

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122821\  
 Data File : VX026121.D  
 Acq On : 29 Dec 2021 00:37  
 Operator : JC/MD  
 Sample : M5233-02MS 10X  
 Misc : 8.88g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 29 04:36:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML122821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 29 04:20:17 2021  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) 1,4-Difluorobenzene        | 6.769     | 114   | 197876   | 50.000   | ug/L       | 0.00     |
| 28) Chlorobenzene-d5          | 10.055    | 117   | 176733   | 50.000   | ug/L       | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024    | 152   | 90038    | 50.000   | ug/L       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 4) Vinyl Chloride-d3          | 1.374     | 65    | 83477    | 54.354   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 135 | Recovery | = 108.700% |          |
| 7) Chloroethane-d5            | 1.666     | 69    | 62005    | 55.537   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 130 | Recovery | = 111.080% |          |
| 11) 1,1-Dichloroethene-d2     | 2.313     | 63    | 159001   | 56.718   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 125 | Recovery | = 113.440% |          |
| 21) 2-Butanone-d5             | 4.465     | 46    | 119056   | 112.185  | ug/L       | 0.00     |
| Spiked Amount                 | 100.000   | Range | 40 - 130 | Recovery | = 112.190% |          |
| 24) Chloroform-d              | 5.062     | 84    | 145566   | 55.810   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 111.620% |          |
| 26) 1,2-Dichloroethane-d4     | 5.964     | 65    | 97313    | 57.557   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 115.120% |          |
| 32) Benzene-d6                | 5.976     | 84    | 282592   | 55.461   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 110.920% |          |
| 36) 1,2-Dichloropropane-d6    | 7.312     | 67    | 88679    | 56.259   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 120 | Recovery | = 112.520% |          |
| 41) Toluene-d8                | 8.653     | 98    | 263291   | 56.659   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 80 - 120 | Recovery | = 113.320% |          |
| 43) trans-1,3-Dichloroprop... | 8.952     | 79    | 44489    | 57.819   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 125 | Recovery | = 115.640% |          |
| 47) 2-Hexanone-d5             | 9.390     | 63    | 82765    | 112.585  | ug/L       | 0.00     |
| Spiked Amount                 | 100.000   | Range | 45 - 130 | Recovery | = 112.580% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195    | 84    | 124006   | 59.112   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 65 - 120 | Recovery | = 118.220% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323    | 152   | 97510    | 56.774   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 80 - 120 | Recovery | = 113.540% |          |
| Target Compounds              |           |       |          |          |            |          |
|                               |           |       |          |          | Qvalue     |          |
| 2) Dichlorodifluoromethane    | 1.172     | 85    | 100398   | 52.624   | ug/L       | 100      |
| 3) Chloromethane              | 1.294     | 50    | 87682    | 52.806   | ug/L       | 98       |
| 5) Vinyl chloride             | 1.380     | 62    | 87656    | 52.594   | ug/L       | 99       |
| 6) Bromomethane               | 1.611     | 94    | 46045    | 47.452   | ug/L       | 100      |
| 8) Chloroethane               | 1.685     | 64    | 54014    | 55.038   | ug/L       | 98       |
| 9) Trichlorofluoromethane     | 1.892     | 101   | 138987   | 54.389   | ug/L       | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.337     | 101   | 76458    | 58.966   | ug/L       | 99       |
| 12) 1,1-Dichloroethene        | 2.325     | 96    | 71691    | 59.427   | ug/L       | 93       |
| 13) Acetone                   | 2.386     | 43    | 78499    | 78.106   | ug/L       | 99       |
| 14) Carbon disulfide          | 2.514     | 76    | 188441   | 49.748   | ug/L       | 100      |
| 15) Methyl Acetate            | 2.709     | 43    | 85712    | 54.196   | ug/L       | 99       |
| 16) Methylene chloride        | 2.794     | 84    | 69471    | 51.704   | ug/L       | 96       |
| 17) trans-1,2-Dichloroethene  | 3.099     | 96    | 65892    | 51.888   | ug/L       | 98       |
| 18) Methyl tert-butyl Ether   | 3.117     | 73    | 216331   | 53.286   | ug/L #     | 90       |
| 19) 1,1-Dichloroethane        | 3.617     | 63    | 199560   | 85.382   | ug/L       | 99       |
| 20) cis-1,2-Dichloroethene    | 4.495     | 96    | 182559   | 131.363  | ug/L       | 97       |
| 22) 2-Butanone                | 4.568     | 43    | 113803   | 86.059   | ug/L       | 99       |
| 23) Bromochloromethane        | 4.904     | 128   | 37654    | 53.413   | ug/L       | 98       |
| 25) Chloroform                | 5.105     | 83    | 145175   | 60.405   | ug/L       | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122821\  
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 Operator : JC/MD  
 Sample : M5233-02MS 10X  
 Misc : 8.88g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 28 Sample Multiplier: 1

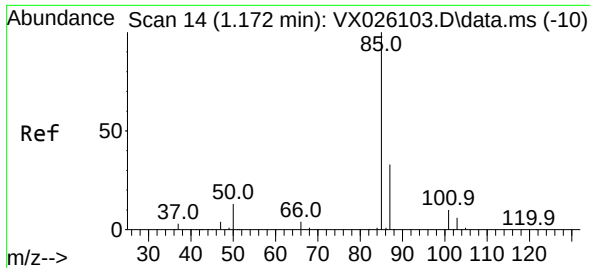
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 29 04:36:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML122821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 29 04:20:17 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 27) 1,2-Dichloroethane        | 6.092  | 62   | 106120   | 54.356  | ug/L  | 97       |
| 29) Cyclohexane               | 5.477  | 56   | 145382   | 65.364  | ug/L  | 96       |
| 30) 1,1,1-Trichloroethane     | 5.391  | 97   | 613477   | 285.116 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 5.684  | 117  | 99507    | 51.413  | ug/L  | 99       |
| 33) Benzene                   | 6.044  | 78   | 316696   | 60.691  | ug/L  | 100      |
| 34) Trichloroethene           | 7.129  | 95   | 73761    | 53.686  | ug/L  | 97       |
| 35) Methylcyclohexane         | 7.385  | 83   | 188862   | 89.123  | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 7.434  | 63   | 69621    | 51.824  | ug/L  | 99       |
| 38) Bromodichloromethane      | 7.824  | 83   | 97726    | 52.360  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 8.366  | 75   | 108248   | 52.251  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 8.580  | 43   | 231267   | 106.689 | ug/L  | 99       |
| 42) Toluene                   | 8.720  | 91   | 2129249  | 383.095 | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 8.982  | 75   | 104648   | 52.722  | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 9.153  | 97   | 65409    | 51.031  | ug/L  | 97       |
| 46) Tetrachloroethene         | 9.275  | 164  | 67546    | 66.507  | ug/L  | 98       |
| 48) 2-Hexanone                | 9.433  | 43   | 167946   | 94.075  | ug/L  | 99       |
| 49) Dibromochloromethane      | 9.525  | 129  | 75841    | 51.840  | ug/L  | 95       |
| 50) 1,2-Dibromoethane         | 9.610  | 107  | 71651    | 52.515  | ug/L  | 95       |
| 51) Chlorobenzene             | 10.079 | 112  | 185505   | 54.138  | ug/L  | 99       |
| 52) Ethylbenzene              | 10.195 | 91   | 747317   | 127.908 | ug/L  | 99       |
| 53) m,p-Xylene                | 10.305 | 106  | 698247   | 313.130 | ug/L  | 98       |
| 54) o-Xylene                  | 10.646 | 106  | 337031   | 155.589 | ug/L  | 98       |
| 55) Styrene                   | 10.659 | 104  | 220234   | 59.227  | ug/L  | 92       |
| 57) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 117601   | 58.420  | ug/L  | 94       |
| 59) Bromoform                 | 10.805 | 173  | 53614    | 49.330  | ug/L  | 100      |
| 60) Isopropylbenzene          | 10.963 | 105  | 386886   | 64.074  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 11.244 | 75   | 88415    | 51.674  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 533881   | 106.192 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 1131013  | 223.120 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.969 | 146  | 142407   | 53.999  | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 12.042 | 146  | 148803   | 55.066  | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 165518   | 62.997  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.945 | 75   | 30354    | 59.143  | ug/L  | 96       |
| 69) 1,3,5-Trichlorobenzene    | 13.115 | 180  | 98344    | 54.870  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.963 | 180  | 83467    | 51.739  | ug/L  | 99       |
| 71) Naphthalene               | 13.780 | 128  | 609629   | 100.463 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 95056    | 58.067  | ug/L  | 97       |

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

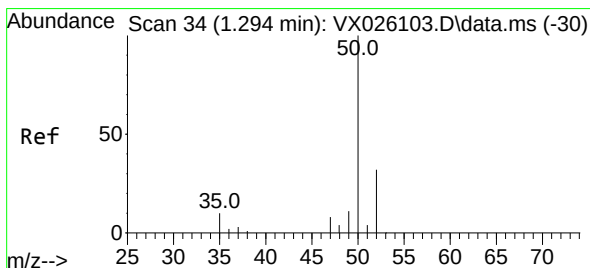
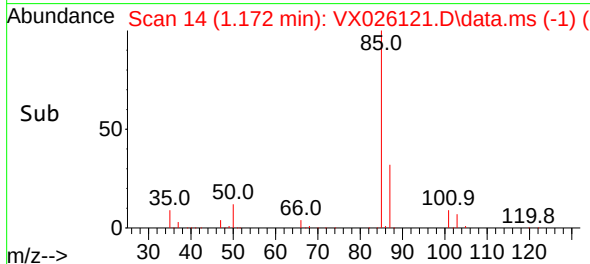
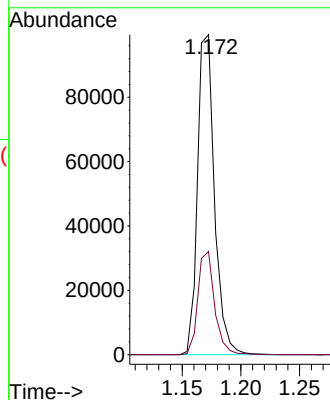
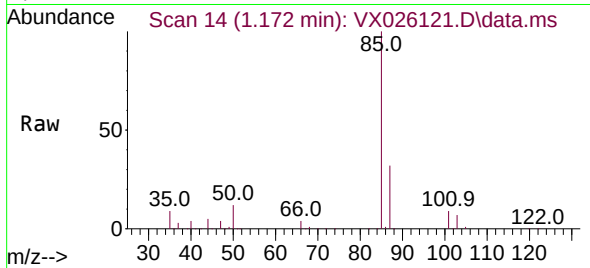




#2  
 Dichlorodifluoromethane  
 Concen: 52.624 ug/L  
 RT: 1.172 min Scan# 14  
 Delta R.T. 0.000 min  
 Lab File: VX026121.D  
 Acq: 29 Dec 2021 00:37

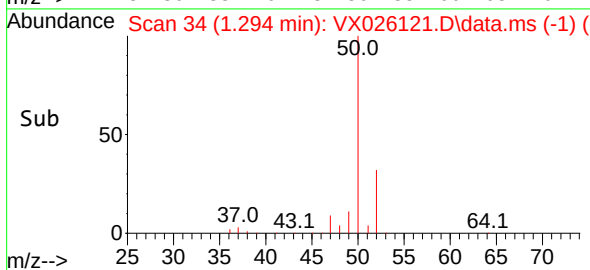
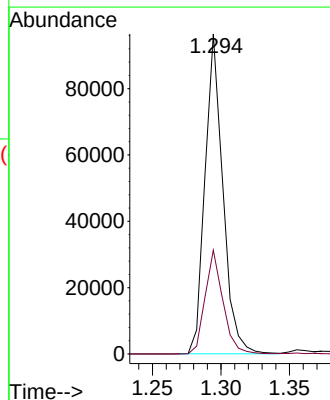
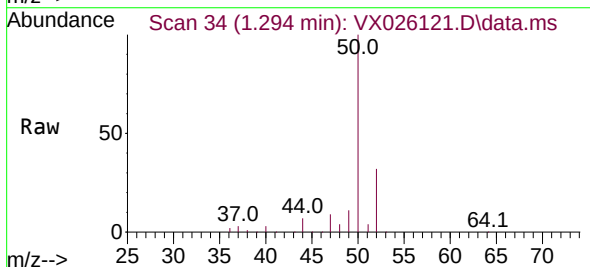
Instrument :  
 MSVOA\_X  
 ClientSampleId :

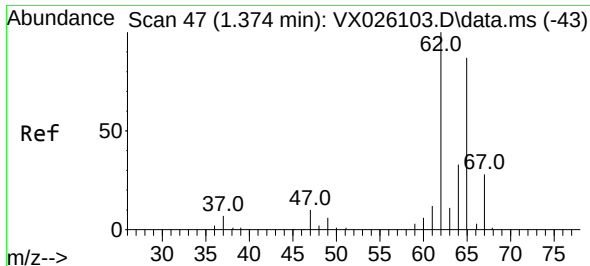
Tgt Ion: 85 Resp: 100398  
 Ion Ratio Lower Upper  
 85 100  
 87 31.8 25.7 38.5



#3  
 Chloromethane  
 Concen: 52.806 ug/L  
 RT: 1.294 min Scan# 34  
 Delta R.T. 0.000 min  
 Lab File: VX026121.D  
 Acq: 29 Dec 2021 00:37

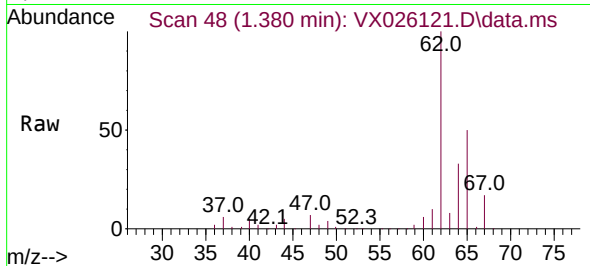
Tgt Ion: 50 Resp: 87682  
 Ion Ratio Lower Upper  
 50 100  
 52 32.5 23.7 43.9



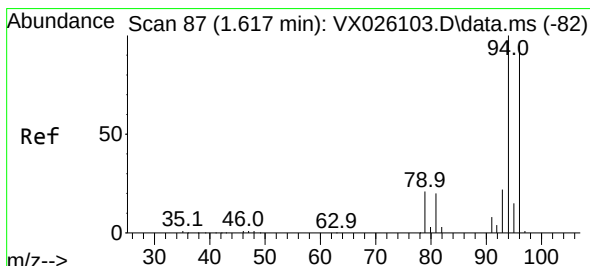
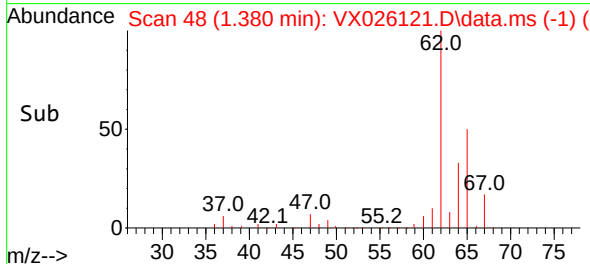
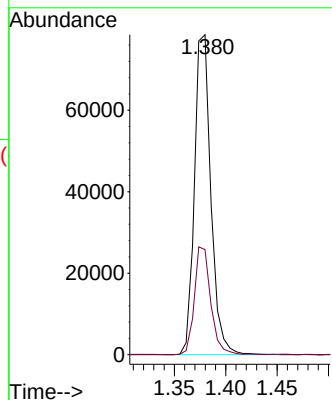


#5  
 Vinyl chloride  
 Concen: 52.594 ug/L  
 RT: 1.380 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX026121.D  
 Acq: 29 Dec 2021 00:37

Instrument :  
 MSVOA\_X  
 ClientSampleId :

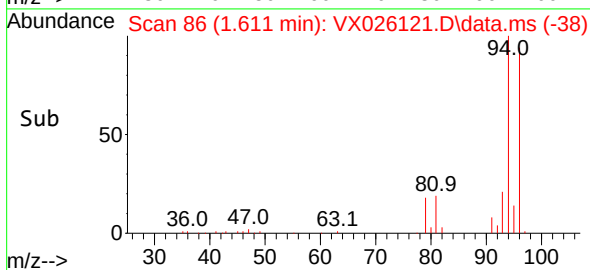
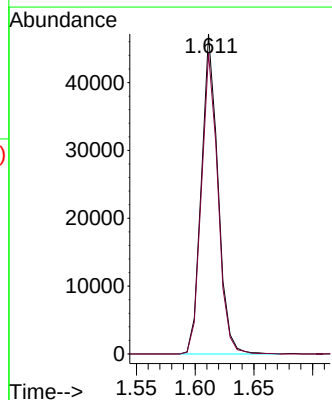
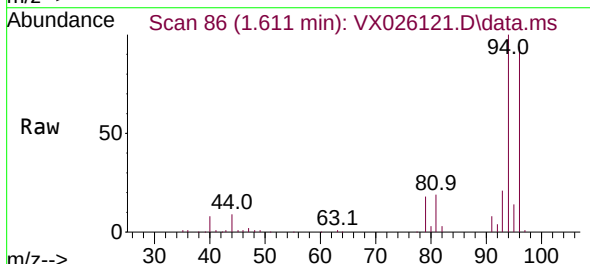


