

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080921\  
 Data File : VX023611.D  
 Acq On : 09 Aug 2021 14:04  
 Operator : JC/MD  
 Sample : VX0809WBS02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 10 03:57:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X080321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Aug 03 12:05:42 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-----------|----------|
| -----                        |        |       |          |          |           |          |
| Internal Standards           |        |       |          |          |           |          |
| 1) Bromochloromethane        | 4.910  | 128   | 41482    | 30.00    | ug/l      | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.769  | 114   | 235394   | 30.00    | ug/l      | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 213161   | 30.00    | ug/l      | 0.00     |
| System Monitoring Compounds  |        |       |          |          |           |          |
| 27) 1,2-Dichloroethane-d4    | 5.964  | 65    | 99206    | 30.92    | ug/l      | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 103.07% |          |
| 60) 4-Bromofluorobenzene     | 11.085 | 95    | 105803   | 30.30    | ug/l      | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 101.00% |          |
| 63) Toluene-d8               | 8.653  | 98    | 290350   | 30.27    | ug/l      | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 100.90% |          |
| Target Compounds             |        |       |          |          |           |          |
|                              |        |       |          |          | Qvalue    |          |
| 2) Dichlorodifluoromethane   | 1.173  | 85    | 47515    | 19.39    | ug/l      | 97       |
| 3) Chloromethane             | 1.295  | 50    | 55191    | 19.97    | ug/l      | 96       |
| 4) Vinyl Chloride            | 1.374  | 62    | 53844    | 19.47    | ug/l      | 100      |
| 5) Bromomethane              | 1.605  | 94    | 37897    | 23.36    | ug/l      | 97       |
| 6) Chloroethane              | 1.685  | 64    | 34248    | 19.78    | ug/l      | 100      |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 86523    | 19.38    | ug/l      | 93       |
| 8) Diethyl Ether             | 2.142  | 74    | 31595    | 19.84    | ug/l      | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 47437    | 19.02    | ug/l      | 99       |
| 10) 1,1-Dichloroethene       | 2.319  | 96    | 47377    | 19.71    | ug/l      | 91       |
| 11) Methyl Iodide            | 2.453  | 142   | 63640    | 18.85    | ug/l      | 99       |
| 12) Methyl Acetate           | 2.715  | 43    | 69974    | 19.52    | ug/l      | 99       |
| 13) Acrolein                 | 2.240  | 56    | 38991    | 98.81    | ug/l      | 97       |
| 14) Acrylonitrile            | 3.075  | 53    | 152778   | 96.35    | ug/l      | 97       |
| 15) Acetone                  | 2.386  | 58    | 40913    | 85.14    | ug/l      | 97       |
| 16) Carbon Disulfide         | 2.514  | 76    | 99519    | 16.79    | ug/l      | 98       |
| 17) Allyl chloride           | 2.666  | 41    | 85281    | 19.20    | ug/l      | 98       |
| 18) Methylene Chloride       | 2.794  | 84    | 57130    | 20.21    | ug/l      | 98       |
| 19) trans-1,2-Dichloroethene | 3.099  | 96    | 50591    | 19.67    | ug/l      | 96       |
| 20) Diisopropyl ether        | 3.770  | 45    | 177607   | 20.03    | ug/l      | 98       |
| 21) 1,1-Dichloroethane       | 3.617  | 63    | 96818    | 20.04    | ug/l      | 98       |
| 22) cis-1,2-Dichloroethene   | 4.501  | 96    | 59176    | 19.77    | ug/l      | 96       |
| 23) tert-Butyl Alcohol       | 2.977  | 59    | 66849    | 92.91    | ug/l      | 100      |
| 24) Methyl tert-Butyl Ether  | 3.123  | 73    | 171785   | 20.38    | ug/l      | 99       |
| 25) Chloroform               | 5.105  | 83    | 99495    | 20.08    | ug/l      | 99       |
| 26) Cyclohexane              | 5.477  | 56    | 86523    | 19.73    | ug/l #    | 100      |
| 29) 1,1-Dichloropropene      | 5.702  | 75    | 71074    | 19.39    | ug/l      | 99       |
| 30) 2-Butanone               | 4.568  | 43    | 223992   | 91.15    | ug/l      | 100      |
| 31) 2,2-Dichloropropane      | 4.483  | 77    | 76036    | 18.35    | ug/l      | 97       |
| 32) 1,1,1-Trichloroethane    | 5.397  | 97    | 84426    | 19.04    | ug/l      | 97       |
| 33) Carbon Tetrachloride     | 5.684  | 117   | 71771    | 18.60    | ug/l      | 98       |
| 34) Benzene                  | 6.044  | 78    | 213902   | 19.35    | ug/l      | 97       |
| 35) Methacrylonitrile        | 4.934  | 41    | 46776    | 18.93    | ug/l      | 98       |
| 36) 1,2-Dichloroethane       | 6.092  | 62    | 83726    | 19.82    | ug/l      | 100      |
| 37) Trichloroethene          | 7.129  | 130   | 57972    | 19.30    | ug/l      | 99       |
| 38) Methylcyclohexane        | 7.385  | 83    | 86524    | 18.55    | ug/l      | 99       |
| 39) 1,2-Dichloropropane      | 7.440  | 63    | 56852    | 19.66    | ug/l      | 95       |
| 40) Dibromomethane           | 7.586  | 93    | 38596    | 18.81    | ug/l      | 99       |
| 41) Bromodichloromethane     | 7.830  | 83    | 67912    | 18.24    | ug/l      | 100      |
| 42) Vinyl Acetate            | 3.733  | 43    | 781695   | 97.65    | ug/l      | 100      |

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 Operator : JC/MD  
 Sample : VX0809WBS02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

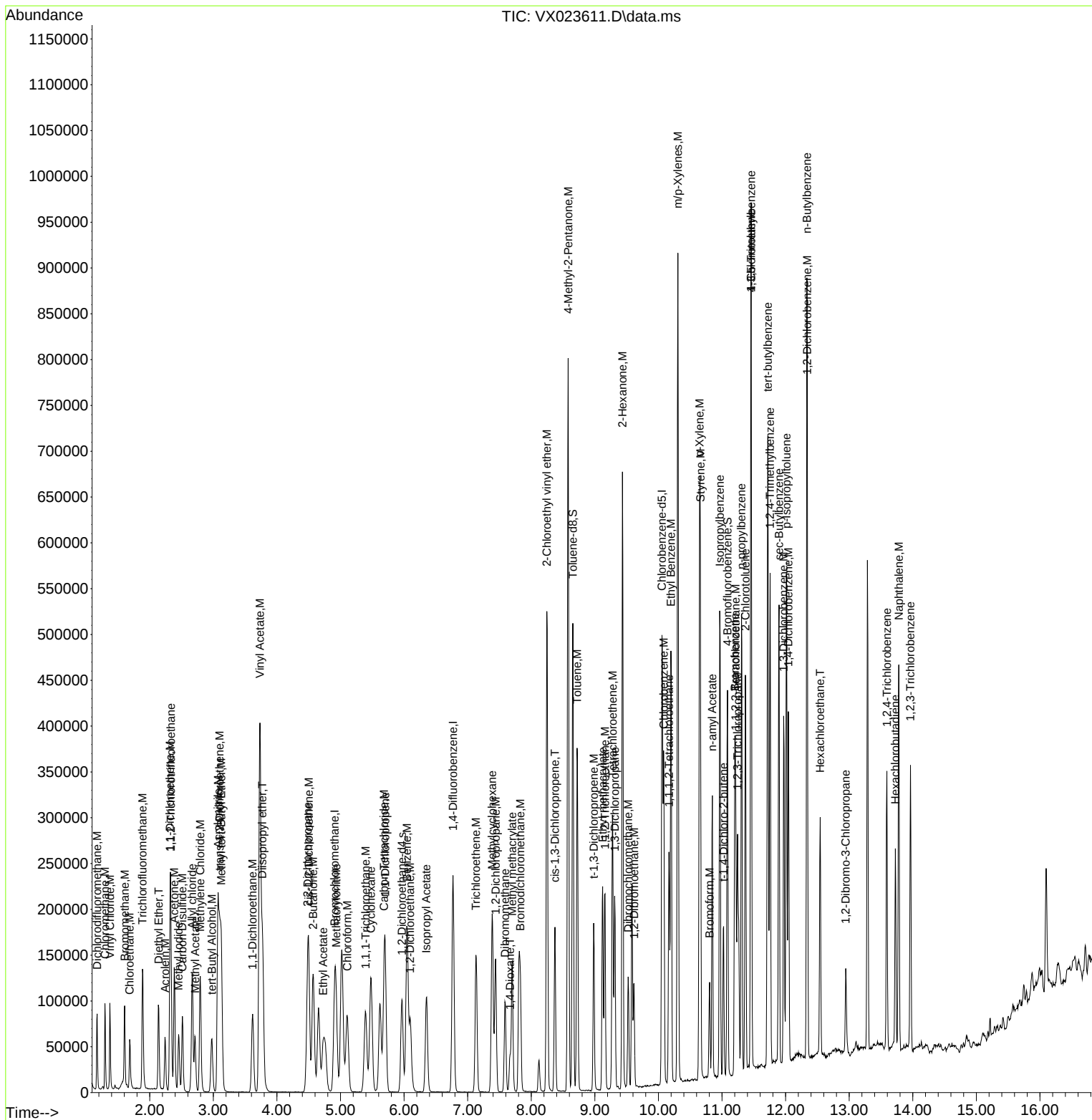
Instrument :  
 MSVOA\_X  
 ClientSampleId :

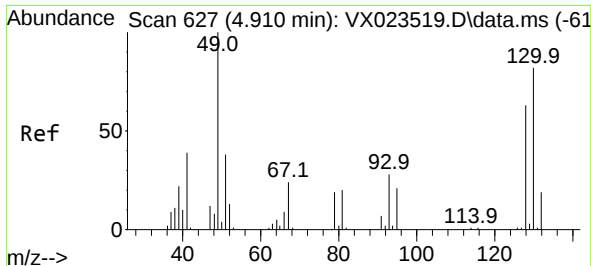
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X080321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Aug 03 12:05:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 43) Ethyl Acetate             | 4.727  | 43   | 85540    | 18.76  | ug/l  | 99       |
| 44) Isopropyl Acetate         | 6.349  | 43   | 141523   | 19.50  | ug/l  | 100      |
| 45) 1,4-Dioxane               | 7.665  | 88   | 27689    | 367.68 | ug/l  | 94       |
| 46) Methyl methacrylate       | 7.702  | 41   | 67153    | 19.19  | ug/l  | 98       |
| 47) n-amyl Acetate            | 10.848 | 43   | 125866   | 20.38  | ug/l  | 97       |
| 48) t-1,3-Dichloropropene     | 8.982  | 75   | 79340    | 18.25  | ug/l  | 99       |
| 49) cis-1,3-Dichloropropene   | 8.373  | 75   | 84560    | 18.34  | ug/l  | 96       |
| 50) 1,1,2-Trichloroethane     | 9.159  | 97   | 57862    | 19.53  | ug/l  | 95       |
| 51) Ethyl methacrylate        | 9.122  | 69   | 89523    | 19.16  | ug/l  | 98       |
| 52) 1,3-Dichloropropane       | 9.311  | 76   | 96198    | 19.78  | ug/l  | 99       |
| 53) Dibromochloromethane      | 9.525  | 129  | 51136    | 17.17  | ug/l  | 100      |
| 54) 1,2-Dibromoethane         | 9.616  | 107  | 60246    | 19.21  | ug/l  | 99       |
| 55) 2-Chloroethyl vinyl ether | 8.245  | 63   | 205579   | 88.10  | ug/l  | 100      |
| 56) Bromoform                 | 10.805 | 173  | 36256    | 16.97  | ug/l  | 98       |
| 58) 4-Methyl-2-Pentanone      | 8.580  | 43   | 454034   | 98.80  | ug/l  | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 352546   | 98.79  | ug/l  | 99       |
| 61) Tetrachloroethene         | 9.281  | 164  | 56256    | 19.64  | ug/l  | 95       |
| 62) Toluene                   | 8.720  | 91   | 240272   | 19.98  | ug/l  | 99       |
| 64) Chlorobenzene             | 10.086 | 112  | 148818   | 19.56  | ug/l  | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 53344    | 18.94  | ug/l  | 99       |
| 66) Ethyl Benzene             | 10.195 | 91   | 266864   | 20.05  | ug/l  | 98       |
| 67) m/p-Xylenes               | 10.305 | 106  | 206750   | 40.17  | ug/l  | 99       |
| 68) o-Xylene                  | 10.647 | 106  | 100757   | 19.86  | ug/l  | 98       |
| 69) Styrene                   | 10.659 | 104  | 167199   | 20.00  | ug/l  | 100      |
| 70) Isopropylbenzene          | 10.964 | 105  | 265499   | 19.90  | ug/l  | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 90264    | 21.15  | ug/l  | 100      |
| 72) 1,2,3-Trichloropropane    | 11.244 | 75   | 102825   | 25.63  | ug/l  | 88       |
| 73) Bromobenzene              | 11.201 | 156  | 66610    | 20.51  | ug/l  | 96       |
| 74) n-propylbenzene           | 11.305 | 91   | 305154   | 19.75  | ug/l  | 100      |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 185402   | 20.11  | ug/l  | 99       |
| 76) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 223473   | 20.20  | ug/l  | 99       |
| 77) t-1,4-Dichloro-2-butene   | 11.025 | 75   | 25750    | 17.98  | ug/l  | 94       |
| 78) 4-Chlorotoluene           | 11.457 | 91   | 205332   | 19.71  | ug/l  | 99       |
| 79) tert-butylbenzene         | 11.720 | 119  | 216724   | 20.17  | ug/l  | 100      |
| 80) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 221530   | 20.21  | ug/l  | 100      |
| 81) sec-Butylbenzene          | 11.896 | 105  | 275433   | 20.01  | ug/l  | 100      |
| 82) p-Isopropyltoluene        | 12.012 | 119  | 228469   | 20.20  | ug/l  | 100      |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 118813   | 20.20  | ug/l  | 100      |
| 84) 1,4-Dichlorobenzene       | 12.043 | 146  | 118128   | 20.32  | ug/l  | 99       |
| 85) n-Butylbenzene            | 12.335 | 91   | 201134   | 20.10  | ug/l  | 99       |
| 86) Hexachloroethane          | 12.543 | 117  | 32732    | 17.81  | ug/l  | 97       |
| 87) 1,2-Dichlorobenzene       | 12.341 | 146  | 116311   | 20.49  | ug/l  | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 17264    | 18.42  | ug/l  | 99       |
| 89) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 68241    | 19.43  | ug/l  | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 28133    | 17.86  | ug/l  | 98       |
| 91) Naphthalene               | 13.780 | 128  | 252218   | 20.91  | ug/l  | 99       |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 70670    | 20.03  | ug/l  | 98       |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X080321W.M  
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QLast Update : Tue Aug 03 12:05:42 2021  
Response via : Initial Calibration

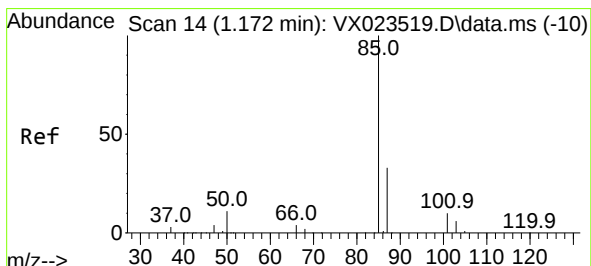
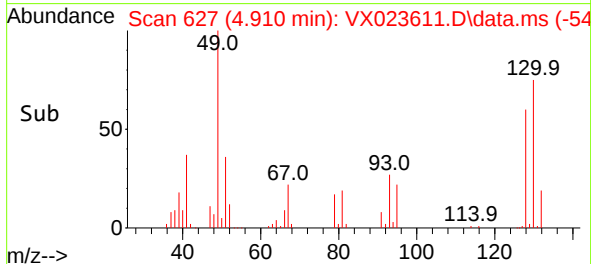
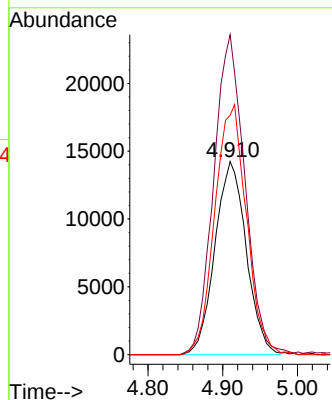
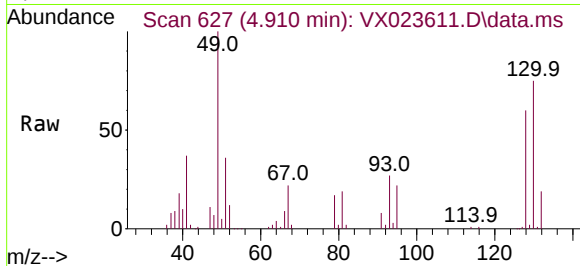




#1  
Bromochloromethane  
Concen: 30.00 ug/l  
RT: 4.910 min Scan# 627  
Delta R.T. -0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

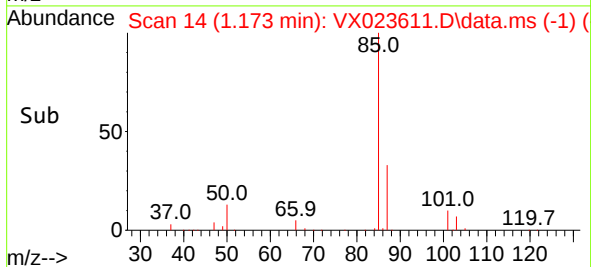
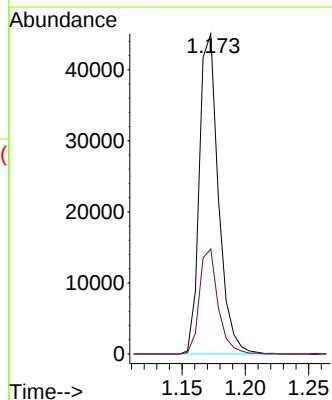
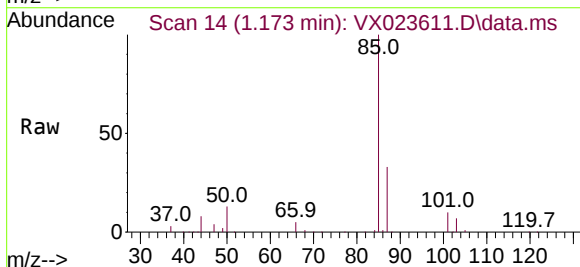
Instrument :  
MSVOA\_X  
ClientSampled :

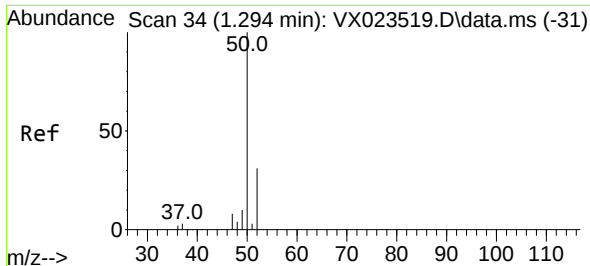
Tgt Ion:128 Resp: 41482  
Ion Ratio Lower Upper  
128 100  
49 164.1 0.0 402.5  
130 130.7 0.0 326.5



#2  
Dichlorodifluoromethane  
Concen: 19.39 ug/l  
RT: 1.173 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 85 Resp: 47515  
Ion Ratio Lower Upper  
85 100  
87 32.8 15.6 46.8

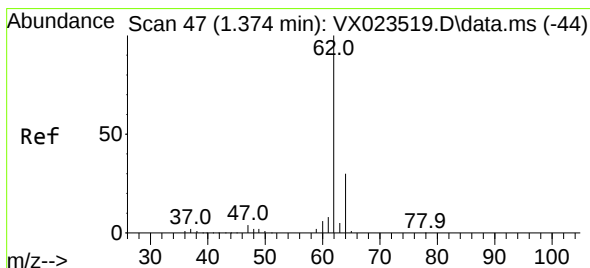
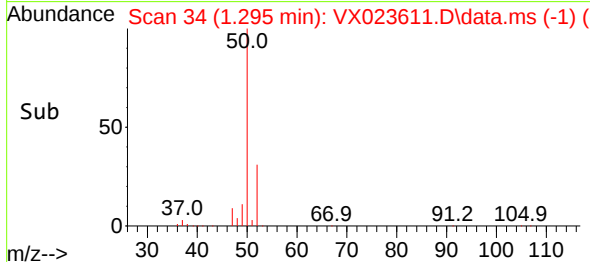
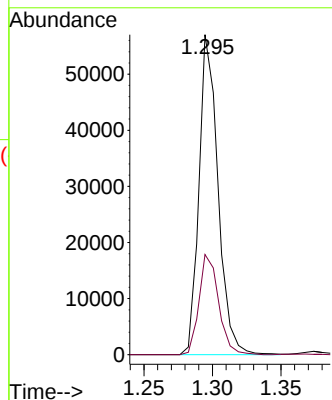
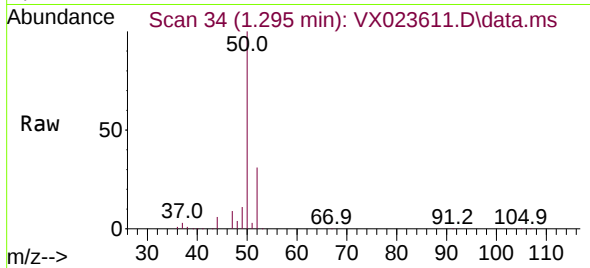




