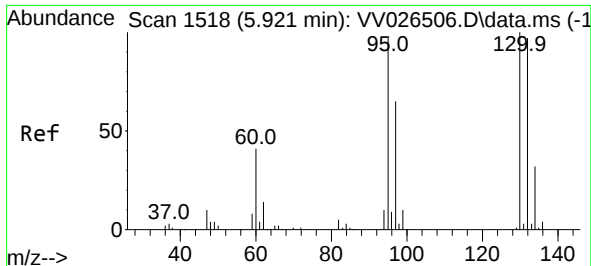
Tgt Ion:117 Resp: 18078  
Ion Ratio Lower Upper  
117 100  
119 97.8 76.9 115.3



#33  
Benzene  
Concen: 0.976 ug/L  
RT: 5.108 min Scan# 1265  
Delta R.T. 0.000 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

Tgt Ion: 78 Resp: 50907



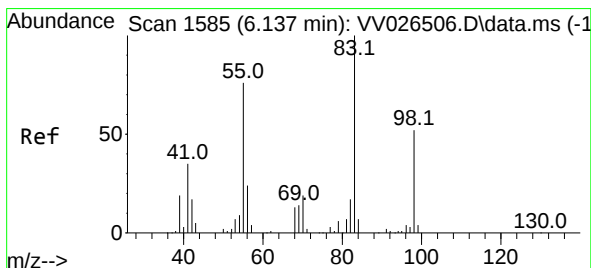
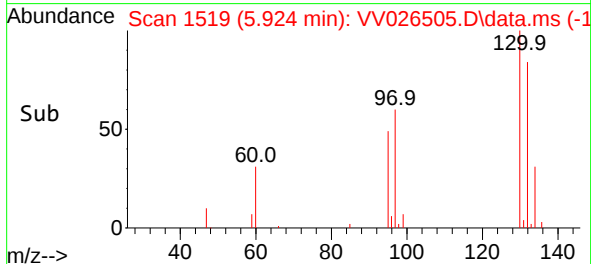
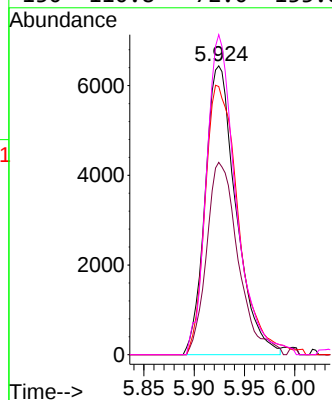
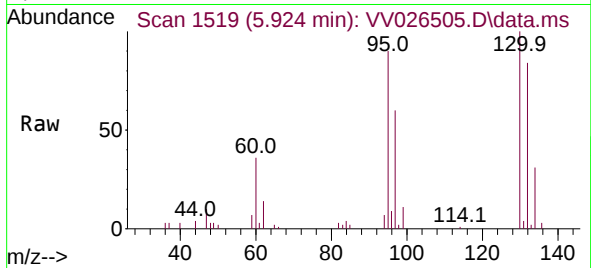


#34  
Trichloroethene  
Concen: 0.976 ug/L  
RT: 5.924 min Scan# 1519  
Delta R.T. 0.003 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD001274

Tgt Ion: 95 Resp: 13801

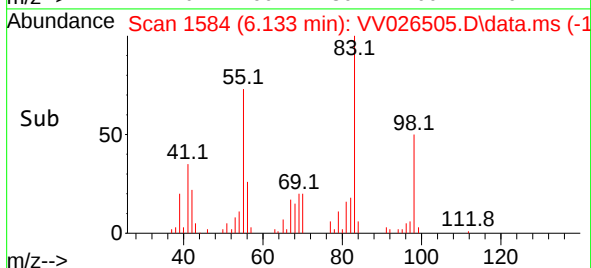
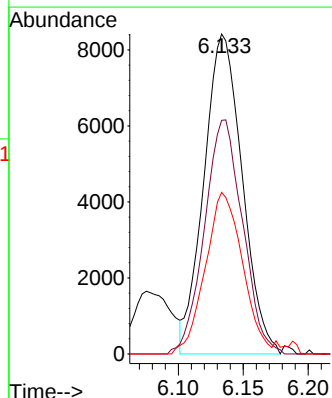
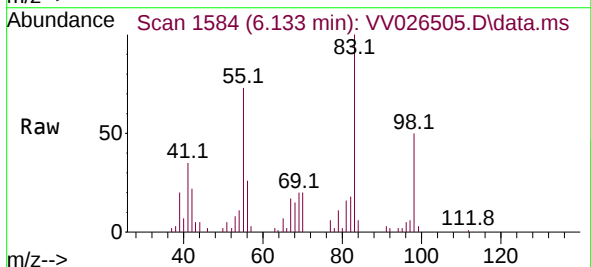
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 66.6  | 46.8  | 87.0  |
| 132 | 92.8  | 69.9  | 129.7 |
| 130 | 110.8 | 72.0  | 133.8 |

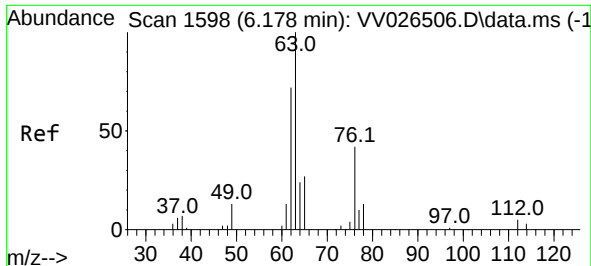


#35  
Methylcyclohexane  
Concen: 0.859 ug/L  
RT: 6.133 min Scan# 1584  
Delta R.T. -0.003 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

Tgt Ion: 83 Resp: 17238

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 73.0  | 57.0  | 85.4  |
| 98  | 49.1  | 39.8  | 59.8  |





#37

1,2-Dichloropropane

Concen: 0.929 ug/L

RT: 6.182 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

Instrument :

MSVOA\_V

ClientSampleId :

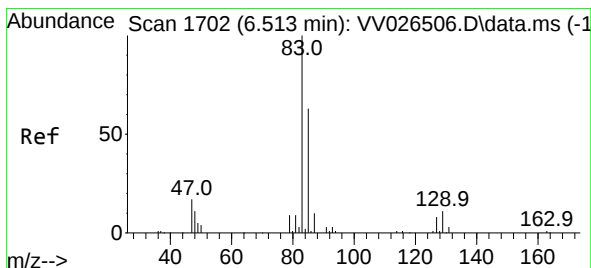
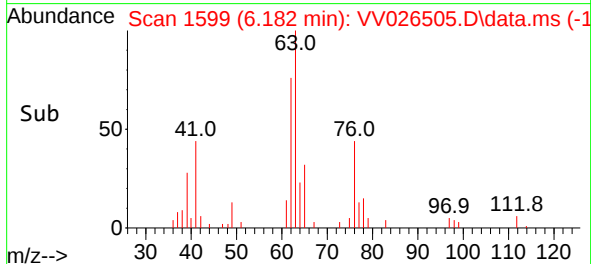
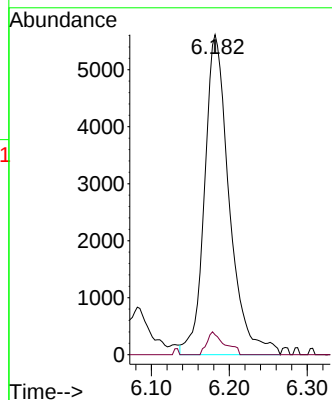
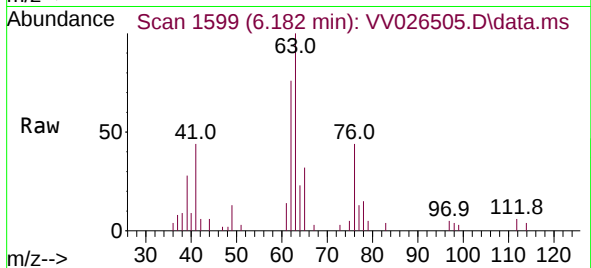
VSTD001274

Tgt Ion: 63 Resp: 12345

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.4



#38

Bromodichloromethane

Concen: 0.932 ug/L

RT: 6.519 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

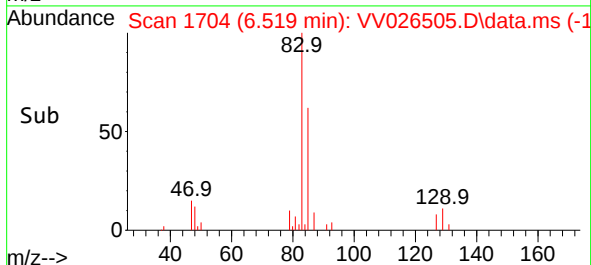
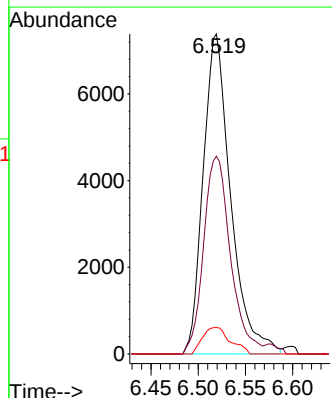
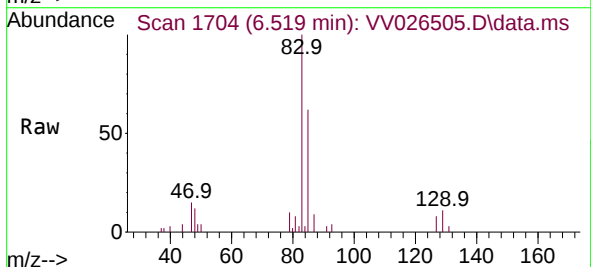
Tgt Ion: 83 Resp: 14952