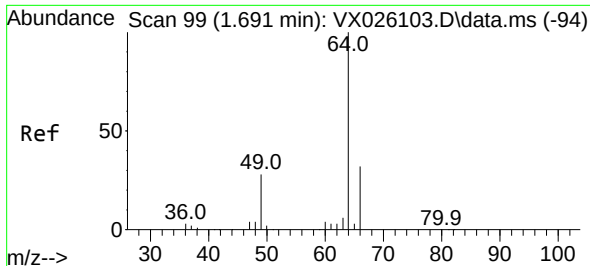
Tgt Ion: 62 Resp: 87656  
 Ion Ratio Lower Upper  
 62 100  
 64 32.9 23.2 43.2



#6  
 Bromomethane  
 Concen: 47.452 ug/L  
 RT: 1.611 min Scan# 86  
 Delta R.T. -0.006 min  
 Lab File: VX026121.D  
 Acq: 29 Dec 2021 00:37

Tgt Ion: 94 Resp: 46045  
 Ion Ratio Lower Upper  
 94 100  
 96 94.0 65.8 122.2

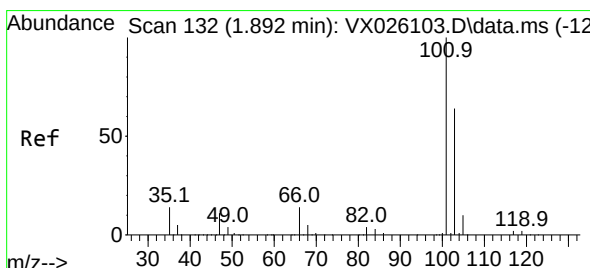
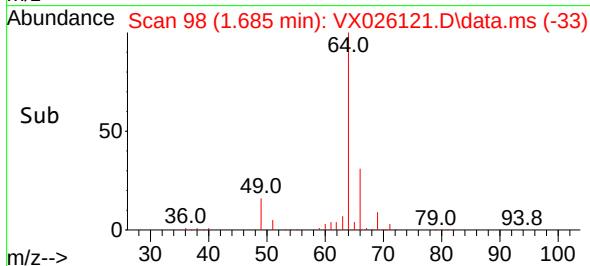
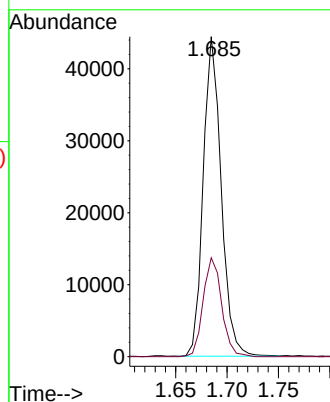
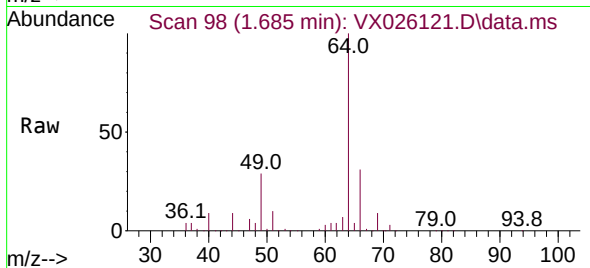




#8  
Chloroethane  
Concen: 55.038 ug/L  
RT: 1.685 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

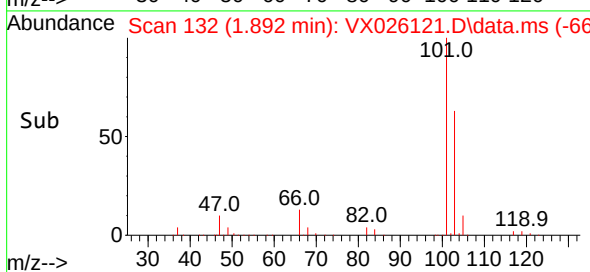
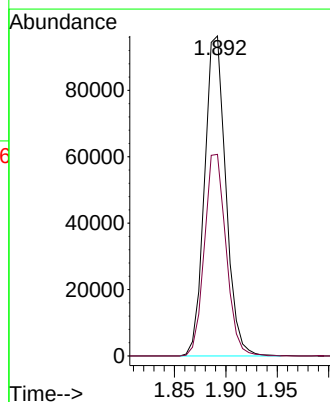
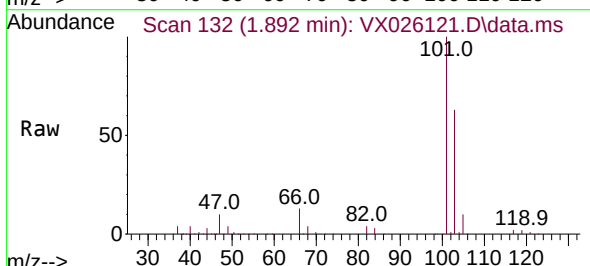
Instrument :  
MSVOA\_X  
ClientSampleId :

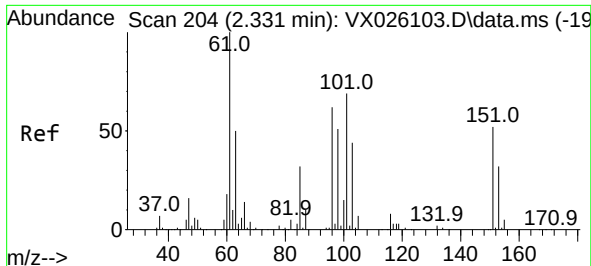
Tgt Ion: 64 Resp: 54014  
Ion Ratio Lower Upper  
64 100  
66 30.9 22.5 41.7



#9  
Trichlorofluoromethane  
Concen: 54.389 ug/L  
RT: 1.892 min Scan# 132  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

Tgt Ion:101 Resp: 138987  
Ion Ratio Lower Upper  
101 100  
103 64.0 51.2 76.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 58.966 ug/L

RT: 2.337 min Scan# 204

Delta R.T. 0.006 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA\_X

ClientSampleId :

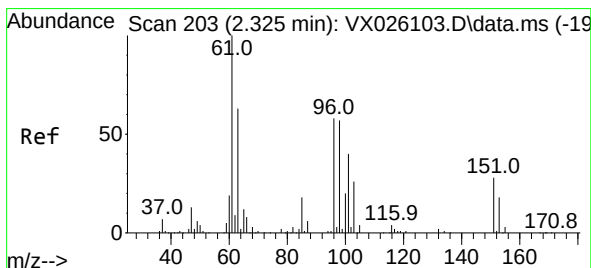
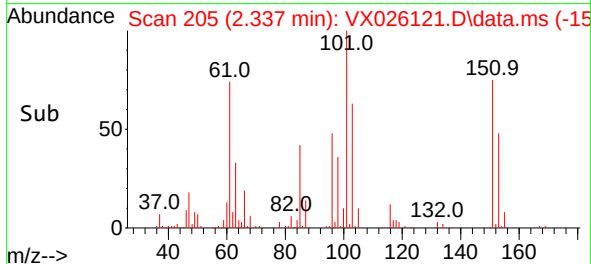
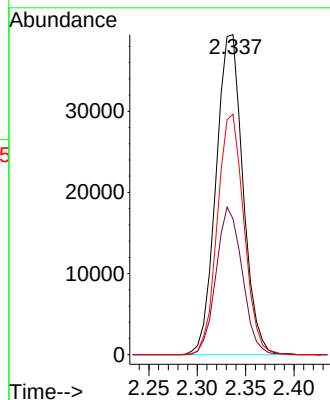
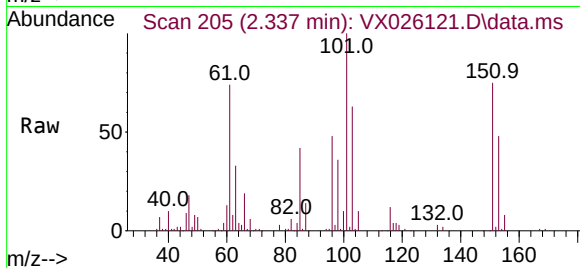
Tgt Ion:101 Resp: 76458

Ion Ratio Lower Upper

101 100

85 44.8 36.6 55.0

151 74.0 58.5 87.7



#12

1,1-Dichloroethene

Concen: 59.427 ug/L

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

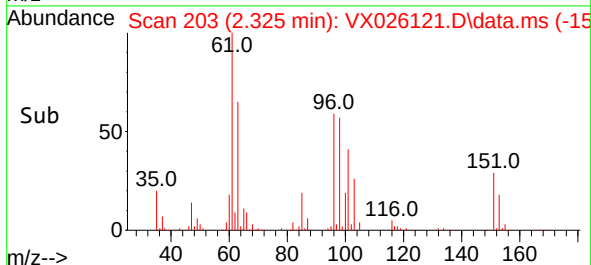
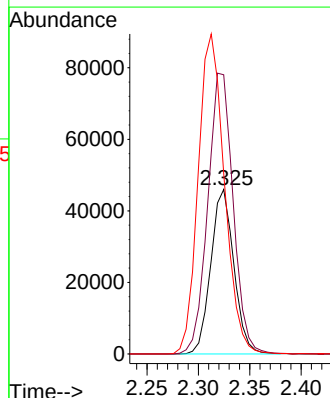
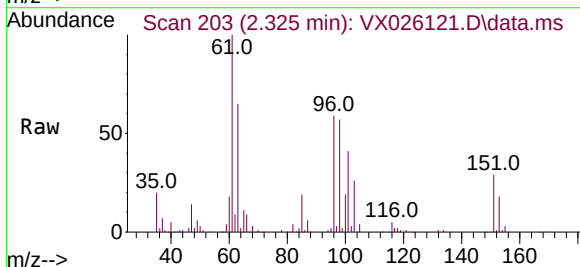
Tgt Ion: 96 Resp: 71691

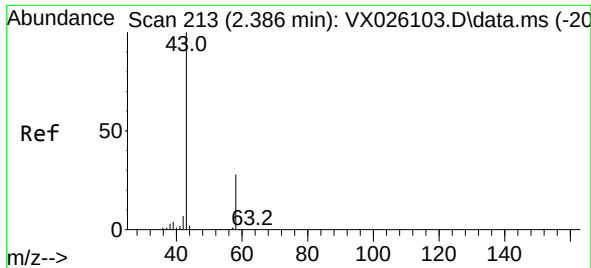
Ion Ratio Lower Upper

96 100

61 169.8 121.6 225.8

63 109.6 86.7 161.1





#13

Acetone

Concen: 78.106 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA\_X

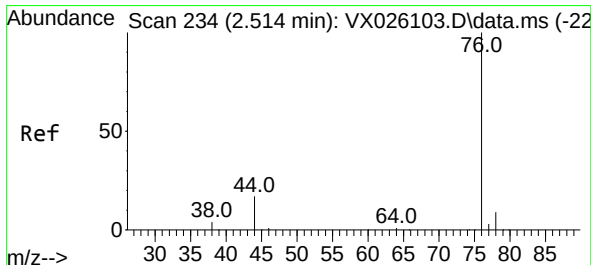
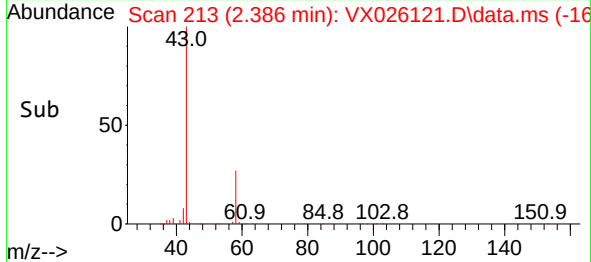
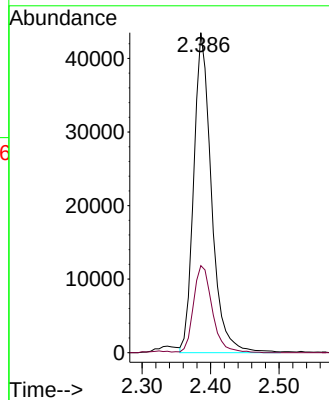
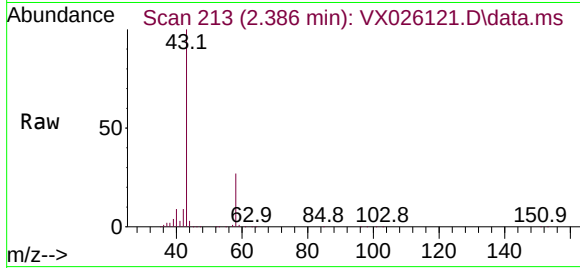
ClientSampleId :

Tgt Ion: 43 Resp: 78499

Ion Ratio Lower Upper

43 100

58 28.7 0.0 58.2



#14

Carbon disulfide

Concen: 49.748 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX026121.D

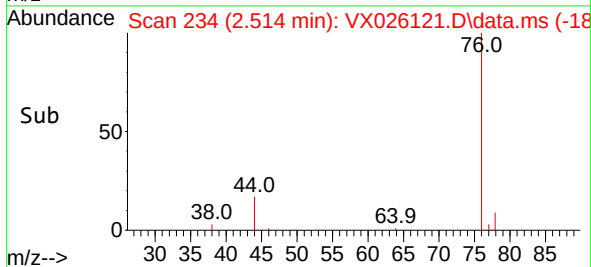
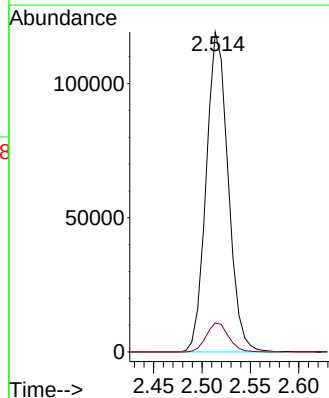
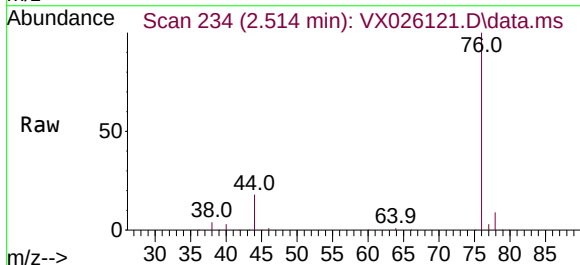
Acq: 29 Dec 2021 00:37

Tgt Ion: 76 Resp: 188441

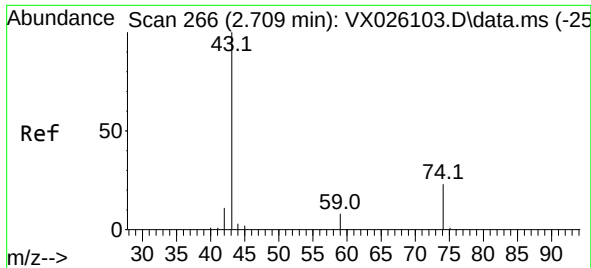
Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



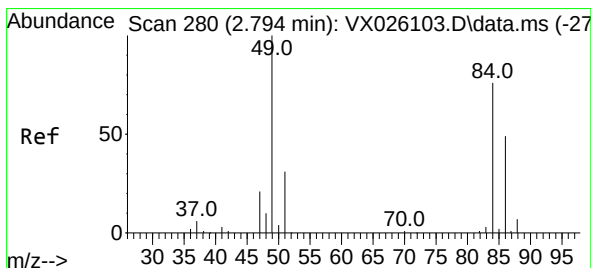
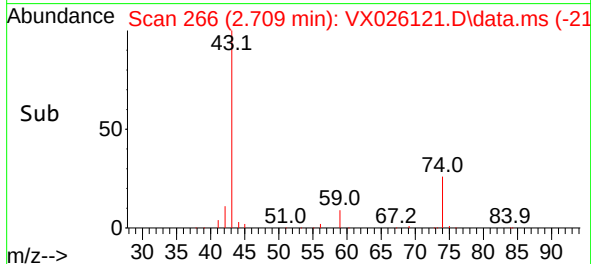
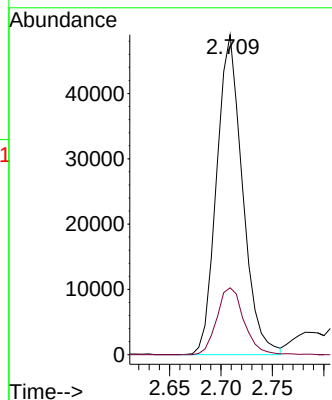
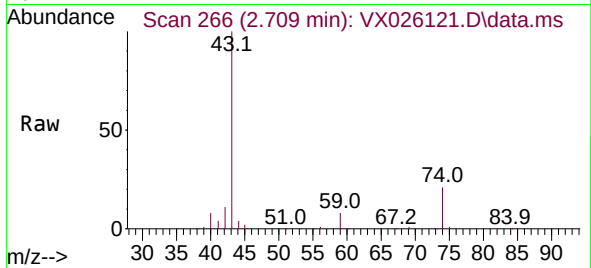




#15  
Methyl Acetate  
Concen: 54.196 ug/L  
RT: 2.709 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