#3  
Chloromethane  
Concen: 19.97 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

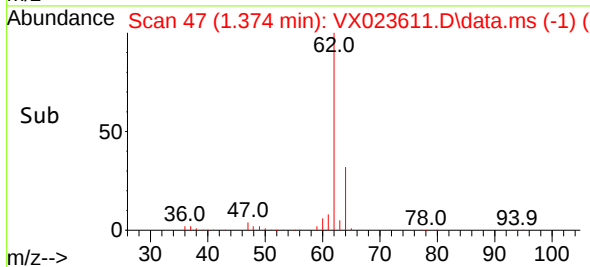
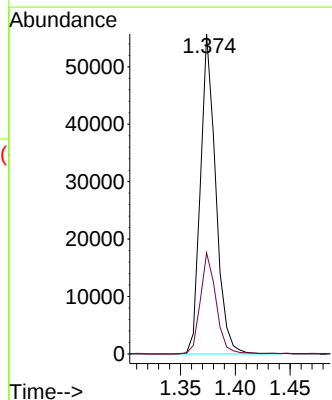
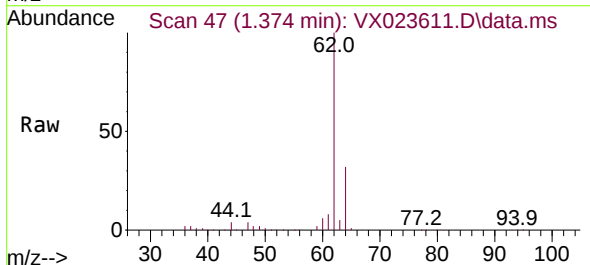
Instrument :  
MSVOA\_X  
ClientSampled :

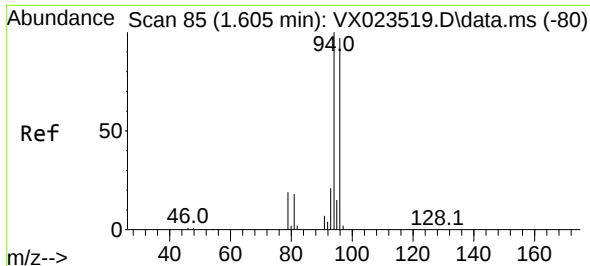
Tgt Ion: 50 Resp: 55191  
Ion Ratio Lower Upper  
50 100  
52 31.3 26.9 40.3



#4  
Vinyl Chloride  
Concen: 19.47 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 62 Resp: 53844  
Ion Ratio Lower Upper  
62 100  
64 31.5 25.0 37.4

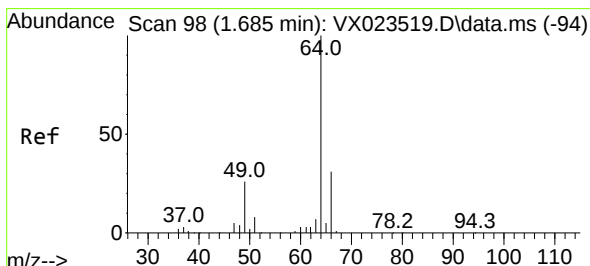
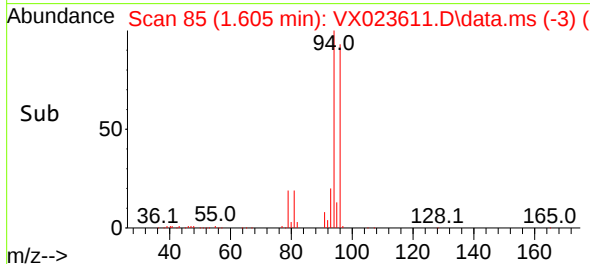
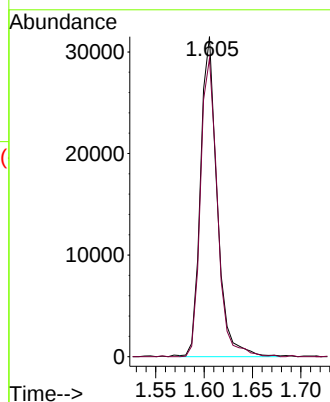
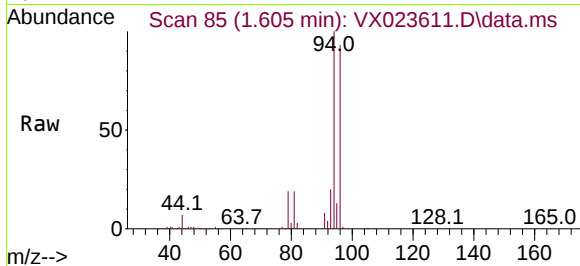




#5  
Bromomethane  
Concen: 23.36 ug/l  
RT: 1.605 min Scan# 85  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

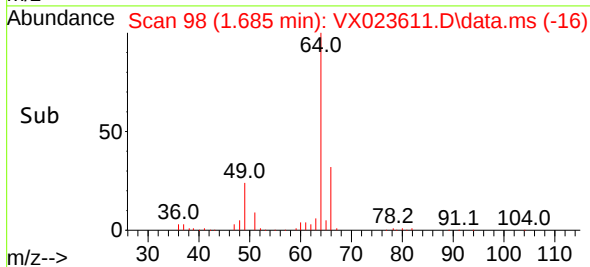
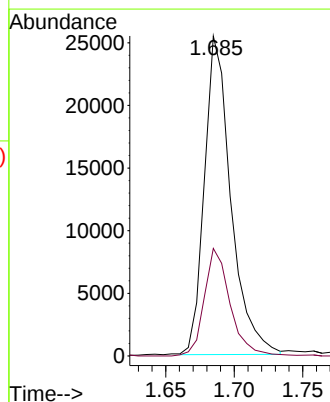
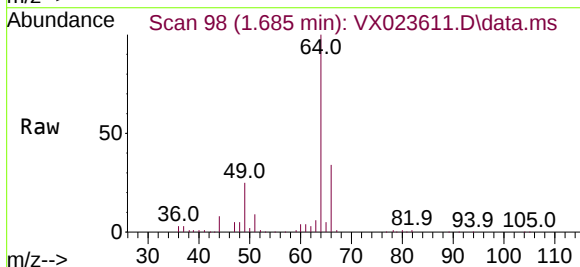
Instrument :  
MSVOA\_X  
ClientSampled :

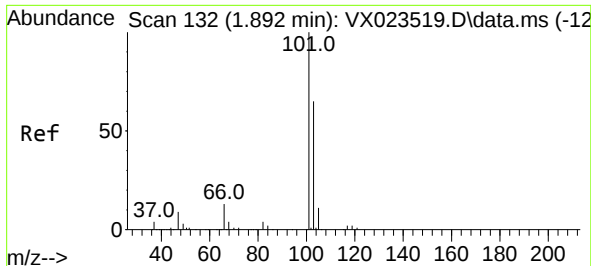
Tgt Ion: 94 Resp: 37897  
Ion Ratio Lower Upper  
94 100  
96 93.4 72.8 109.2



#6  
Chloroethane  
Concen: 19.78 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 64 Resp: 34248  
Ion Ratio Lower Upper  
64 100  
66 33.4 26.8 40.2

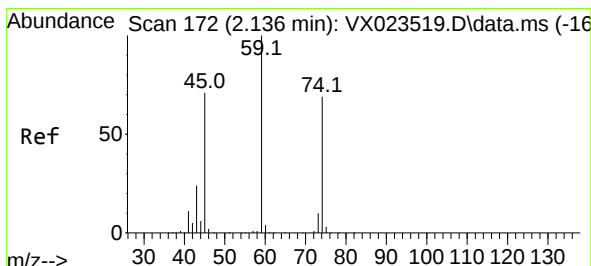
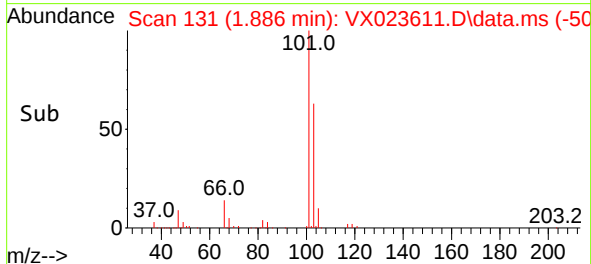
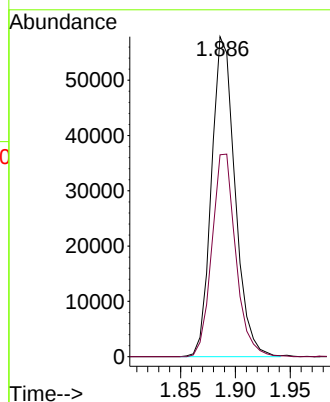
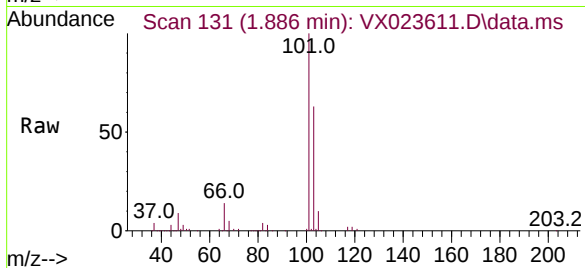




#7  
Trichlorofluoromethane  
Concen: 19.38 ug/l  
RT: 1.886 min Scan# 131  
Delta R.T. -0.006 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

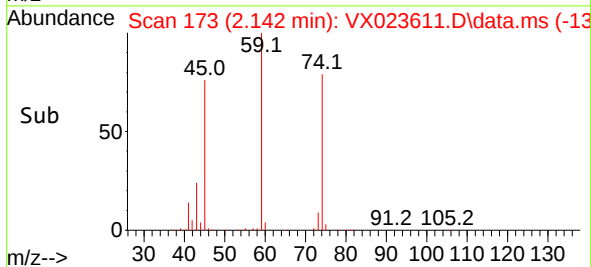
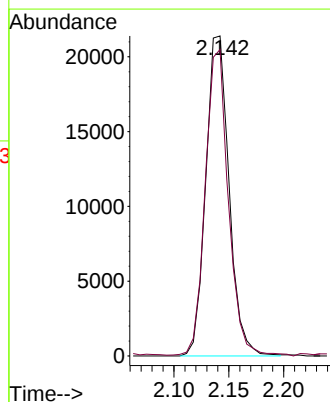
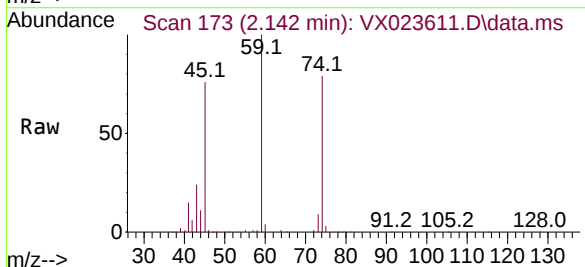
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MSVOA\_X  
ClientSampleId :

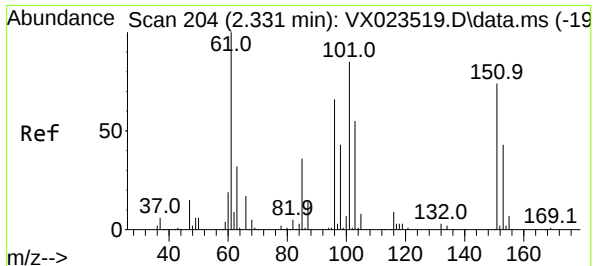
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Ion Ratio Lower Upper  
101 100  
103 63.1 55.0 82.6



#8  
Diethyl Ether  
Concen: 19.84 ug/l  
RT: 2.142 min Scan# 173  
Delta R.T. 0.006 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 74 Resp: 31595  
Ion Ratio Lower Upper  
74 100  
45 95.4 19.9 179.1

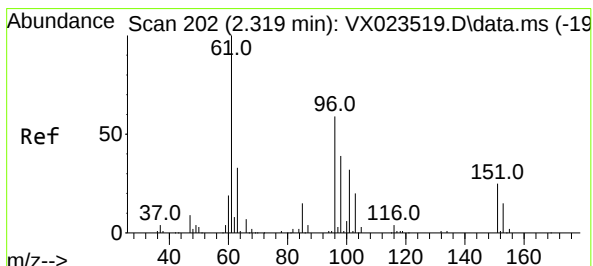
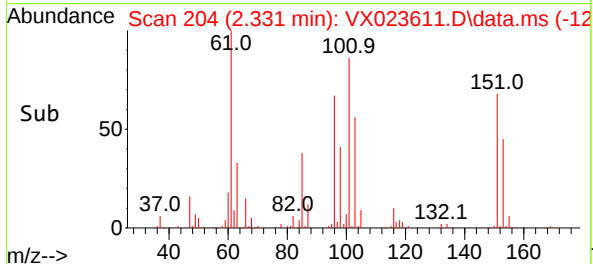
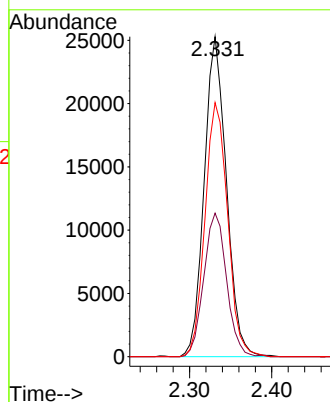
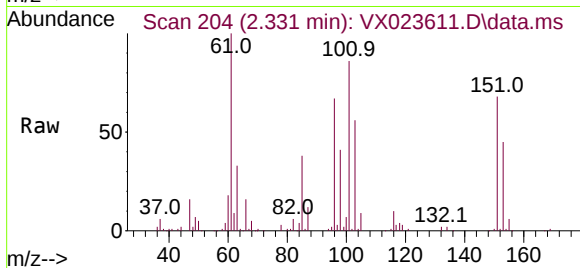




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.02 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

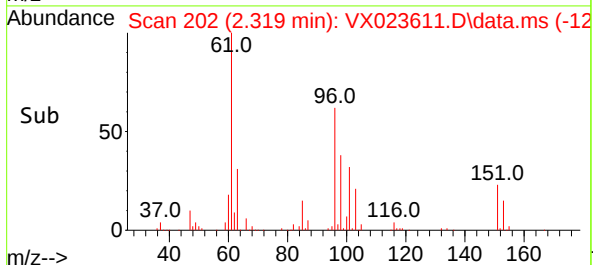
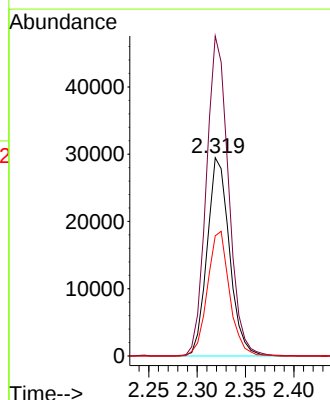
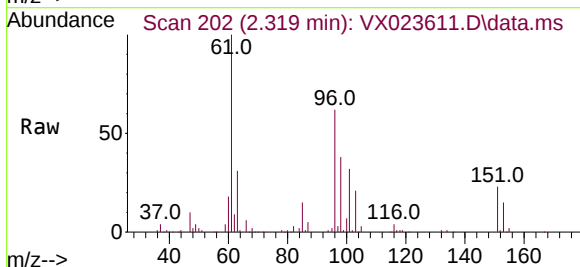
Instrument :  
MSVOA\_X  
ClientSampleId :

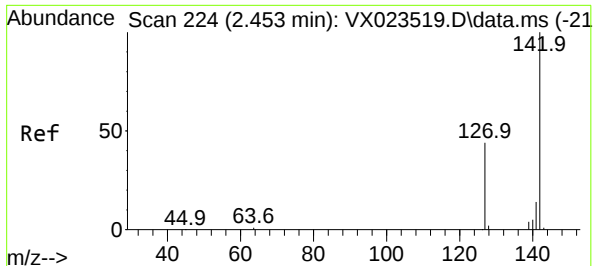
Tgt Ion:101 Resp: 47437  
Ion Ratio Lower Upper  
101 100  
85 45.9 0.0 91.4  
151 81.0 0.0 160.0



#10  
1,1-Dichloroethene  
Concen: 19.71 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

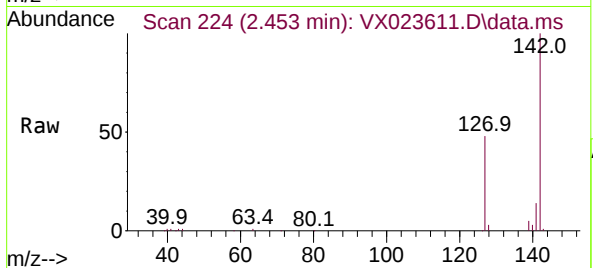
Tgt Ion: 96 Resp: 47377  
Ion Ratio Lower Upper  
96 100  
61 161.1 140.3 210.5  
98 60.6 52.8 79.2



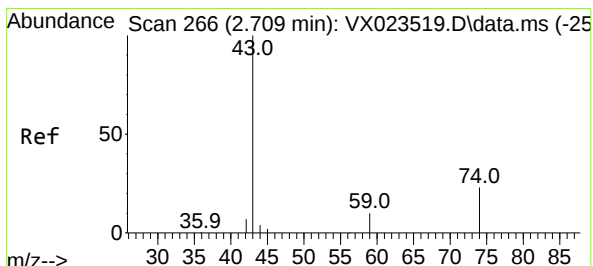
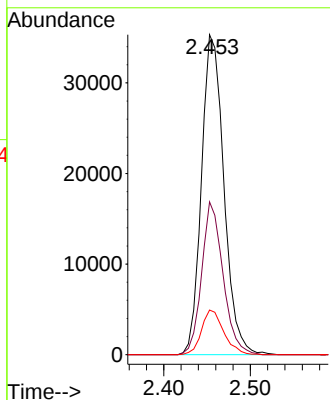
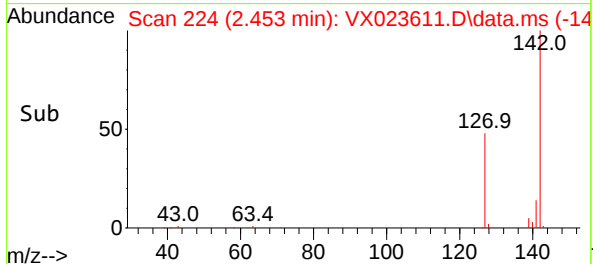


#11  
Methyl Iodide  
Concen: 18.85 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

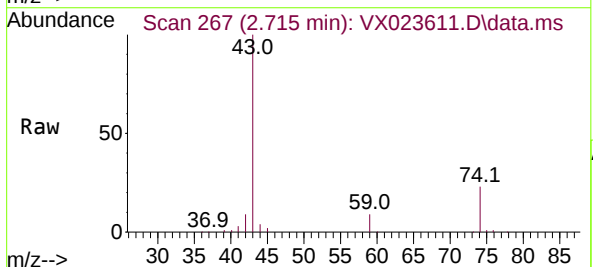
Instrument :  
MSVOA\_X  
ClientSampleId :



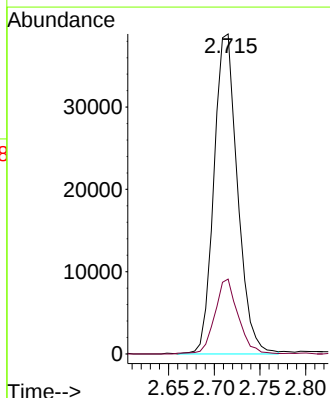
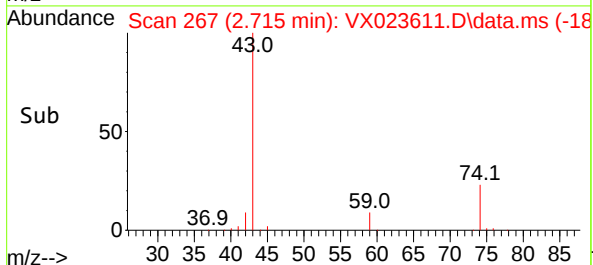
Tgt Ion:142 Resp: 63640  
Ion Ratio Lower Upper  
142 100  
127 47.7 23.6 71.0  
141 13.9 7.1 21.3

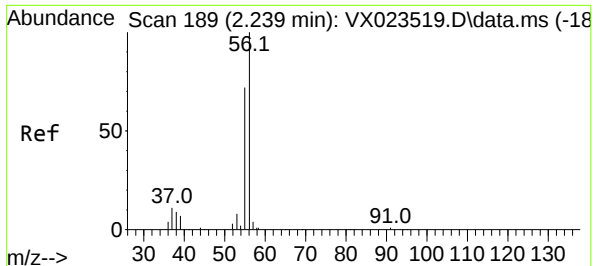


#12  
Methyl Acetate  
Concen: 19.52 ug/l  
RT: 2.715 min Scan# 267  
Delta R.T. 0.006 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04