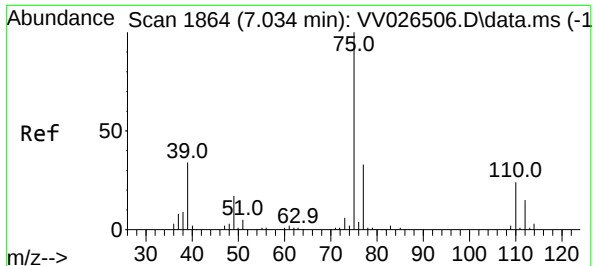
Ion Ratio Lower Upper

83 100

85 61.8 44.0 81.8

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 0.674 ug/L

RT: 7.040 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

Instrument :

MSVOA\_V

ClientSampleId :

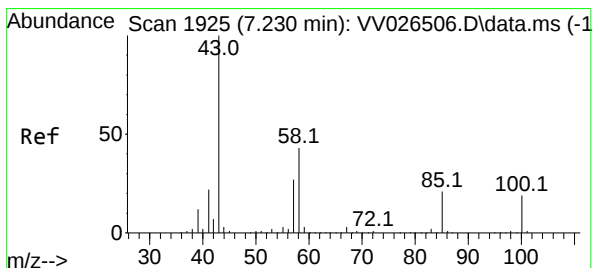
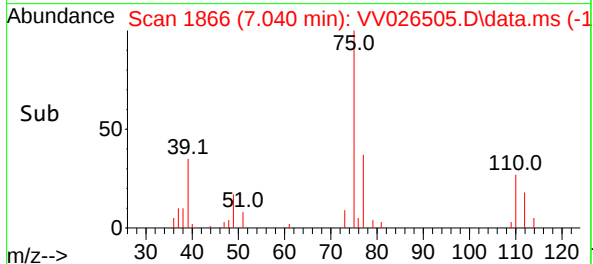
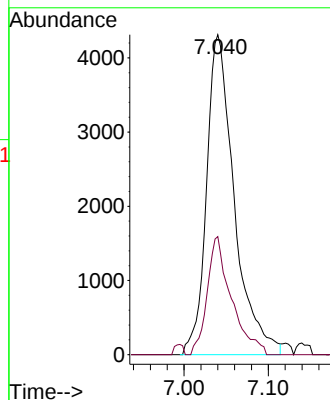
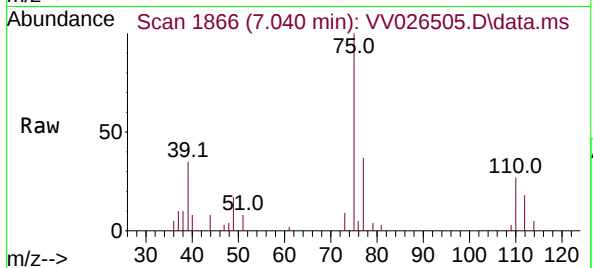
VSTD001274

Tgt Ion: 75 Resp: 9870

Ion Ratio Lower Upper

75 100

77 36.9 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 7.077 ug/L

RT: 7.236 min Scan# 1927

Delta R.T. 0.006 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

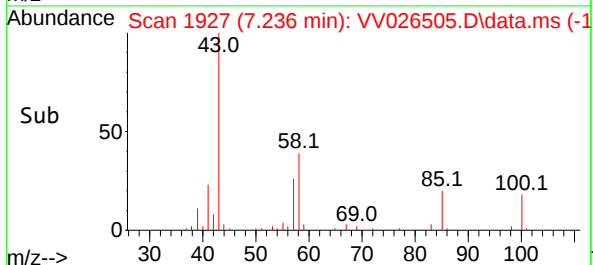
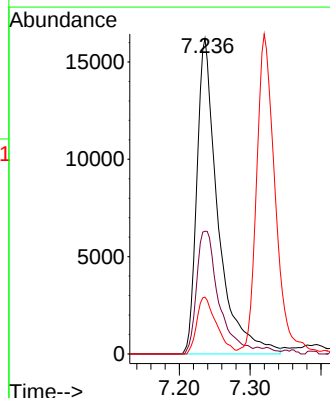
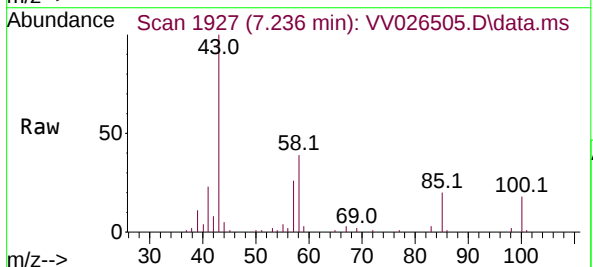
Tgt Ion: 43 Resp: 33588

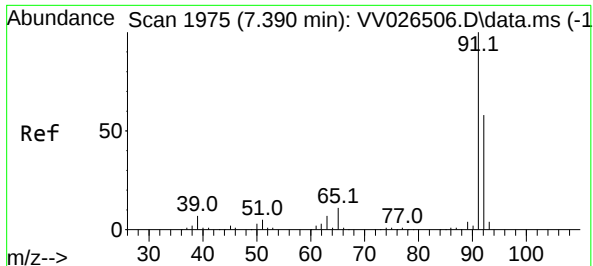
Ion Ratio Lower Upper

43 100

58 40.6 33.3 49.9

100 16.8 14.3 21.5

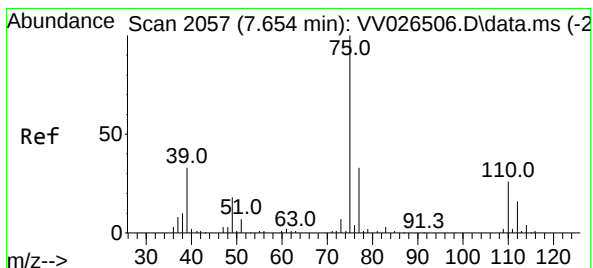
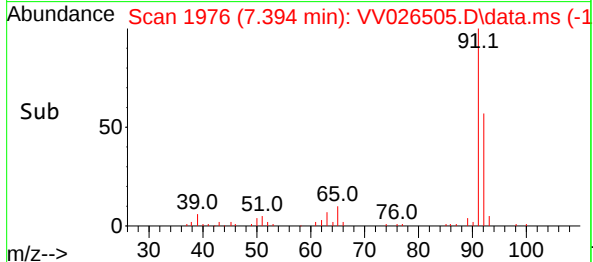
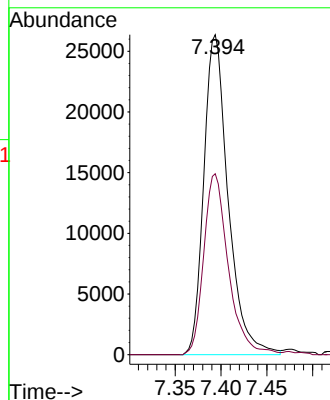
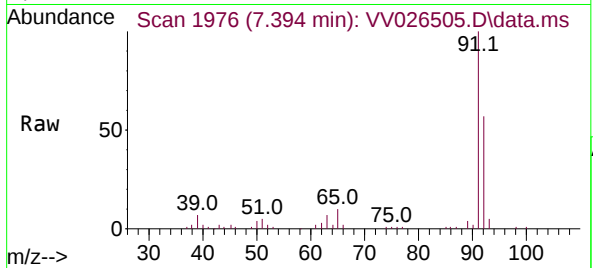




#42  
Toluene  
Concen: 0.892 ug/L  
RT: 7.394 min Scan# 1975  
Delta R.T. 0.003 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

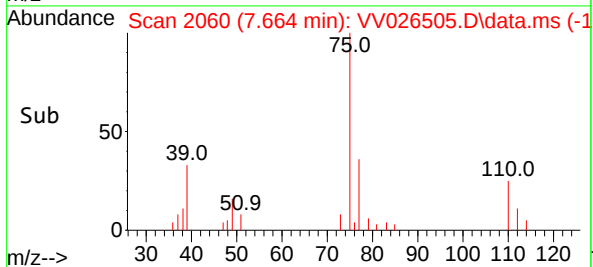
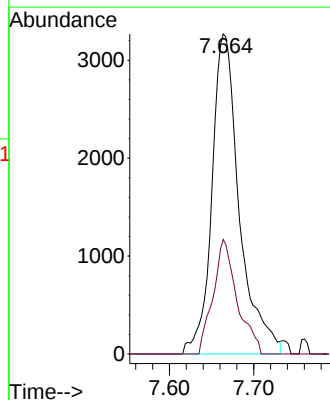
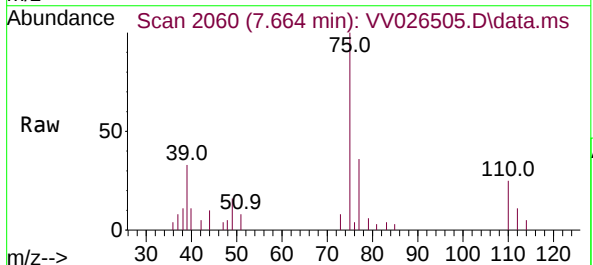
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD001274