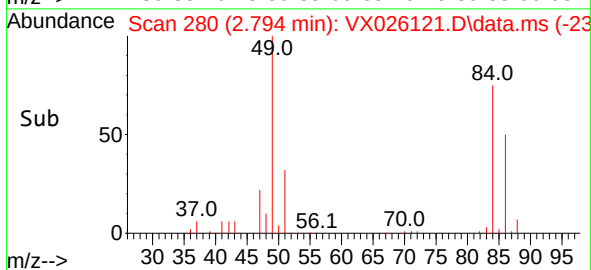
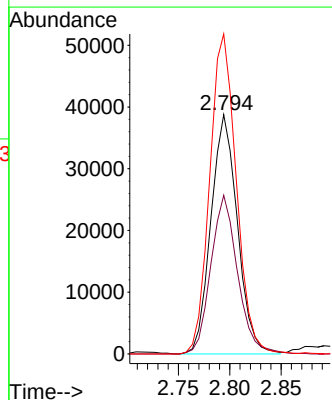
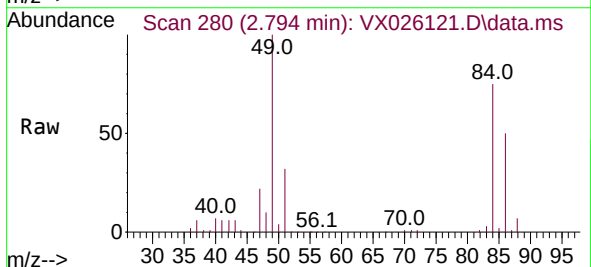
Instrument :  
MSVOA\_X  
ClientSampleId :

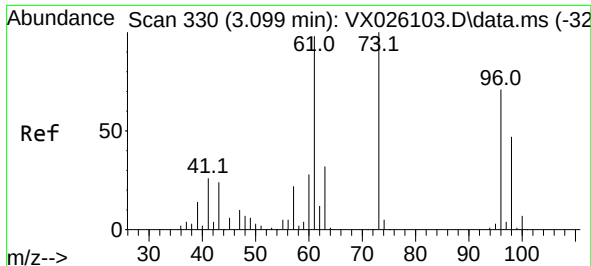
Tgt Ion: 43 Resp: 85712  
Ion Ratio Lower Upper  
43 100  
74 21.8 17.8 26.6



#16  
Methylene chloride  
Concen: 51.704 ug/L  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

Tgt Ion: 84 Resp: 69471  
Ion Ratio Lower Upper  
84 100  
86 66.3 44.6 82.8  
49 133.7 89.6 166.4

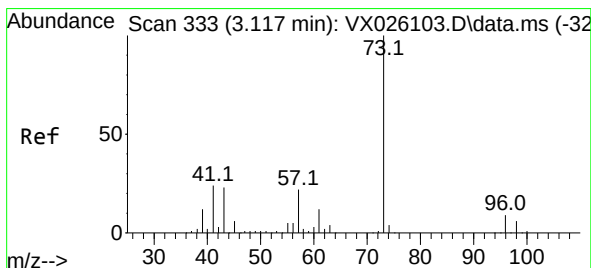
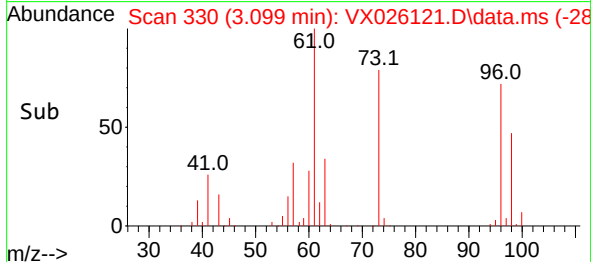
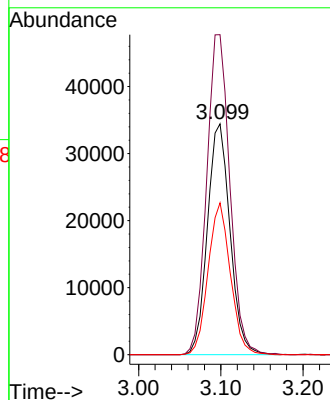
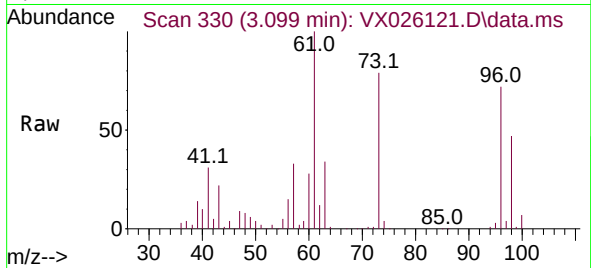




#17  
trans-1,2-Dichloroethene  
Concen: 51.888 ug/L  
RT: 3.099 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

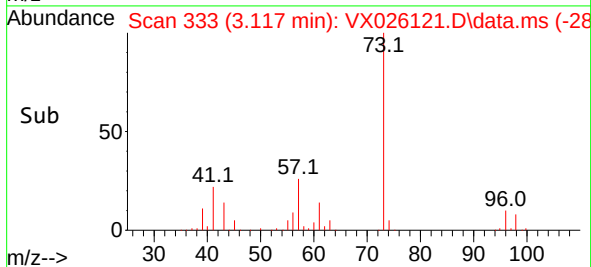
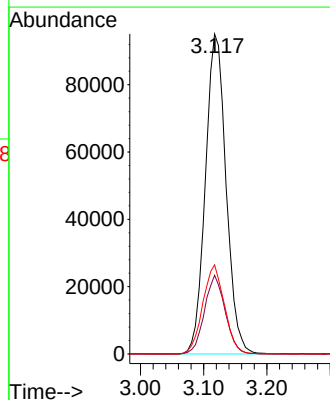
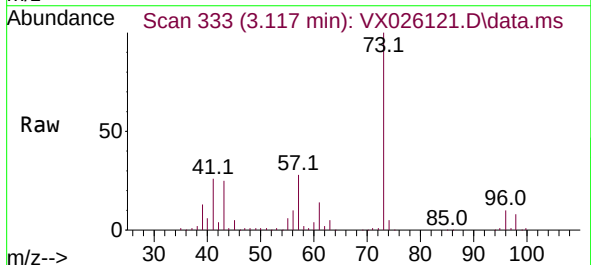
Instrument :  
MSVOA\_X  
ClientSampleId :

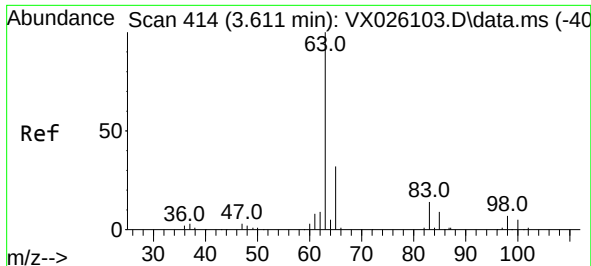
Tgt Ion: 96 Resp: 65892  
Ion Ratio Lower Upper  
96 100  
61 138.6 98.6 183.2  
98 65.8 44.9 83.3



#18  
Methyl tert-butyl Ether  
Concen: 53.286 ug/L  
RT: 3.117 min Scan# 333  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

Tgt Ion: 73 Resp: 216331  
Ion Ratio Lower Upper  
73 100  
43 24.6 17.9 26.9  
57 29.1 17.8 26.6#





#19

1,1-Dichloroethane

Concen: 85.382 ug/L

RT: 3.617 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA\_X

ClientSampleId :

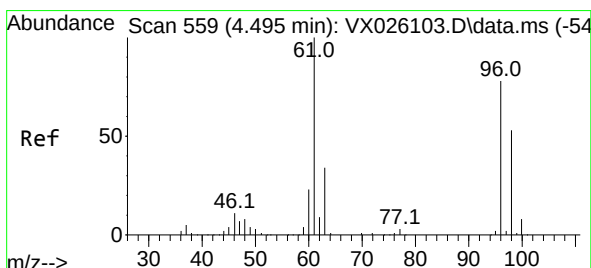
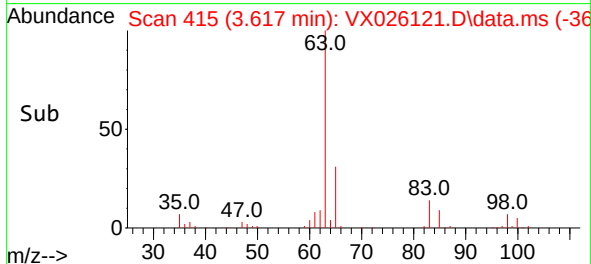
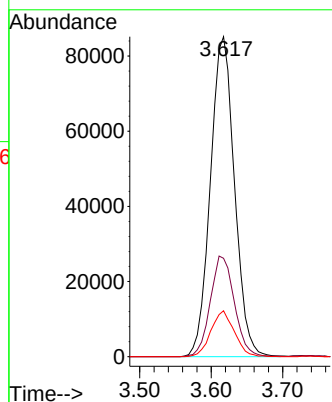
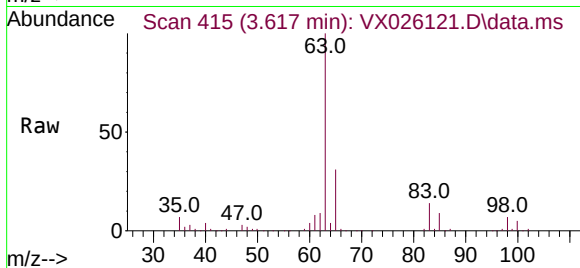
Tgt Ion: 63 Resp: 199560

Ion Ratio Lower Upper

63 100

65 30.8 21.8 40.6

83 14.4 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 131.363 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

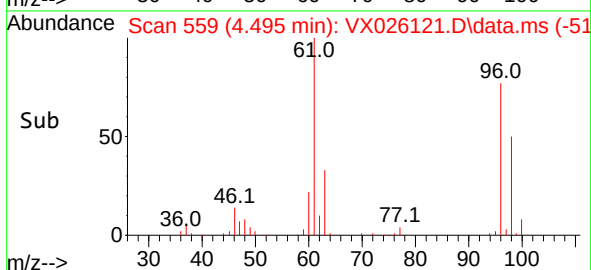
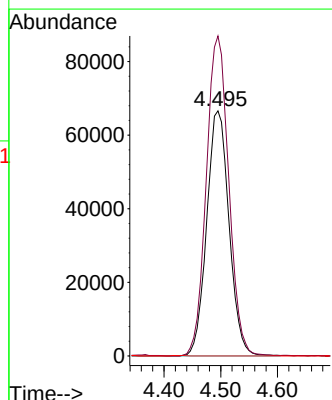
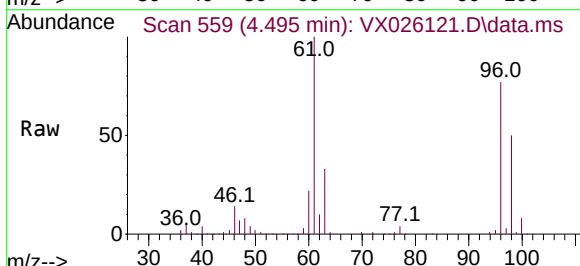
Tgt Ion: 96 Resp: 182559

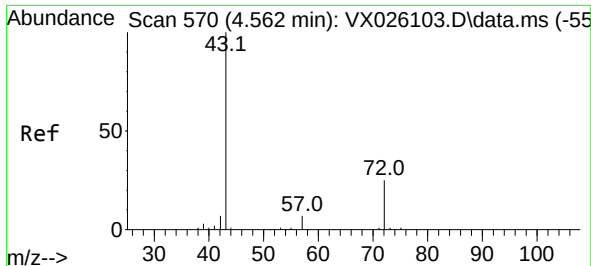
Ion Ratio Lower Upper

96 100

61 130.6 88.8 165.0

68 0.0 0.0 0.0

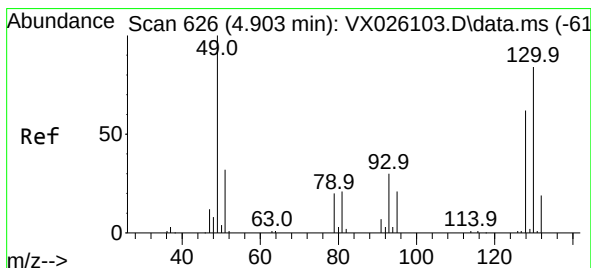
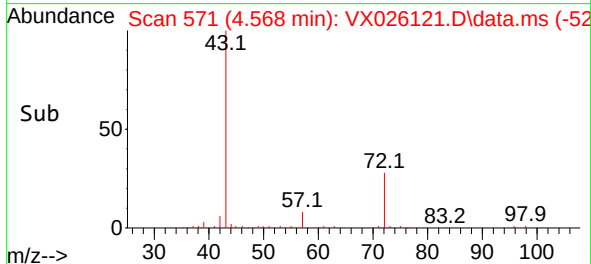
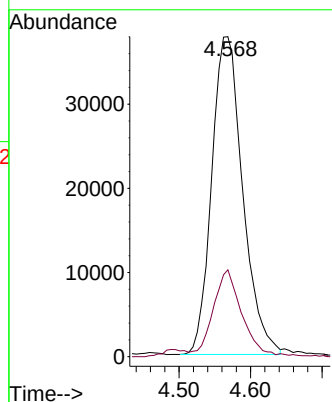
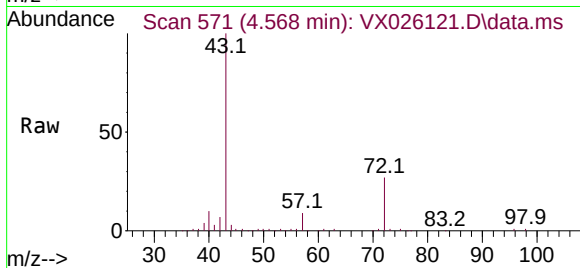




#22  
2-Butanone  
Concen: 86.059 ug/L  
RT: 4.568 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

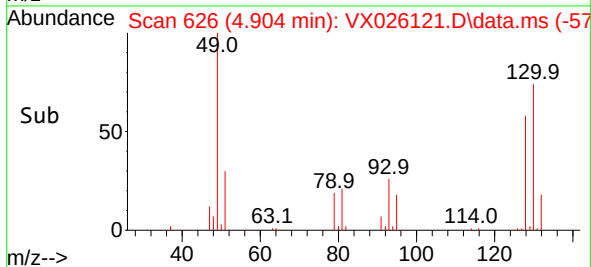
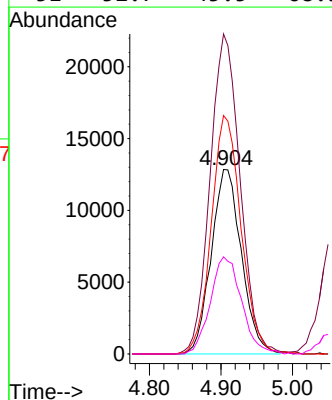
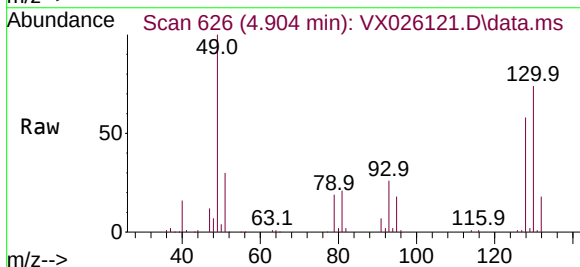
Instrument :  
MSVOA\_X  
ClientSampleId :

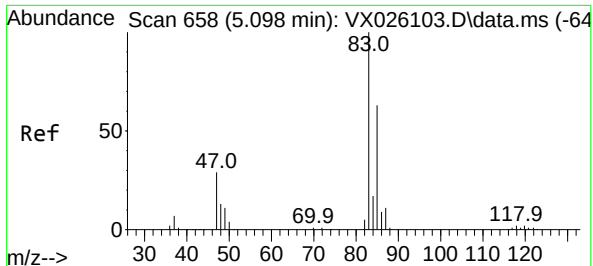
Tgt Ion: 43 Resp: 113803  
Ion Ratio Lower Upper  
43 100  
72 24.4 12.0 36.1



#23  
Bromochloromethane  
Concen: 53.413 ug/L  
RT: 4.904 min Scan# 626  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

Tgt Ion: 128 Resp: 37654  
Ion Ratio Lower Upper  
128 100  
49 173.5 119.8 222.4  
130 129.2 89.2 165.6  
51 52.7 45.5 68.3