Tgt Ion: 43 Resp: 69974  
Ion Ratio Lower Upper  
43 100  
74 23.3 18.2 27.2

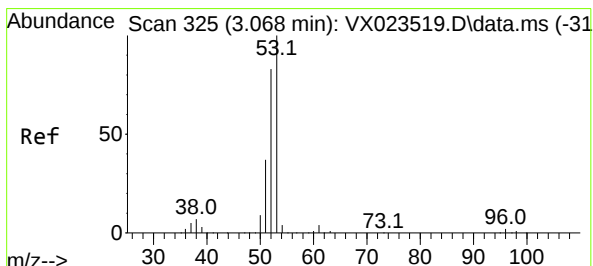
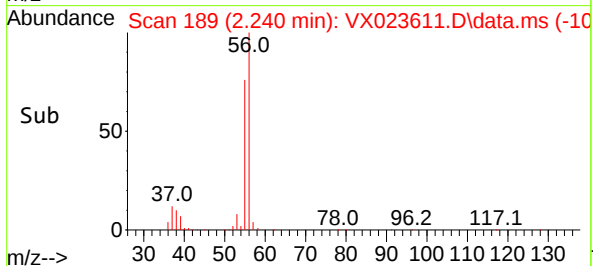
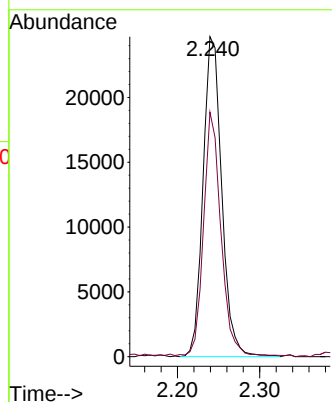
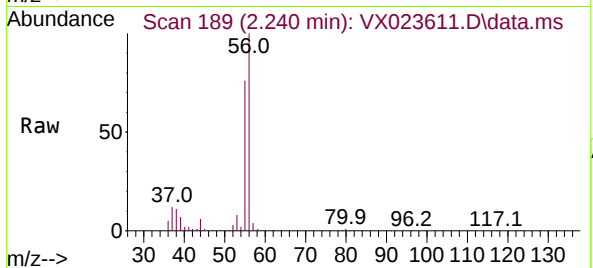




#13  
Acrolein  
Concen: 98.81 ug/l  
RT: 2.240 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

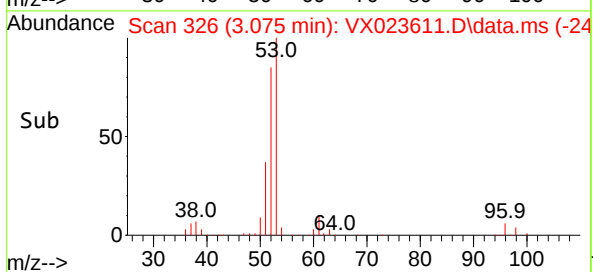
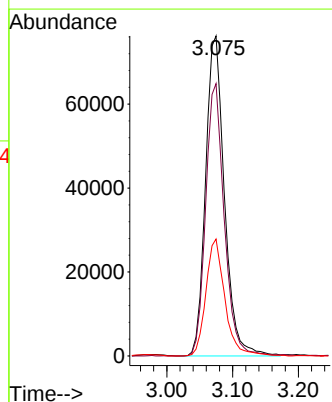
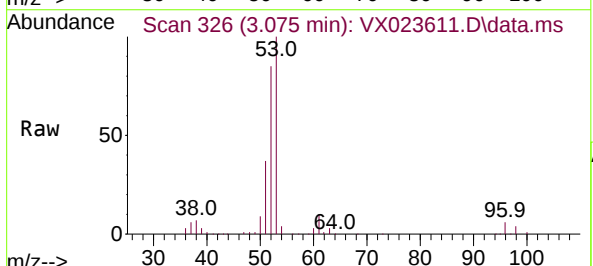
Instrument :  
MSVOA\_X  
ClientSampled :

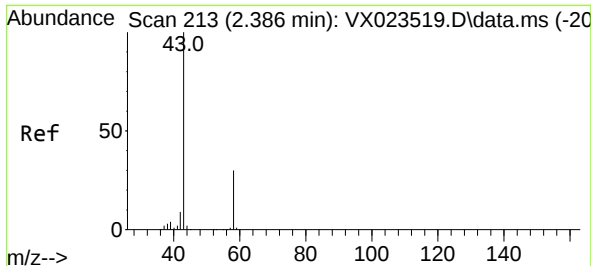
Tgt Ion: 56 Resp: 38991  
Ion Ratio Lower Upper  
56 100  
55 71.7 59.5 89.3



#14  
Acrylonitrile  
Concen: 96.35 ug/l  
RT: 3.075 min Scan# 326  
Delta R.T. 0.006 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 53 Resp: 152778  
Ion Ratio Lower Upper  
53 100  
52 83.6 40.4 121.2  
51 36.7 18.1 54.1

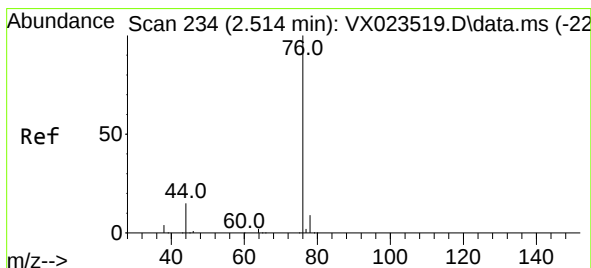
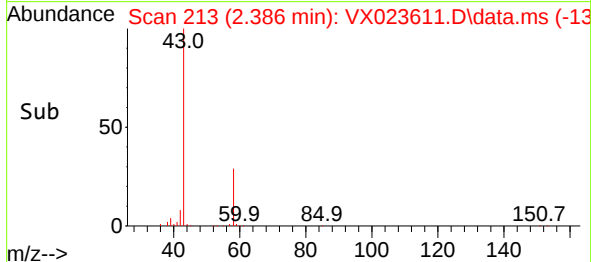
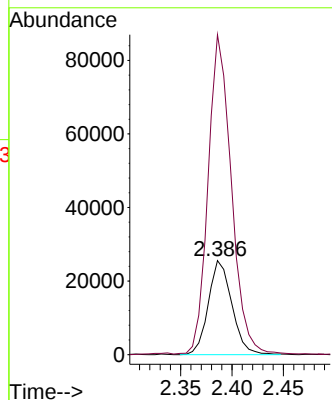
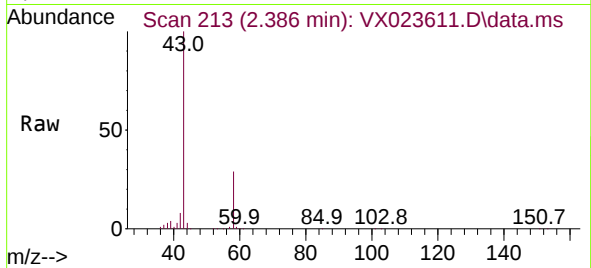




#15  
Acetone  
Concen: 85.14 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

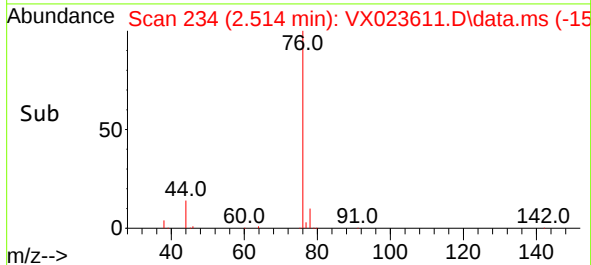
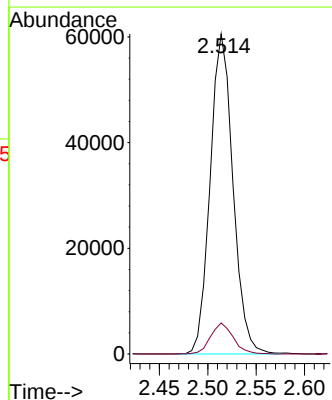
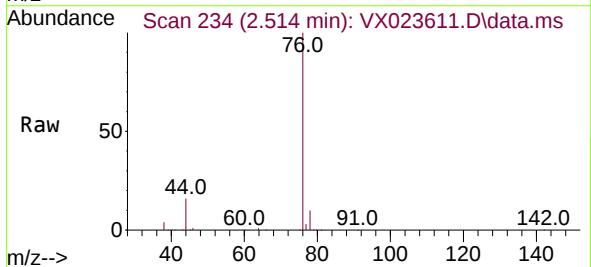
Instrument :  
MSVOA\_X  
ClientSampled :

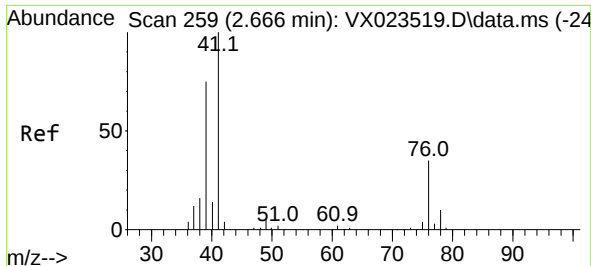
Tgt Ion: 58 Resp: 40913  
Ion Ratio Lower Upper  
58 100  
43 338.8 266.6 400.0



#16  
Carbon Disulfide  
Concen: 16.79 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 76 Resp: 99519  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.3 10.9





#17

Allyl chloride

Concen: 19.20 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX023611.D

Acq: 09 Aug 2021 14:04

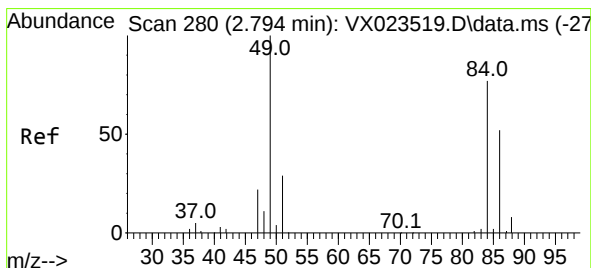
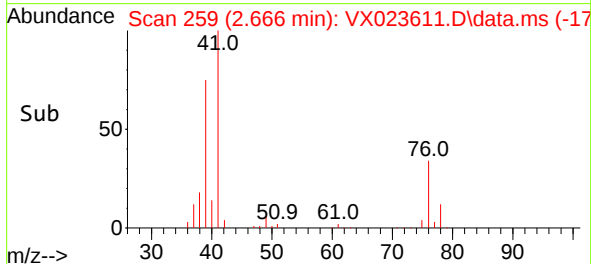
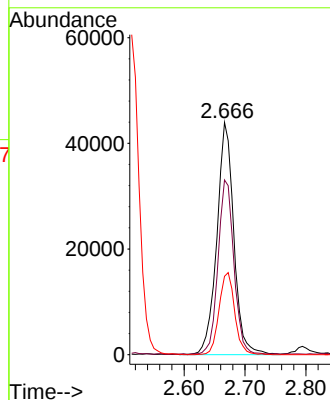
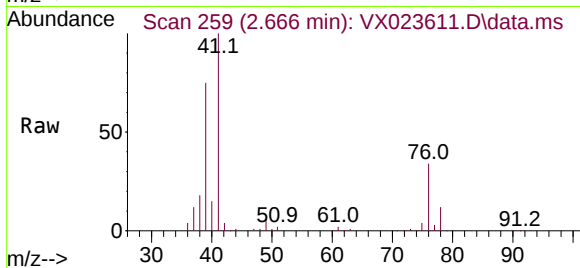
Tgt Ion: 41 Resp: 85281

Ion Ratio Lower Upper

41 100

39 75.0 36.4 109.3

76 33.7 16.6 49.7



#18

Methylene Chloride

Concen: 20.21 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023611.D

Acq: 09 Aug 2021 14:04

Tgt Ion: 84 Resp: 57130

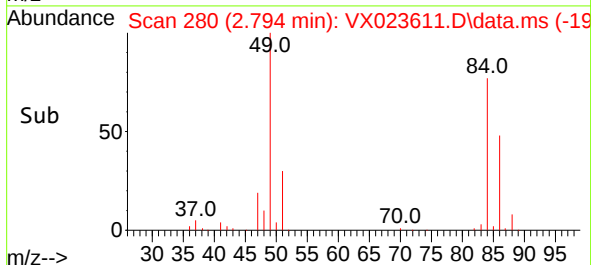
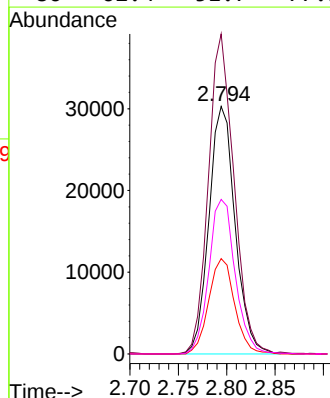
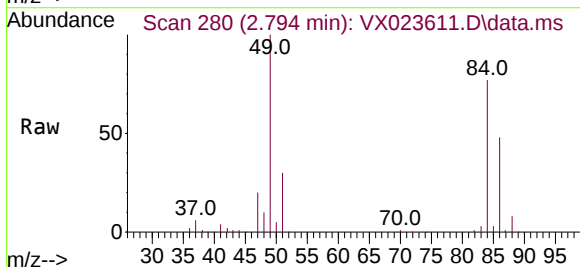
Ion Ratio Lower Upper

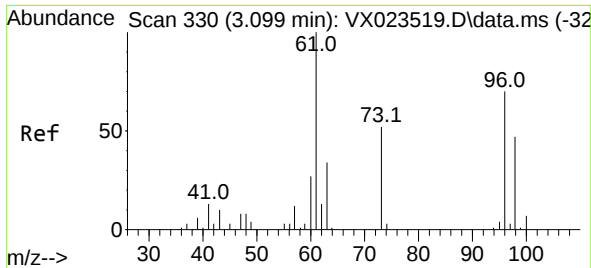
84 100

49 129.0 104.3 156.5

51 38.5 30.3 45.5

86 62.4 51.7 77.5

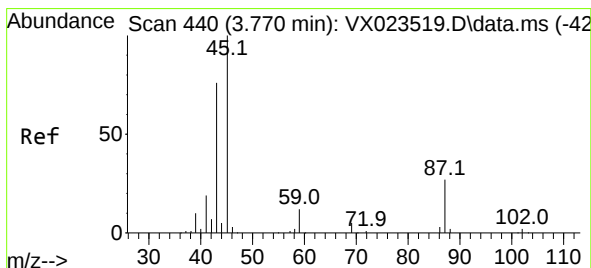
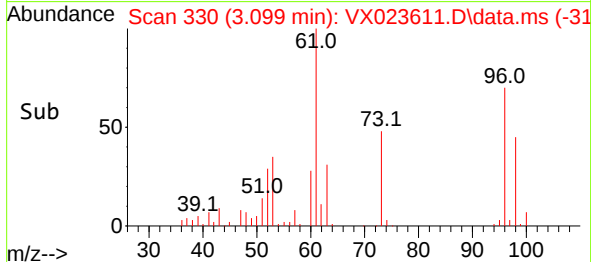
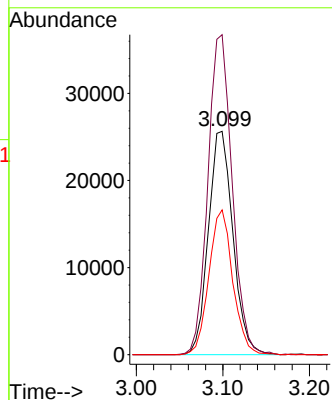
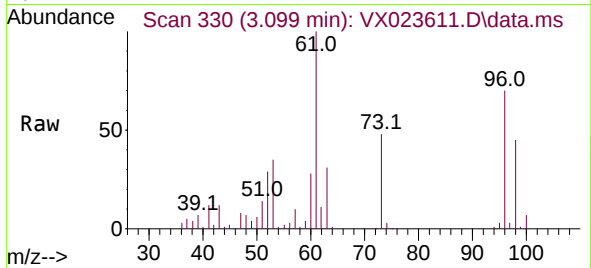




#19  
trans-1,2-Dichloroethene  
Concen: 19.67 ug/l  
RT: 3.099 min Scan# 330  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

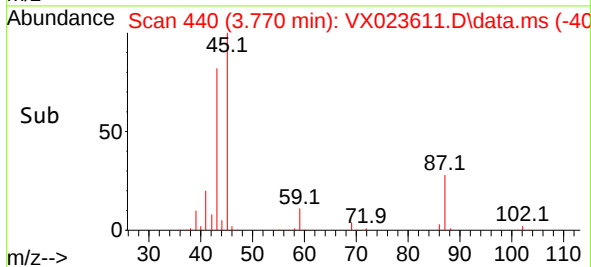
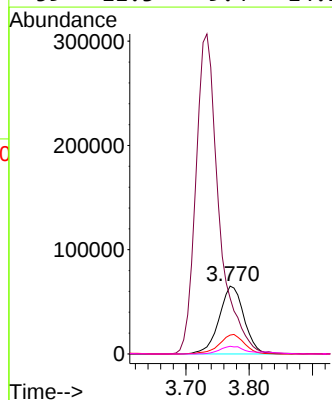
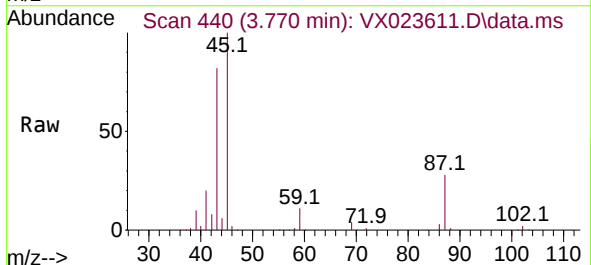
Instrument :  
MSVOA\_X  
ClientSampleId :

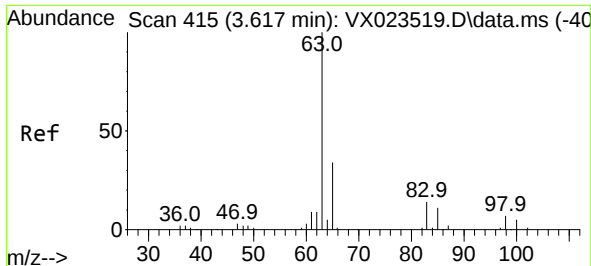
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 50591 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 143.3 | 109.2 | 163.8 |
| 98       | 64.8  | 50.8  | 76.2  |



#20  
Diisopropyl ether  
Concen: 20.03 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 177607 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 81.2  | 63.8  | 95.6   |
| 87       | 27.8  | 21.8  | 32.6   |
| 59       | 11.3  | 9.4   | 14.2   |





#21

1,1-Dichloroethane

Concen: 20.04 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.000 min

Lab File: VX023611.D

Acq: 09 Aug 2021 14:04

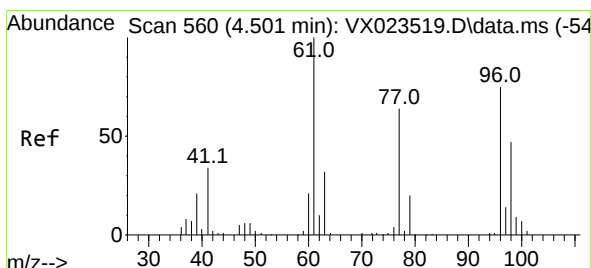
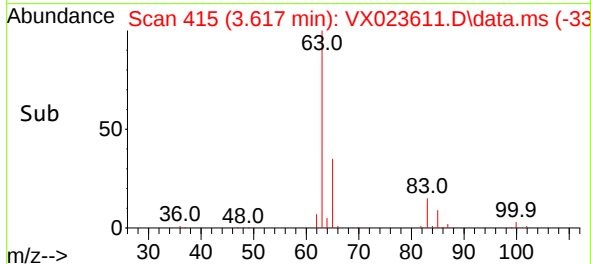
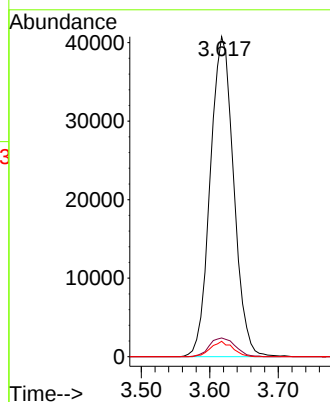
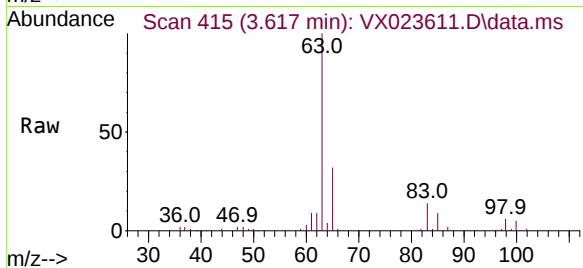
Tgt Ion: 63 Resp: 96818

Ion Ratio Lower Upper

63 100

98 5.8 3.4 10.1

100 4.8 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 19.77 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX023611.D

Acq: 09 Aug 2021 14:04

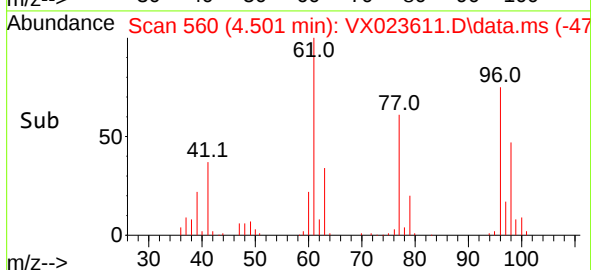
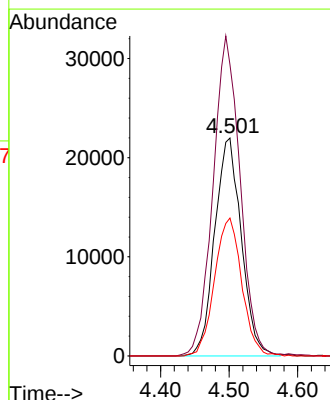
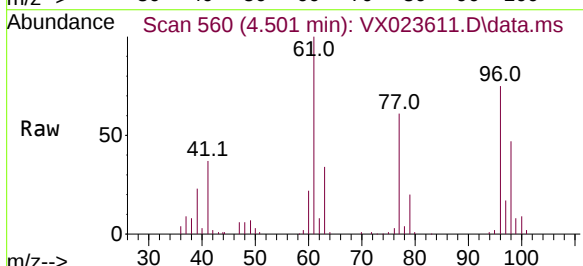
Tgt Ion: 96 Resp: 59176