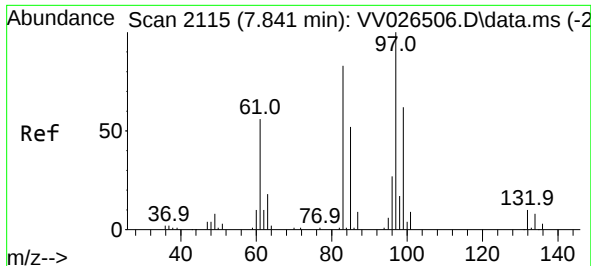
Tgt Ion: 91 Resp: 48735  
Ion Ratio Lower Upper  
91 100  
92 56.5 40.3 74.9



#44  
trans-1,3-Dichloropropene  
Concen: 0.636 ug/L  
RT: 7.664 min Scan# 2060  
Delta R.T. 0.010 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

Tgt Ion: 75 Resp: 7388  
Ion Ratio Lower Upper  
75 100  
77 35.7 23.1 42.9

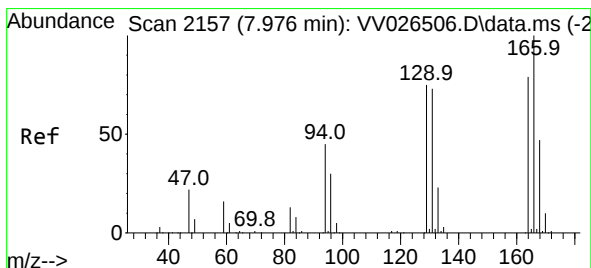
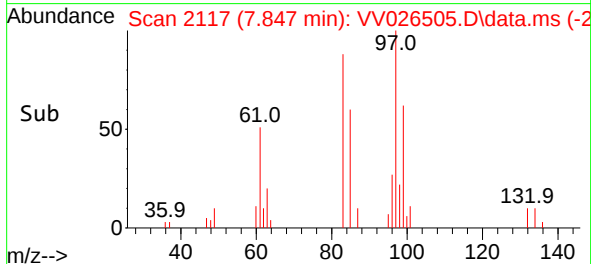
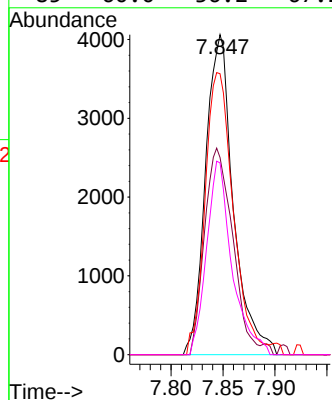
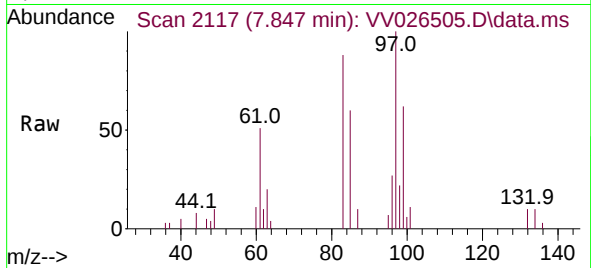




#45  
1,1,2-Trichloroethane  
Concen: 0.868 ug/L  
RT: 7.847 min Scan# 2115  
Delta R.T. 0.006 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

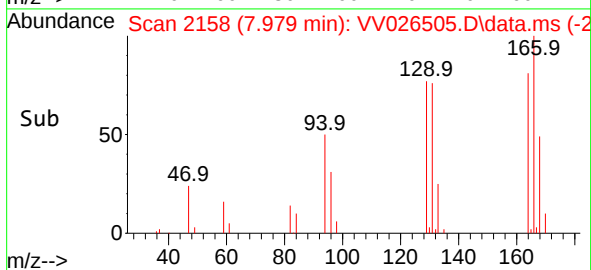
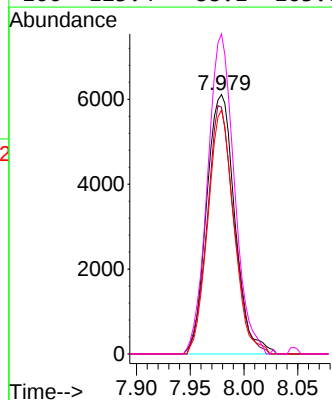
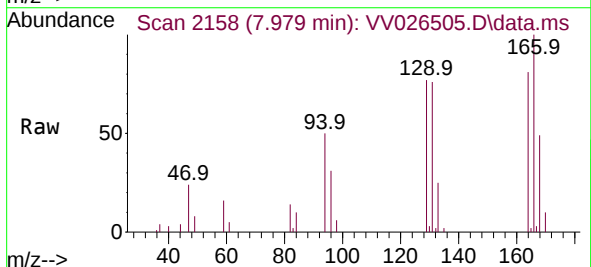
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD001274

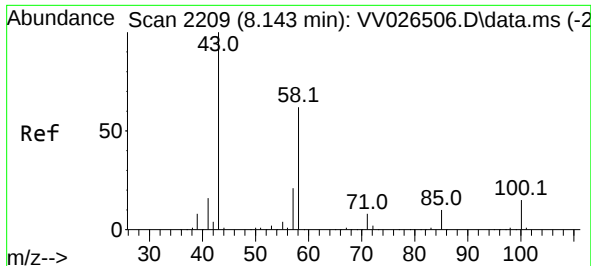
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 7555  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 99 61.6     | 43.4 80.6   |
| 83 87.8     | 58.0 107.8  |
| 85 60.0     | 36.2 67.2   |



#47  
Tetrachloroethene  
Concen: 1.050 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. 0.003 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:164 | Resp: | 11158 |
| Ion | Ratio   | Lower | Upper |
| 164 | 100     |       |       |
| 129 | 95.1    | 66.4  | 123.2 |
| 131 | 94.0    | 64.4  | 119.6 |
| 166 | 123.4   | 88.1  | 163.7 |

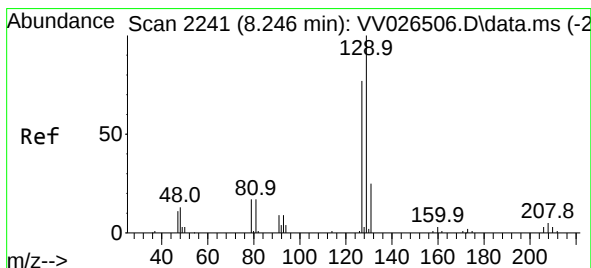
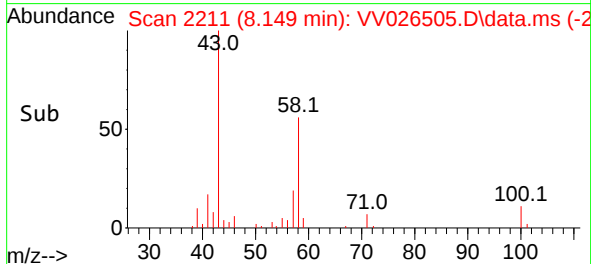
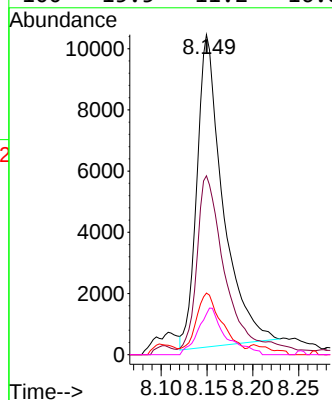
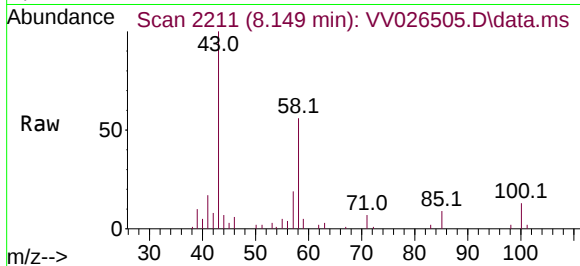




#48  
2-Hexanone  
Concen: 5.986 ug/L  
RT: 8.149 min Scan# 2111  
Delta R.T. 0.006 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

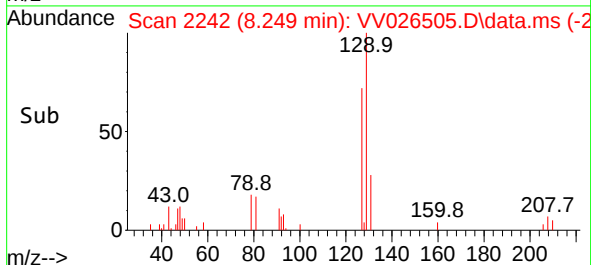
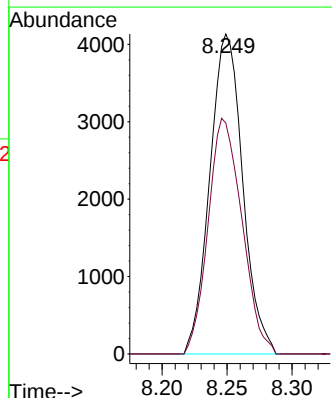
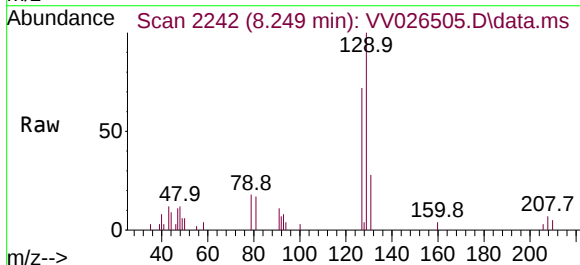
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD001274