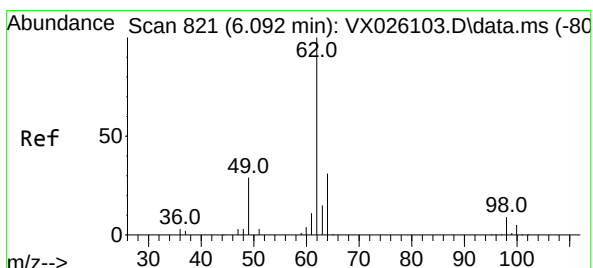
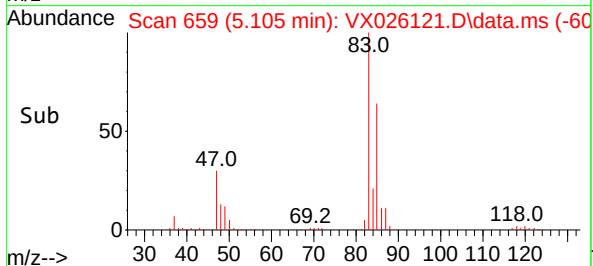
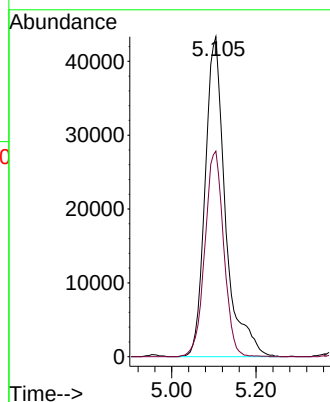
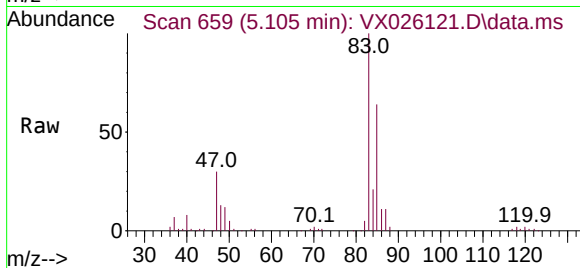




#25  
Chloroform  
Concen: 60.405 ug/L  
RT: 5.105 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

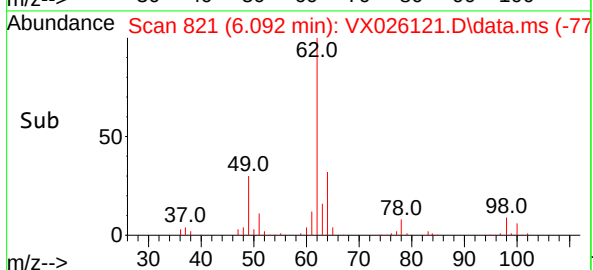
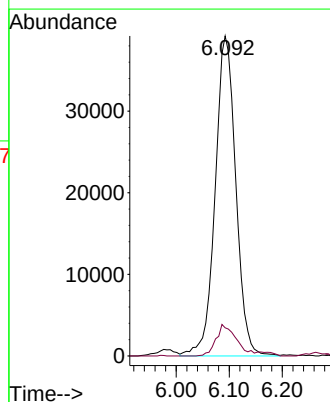
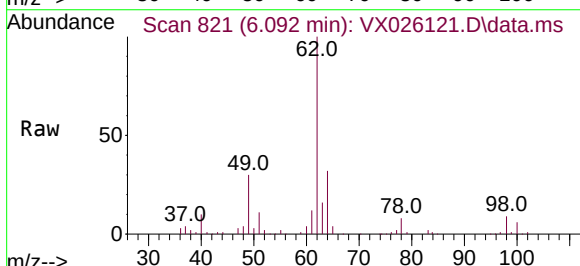
Instrument :  
MSVOA\_X  
ClientSampleId :

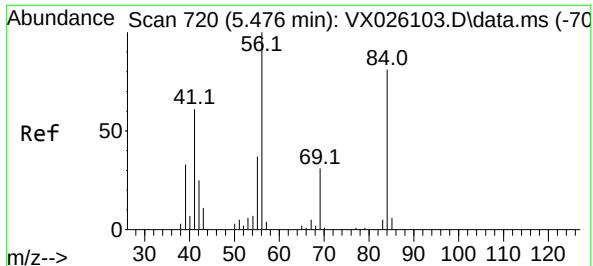
Tgt Ion: 83 Resp: 145175  
Ion Ratio Lower Upper  
83 100  
85 64.2 44.5 82.7



#27  
1,2-Dichloroethane  
Concen: 54.356 ug/L  
RT: 6.092 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

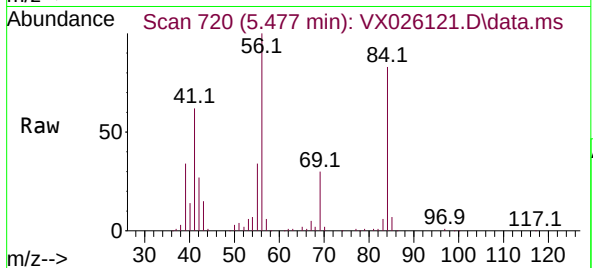
Tgt Ion: 62 Resp: 106120  
Ion Ratio Lower Upper  
62 100  
98 8.8 8.1 12.1



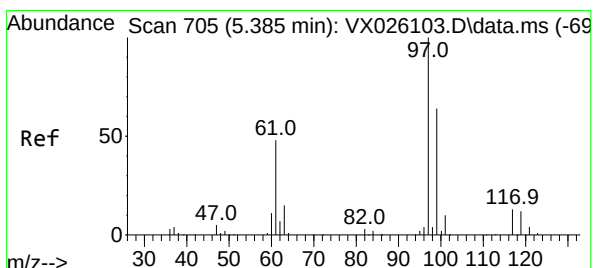
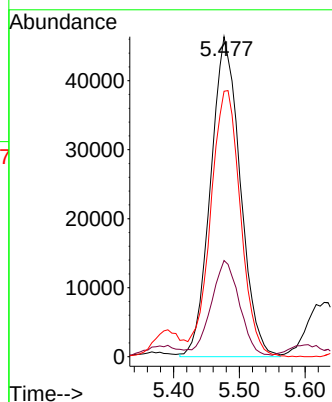
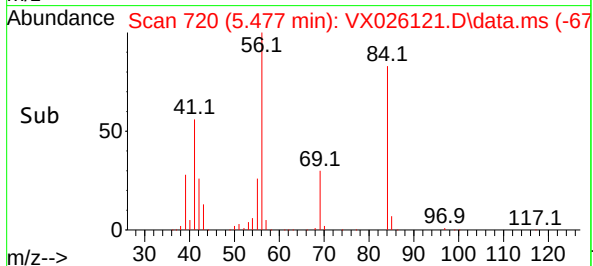


#29  
Cyclohexane  
Concen: 65.364 ug/L  
RT: 5.477 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

Instrument :  
MSVOA\_X  
ClientSampleId :

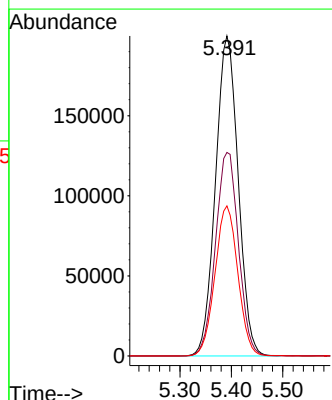
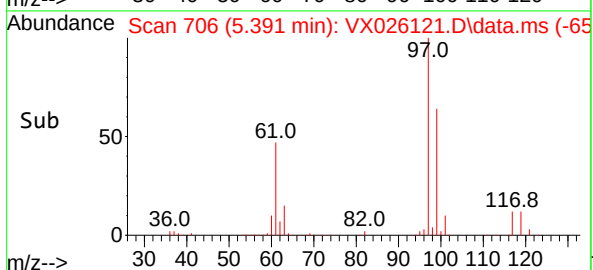
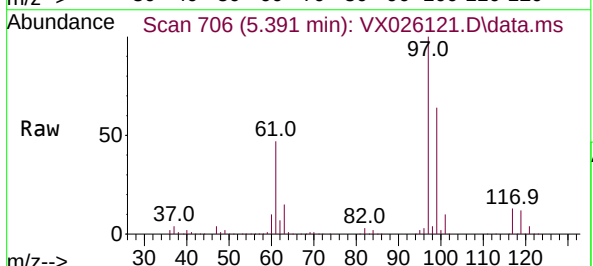


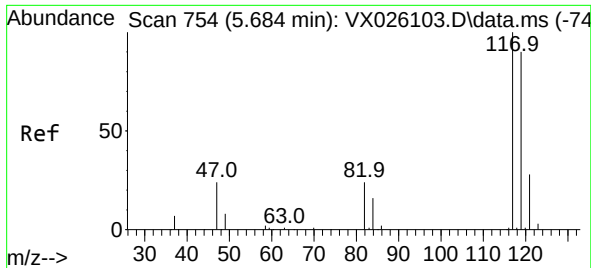
Tgt Ion: 56 Resp: 145382  
Ion Ratio Lower Upper  
56 100  
69 27.7 23.9 35.9  
84 83.6 69.4 104.2



#30  
1,1,1-Trichloroethane  
Concen: 285.116 ug/L  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

Tgt Ion: 97 Resp: 613477  
Ion Ratio Lower Upper  
97 100  
99 64.4 51.6 77.4  
61 47.2 38.3 57.5

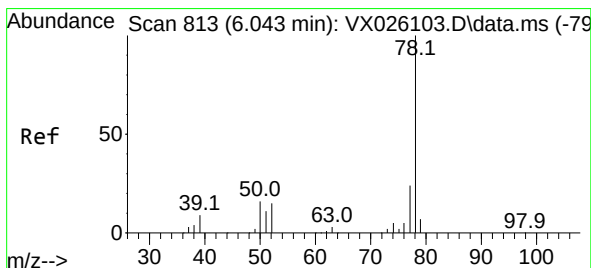
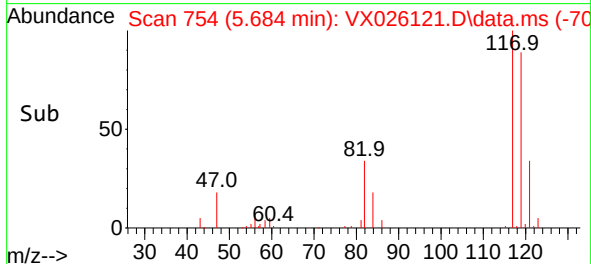
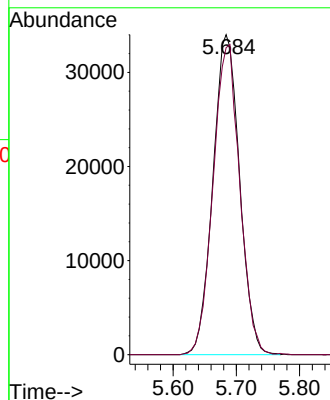
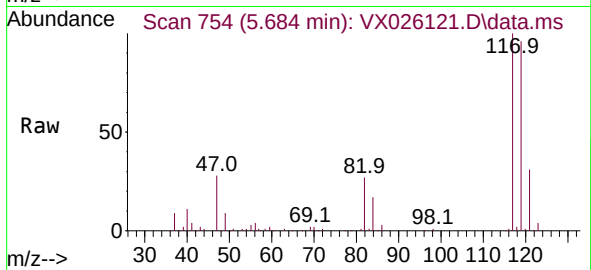




#31  
Carbon tetrachloride  
Concen: 51.413 ug/L  
RT: 5.684 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

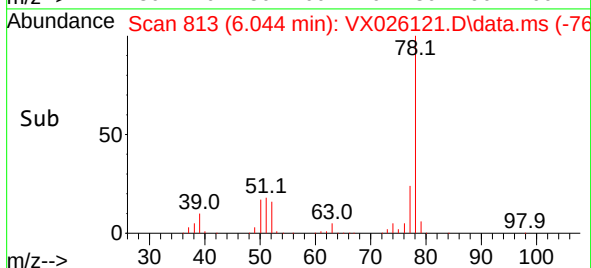
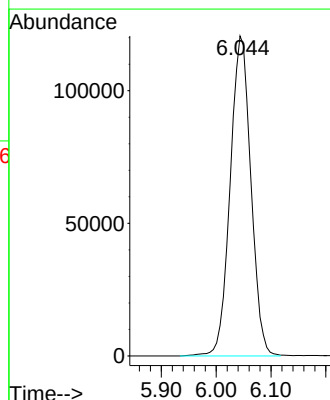
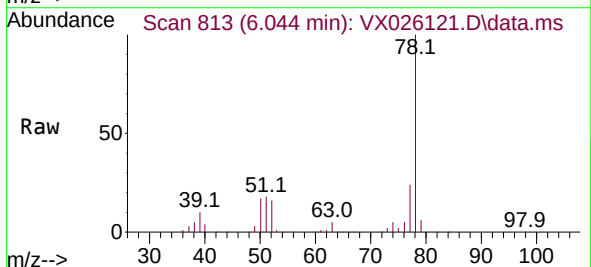
Instrument :  
MSVOA\_X  
ClientSampleId :

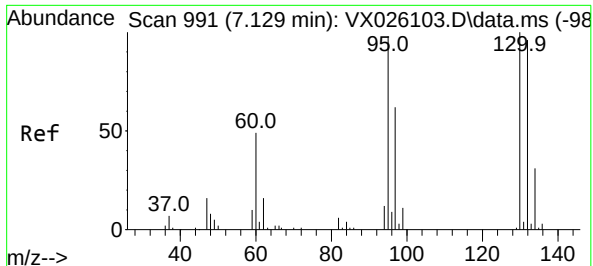
Tgt Ion:117 Resp: 99507  
Ion Ratio Lower Upper  
117 100  
119 96.9 76.7 115.1



#33  
Benzene  
Concen: 60.691 ug/L  
RT: 6.044 min Scan# 813  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

Tgt Ion: 78 Resp: 316696

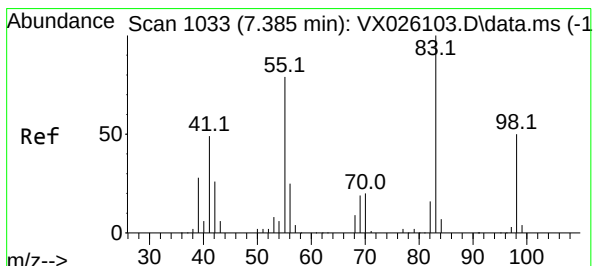
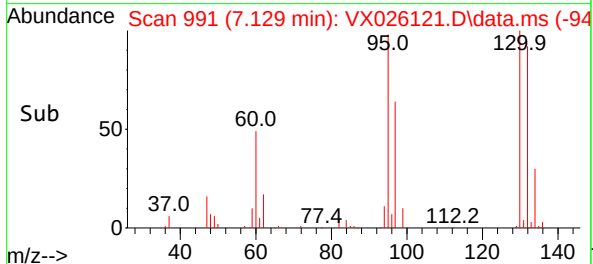
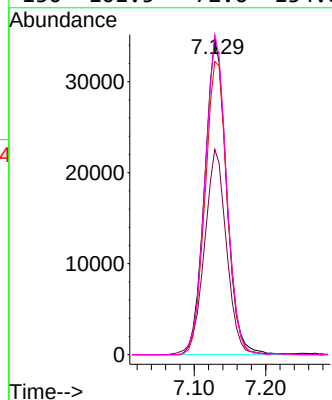
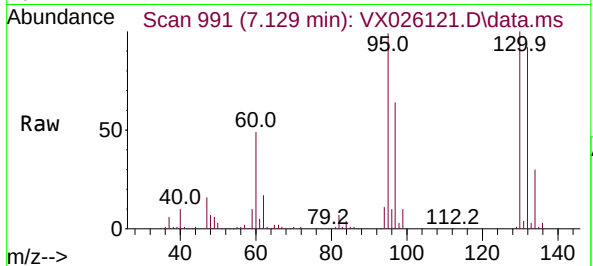




#34  
Trichloroethene  
Concen: 53.686 ug/L  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

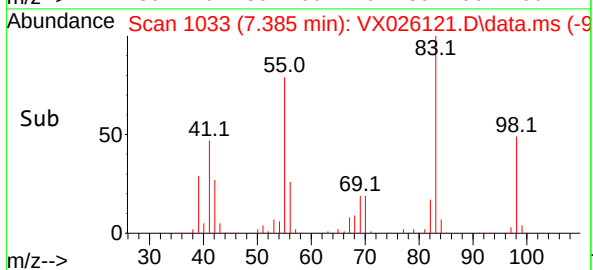
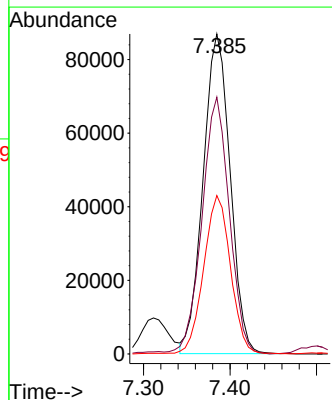
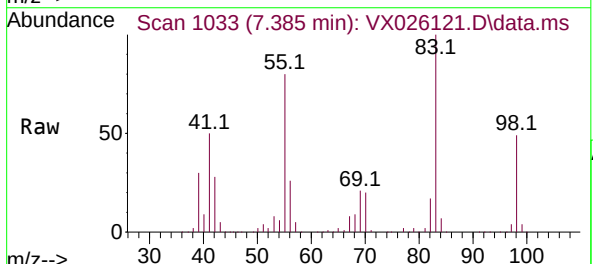
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 95 Resp: 73761  
Ion Ratio Lower Upper  
95 100  
97 65.1 46.3 85.9  
132 92.9 68.7 127.7  
130 101.5 72.6 134.8