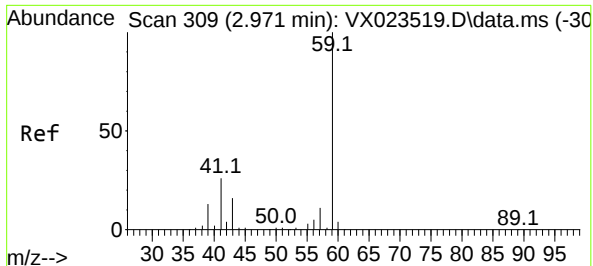
Ion Ratio Lower Upper

96 100

61 149.4 114.5 171.7

98 64.5 51.3 76.9

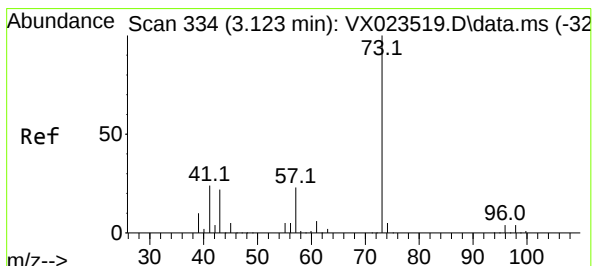
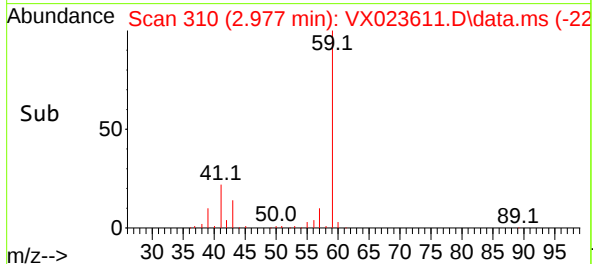
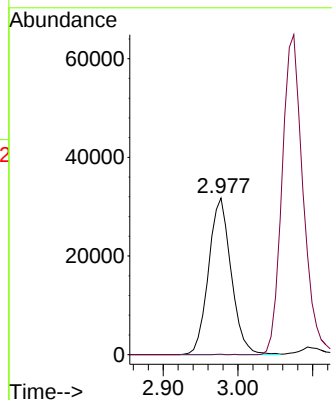
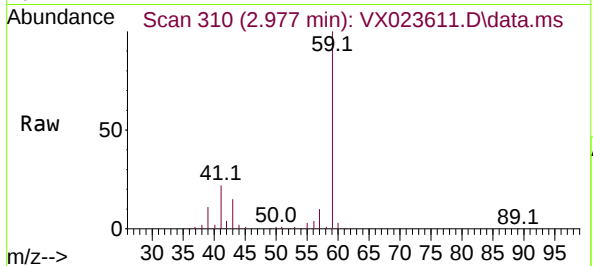




#23  
tert-Butyl Alcohol  
Concen: 92.91 ug/l  
RT: 2.977 min Scan# 310  
Delta R.T. 0.006 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

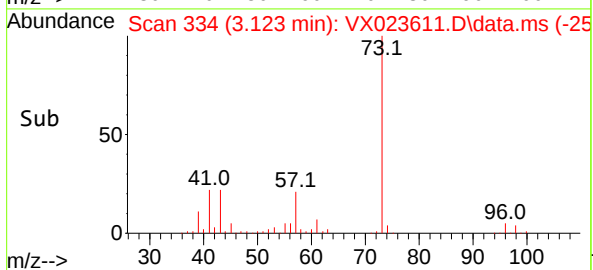
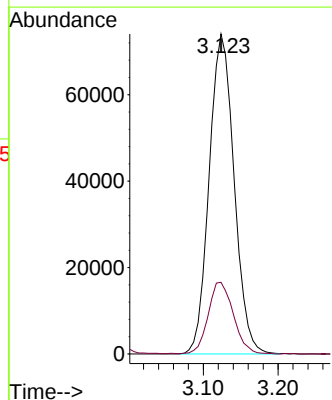
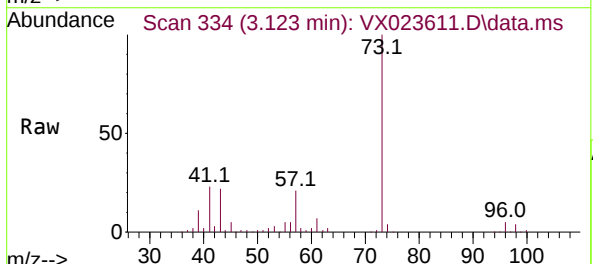
Instrument :  
MSVOA\_X  
ClientSampled :

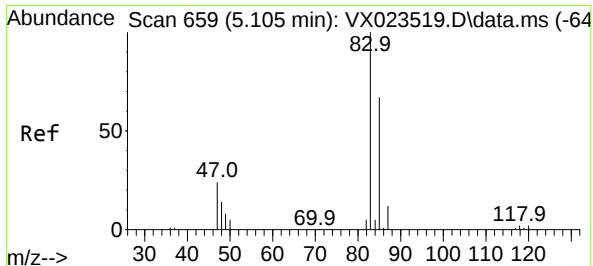
Tgt Ion: 59 Resp: 66849  
Ion Ratio Lower Upper  
59 100  
52 0.1 0.1 0.1



#24  
Methyl tert-Butyl Ether  
Concen: 20.38 ug/l  
RT: 3.123 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 73 Resp: 171785  
Ion Ratio Lower Upper  
73 100  
43 22.7 17.9 26.9





#25

Chloroform

Concen: 20.08 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.000 min

Lab File: VX023611.D

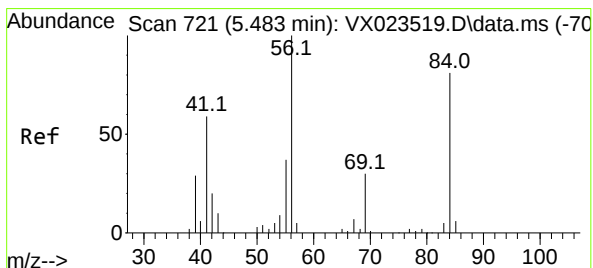
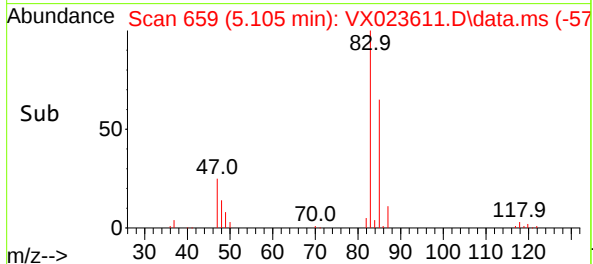
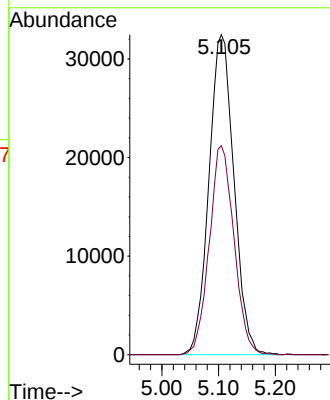
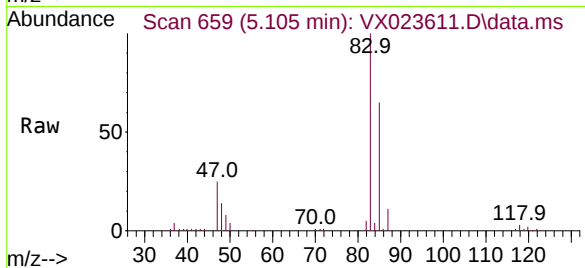
Acq: 09 Aug 2021 14:04

Tgt Ion: 83 Resp: 99495

Ion Ratio Lower Upper

83 100

85 65.3 51.8 77.8



#26

Cyclohexane

Concen: 19.73 ug/l

RT: 5.477 min Scan# 720

Delta R.T. -0.006 min

Lab File: VX023611.D

Acq: 09 Aug 2021 14:04

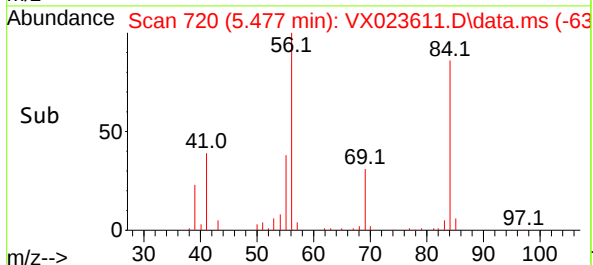
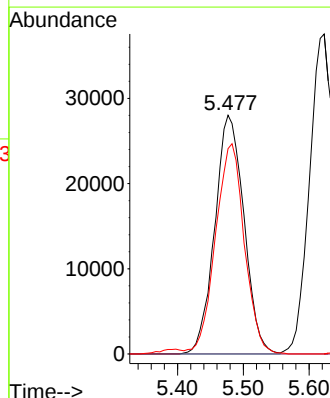
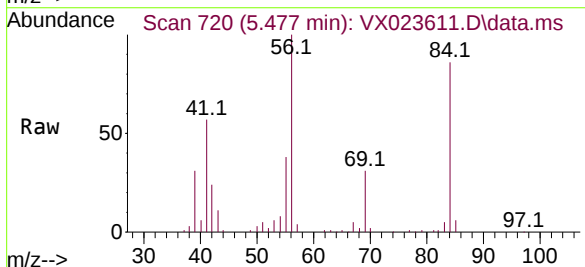
Tgt Ion: 56 Resp: 86523

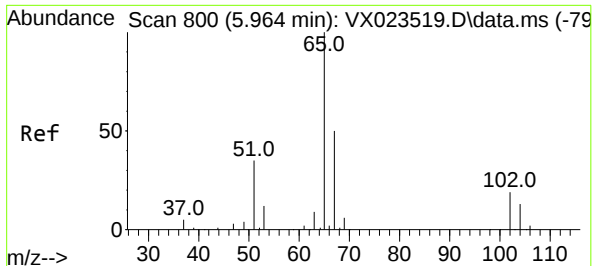
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.3 69.0 103.6





#27

1,2-Dichloroethane-d4

Concen: 30.92 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023611.D

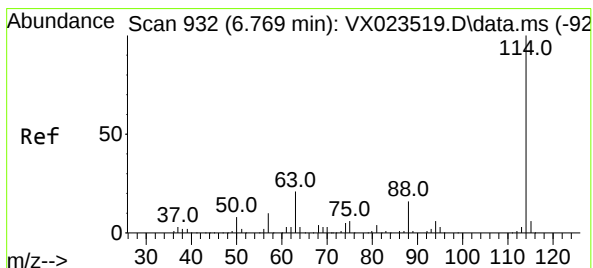
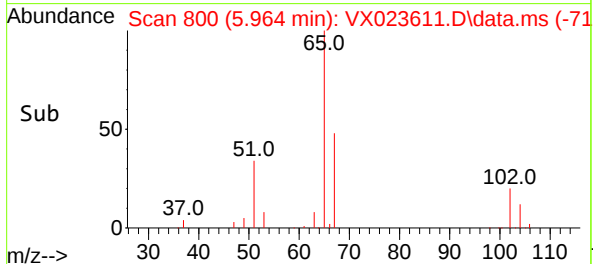
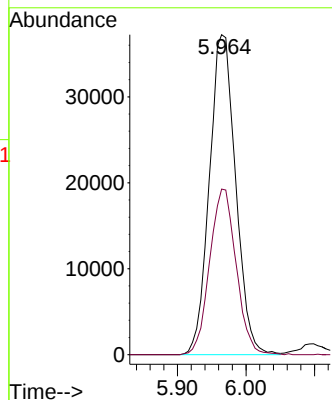
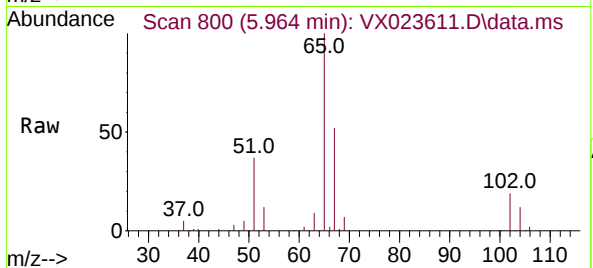
Acq: 09 Aug 2021 14:04

Tgt Ion: 65 Resp: 99206

Ion Ratio Lower Upper

65 100

67 52.0 42.4 63.6



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX023611.D

Acq: 09 Aug 2021 14:04

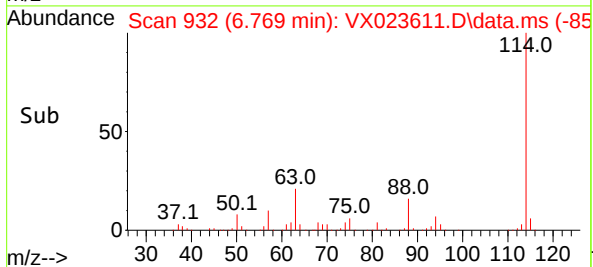
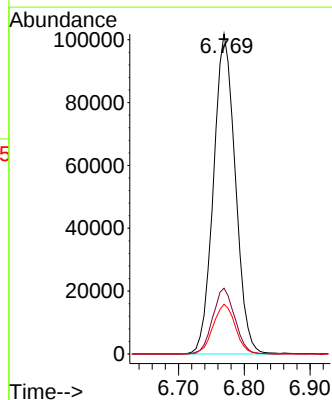
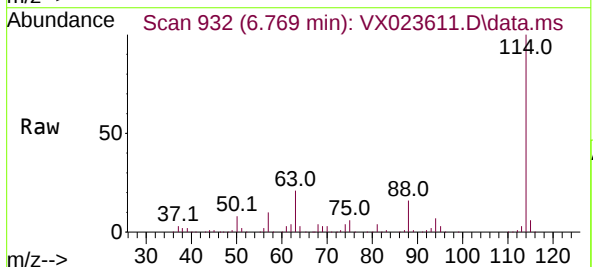
Tgt Ion: 114 Resp: 235394

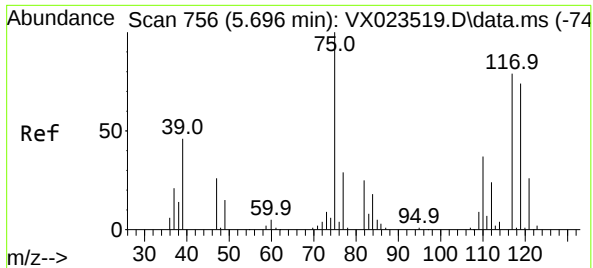
Ion Ratio Lower Upper

114 100

63 20.7 16.4 24.6

88 15.8 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.39 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.006 min

Lab File: VX023611.D

Acq: 09 Aug 2021 14:04

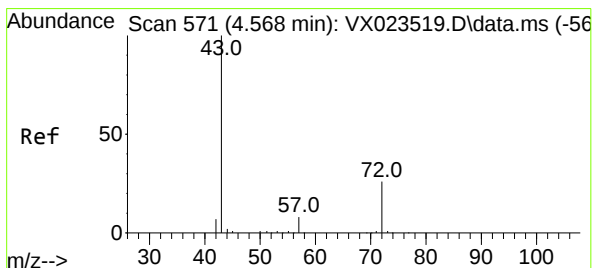
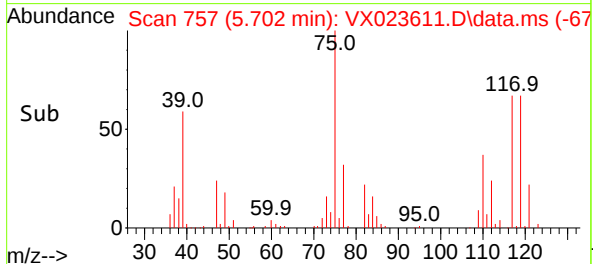
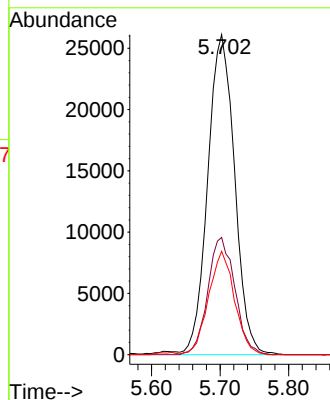
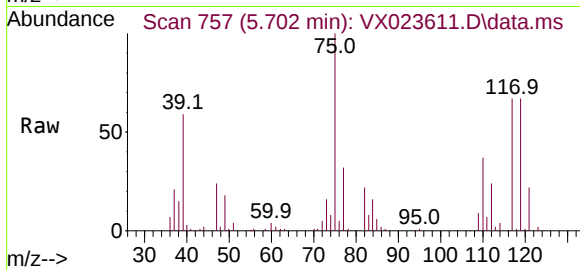
Tgt Ion: 75 Resp: 71074

Ion Ratio Lower Upper

75 100

110 36.9 0.0 72.0

77 31.3 0.0 61.8



#30

2-Butanone

Concen: 91.15 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX023611.D

Acq: 09 Aug 2021 14:04

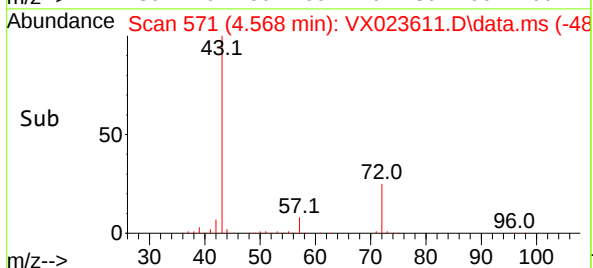
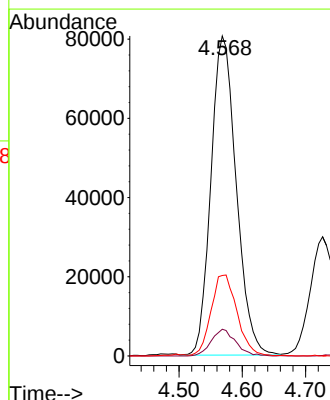
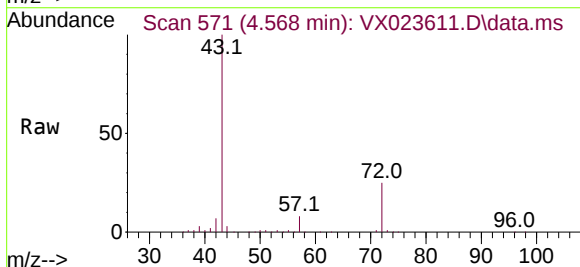
Tgt Ion: 43 Resp: 223992

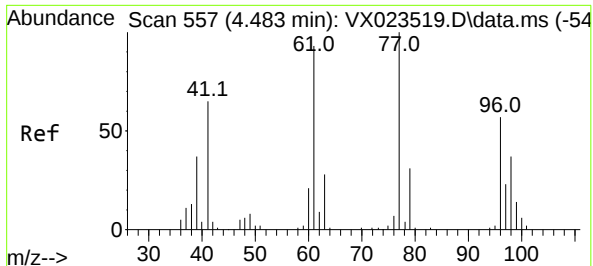
Ion Ratio Lower Upper

43 100

57 8.1 6.6 9.8

72 26.0 21.0 31.4

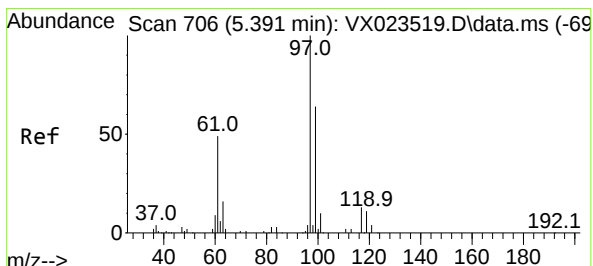
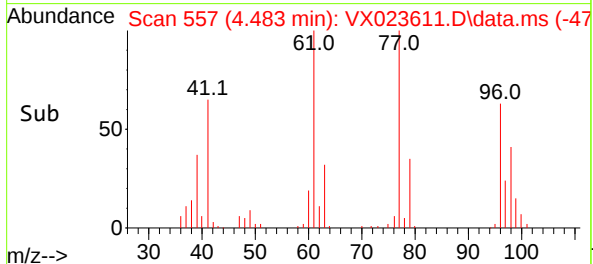
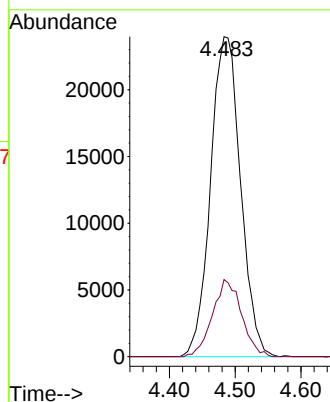
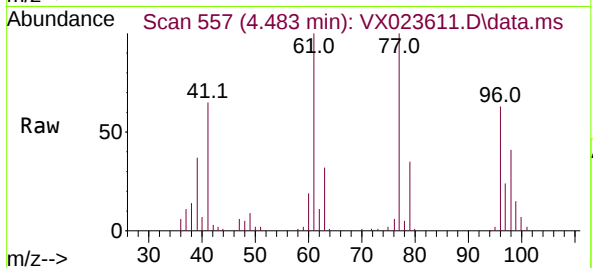