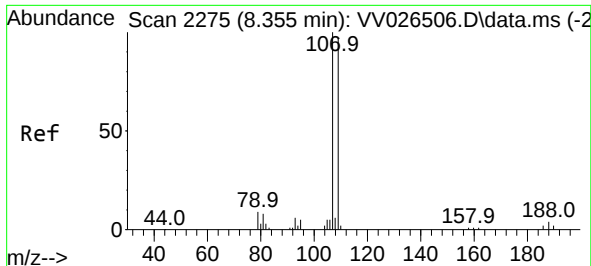
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 20047 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 62.0     | 47.8 71.6   |
| 57 20.3     | 15.0 22.6   |
| 100 15.5    | 11.2 16.8   |



#49  
Dibromochloromethane  
Concen: 0.775 ug/L  
RT: 8.249 min Scan# 2242  
Delta R.T. 0.003 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:129 | Resp: | 7282  |       |
| Ion         | Ratio | Lower | Upper |
| 129         | 100   |       |       |
| 127         | 72.2  | 54.2  | 100.6 |





#50

1,2-Dibromoethane

Concen: 0.868 ug/L

RT: 8.358 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

Instrument :

MSVOA\_V

ClientSampleId :

VSTD001274

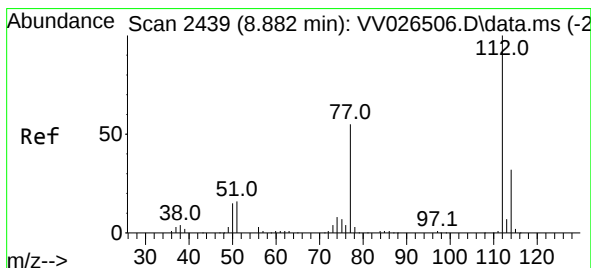
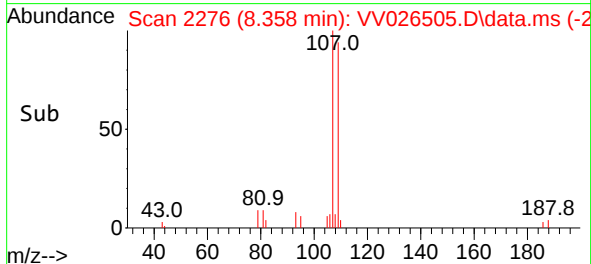
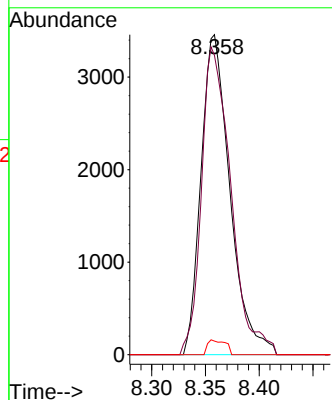
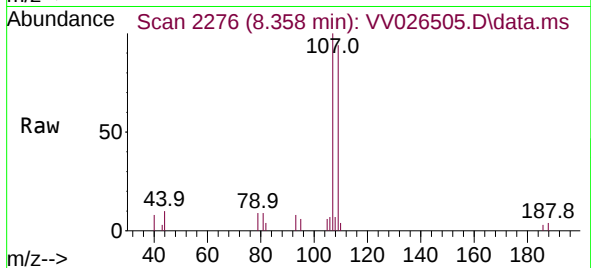
Tgt Ion:107 Resp: 6474

Ion Ratio Lower Upper

107 100

109 93.6 67.8 125.8

188 4.2 3.2 4.8



#51

Chlorobenzene

Concen: 0.970 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

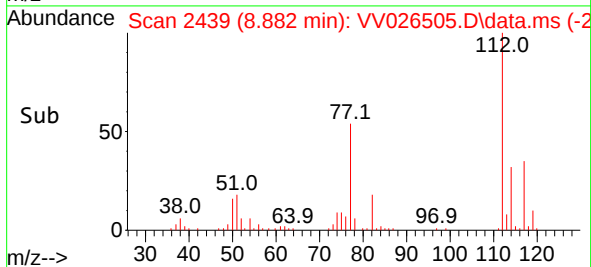
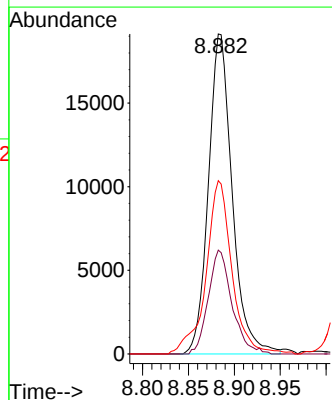
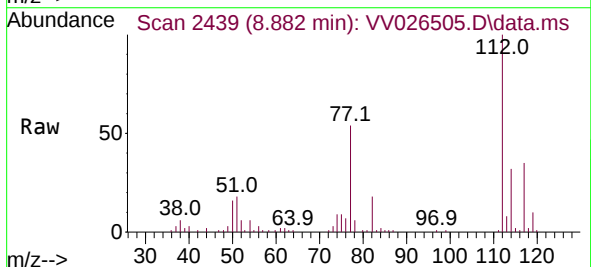
Tgt Ion:112 Resp: 34509

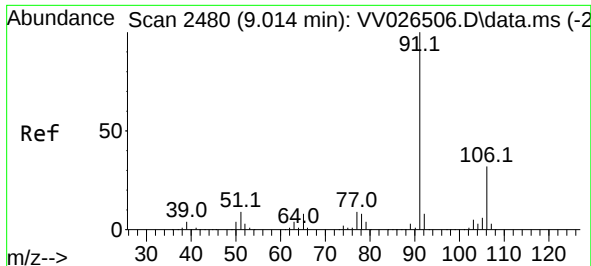
Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.5

77 54.1 44.4 66.6

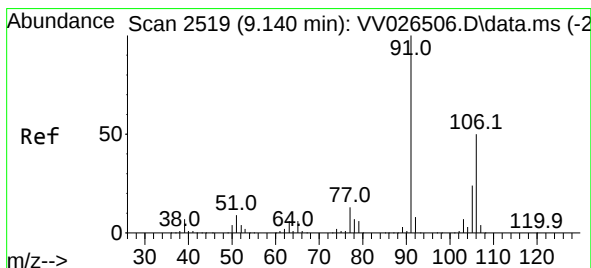
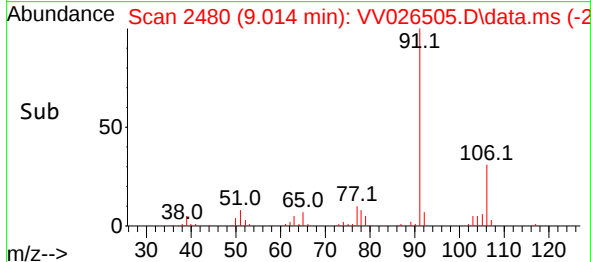
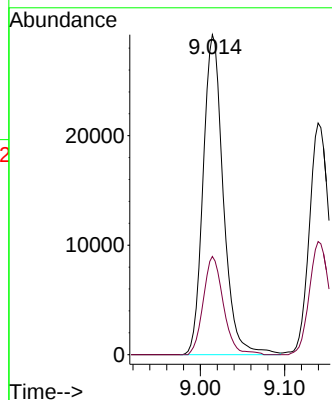
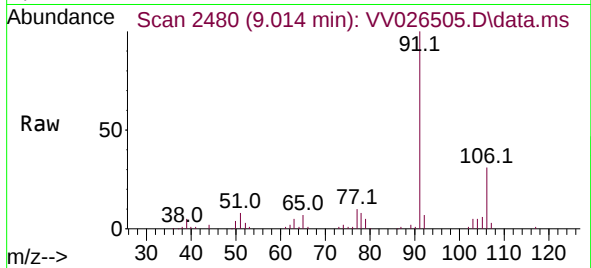




#52  
Ethylbenzene  
Concen: 0.885 ug/L  
RT: 9.014 min Scan# 2480  
Delta R.T. 0.000 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

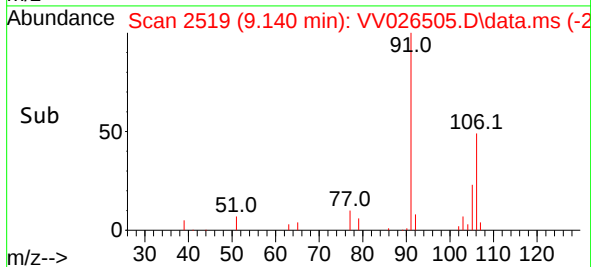
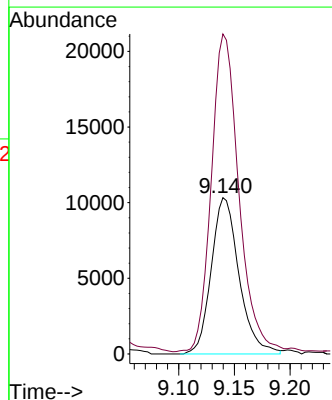
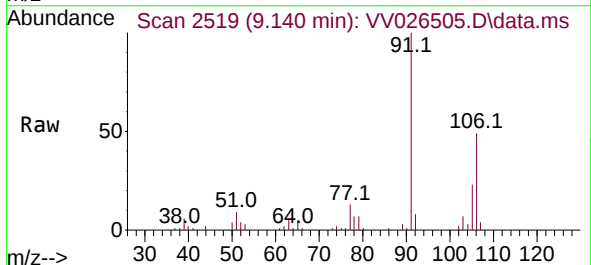
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD001274