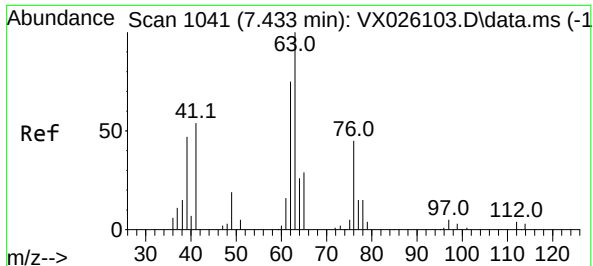


#35  
Methylcyclohexane  
Concen: 89.123 ug/L  
RT: 7.385 min Scan# 1033  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

Tgt Ion: 83 Resp: 188862  
Ion Ratio Lower Upper  
83 100  
55 81.3 62.9 94.3  
98 48.6 40.6 61.0



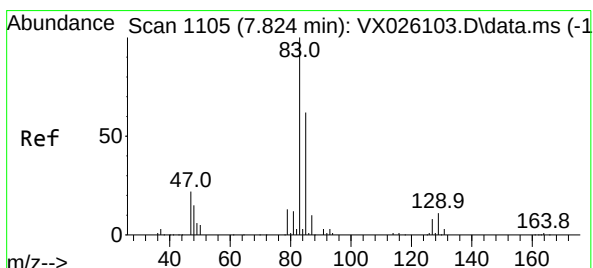
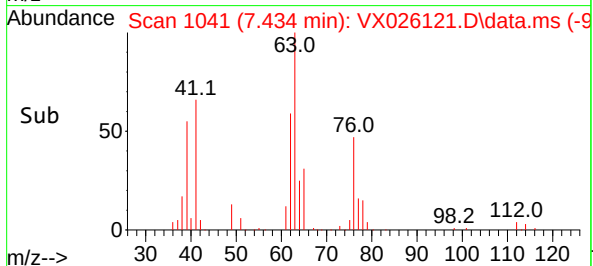
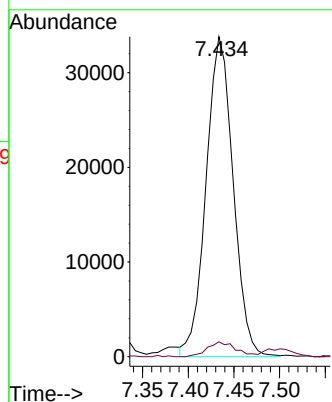
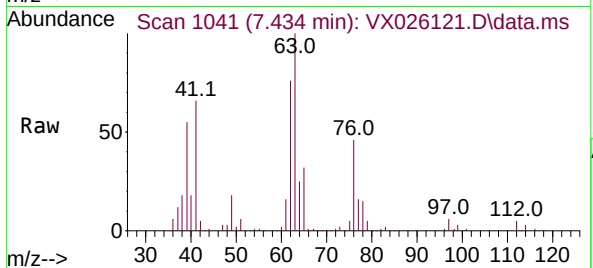




#37  
1,2-Dichloropropane  
Concen: 51.824 ug/L  
RT: 7.434 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

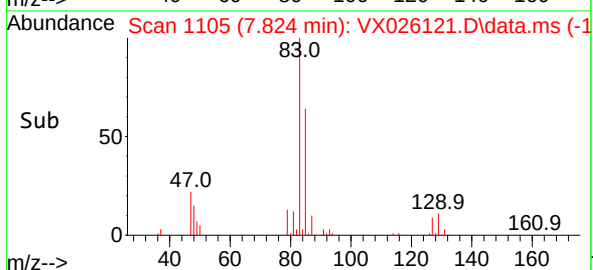
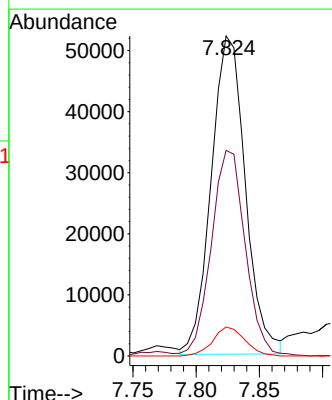
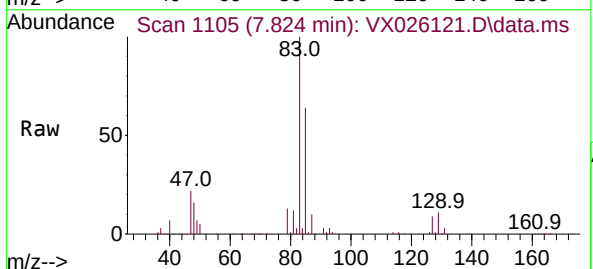
Instrument :  
MSVOA\_X  
ClientSampleId :

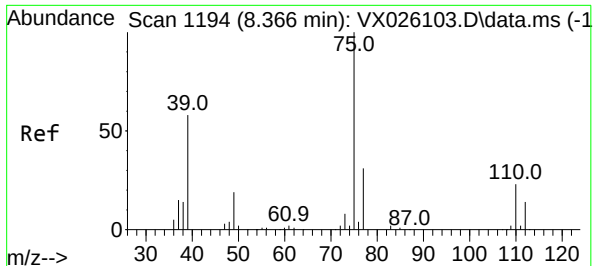
Tgt Ion: 63 Resp: 69621  
Ion Ratio Lower Upper  
63 100  
112 4.9 3.7 5.5



#38  
Bromodichloromethane  
Concen: 52.360 ug/L  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

Tgt Ion: 83 Resp: 97726  
Ion Ratio Lower Upper  
83 100  
85 64.2 44.8 83.2  
127 9.0 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 52.251 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA\_X

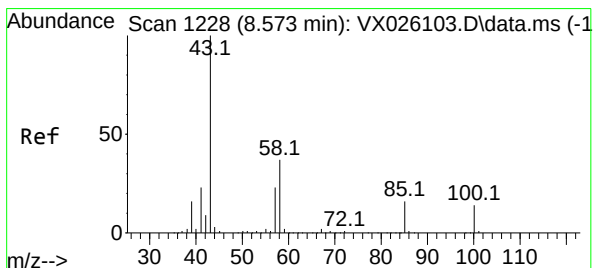
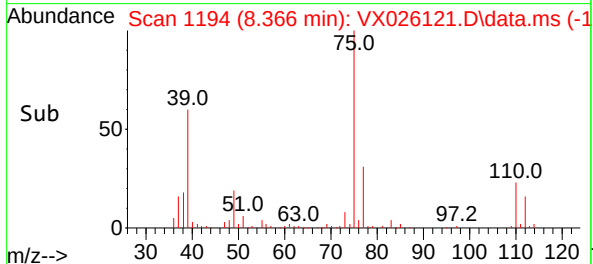
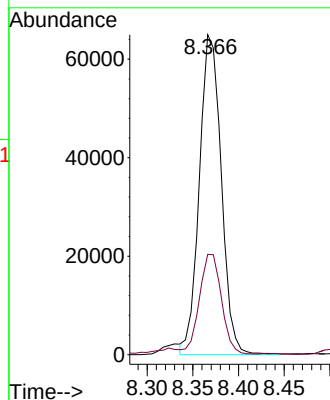
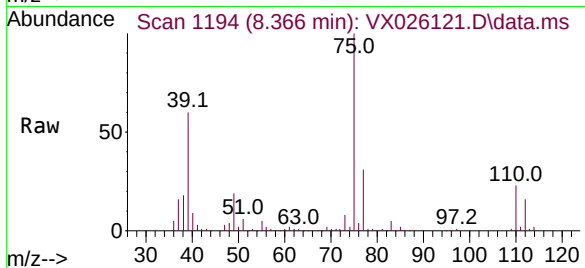
ClientSampleId :

Tgt Ion: 75 Resp: 108248

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 106.689 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

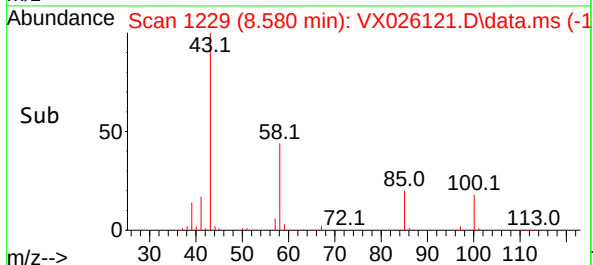
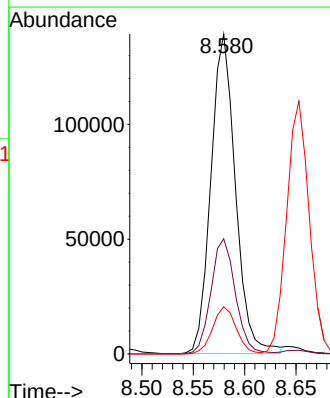
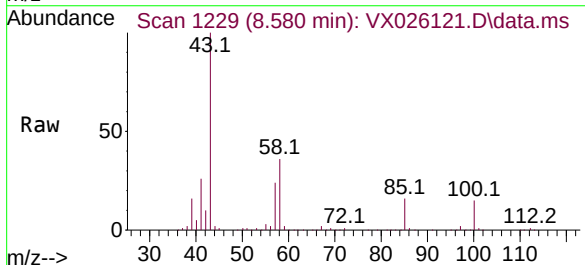
Tgt Ion: 43 Resp: 231267

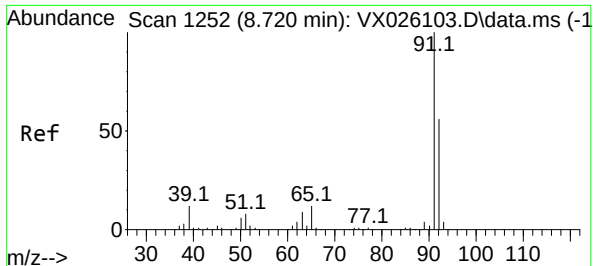
Ion Ratio Lower Upper

43 100

58 35.8 29.5 44.3

100 14.2 11.6 17.4





#42

Toluene

Concen: 383.095 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA\_X

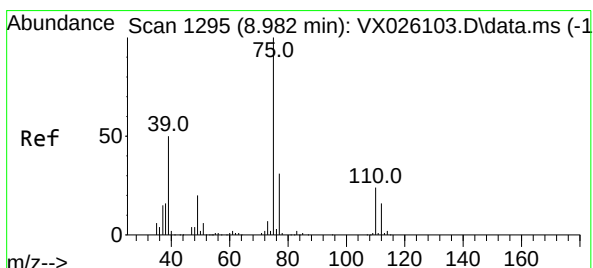
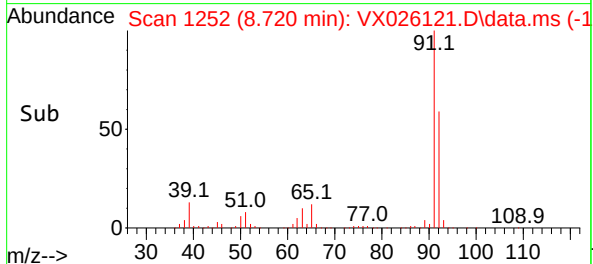
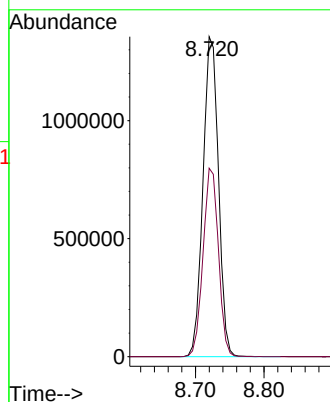
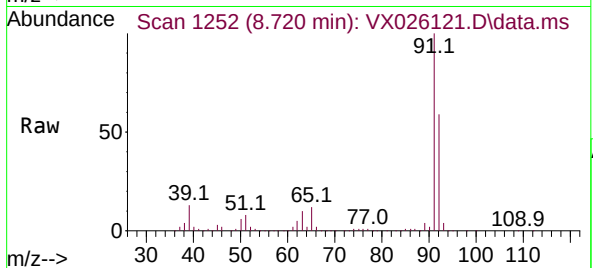
ClientSampleId :

Tgt Ion: 91 Resp: 2129249

Ion Ratio Lower Upper

91 100

92 58.9 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 52.722 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX026121.D

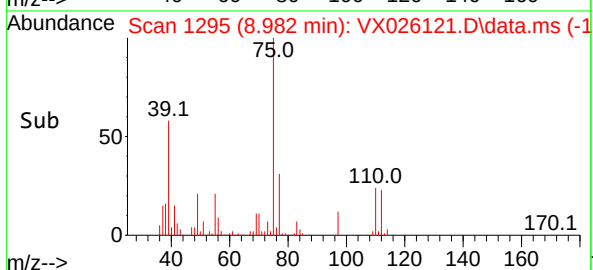
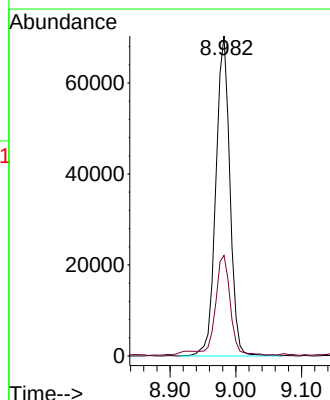
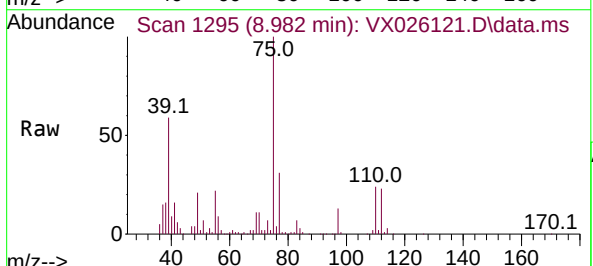
Acq: 29 Dec 2021 00:37

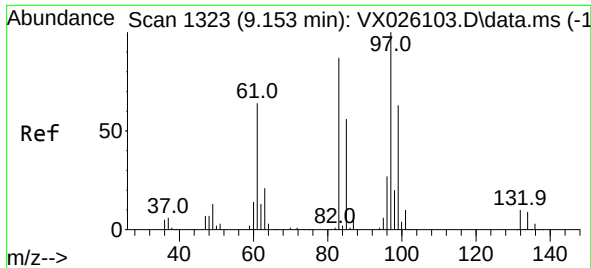
Tgt Ion: 75 Resp: 104648

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.7

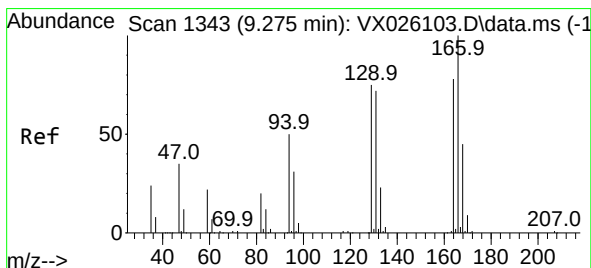
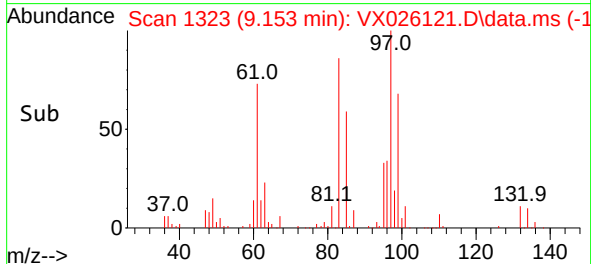
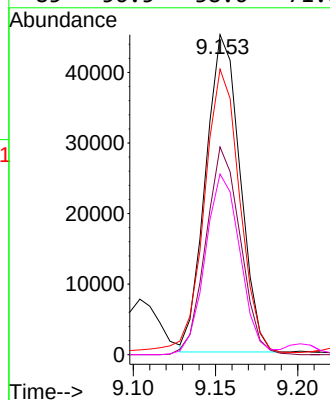
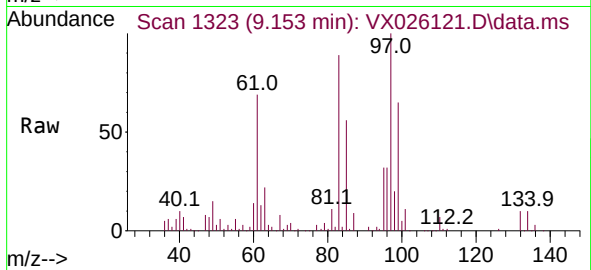




#45  
1,1,2-Trichloroethane  
Concen: 51.031 ug/L  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