#31  
2,2-Dichloropropane  
Concen: 18.35 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

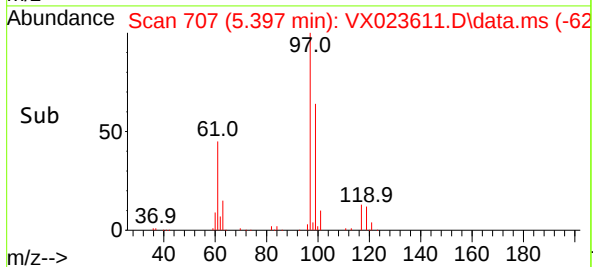
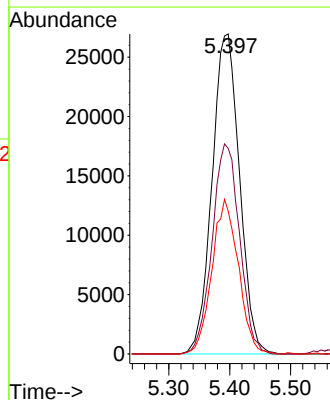
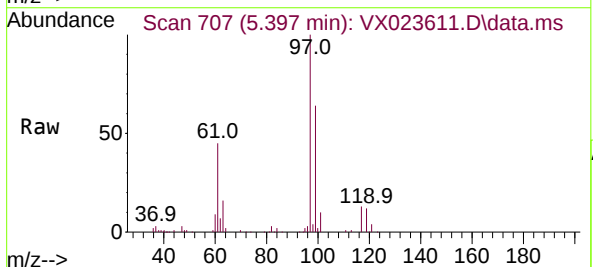
Instrument :  
MSVOA\_X  
ClientSampled :

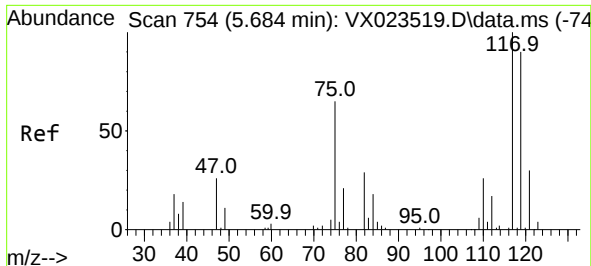
Tgt Ion: 77 Resp: 76036  
Ion Ratio Lower Upper  
77 100  
97 23.3 19.8 29.8



#32  
1,1,1-Trichloroethane  
Concen: 19.04 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 97 Resp: 84426  
Ion Ratio Lower Upper  
97 100  
99 65.6 50.4 75.6  
61 46.5 36.4 54.6

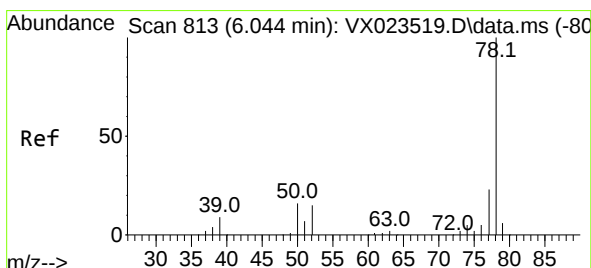
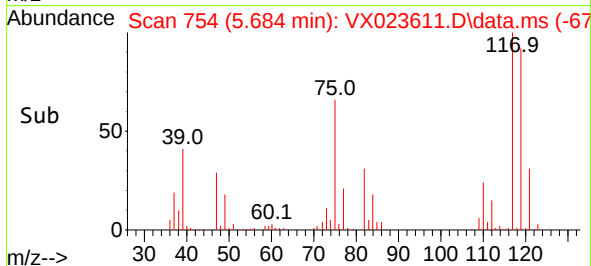
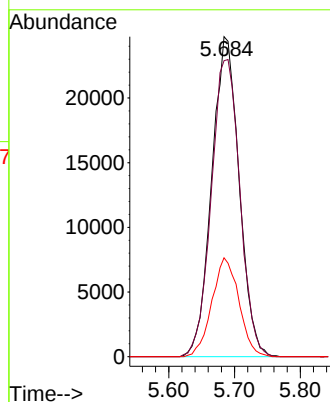
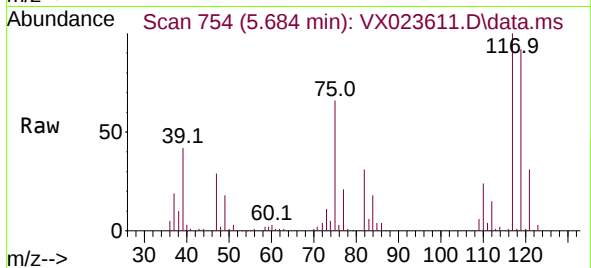




#33  
Carbon Tetrachloride  
Concen: 18.60 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

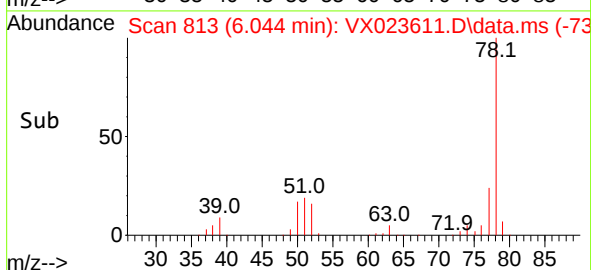
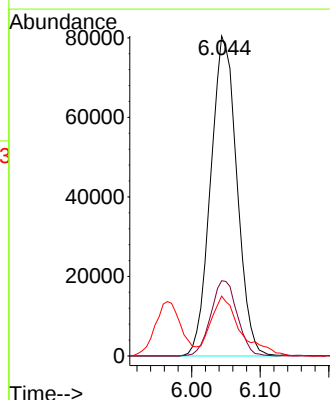
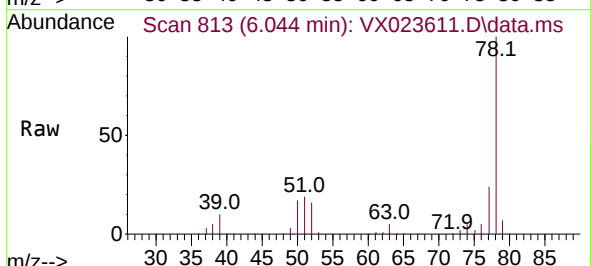
Instrument :  
MSVOA\_X  
ClientSampleId :

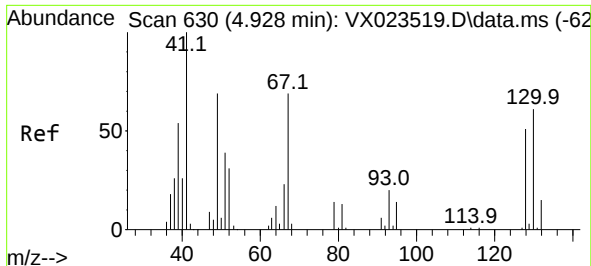
Tgt Ion:117 Resp: 71771  
Ion Ratio Lower Upper  
117 100  
119 92.5 75.4 113.2  
121 30.9 24.1 36.1



#34  
Benzene  
Concen: 19.35 ug/l  
RT: 6.044 min Scan# 813  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 78 Resp: 213902  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.3 28.9  
51 17.8 12.2 18.4



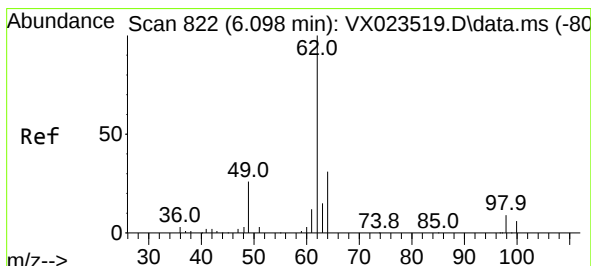
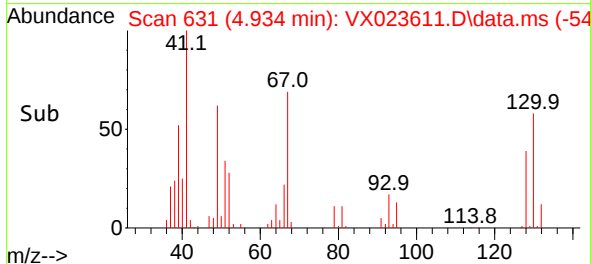
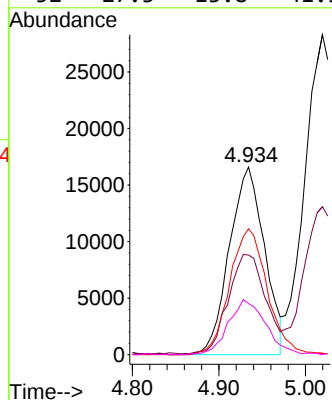
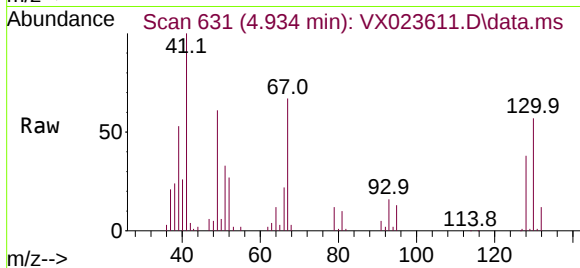


#35  
Methacrylonitrile  
Concen: 18.93 ug/l  
RT: 4.934 min Scan# 631  
Delta R.T. 0.006 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Instrument :  
MSVOA\_X  
ClientSampled :

Tgt Ion: 41 Resp: 46776

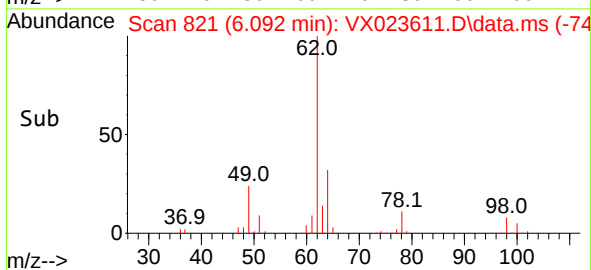
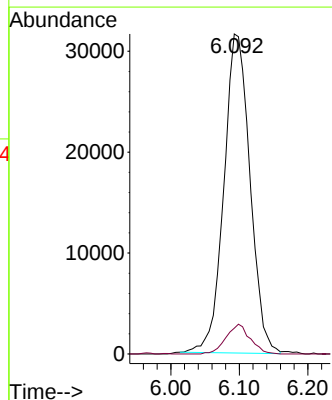
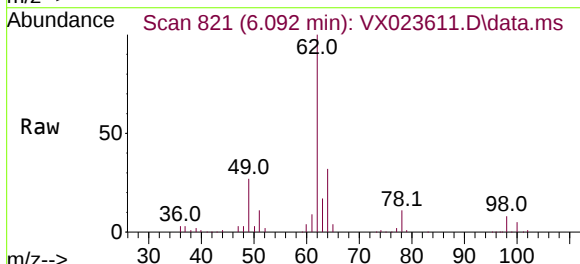
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 52.5  | 27.4  | 82.2  |
| 67  | 67.1  | 34.6  | 103.9 |
| 52  | 27.3  | 13.8  | 41.3  |

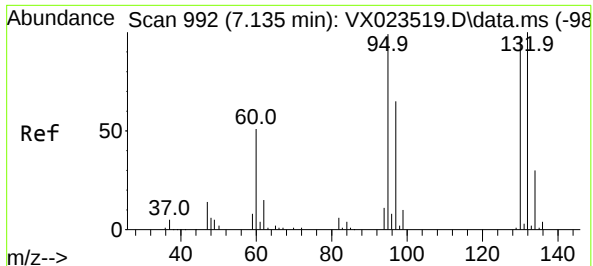


#36  
1,2-Dichloroethane  
Concen: 19.82 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 62 Resp: 83726

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.6   | 7.0   | 10.4  |





#37

Trichloroethene

Concen: 19.30 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.006 min

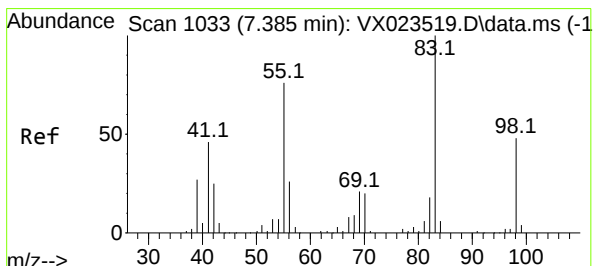
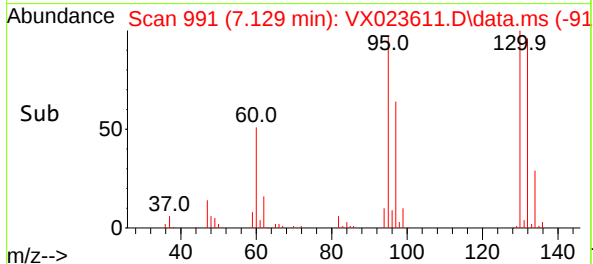
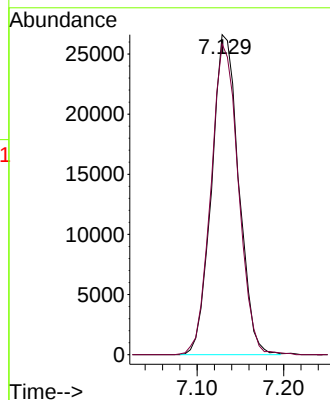
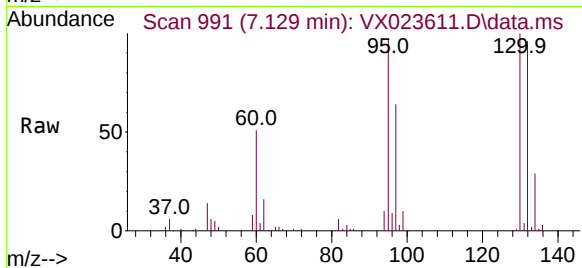
Lab File: VX023611.D

Acq: 09 Aug 2021 14:04

Tgt Ion:130 Resp: 57972

Ion Ratio Lower Upper

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 96.8  | 77.0  | 115.4 |



#38

Methylcyclohexane

Concen: 18.55 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

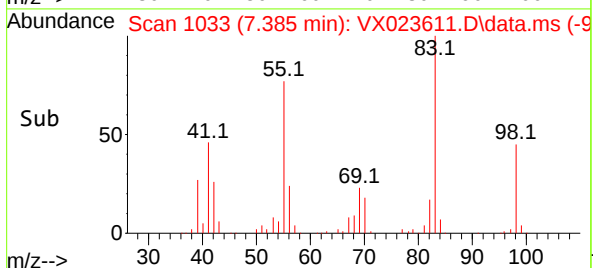
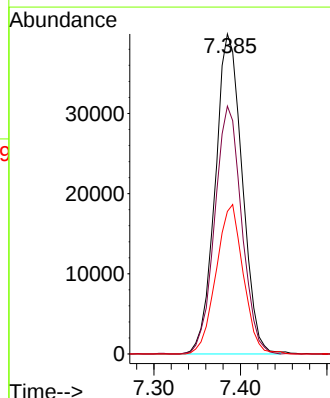
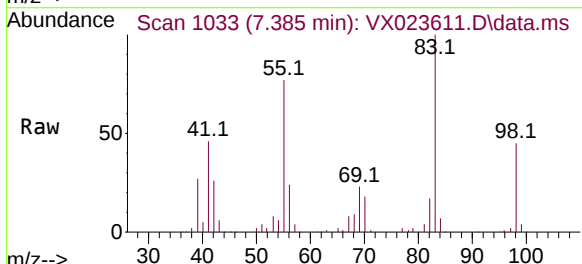
Lab File: VX023611.D

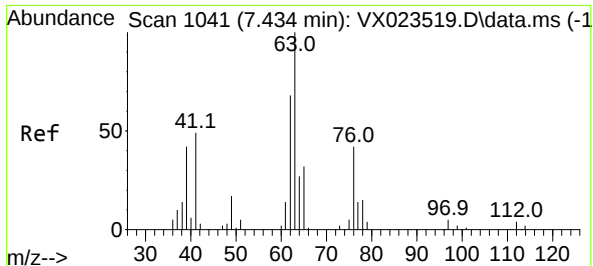
Acq: 09 Aug 2021 14:04

Tgt Ion: 83 Resp: 86524

Ion Ratio Lower Upper

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 77.1  | 37.8  | 113.4 |
| 98  | 46.8  | 23.4  | 70.3  |





#39

1,2-Dichloropropane

Concen: 19.66 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VX023611.D

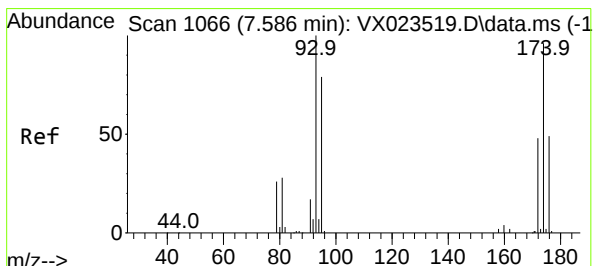
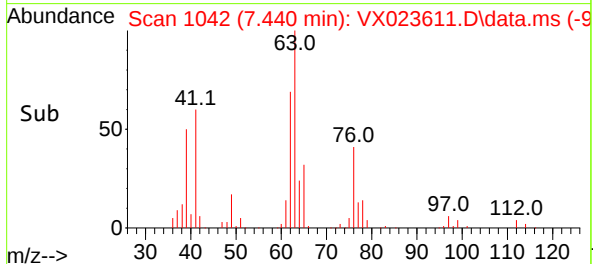
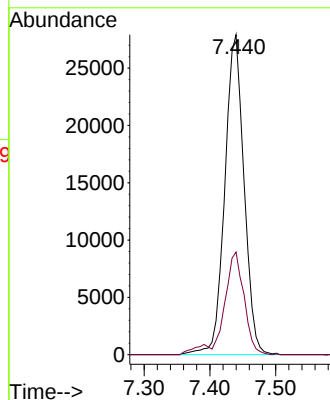
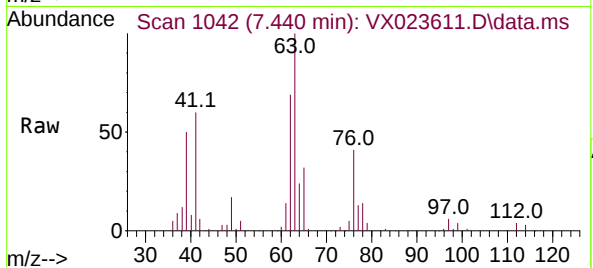
Acq: 09 Aug 2021 14:04

Tgt Ion: 63 Resp: 56852

Ion Ratio Lower Upper

63 100

65 32.1 23.4 35.0



#40

Dibromomethane

Concen: 18.81 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX023611.D

Acq: 09 Aug 2021 14:04

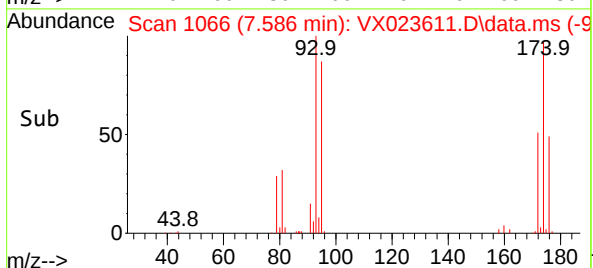
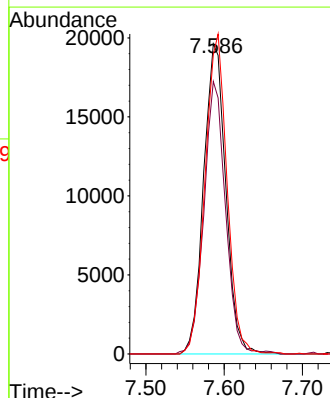
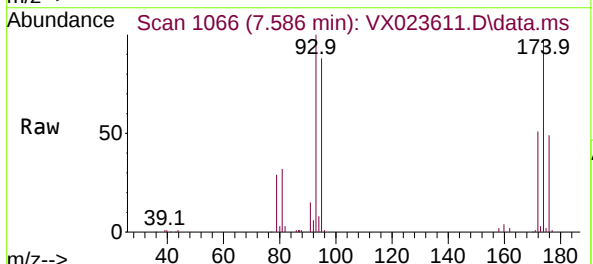
Tgt Ion: 93 Resp: 38596