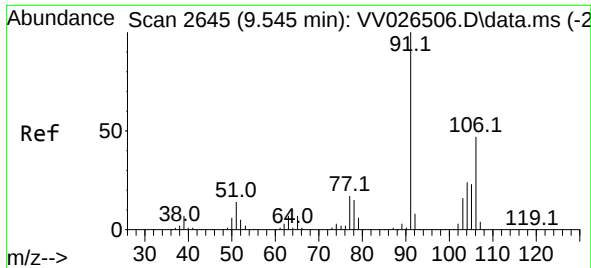
Tgt Ion: 91 Resp: 48820  
Ion Ratio Lower Upper  
91 100  
106 30.7 22.1 41.1



#53  
m,p-Xylene  
Concen: 0.829 ug/L  
RT: 9.140 min Scan# 2519  
Delta R.T. 0.000 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

Tgt Ion: 106 Resp: 17931  
Ion Ratio Lower Upper  
106 100  
91 204.7 139.9 259.9

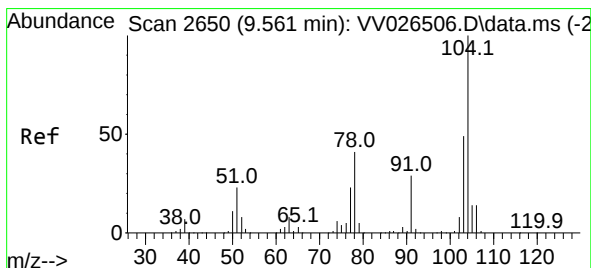
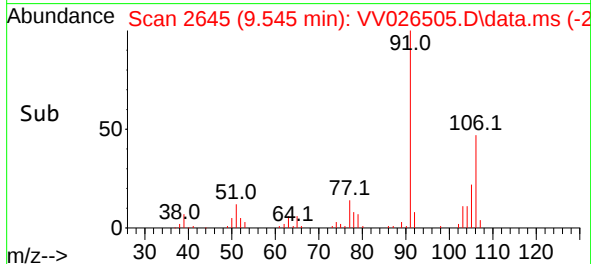
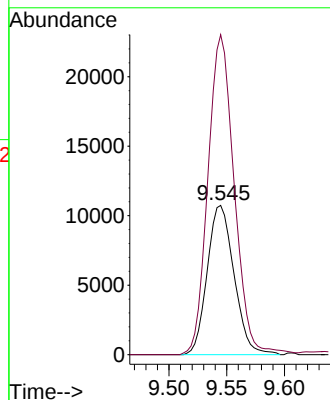
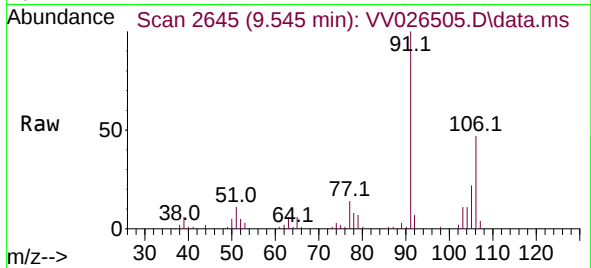




#54  
o-Xylene  
Concen: 0.839 ug/L  
RT: 9.545 min Scan# 2645  
Delta R.T. 0.000 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

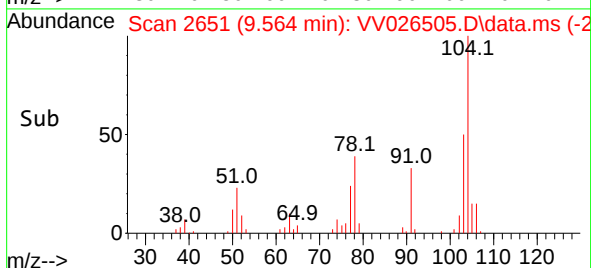
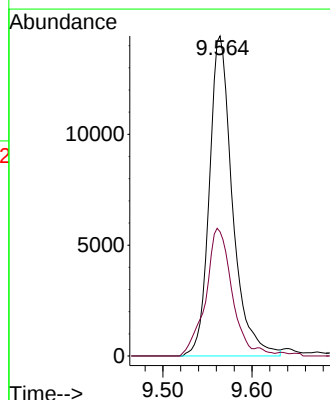
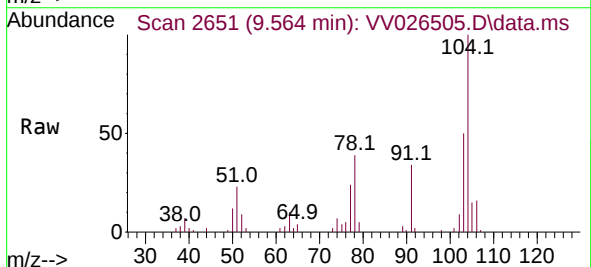
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD001274

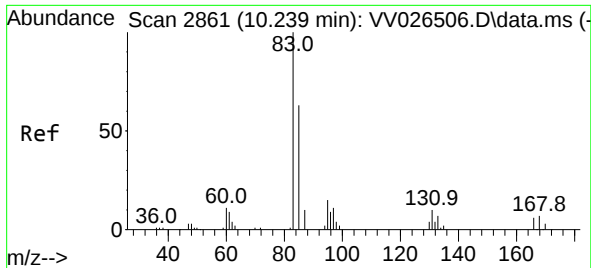
Tgt Ion:106 Resp: 17358  
Ion Ratio Lower Upper  
106 100  
91 214.3 147.5 273.9



#55  
Styrene  
Concen: 0.749 ug/L  
RT: 9.564 min Scan# 2651  
Delta R.T. 0.003 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

Tgt Ion:104 Resp: 26031  
Ion Ratio Lower Upper  
104 100  
78 38.8 28.4 52.8

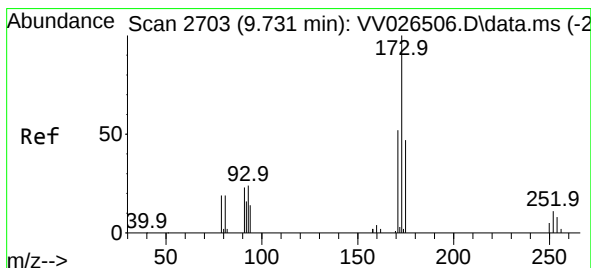
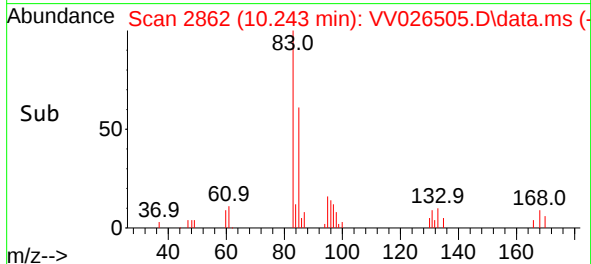
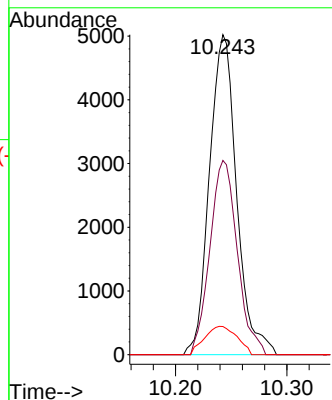
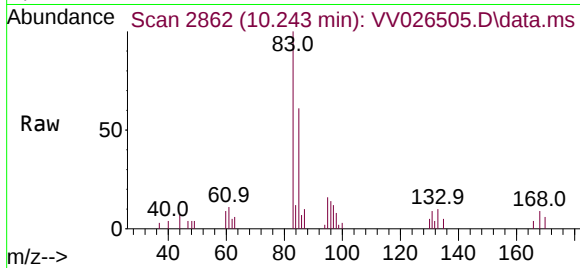




#57  
 1,1,2,2-Tetrachloroethane  
 Concen: 0.941 ug/L  
 RT: 10.243 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: VV026505.D  
 Acq: 23 Jun 2022 10:49

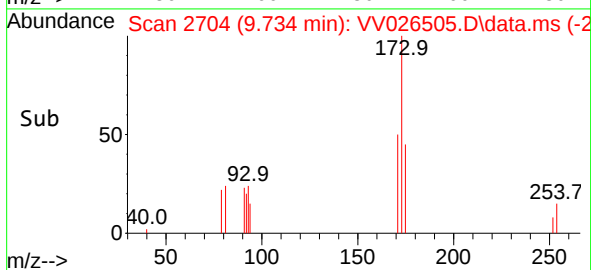
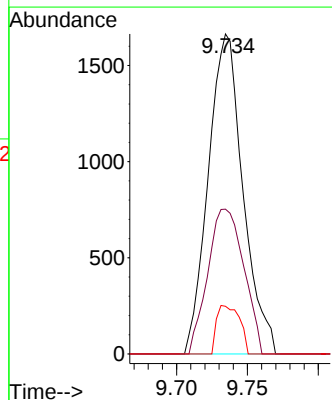
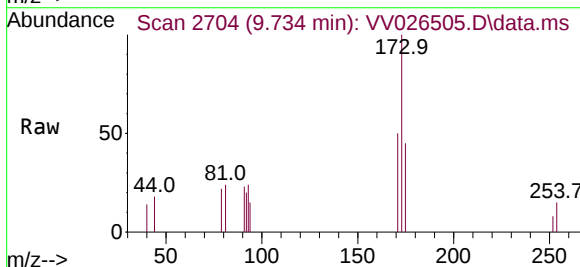
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD001274