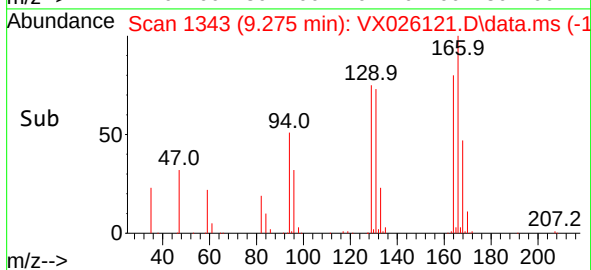
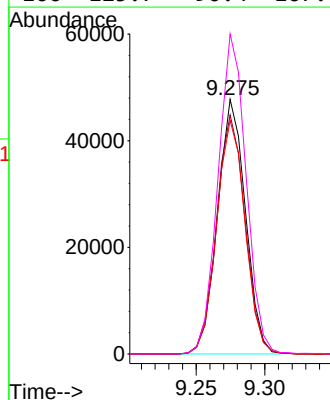
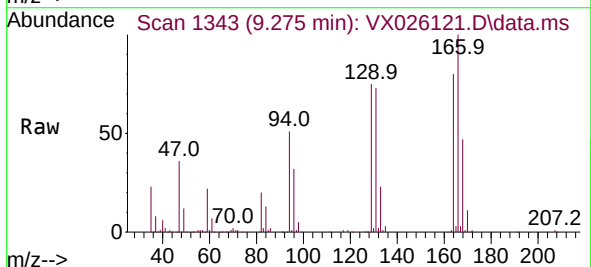
Instrument :  
MSVOA\_X  
ClientSampleId :

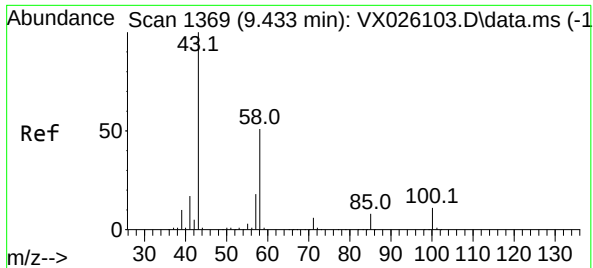
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 65409 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 99 64.9     | 43.2 80.2   |
| 83 89.2     | 60.3 111.9  |
| 85 56.5     | 38.6 71.8   |



#46  
Tetrachloroethene  
Concen: 66.507 ug/L  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

|             |             |
|-------------|-------------|
| Tgt Ion:164 | Resp: 67546 |
| Ion Ratio   | Lower Upper |
| 164 100     |             |
| 129 94.0    | 66.3 123.1  |
| 131 91.8    | 63.6 118.0  |
| 166 125.7   | 90.4 167.8  |

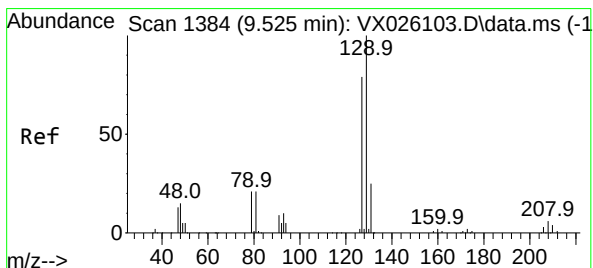
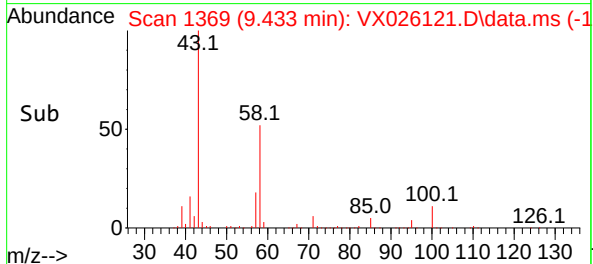
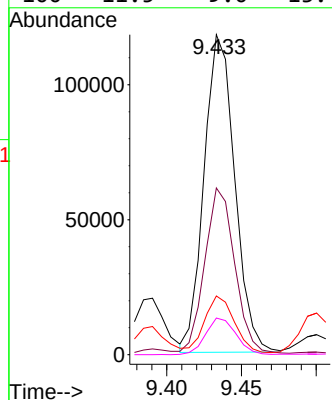
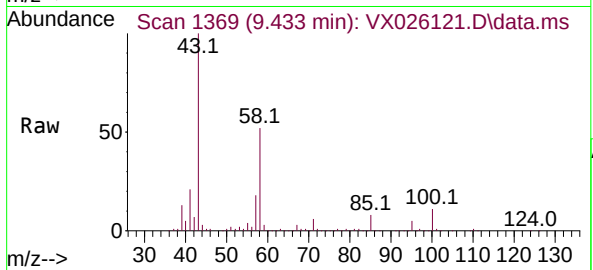




#48  
2-Hexanone  
Concen: 94.075 ug/L  
RT: 9.433 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

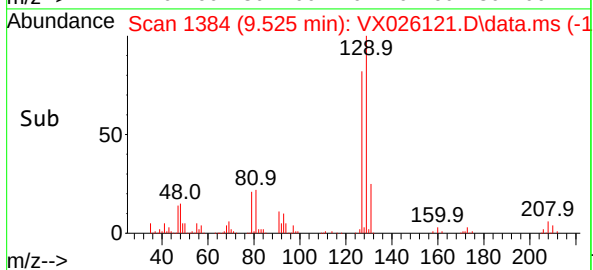
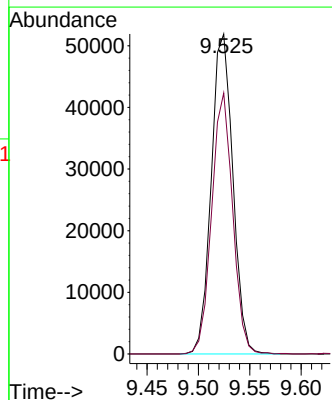
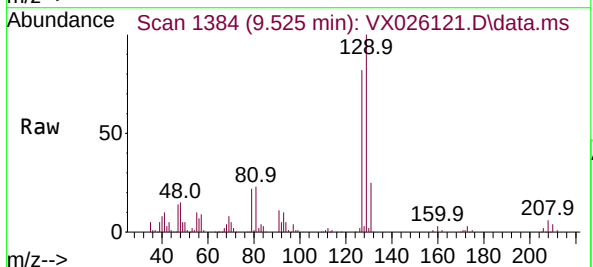
Instrument :  
MSVOA\_X  
ClientSampleId :

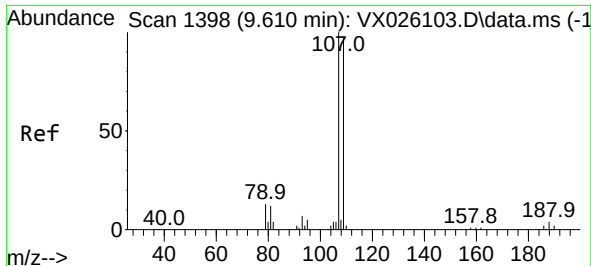
Tgt Ion: 43 Resp: 167946  
Ion Ratio Lower Upper  
43 100  
58 52.2 40.8 61.2  
57 17.6 14.3 21.5  
100 11.5 9.0 13.4



#49  
Dibromochloromethane  
Concen: 51.840 ug/L  
RT: 9.525 min Scan# 1384  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

Tgt Ion: 129 Resp: 75841  
Ion Ratio Lower Upper  
129 100  
127 81.6 54.0 100.2





#50

1,2-Dibromoethane

Concen: 52.515 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX026121.D

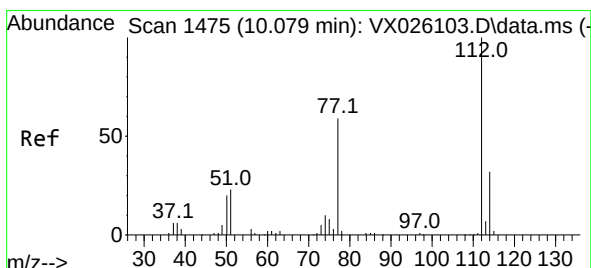
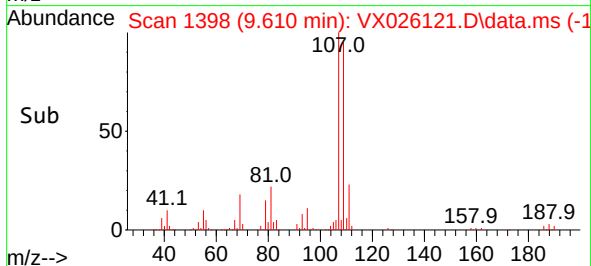
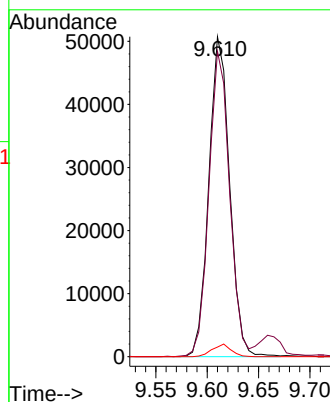
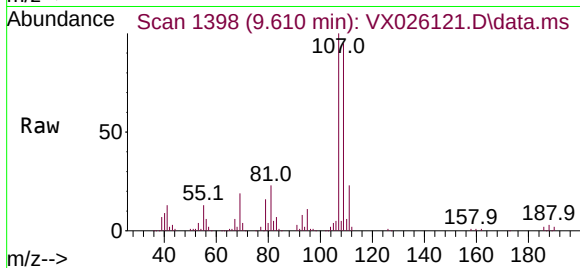
Acq: 29 Dec 2021 00:37

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:107 | Resp: | 71651      |
| Ion Ratio   | Lower | Upper      |
| 107         | 100   |            |
| 109         | 95.5  | 63.5 117.9 |
| 188         | 3.0   | 2.9 4.3    |



#51

Chlorobenzene

Concen: 54.138 ug/L

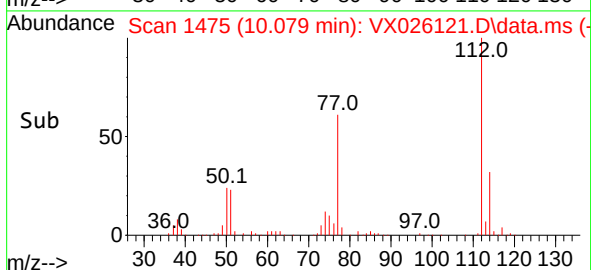
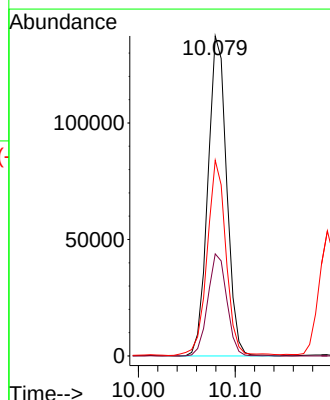
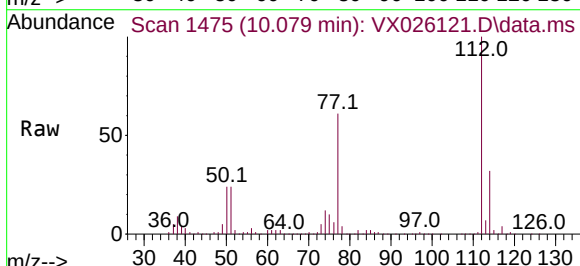
RT: 10.079 min Scan# 1475

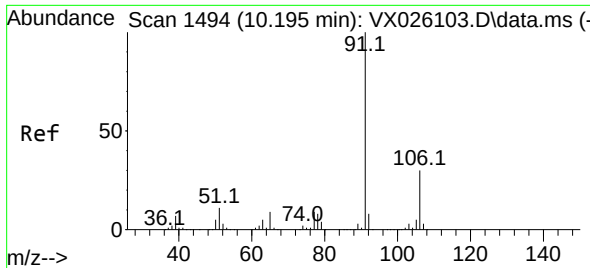
Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:112 | Resp: | 185505    |
| Ion Ratio   | Lower | Upper     |
| 112         | 100   |           |
| 114         | 31.9  | 22.2 41.2 |
| 77          | 61.1  | 47.8 71.8 |

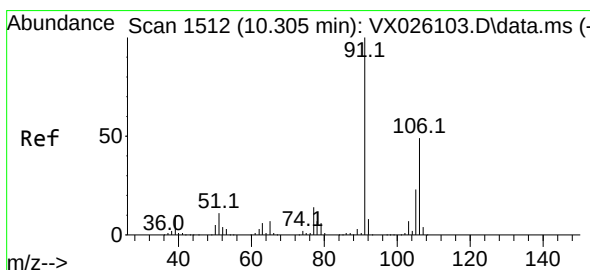
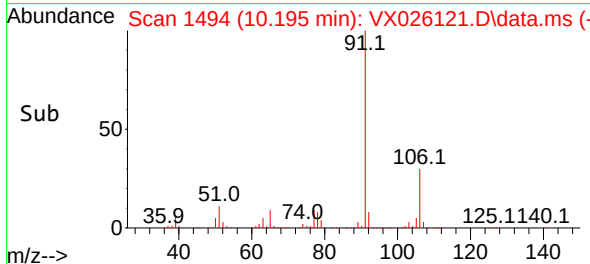
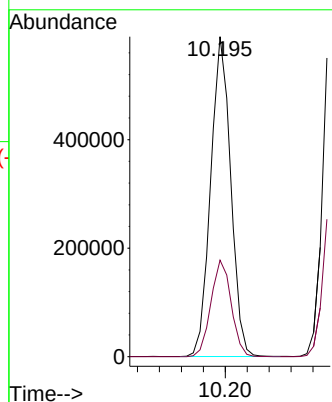
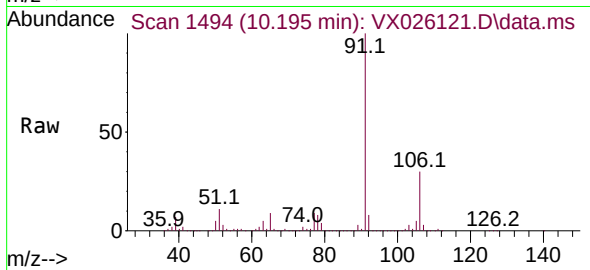




#52  
Ethylbenzene  
Concen: 127.908 ug/L  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

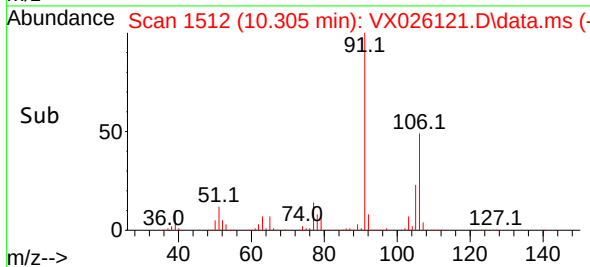
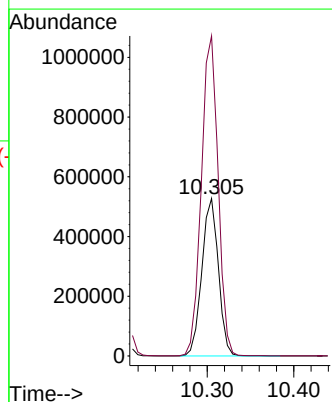
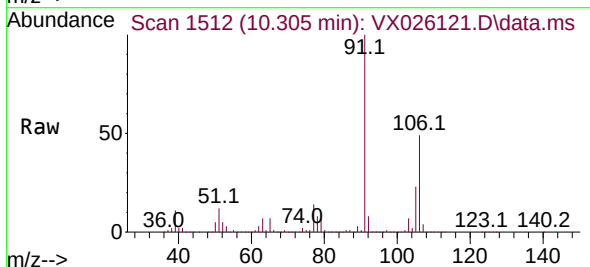
Instrument :  
MSVOA\_X  
ClientSampleId :

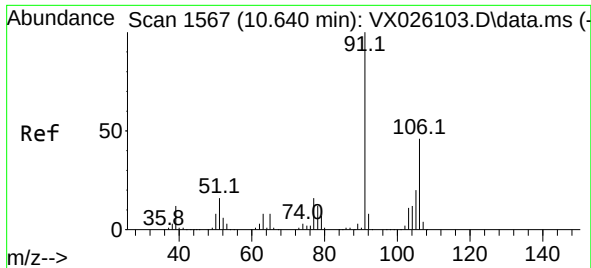
Tgt Ion: 91 Resp: 747317  
Ion Ratio Lower Upper  
91 100  
106 30.1 21.5 39.9



#53  
m,p-Xylene  
Concen: 313.130 ug/L  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

Tgt Ion: 106 Resp: 698247  
Ion Ratio Lower Upper  
106 100  
91 203.2 139.7 259.5