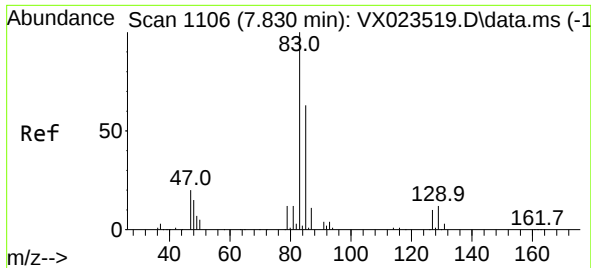
Ion Ratio Lower Upper

93 100

95 85.3 0.0 168.4

174 102.0 0.0 206.6

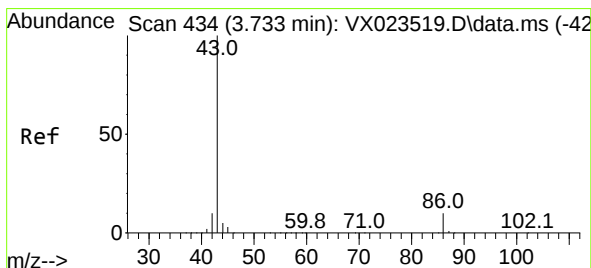
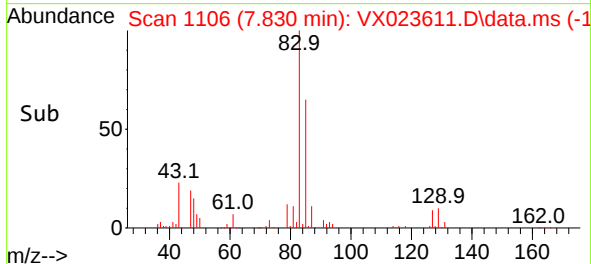
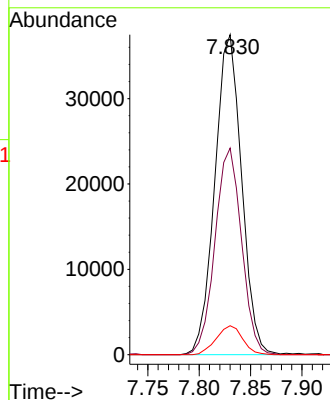
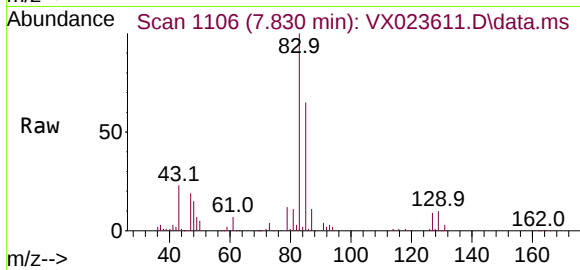




#41  
Bromodichloromethane  
Concen: 18.24 ug/l  
RT: 7.830 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

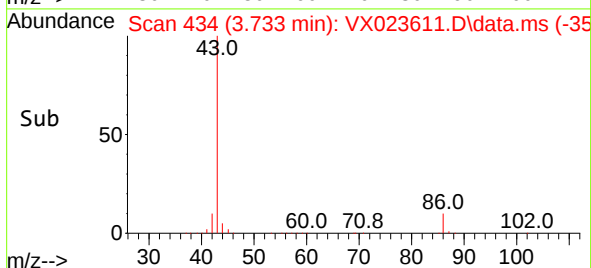
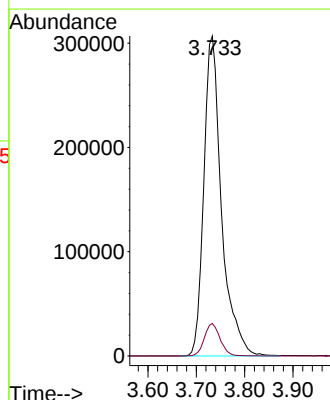
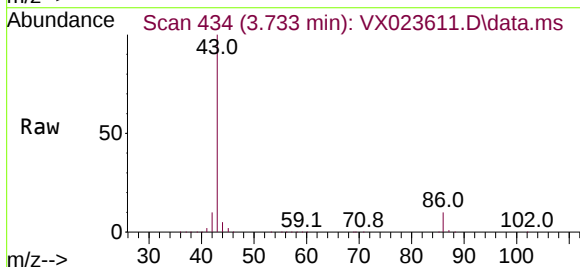
Instrument :  
MSVOA\_X  
ClientSampleId :

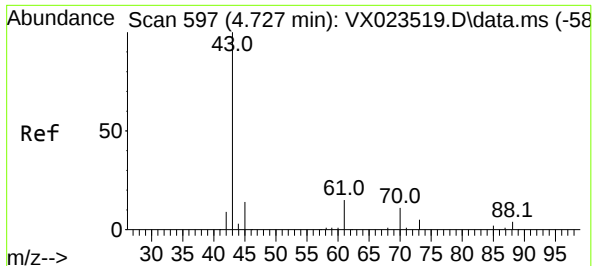
Tgt Ion: 83 Resp: 67912  
Ion Ratio Lower Upper  
83 100  
85 64.5 51.7 77.5  
127 9.0 7.4 11.0



#42  
Vinyl Acetate  
Concen: 97.65 ug/l  
RT: 3.733 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 43 Resp: 781695  
Ion Ratio Lower Upper  
43 100  
86 9.0 7.2 10.8

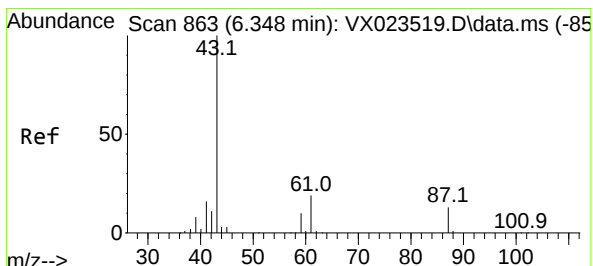
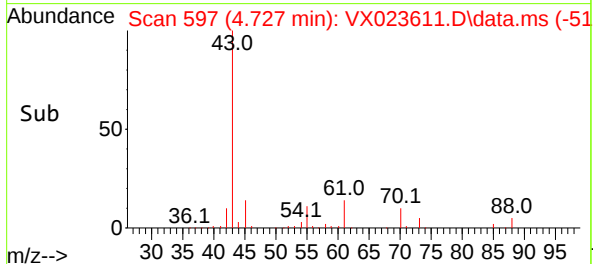
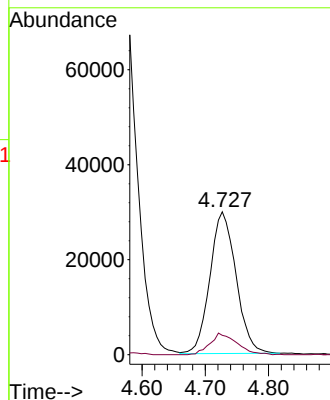
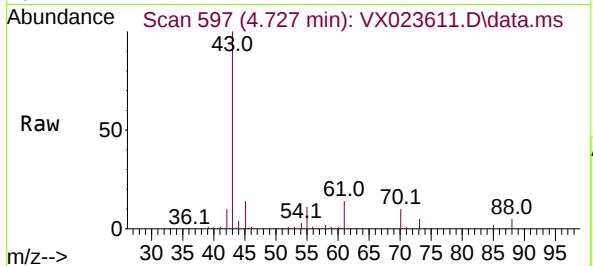




#43  
Ethyl Acetate  
Concen: 18.76 ug/l  
RT: 4.727 min Scan# 597  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

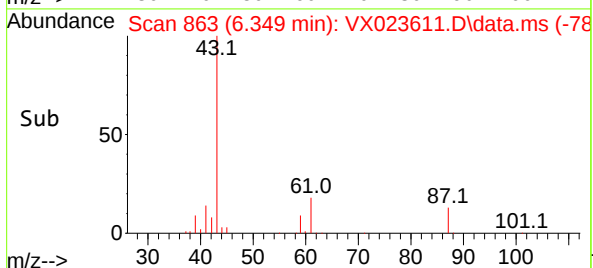
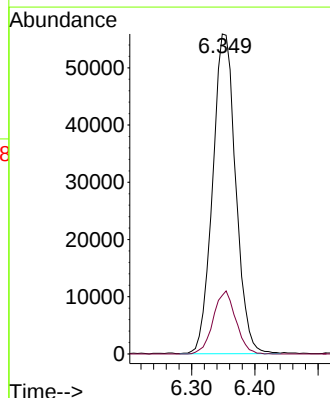
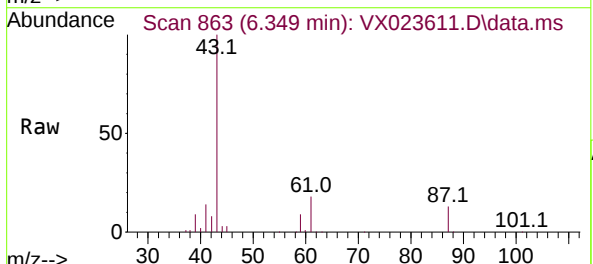
Instrument :  
MSVOA\_X  
ClientSampled :

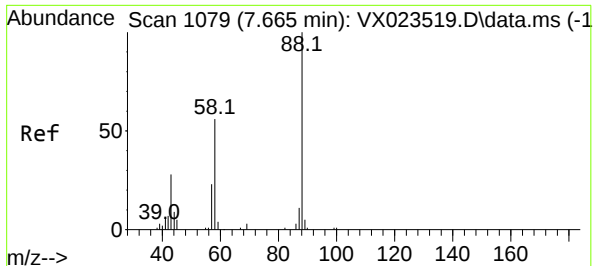
Tgt Ion: 43 Resp: 85540  
Ion Ratio Lower Upper  
43 100  
45 15.6 12.1 18.1



#44  
Isopropyl Acetate  
Concen: 19.50 ug/l  
RT: 6.349 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 43 Resp: 141523  
Ion Ratio Lower Upper  
43 100  
61 19.2 15.4 23.2

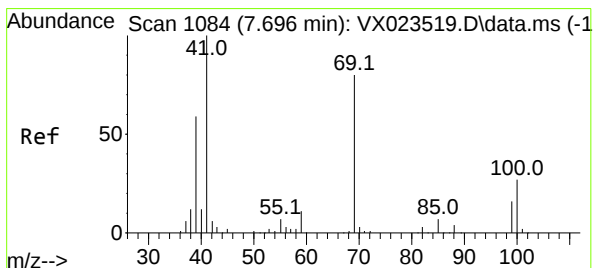
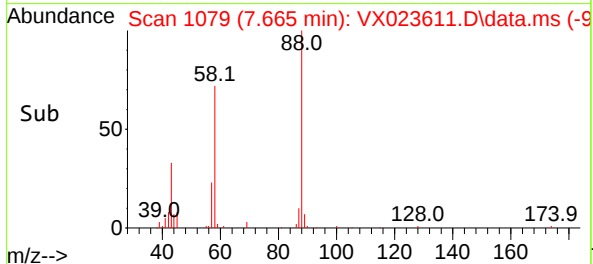
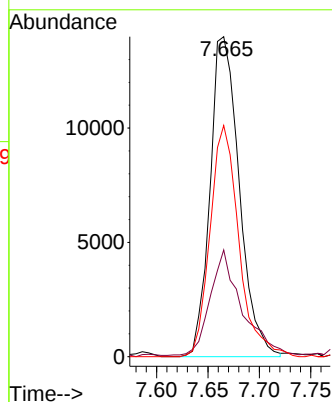
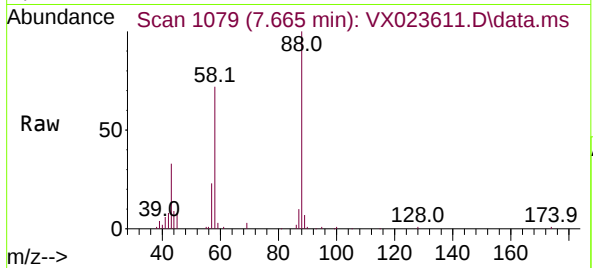




#45  
1,4-Dioxane  
Concen: 367.68 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

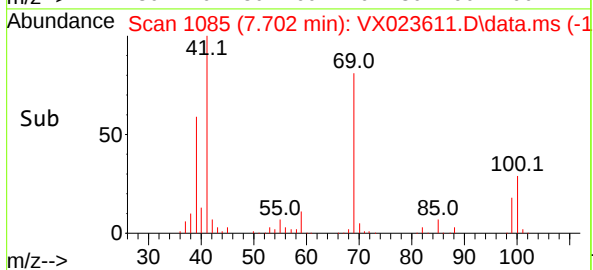
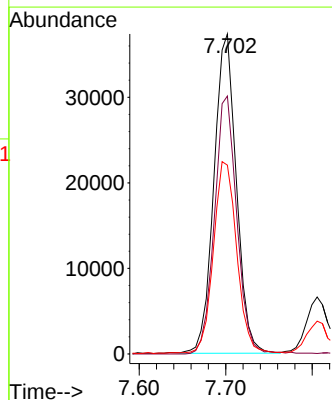
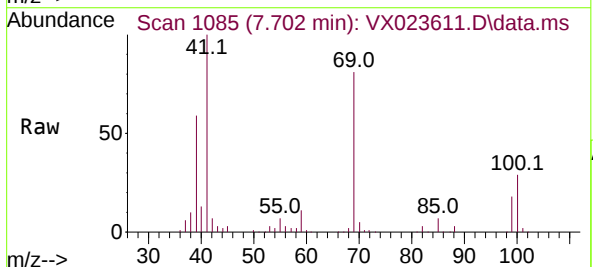
Instrument :  
MSVOA\_X  
ClientSampleId :

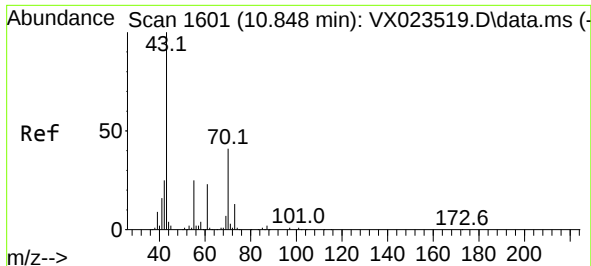
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 27689 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 35.6  | 25.3  | 37.9  |
| 58       | 71.2  | 53.1  | 79.7  |



#46  
Methyl methacrylate  
Concen: 19.19 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. 0.006 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 67153 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 80.9  | 39.5  | 118.5 |
| 39       | 58.8  | 29.0  | 87.1  |

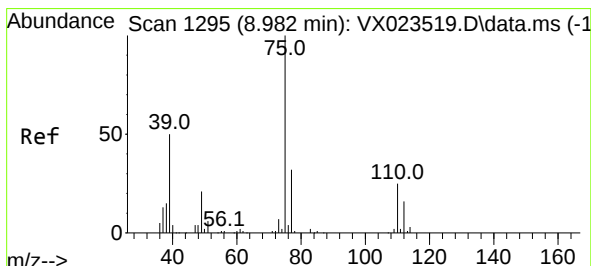
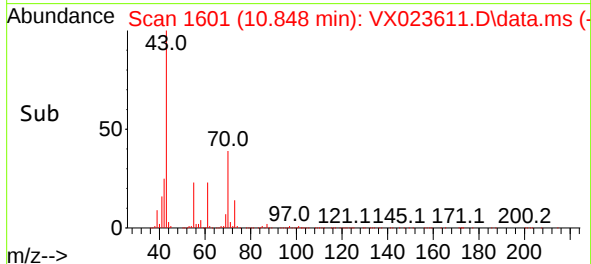
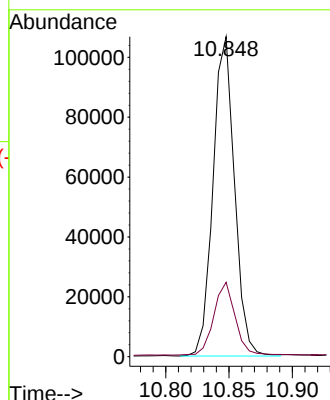
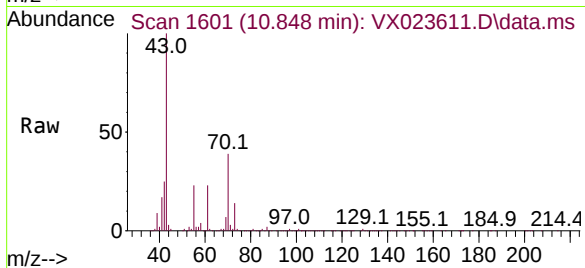




#47  
n-amy1 Acetate  
Concen: 20.38 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

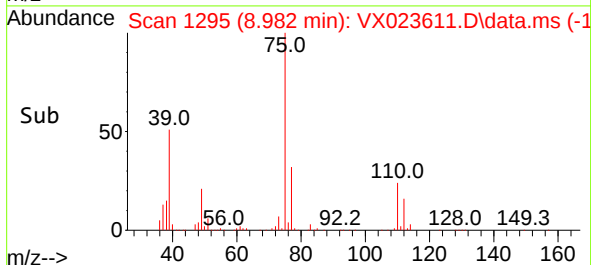
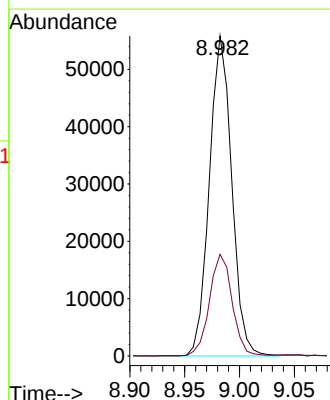
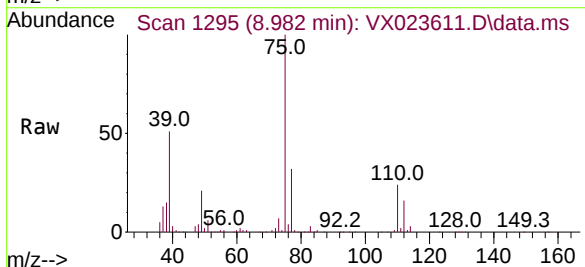
Instrument :  
MSVOA\_X  
ClientSampleId :

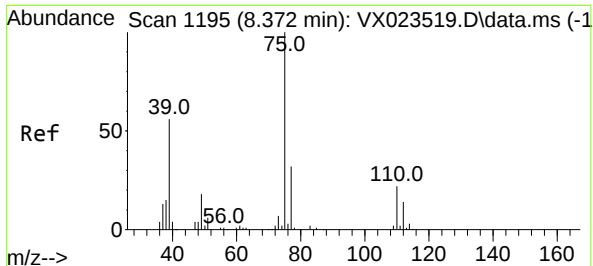
Tgt Ion: 43 Resp: 125866  
Ion Ratio Lower Upper  
43 100  
55 21.9 18.9 28.3



#48  
t-1,3-Dichloropropene  
Concen: 18.25 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 75 Resp: 79340  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.8 38.8



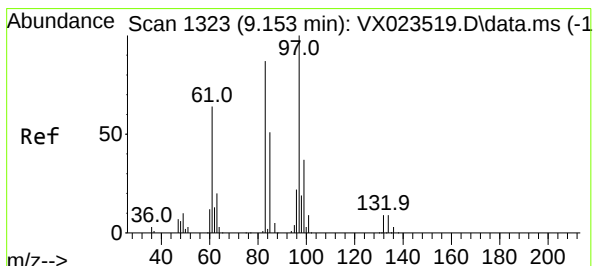
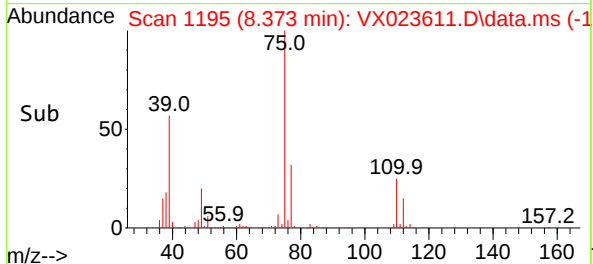
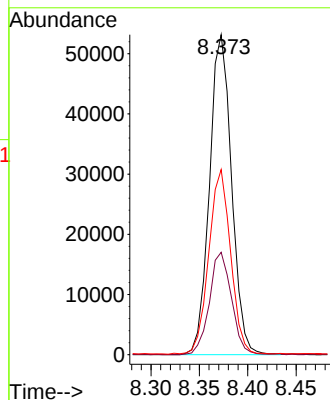
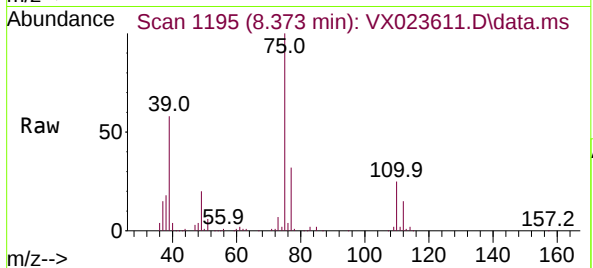


#49

cis-1,3-Dichloropropene  
Concen: 18.34 ug/l  
RT: 8.373 min Scan# 1195  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Instrument :  
MSVOA\_X  
ClientSampled :

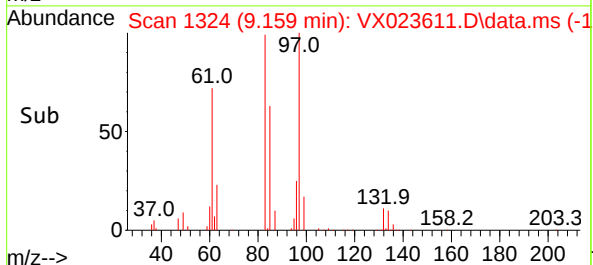
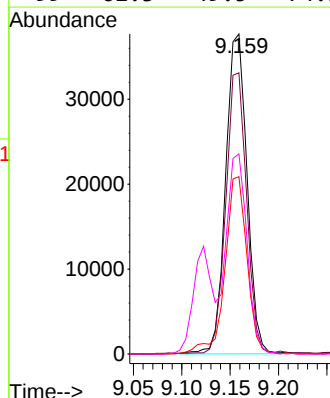
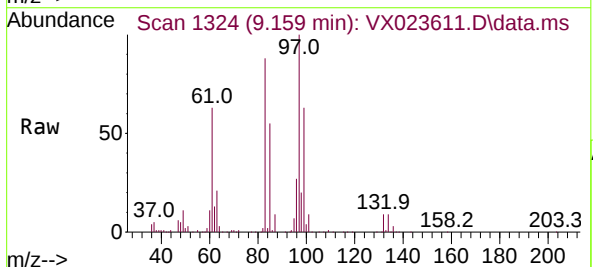
Tgt Ion: 75 Resp: 84560  
Ion Ratio Lower Upper  
75 100  
77 32.0 23.6 35.4  
39 57.6 44.0 66.0