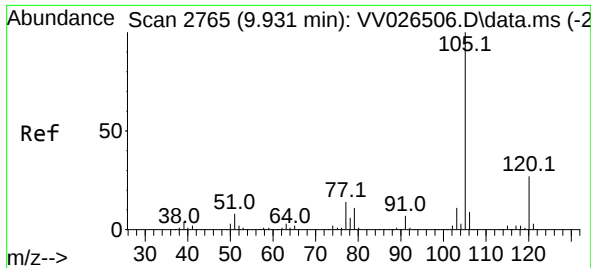
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 8501  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 60.7  | 44.3  | 82.3  |
| 131      | 8.8   | 8.0   | 12.0  |



#59  
 Bromoform  
 Concen: 0.760 ug/L  
 RT: 9.734 min Scan# 2704  
 Delta R.T. 0.003 min  
 Lab File: VV026505.D  
 Acq: 23 Jun 2022 10:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 2830  |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 47.0  | 37.9  | 56.9  |
| 254      | 10.0  | 6.3   | 9.5   |

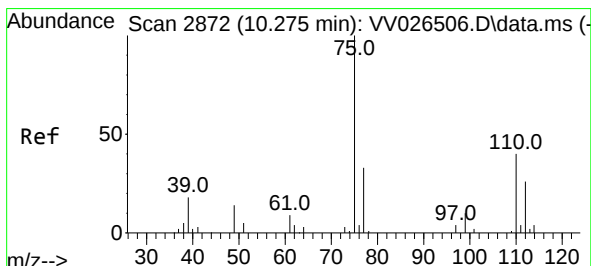
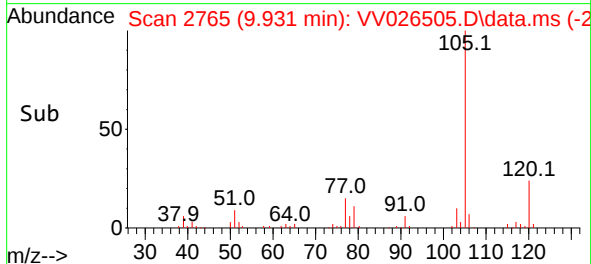
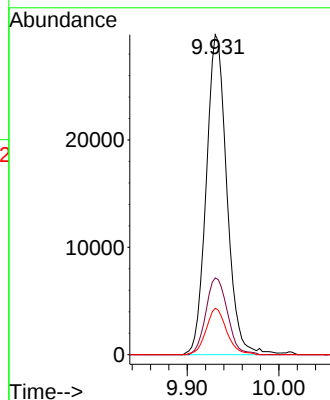
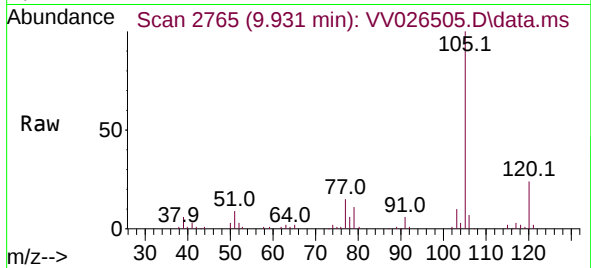




#60  
Isopropylbenzene  
Concen: 0.947 ug/L  
RT: 9.931 min Scan# 2765  
Delta R.T. 0.000 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

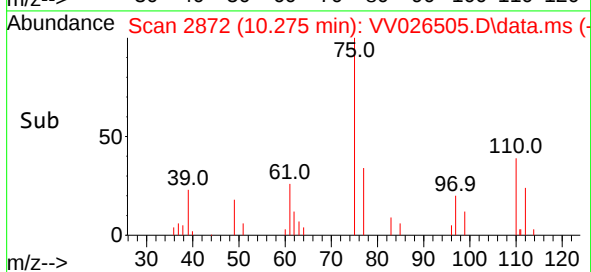
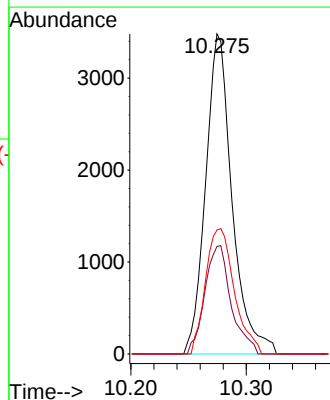
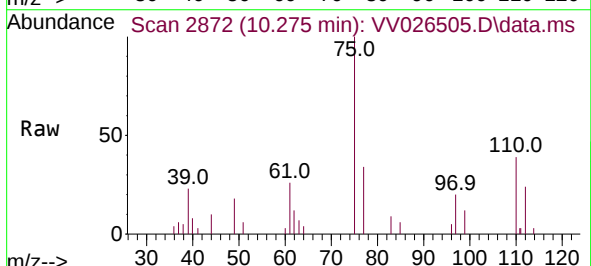
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD001274

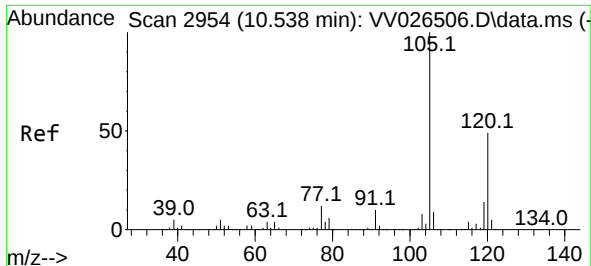
Tgt Ion:105 Resp: 46433  
Ion Ratio Lower Upper  
105 100  
120 25.2 21.4 32.2  
77 14.5 11.6 17.4



#61  
1,2,3-Trichloropropane  
Concen: 0.968 ug/L  
RT: 10.275 min Scan# 2872  
Delta R.T. 0.000 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

Tgt Ion: 75 Resp: 5540  
Ion Ratio Lower Upper  
75 100  
77 33.7 25.8 38.6  
110 42.6 32.5 48.7





#62

1,3,5-Trimethylbenzene

Concen: 0.867 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

Instrument :

MSVOA\_V

ClientSampleId :

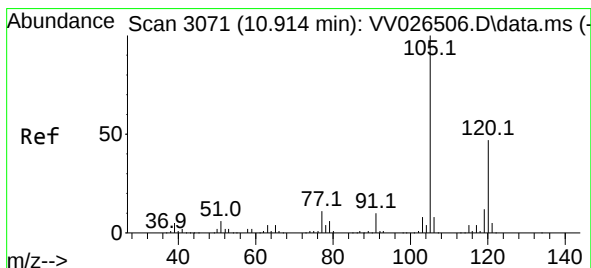
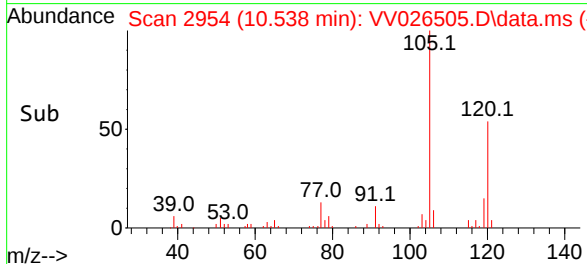
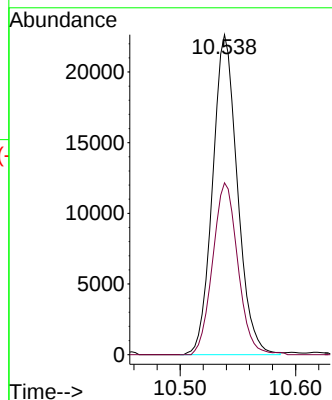
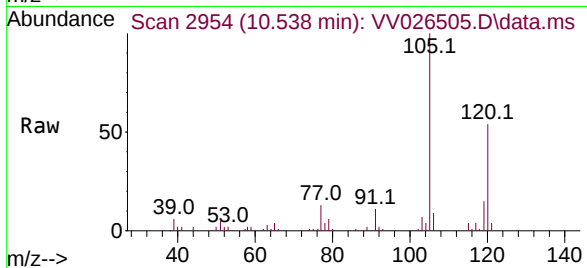
VSTD001274

Tgt Ion:105 Resp: 33814

Ion Ratio Lower Upper

105 100

120 54.2 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.854 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV026505.D