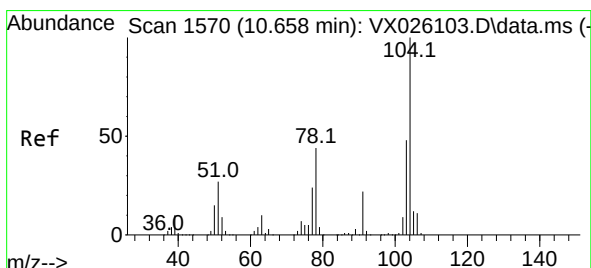
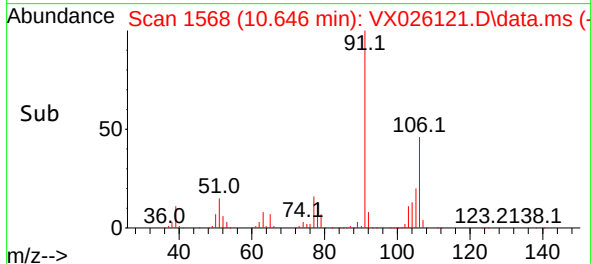
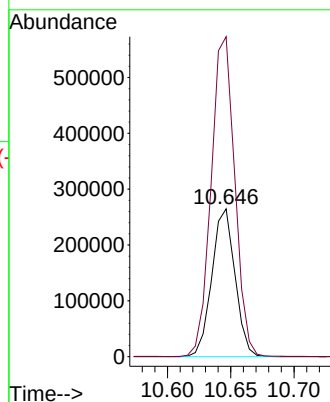
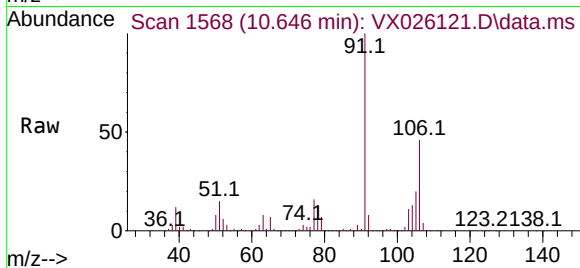




#54  
o-Xylene  
Concen: 155.589 ug/L  
RT: 10.646 min Scan# 1567  
Delta R.T. 0.006 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

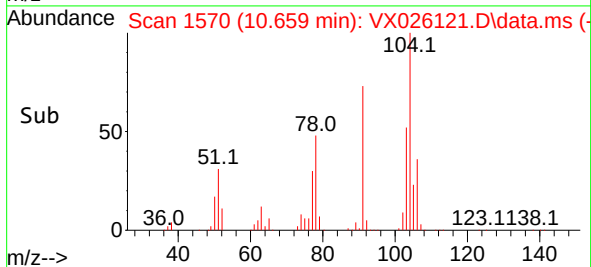
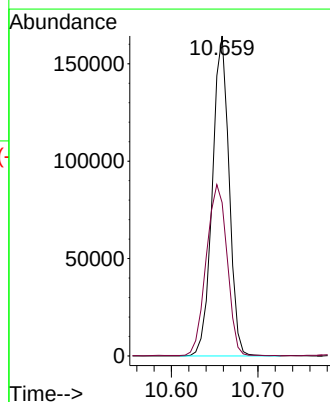
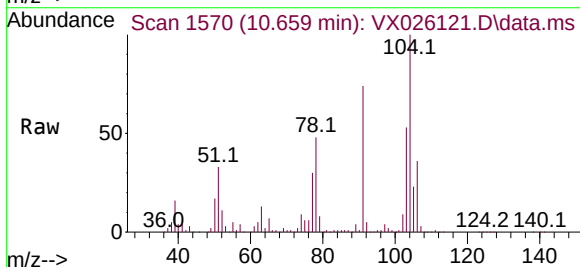
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:106 Resp: 337031  
Ion Ratio Lower Upper  
106 100  
91 216.4 149.1 276.9

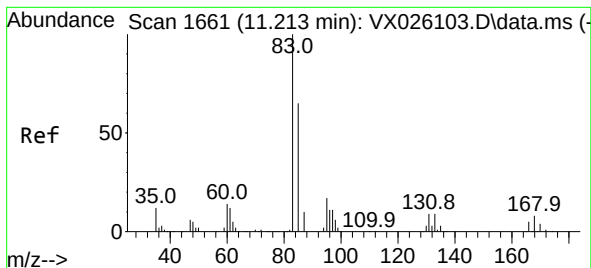


#55  
Styrene  
Concen: 59.227 ug/L  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

Tgt Ion:104 Resp: 220234  
Ion Ratio Lower Upper  
104 100  
78 47.9 30.2 56.0



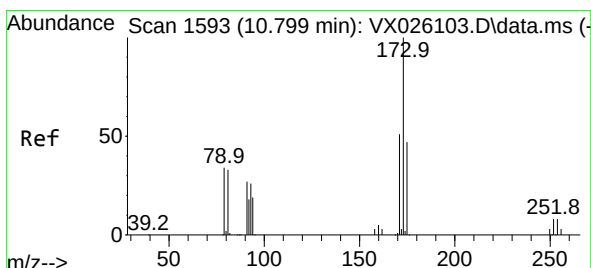
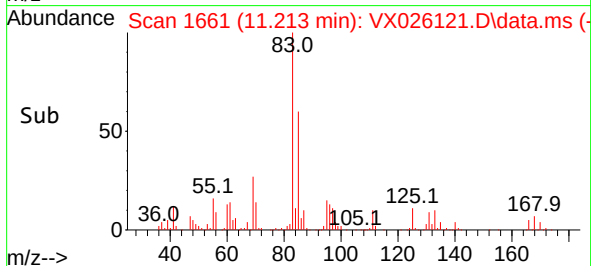
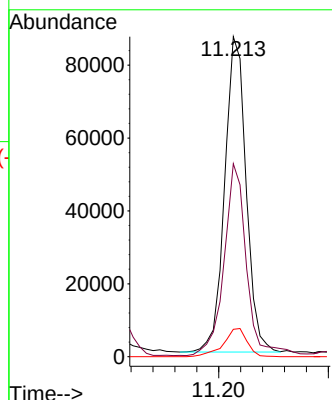
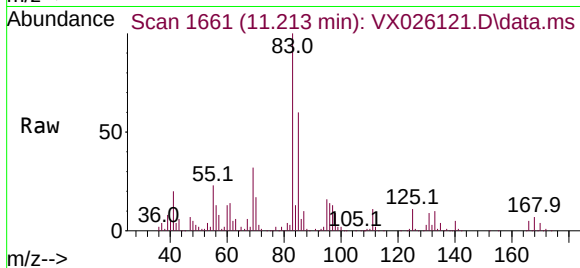




#57  
1,1,2,2-Tetrachloroethane  
Concen: 58.420 ug/L  
RT: 11.213 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

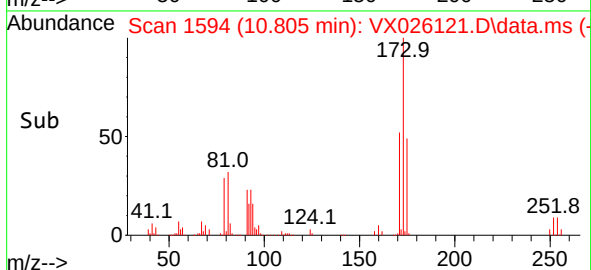
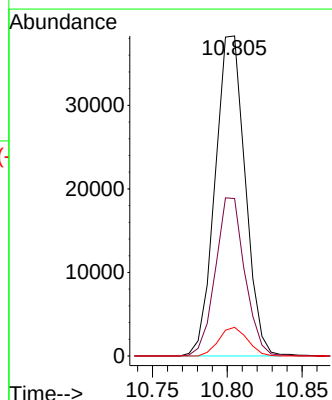
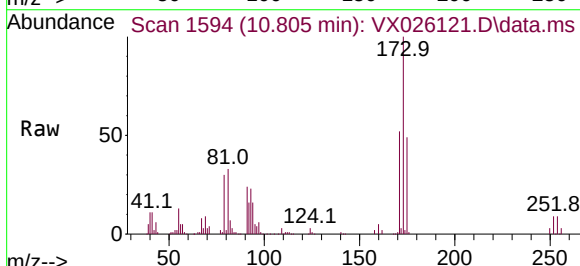
Instrument :  
MSVOA\_X  
ClientSampleId :

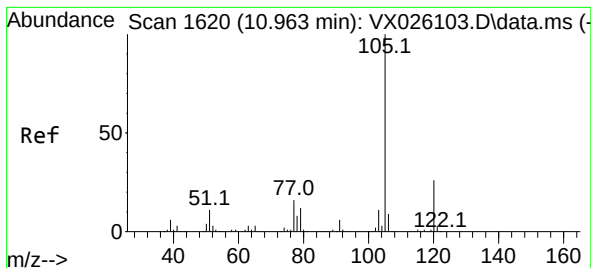
Tgt Ion: 83 Resp: 117601  
Ion Ratio Lower Upper  
83 100  
85 60.3 45.5 84.5  
131 8.6 7.9 11.9



#59  
Bromoform  
Concen: 49.330 ug/L  
RT: 10.805 min Scan# 1594  
Delta R.T. 0.006 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

Tgt Ion:173 Resp: 53614  
Ion Ratio Lower Upper  
173 100  
175 48.4 38.8 58.2  
254 8.6 7.0 10.6





#60

Isopropylbenzene

Concen: 64.074 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA\_X

ClientSampleId :

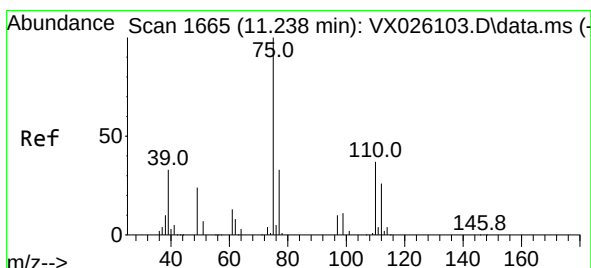
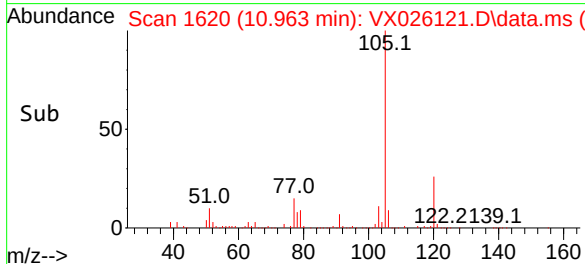
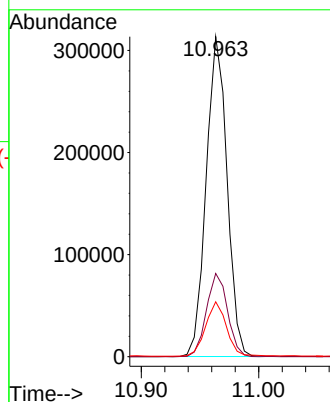
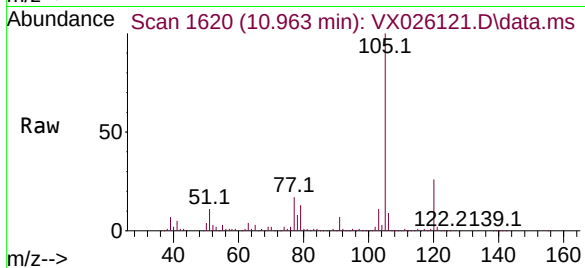
Tgt Ion:105 Resp: 386886

Ion Ratio Lower Upper

105 100

120 26.1 21.2 31.8

77 17.2 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 51.674 ug/L

RT: 11.244 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

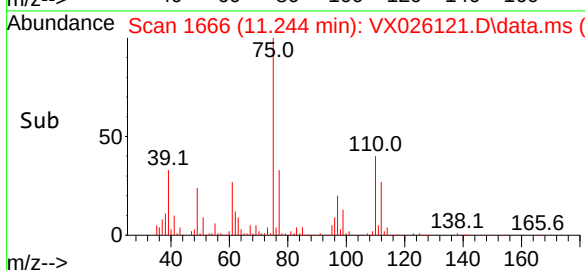
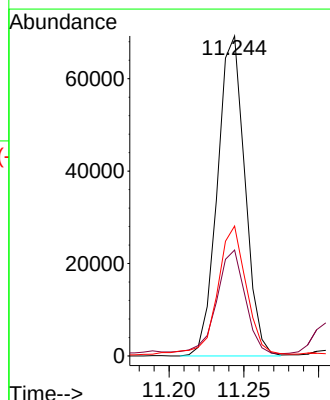
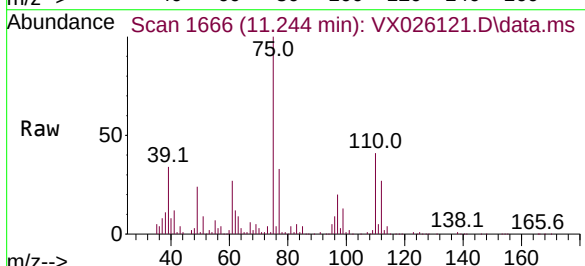
Tgt Ion: 75 Resp: 88415

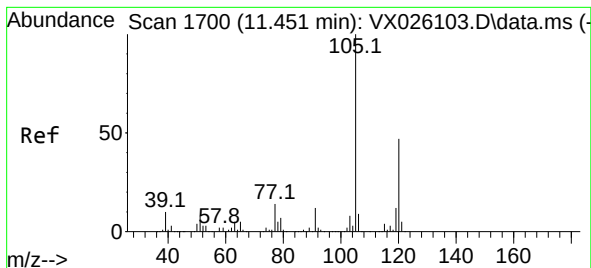
Ion Ratio Lower Upper

75 100

77 33.6 25.4 38.2

110 42.5 33.2 49.8





#62

1,3,5-Trimethylbenzene

Concen: 106.192 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA\_X

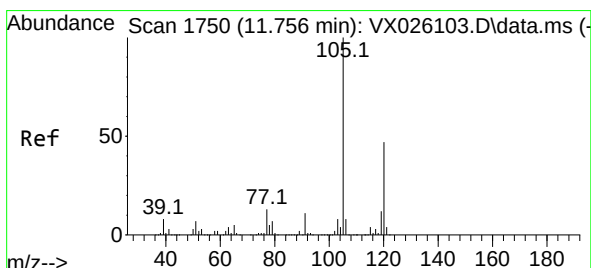
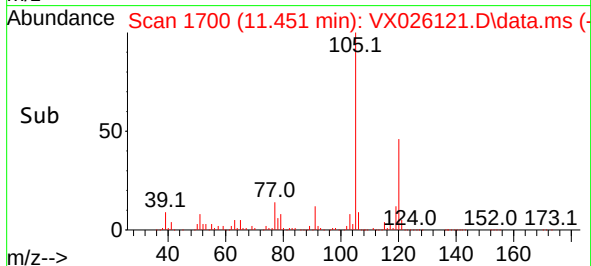
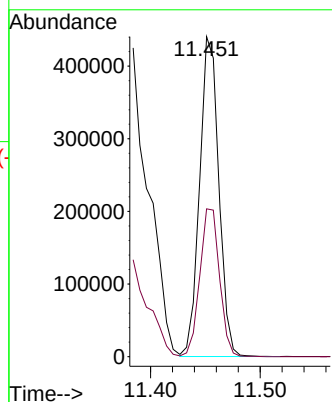
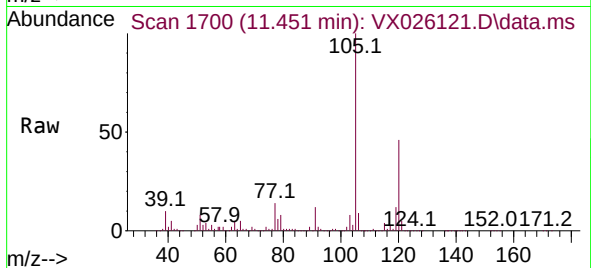
ClientSampleId :

Tgt Ion:105 Resp: 533881

Ion Ratio Lower Upper

105 100

120 47.4 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 223.120 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX026121.D

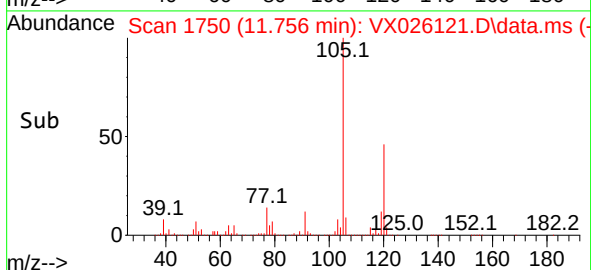
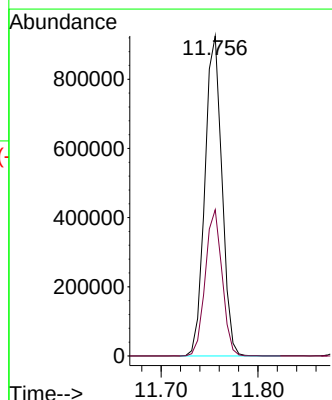
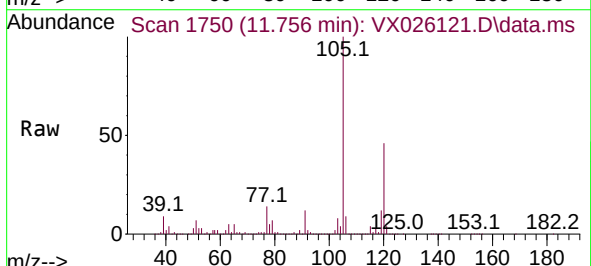
Acq: 29 Dec 2021 00:37