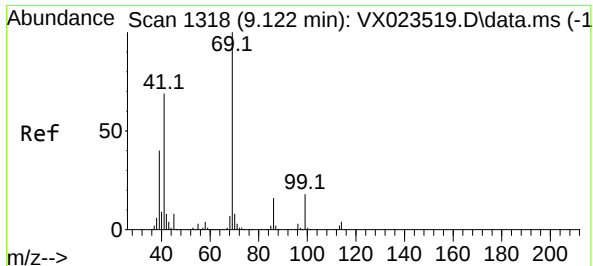


#50

1,1,2-Trichloroethane  
Concen: 19.53 ug/l  
RT: 9.159 min Scan# 1324  
Delta R.T. 0.006 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 97 Resp: 57862  
Ion Ratio Lower Upper  
97 100  
83 87.7 64.2 96.4  
85 55.5 42.4 63.6  
99 62.3 49.5 74.3

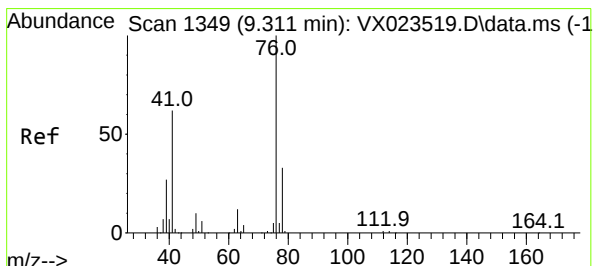
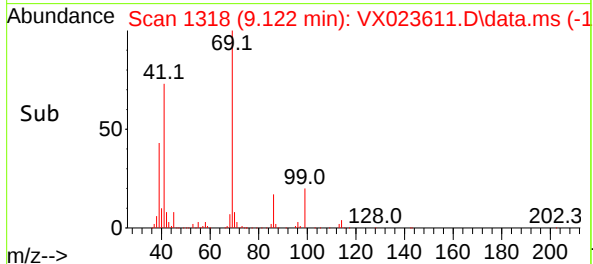
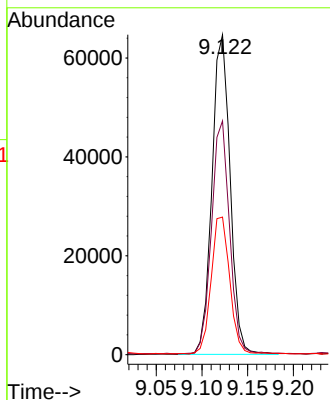
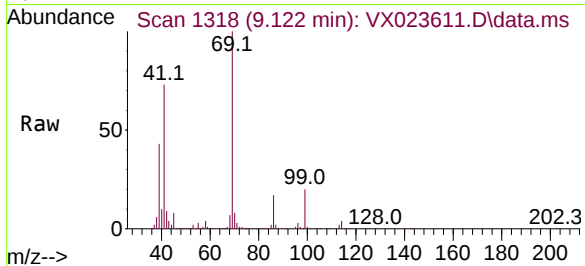




#51  
Ethyl methacrylate  
Concen: 19.16 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

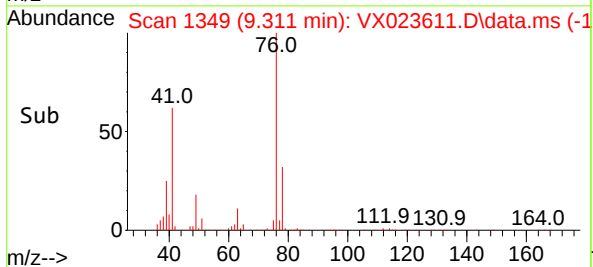
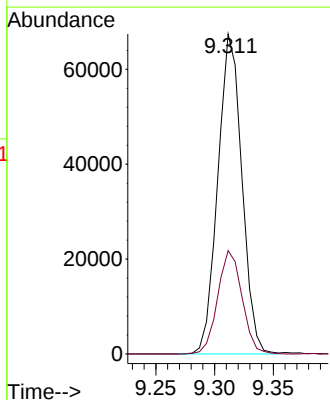
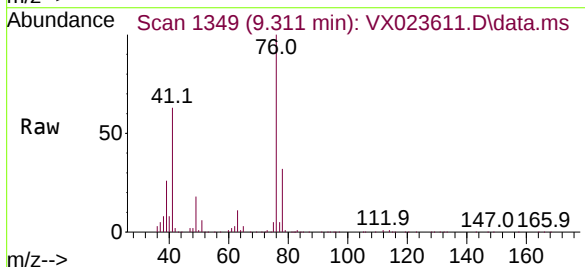
Instrument :  
MSVOA\_X  
ClientSampleId :

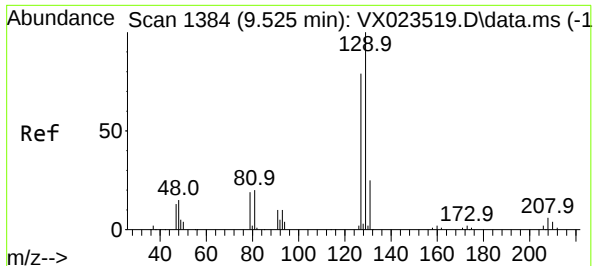
Tgt Ion: 69 Resp: 89523  
Ion Ratio Lower Upper  
69 100  
41 72.8 35.8 107.3  
39 42.7 20.3 60.8



#52  
1,3-Dichloropropane  
Concen: 19.78 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 76 Resp: 96198  
Ion Ratio Lower Upper  
76 100  
78 32.6 0.0 64.0

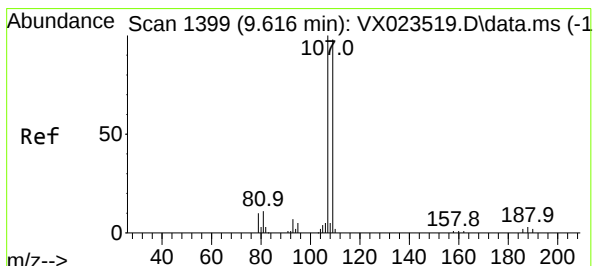
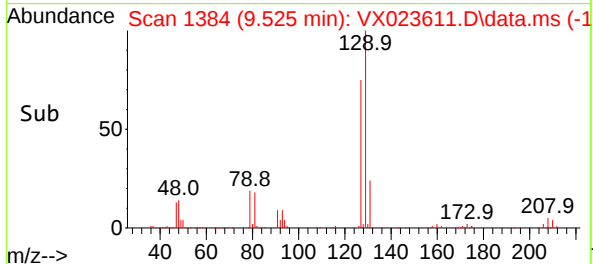
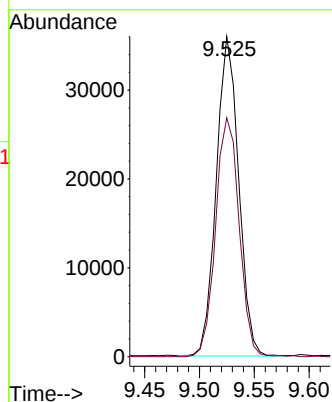
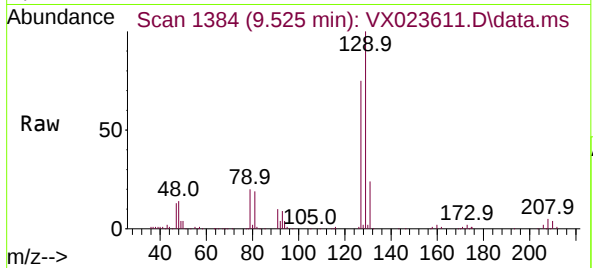




#53  
Dibromochloromethane  
Concen: 17.17 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

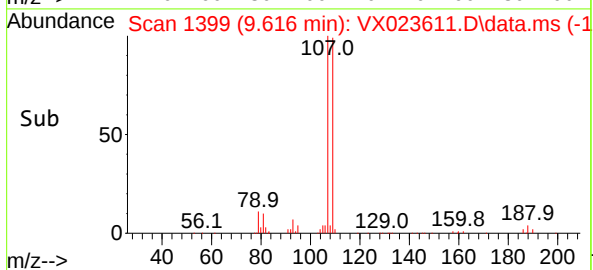
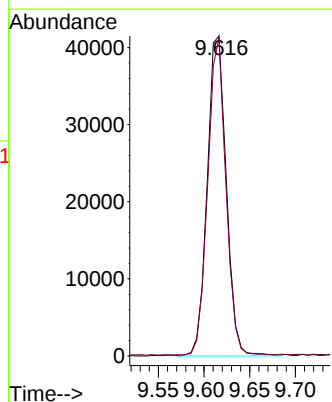
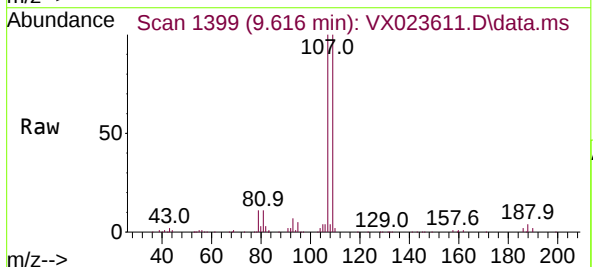
Instrument :  
MSVOA\_X  
ClientSampleId :

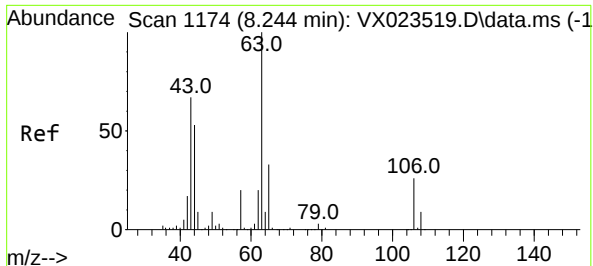
Tgt Ion:129 Resp: 51136  
Ion Ratio Lower Upper  
129 100  
127 78.2 39.3 117.9



#54  
1,2-Dibromoethane  
Concen: 19.21 ug/l  
RT: 9.616 min Scan# 1399  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion:107 Resp: 60246  
Ion Ratio Lower Upper  
107 100  
109 93.6 75.3 112.9

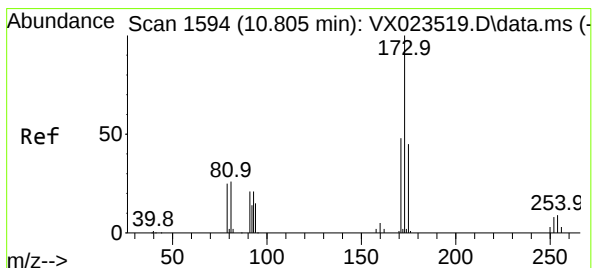
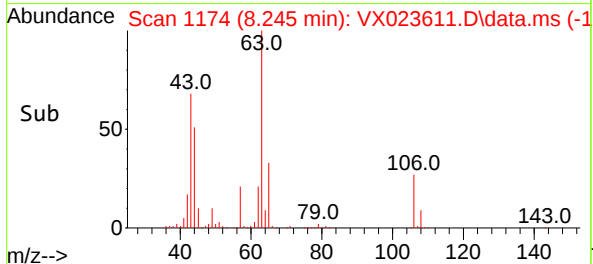
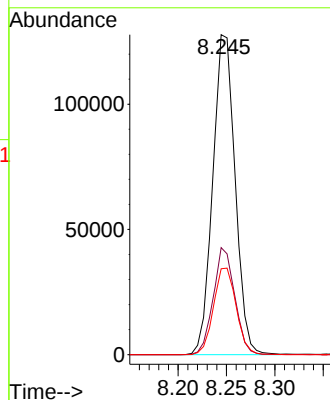
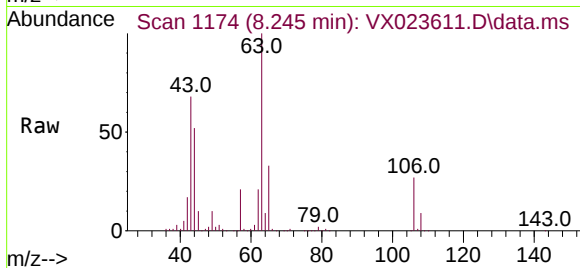




#55  
2-Chloroethyl vinyl ether  
Concen: 88.10 ug/l  
RT: 8.245 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

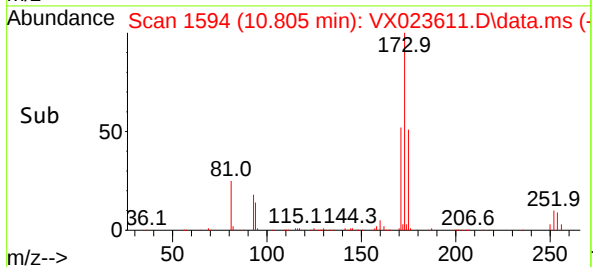
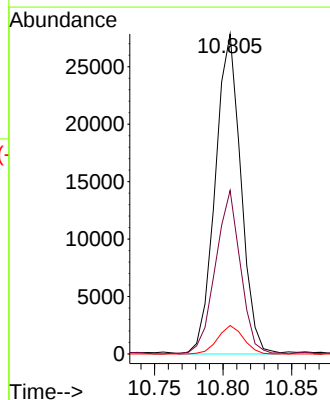
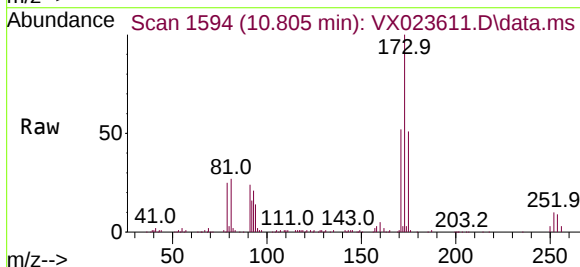
Instrument :  
MSVOA\_X  
ClientSampled :

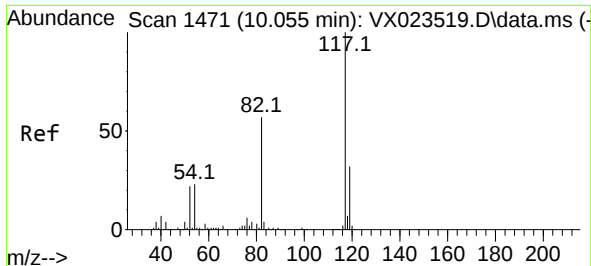
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 63    | Resp: | 205579 |
| Ion      | Ratio | Lower | Upper  |
| 63       | 100   |       |        |
| 65       | 32.1  | 25.8  | 38.6   |
| 106      | 27.5  | 21.8  | 32.8   |



#56  
Bromoform  
Concen: 16.97 ug/l  
RT: 10.805 min Scan# 1594  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 36256 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 49.9  | 38.4  | 57.6  |
| 254      | 8.9   | 7.3   | 10.9  |

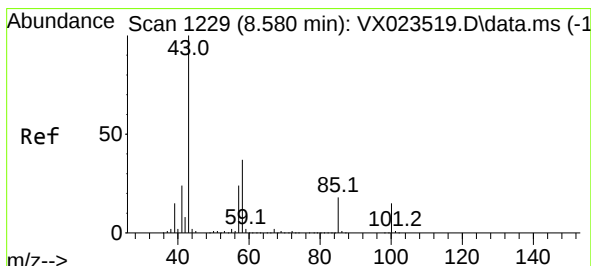
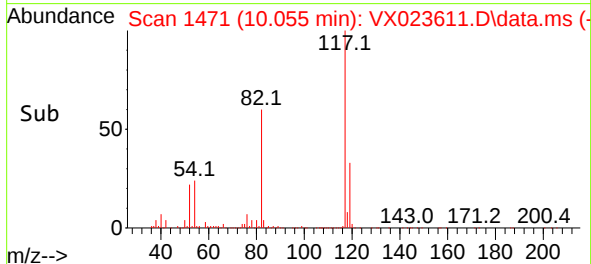
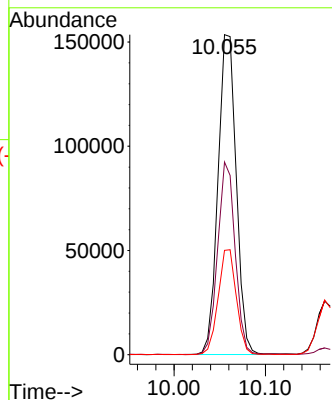
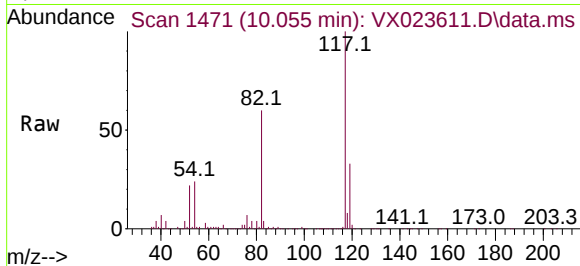




#57  
Chlorobenzene-d5  
Concen: 30.00 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

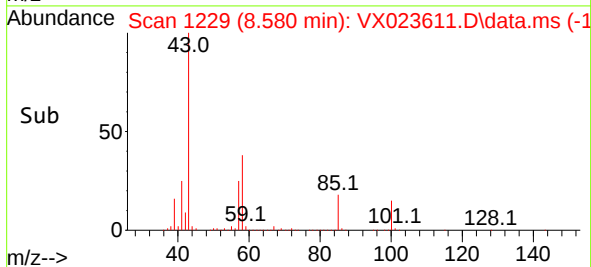
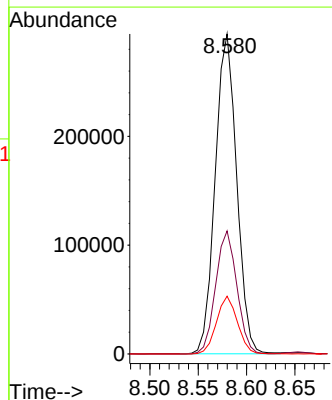
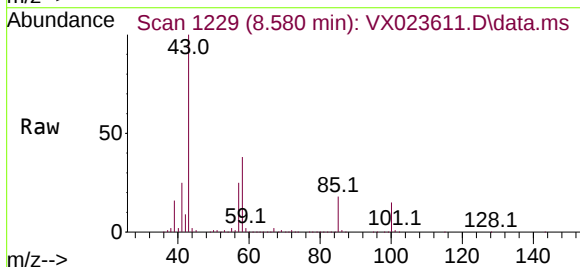
Instrument :  
MSVOA\_X  
ClientSampleId :

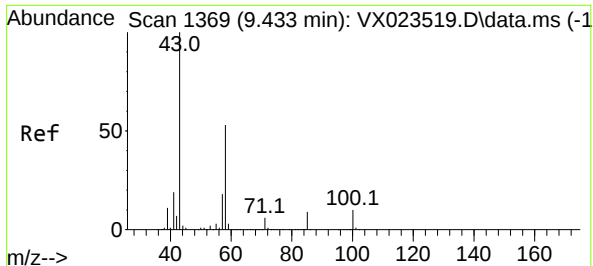
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 213161 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 57.6  | 45.0  | 67.4   |
| 119      | 32.9  | 26.2  | 39.2   |



#58  
4-Methyl-2-Pentanone  
Concen: 98.80 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 454034 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 38.0  | 30.5  | 45.7   |
| 85       | 17.6  | 14.0  | 21.0   |





#59

2-Hexanone

Concen: 98.79 ug/l

RT: 9.433 min Scan# 1369

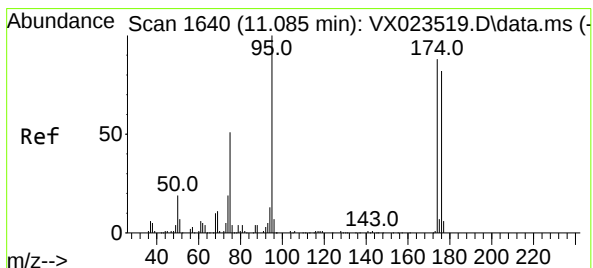
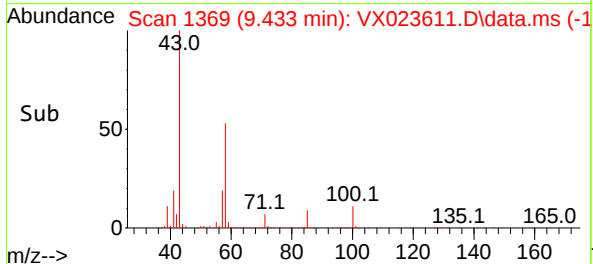
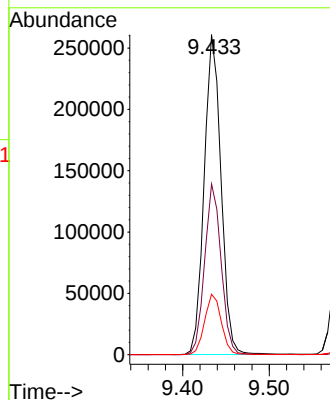
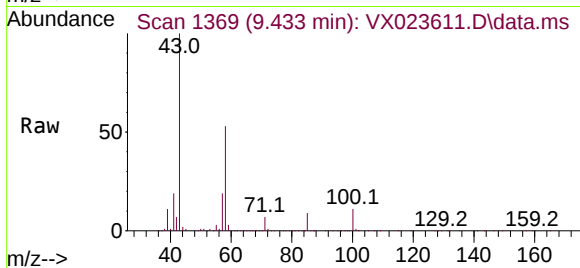
Delta R.T. 0.000 min