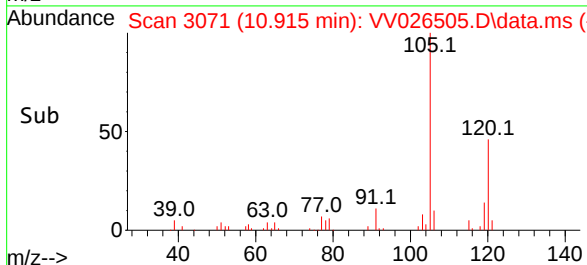
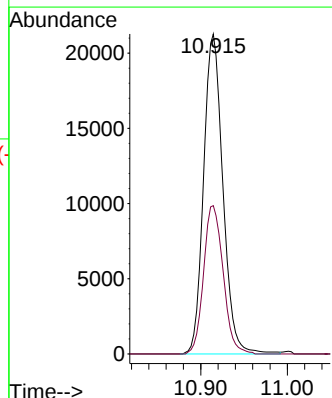
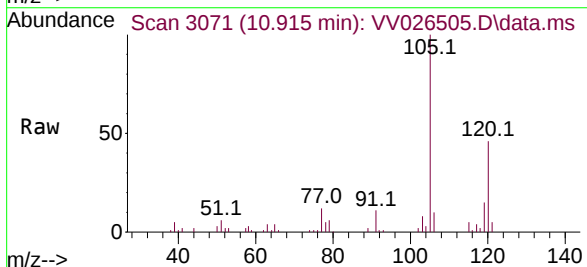
Acq: 23 Jun 2022 10:49

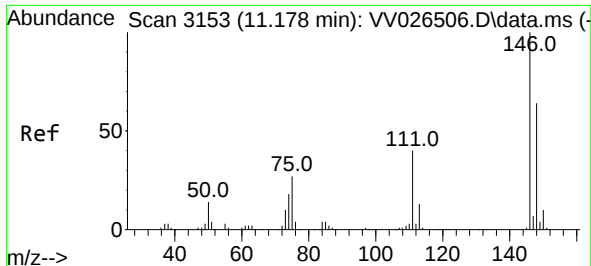
Tgt Ion:105 Resp: 33001

Ion Ratio Lower Upper

105 100

120 46.9 37.4 56.2

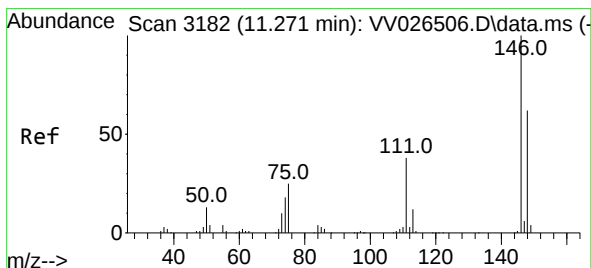
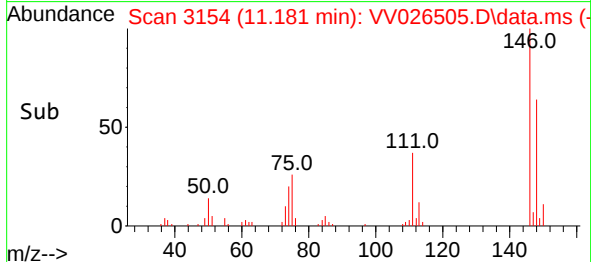
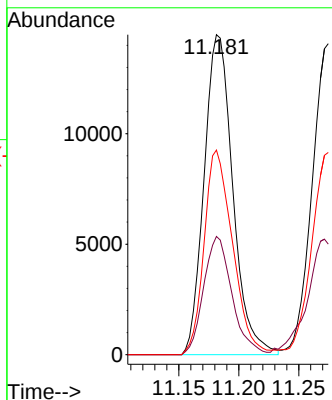
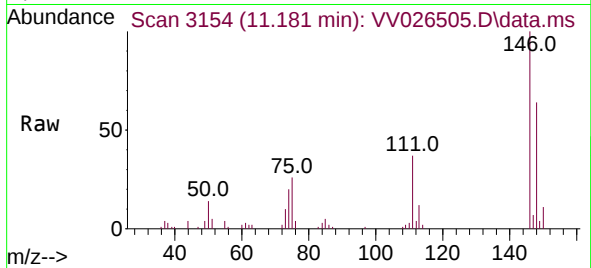




#64  
1,3-Dichlorobenzene  
Concen: 1.009 ug/L  
RT: 11.181 min Scan# 3153  
Delta R.T. 0.003 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

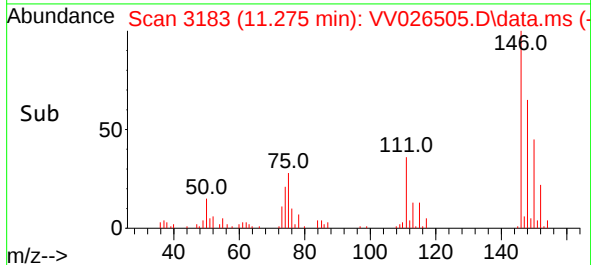
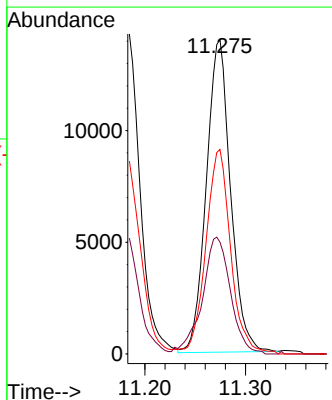
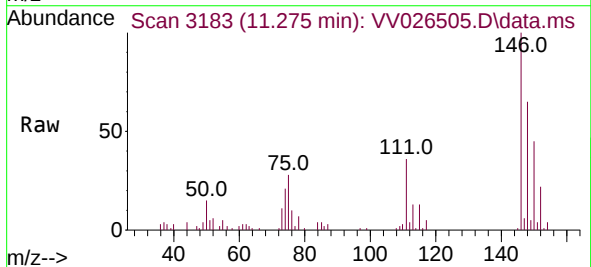
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD001274

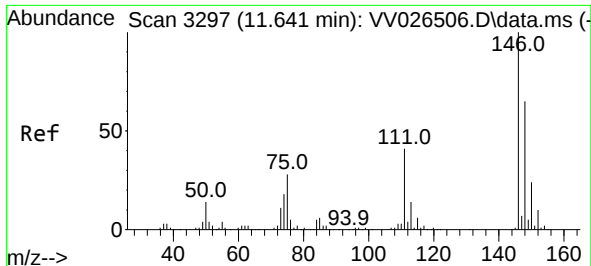
Tgt Ion:146 Resp: 24141  
Ion Ratio Lower Upper  
146 100  
111 36.9 27.9 51.7  
148 63.9 44.6 82.8



#65  
1,4-Dichlorobenzene  
Concen: 0.969 ug/L  
RT: 11.275 min Scan# 3183  
Delta R.T. 0.003 min  
Lab File: VV026505.D  
Acq: 23 Jun 2022 10:49

Tgt Ion:146 Resp: 23445  
Ion Ratio Lower Upper  
146 100  
111 35.6 26.5 49.3  
148 65.0 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 0.966 ug/L

RT: 11.644 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

Instrument :

MSVOA\_V

ClientSampleId :

VSTD001274

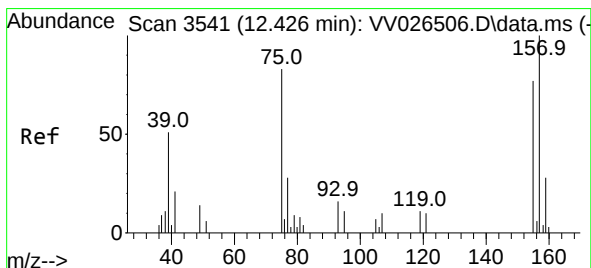
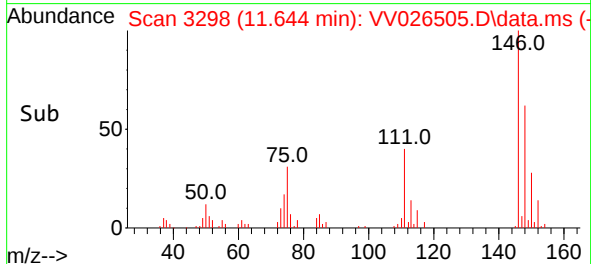
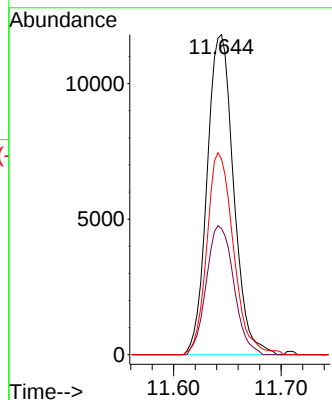
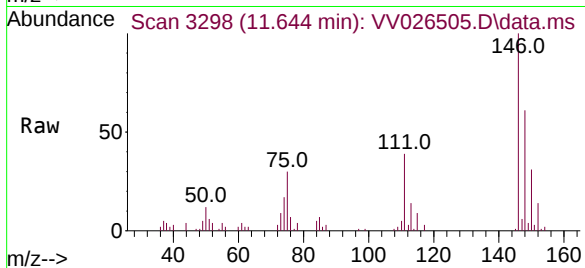
Tgt Ion:146 Resp: 20218