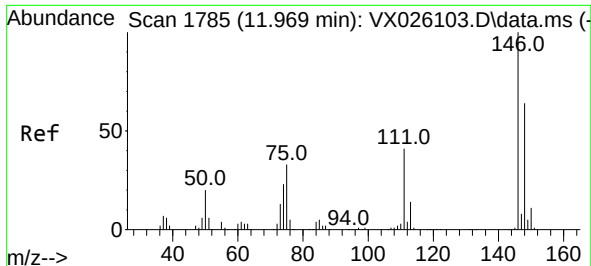
Tgt Ion:105 Resp: 1131013

Ion Ratio Lower Upper

105 100

120 45.1 36.5 54.7

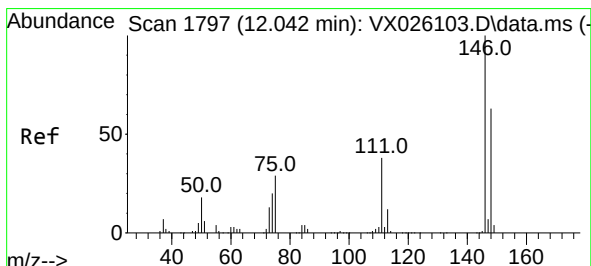
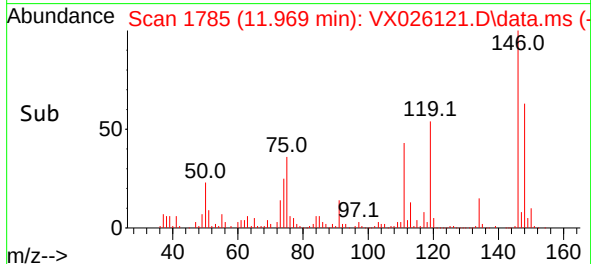
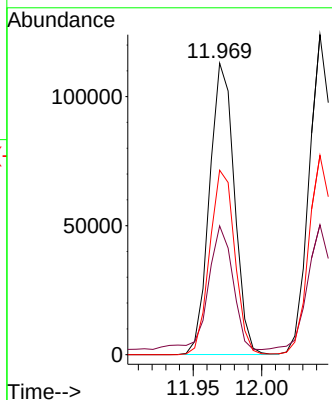
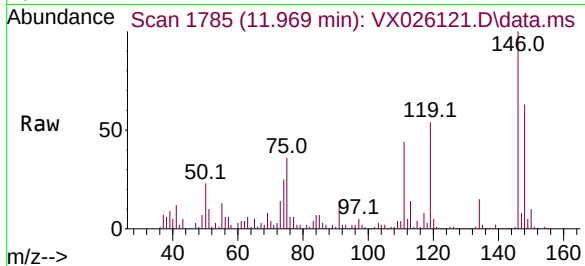




#64  
1,3-Dichlorobenzene  
Concen: 53.999 ug/L  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

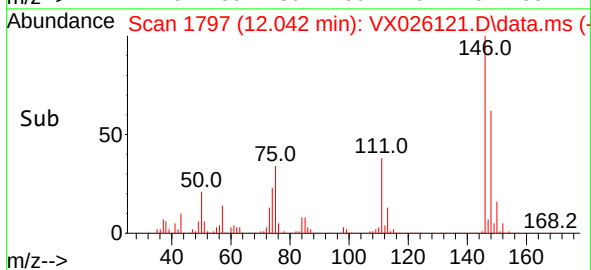
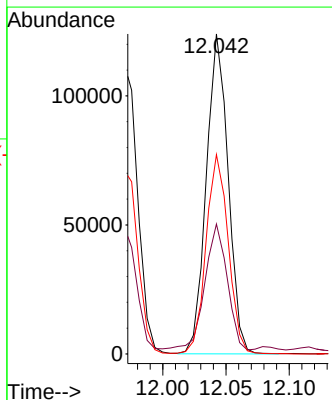
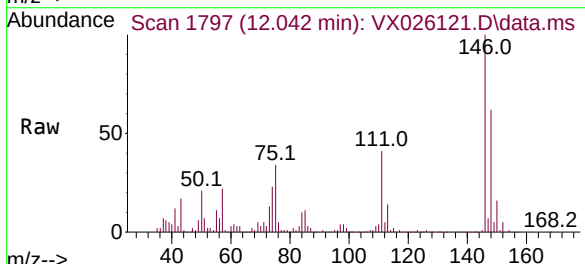
Instrument :  
MSVOA\_X  
ClientSampleId :

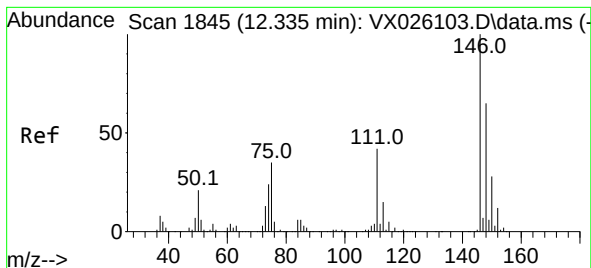
Tgt Ion:146 Resp: 142407  
Ion Ratio Lower Upper  
146 100  
111 44.2 29.4 54.6  
148 63.3 45.1 83.9



#65  
1,4-Dichlorobenzene  
Concen: 55.066 ug/L  
RT: 12.042 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

Tgt Ion:146 Resp: 148803  
Ion Ratio Lower Upper  
146 100  
111 40.6 27.4 51.0  
148 62.3 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 62.997 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA\_X

ClientSampleId :

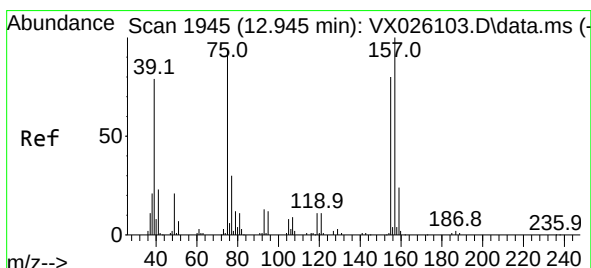
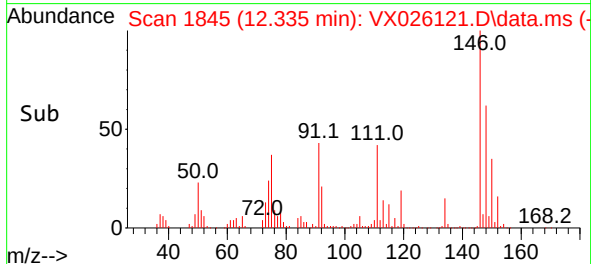
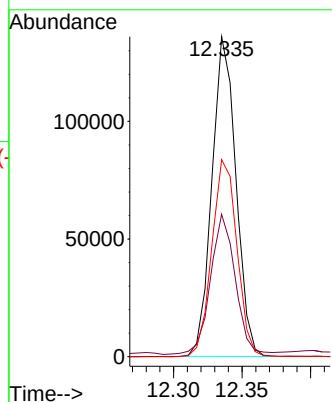
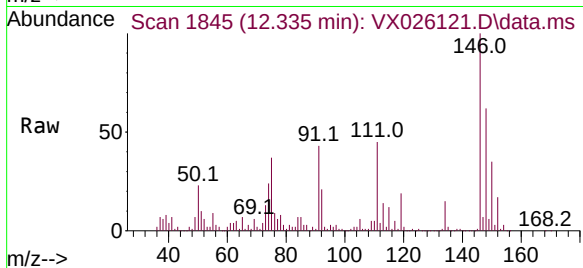
Tgt Ion:146 Resp: 165518

Ion Ratio Lower Upper

146 100

111 44.5 33.1 49.7

148 61.6 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 59.143 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

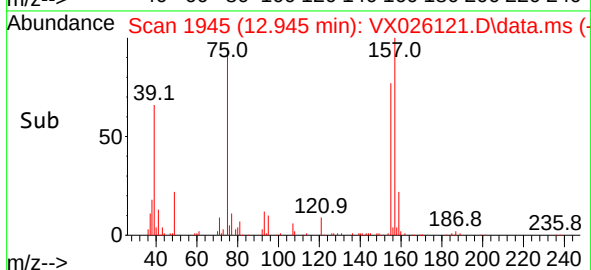
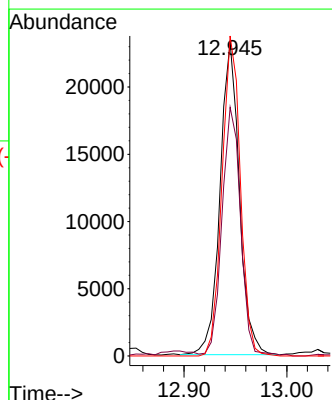
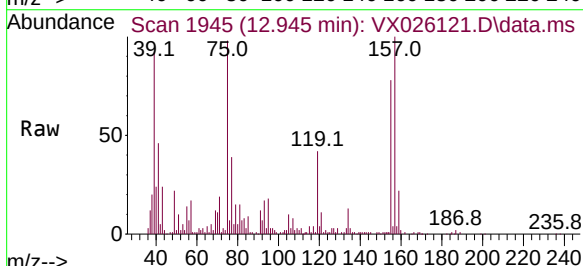
Tgt Ion: 75 Resp: 30354

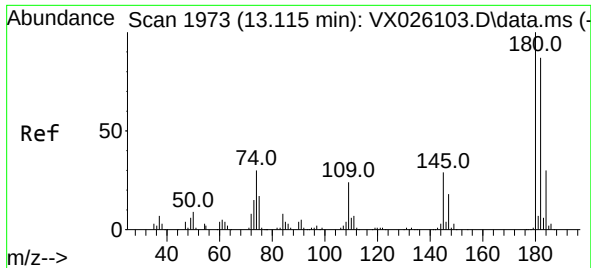
Ion Ratio Lower Upper

75 100

155 79.1 65.5 98.3

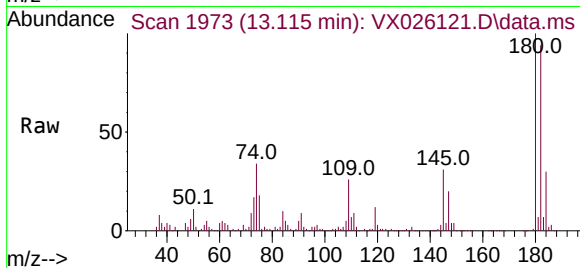
157 101.9 85.9 128.9



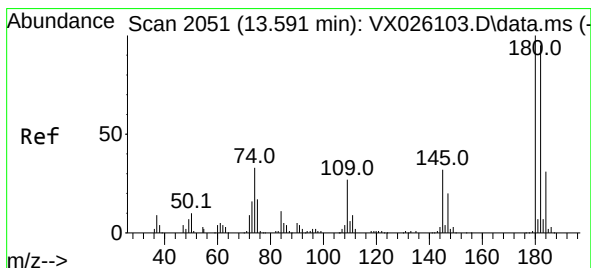
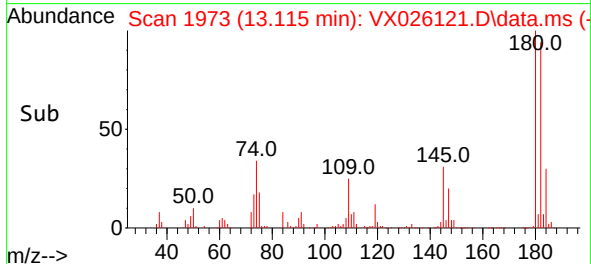
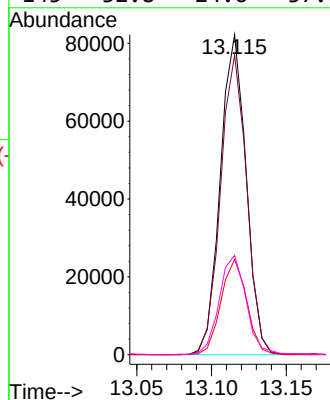


#69  
 1,3,5-Trichlorobenzene  
 Concen: 54.870 ug/L  
 RT: 13.115 min Scan# 1973  
 Delta R.T. 0.000 min  
 Lab File: VX026121.D  
 Acq: 29 Dec 2021 00:37

Instrument :  
 MSVOA\_X  
 ClientSampleId :

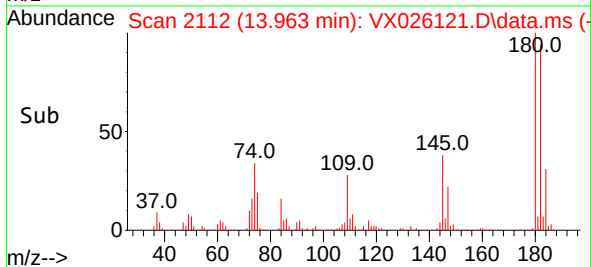
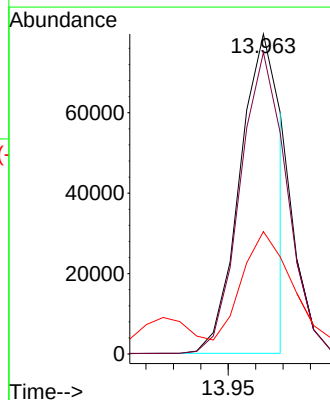
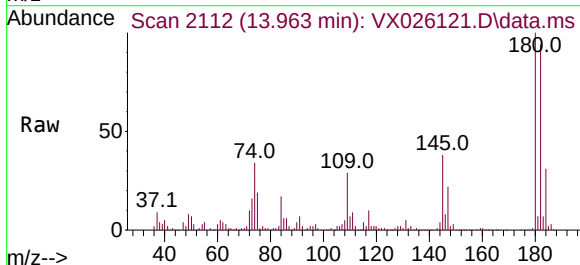


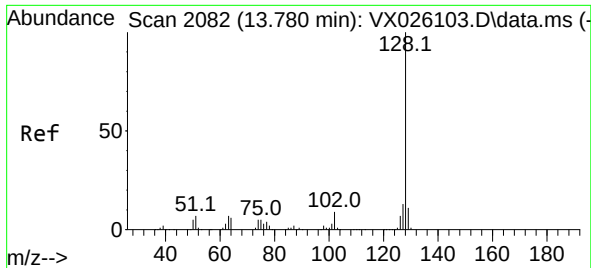
Tgt Ion:180 Resp: 98344  
 Ion Ratio Lower Upper  
 180 100  
 182 94.7 75.4 113.2  
 184 29.9 24.1 36.1  
 145 32.8 24.6 37.0



#70  
 1,2,4-trichlorobenzene  
 Concen: 51.739 ug/L  
 RT: 13.963 min Scan# 2112  
 Delta R.T. 0.372 min  
 Lab File: VX026121.D  
 Acq: 29 Dec 2021 00:37

Tgt Ion:180 Resp: 83467  
 Ion Ratio Lower Upper  
 180 100  
 182 92.8 74.8 112.2  
 145 31.9 24.9 37.3

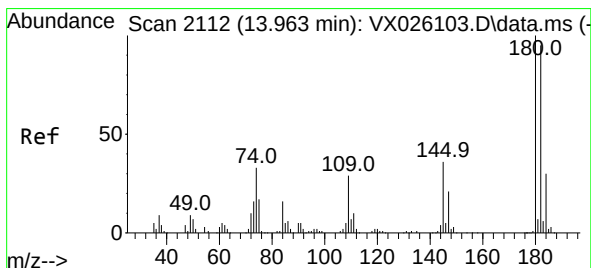
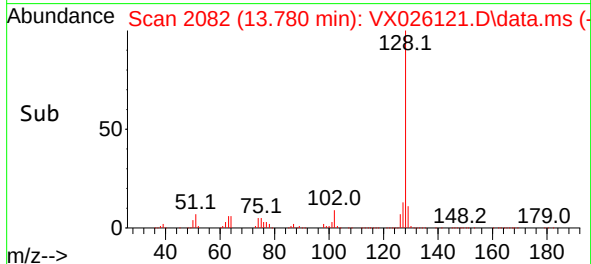
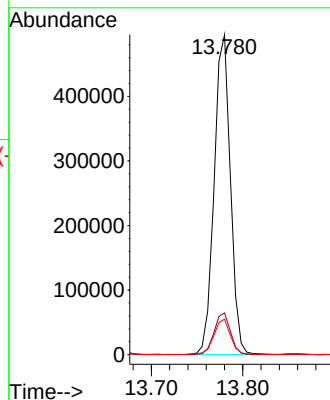
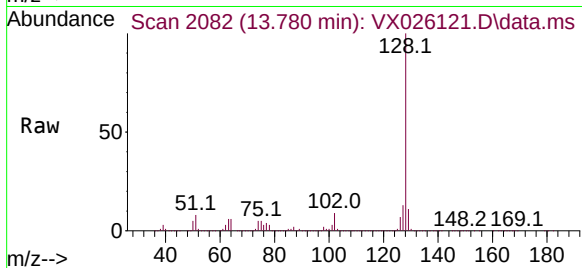




#71  
Naphthalene  
Concen: 100.463 ug/L  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:128 Resp: 609629  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.4 15.6  
129 11.4 8.6 12.8



#72  
1,2,3-Trichlorobenzene  
Concen: 58.067 ug/L  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX026121.D  
Acq: 29 Dec 2021 00:37

Tgt Ion:180 Resp: 95056  
Ion Ratio Lower Upper  
180 100  
182 93.3 76.6 115.0  
145 36.5 26.6 39.8