Ion Ratio Lower Upper

146 100

111 39.5 32.8 49.2

148 61.1 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 0.845 ug/L

RT: 12.432 min Scan# 3543

Delta R.T. 0.006 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

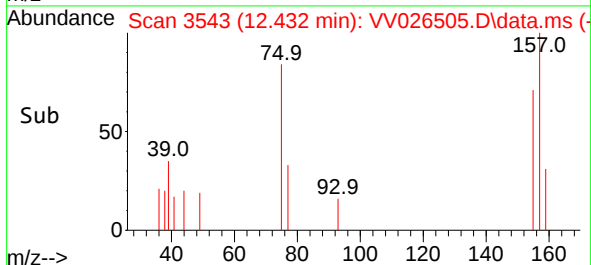
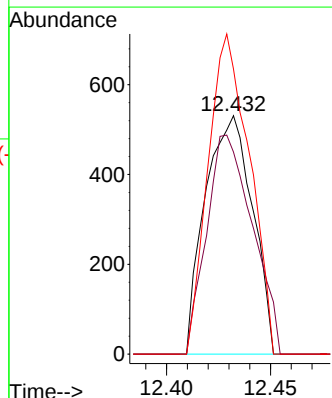
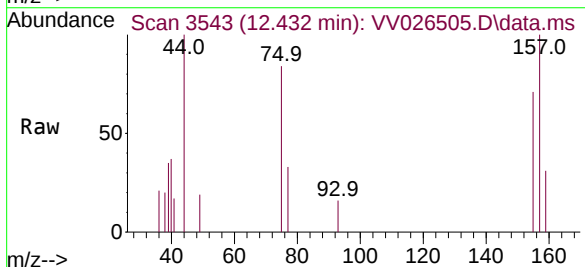
Tgt Ion: 75 Resp: 838

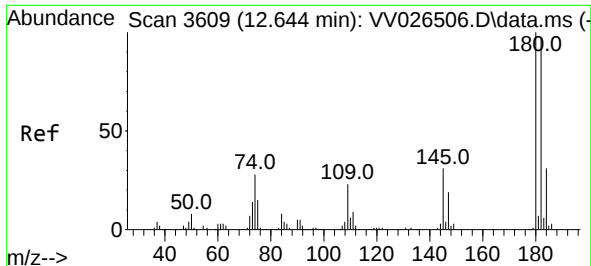
Ion Ratio Lower Upper

75 100

155 84.7 74.7 112.1

157 119.6 96.9 145.3





#69

1,3,5-Trichlorobenzene

Concen: 1.014 ug/L

RT: 12.644 min Scan# 30

Delta R.T. 0.000 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

Instrument :

MSVOA\_V

ClientSampleId :

VSTD001274

Tgt Ion:180 Resp: 17386

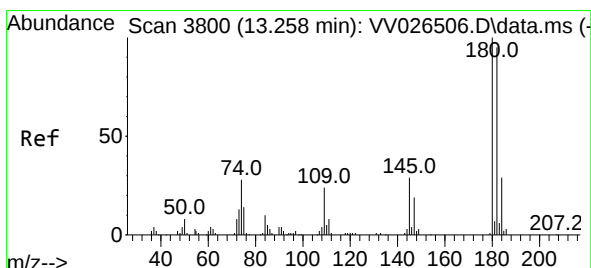
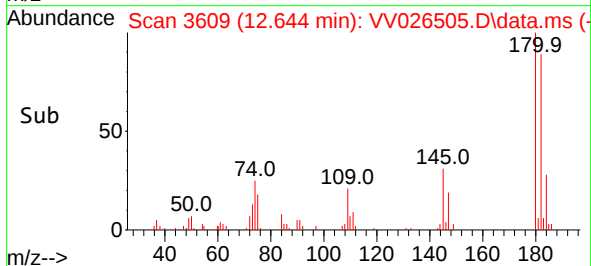
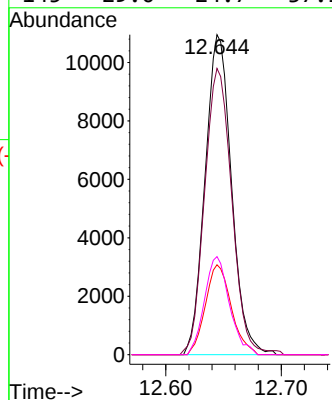
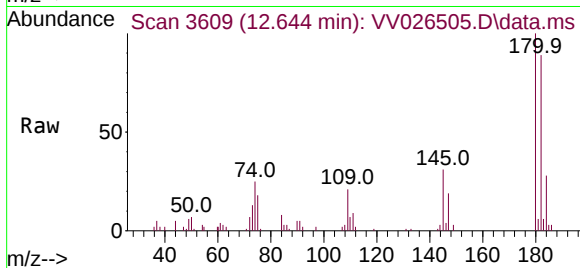
Ion Ratio Lower Upper

180 100

182 92.0 76.6 115.0

184 27.5 24.1 36.1

145 29.0 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 0.891 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

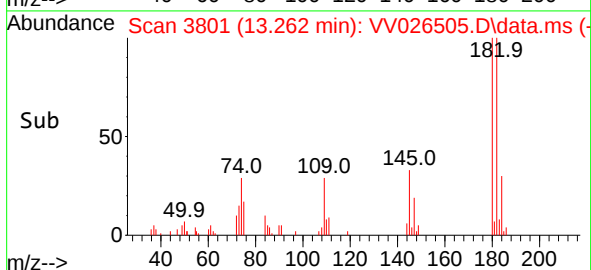
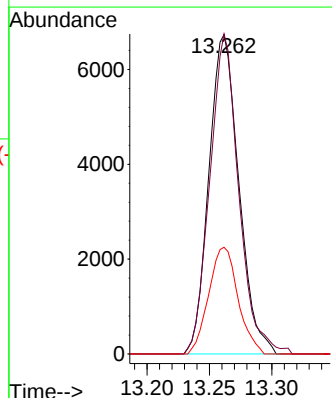
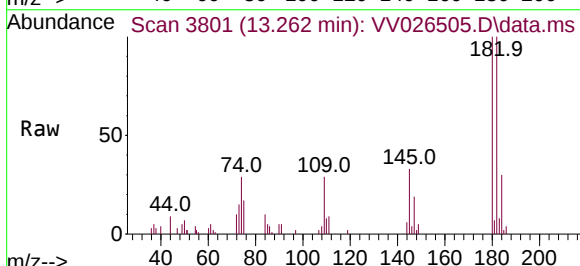
Tgt Ion:180 Resp: 11252

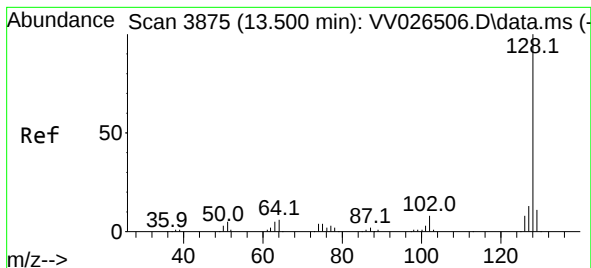
Ion Ratio Lower Upper

180 100

182 96.9 75.2 112.8

145 32.7 24.4 36.6





#71

Naphthalene

Concen: 0.795 ug/L

RT: 13.506 min Scan# 3875

Delta R.T. 0.006 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

Instrument :

MSVOA\_V

ClientSampleId :

VSTD001274

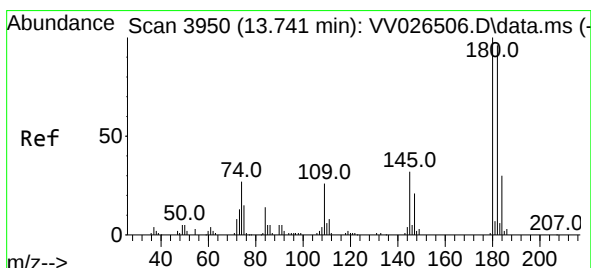
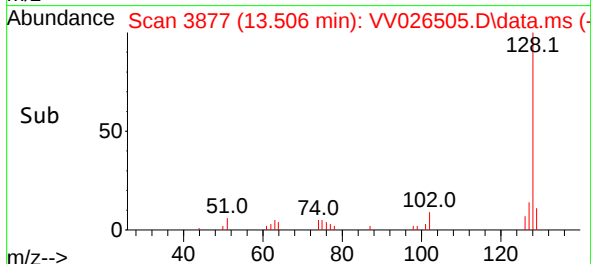
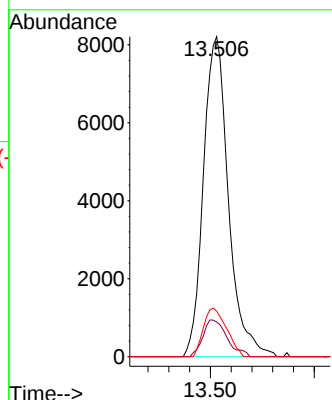
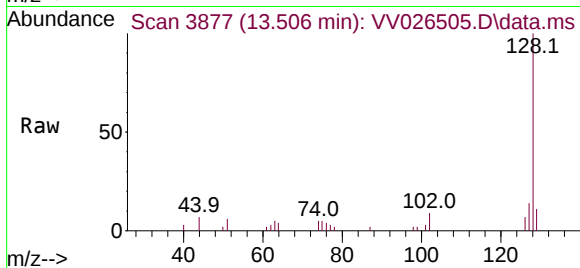
Tgt Ion:128 Resp: 13716

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

127 14.0 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 0.845 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV026505.D

Acq: 23 Jun 2022 10:49

Tgt Ion:180 Resp: 8833

Ion Ratio Lower Upper

180 100

182 91.8 76.8 115.2

145 30.3 25.8 38.6