Lab File: VX023611.D

Acq: 09 Aug 2021 14:04

Tgt Ion: 43 Resp: 352546

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 52.2  | 42.1  | 63.1  |
| 57  | 18.9  | 14.9  | 22.3  |



#60

4-Bromofluorobenzene

Concen: 30.30 ug/l

RT: 11.085 min Scan# 1640

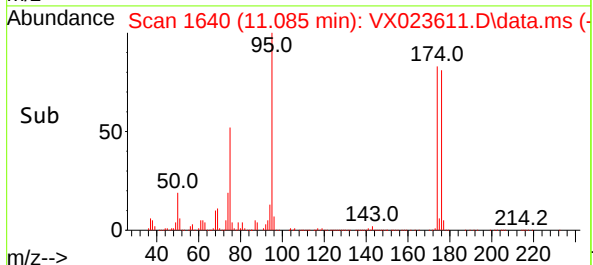
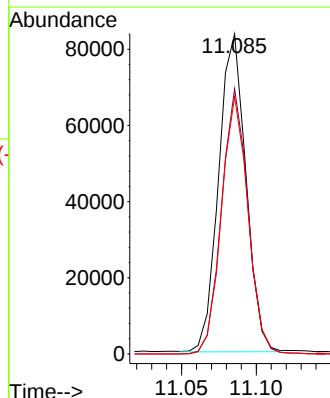
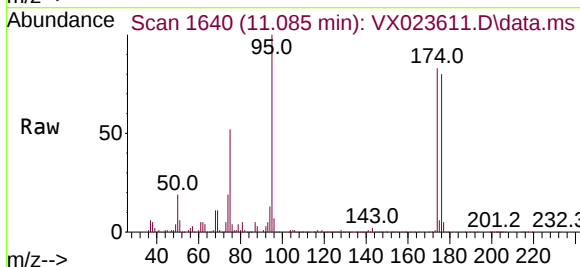
Delta R.T. 0.000 min

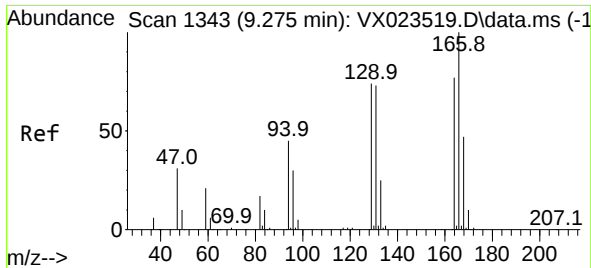
Lab File: VX023611.D

Acq: 09 Aug 2021 14:04

Tgt Ion: 95 Resp: 105803

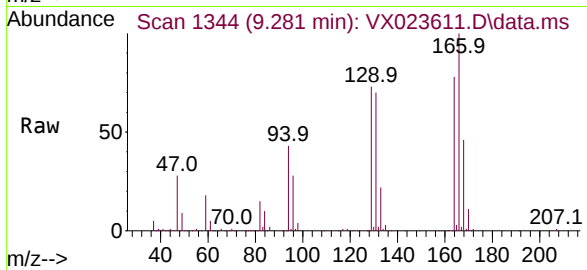
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 80.6  | 63.5  | 95.3  |
| 176 | 78.7  | 63.0  | 94.4  |



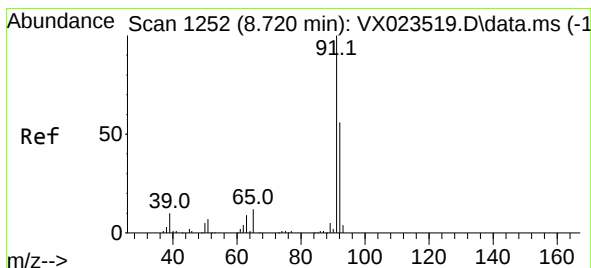
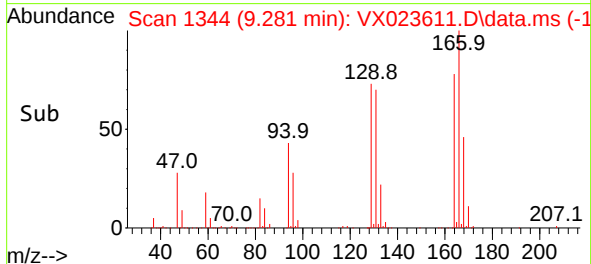
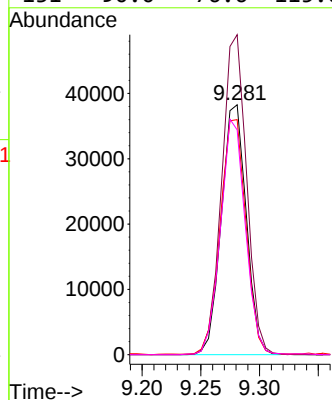


#61  
Tetrachloroethene  
Concen: 19.64 ug/l  
RT: 9.281 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Instrument :  
MSVOA\_X  
ClientSampleId :

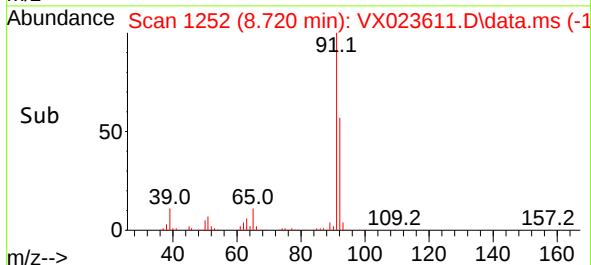
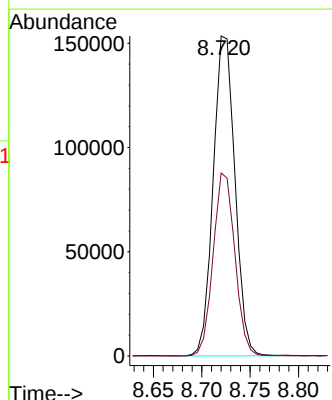
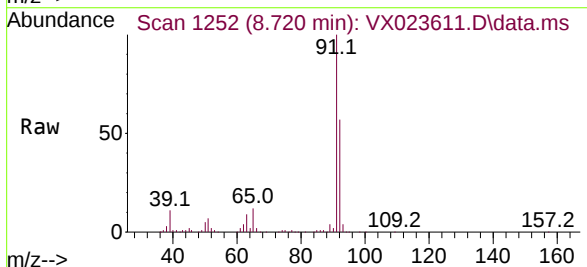


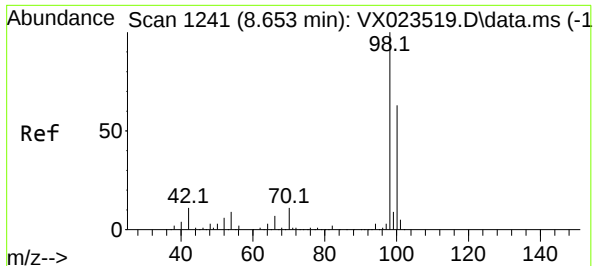
Tgt Ion:164 Resp: 56256  
Ion Ratio Lower Upper  
164 100  
166 128.1 98.6 147.8  
129 93.9 79.7 119.5  
131 90.0 76.6 115.0



#62  
Toluene  
Concen: 19.98 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 91 Resp: 240272  
Ion Ratio Lower Upper  
91 100  
92 57.2 46.5 69.7

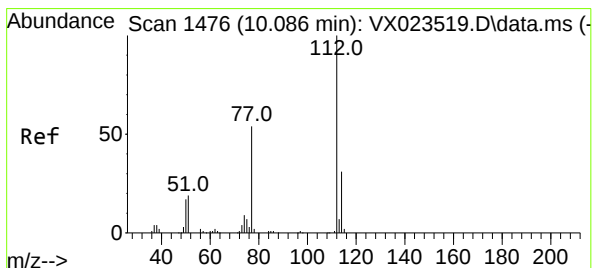
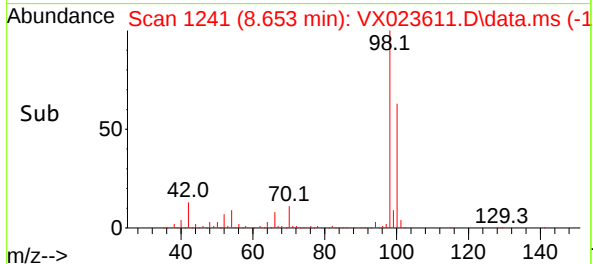
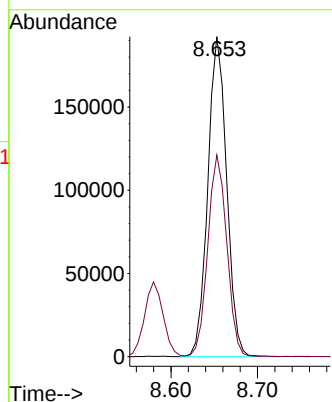
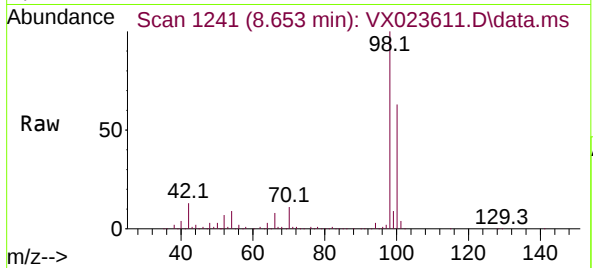




#63  
Toluene-d8  
Concen: 30.27 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

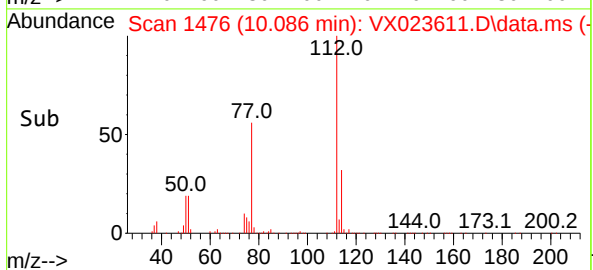
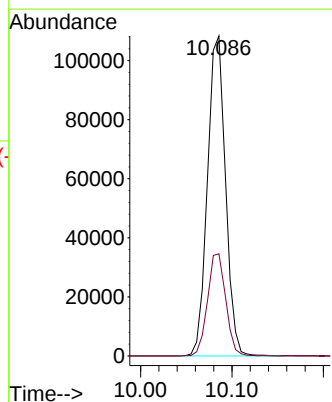
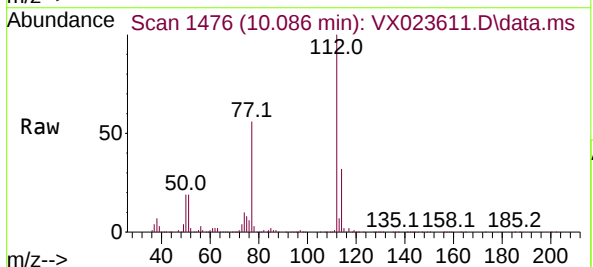
Instrument :  
MSVOA\_X  
ClientSampleId :

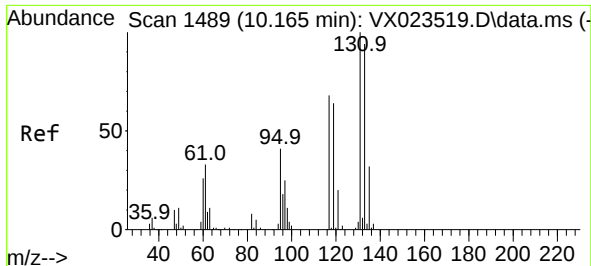
Tgt Ion: 98 Resp: 290350  
Ion Ratio Lower Upper  
98 100  
100 63.6 51.4 77.0



#64  
Chlorobenzene  
Concen: 19.56 ug/l  
RT: 10.086 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 112 Resp: 148818  
Ion Ratio Lower Upper  
112 100  
114 32.0 26.0 39.0

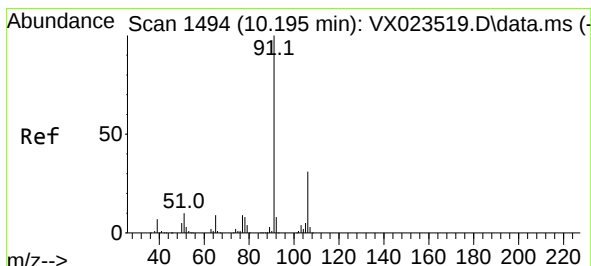
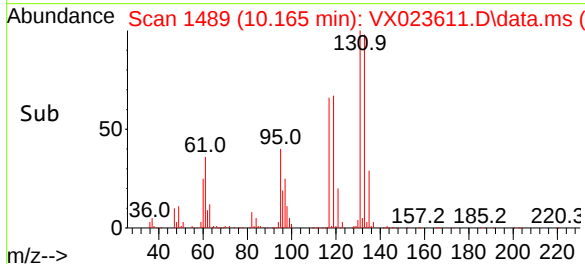
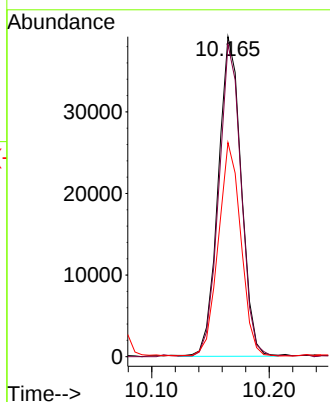
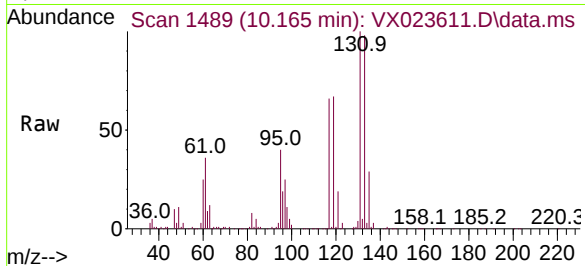




#65  
1,1,1,2-Tetrachloroethane  
Concen: 18.94 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

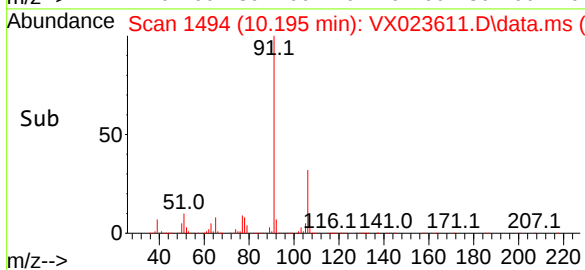
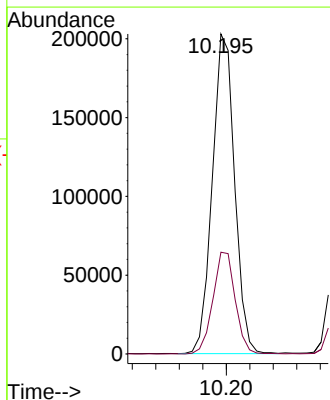
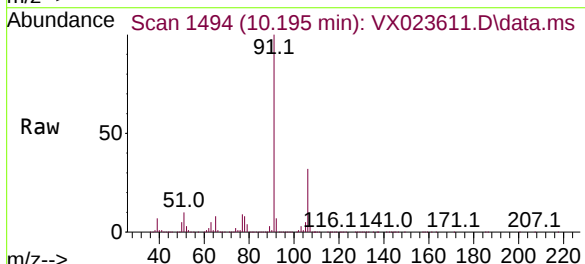
Instrument :  
MSVOA\_X  
ClientSampleId :

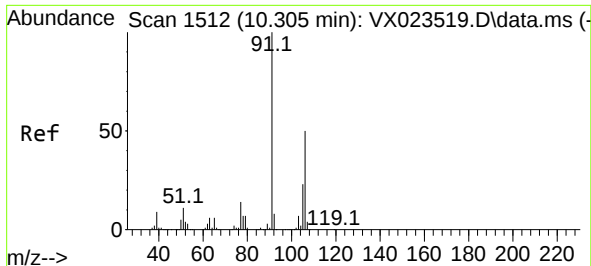
Tgt Ion:131 Resp: 53344  
Ion Ratio Lower Upper  
131 100  
133 95.1 0.0 191.2  
119 65.3 0.0 133.2



#66  
Ethyl Benzene  
Concen: 20.05 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 91 Resp: 266864  
Ion Ratio Lower Upper  
91 100  
106 31.8 24.7 37.1

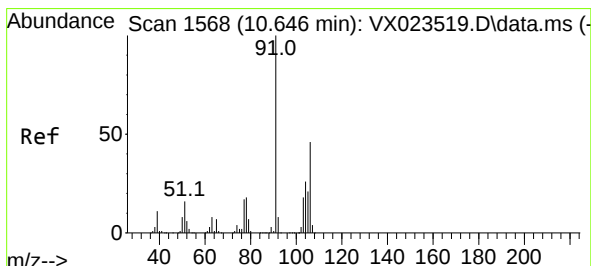
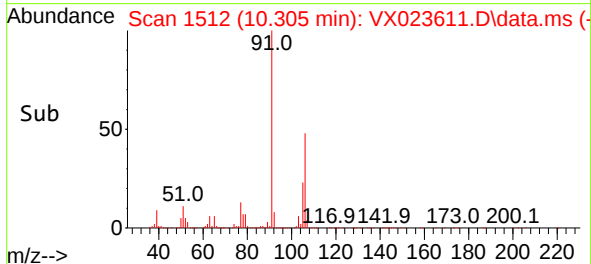
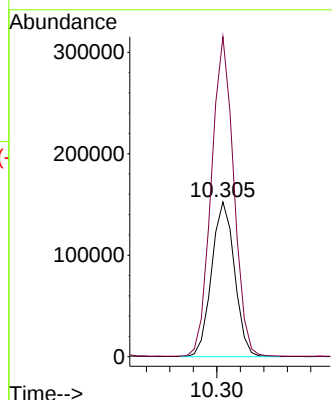
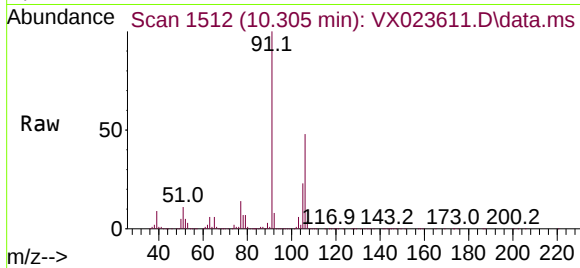




#67  
m/p-Xylenes  
Concen: 40.17 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

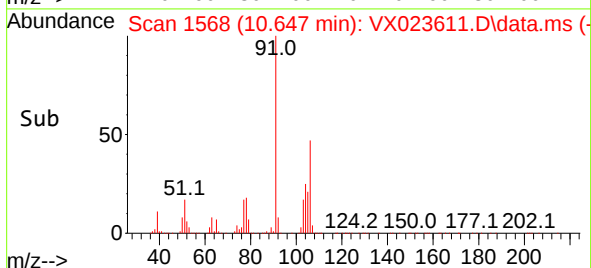
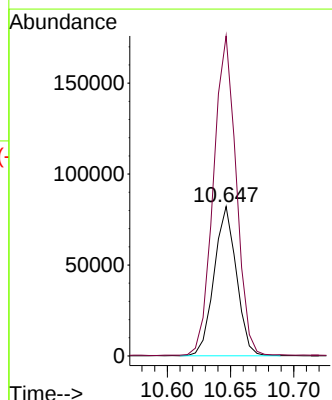
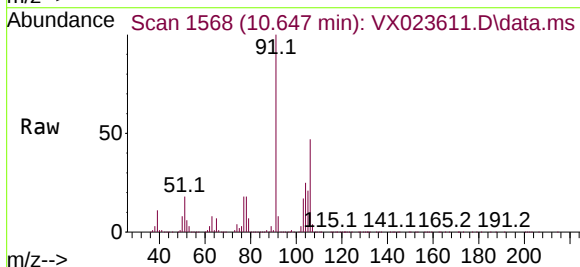
Instrument :  
MSVOA\_X  
ClientSampleId :

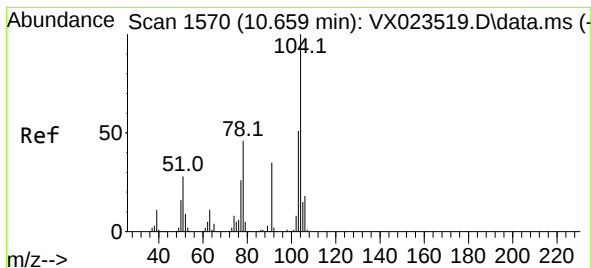
Tgt Ion:106 Resp: 206750  
Ion Ratio Lower Upper  
106 100  
91 202.1 162.4 243.6



#68  
o-Xylene  
Concen: 19.86 ug/l  
RT: 10.647 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion:106 Resp: 100757  
Ion Ratio Lower Upper  
106 100  
91 217.7 107.3 321.8





#69

Styrene

Concen: 20.00 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX023611.D

Acq: 09 Aug 2021 14:04

Tgt Ion:104 Resp: 167199

Ion Ratio Lower Upper

104 100

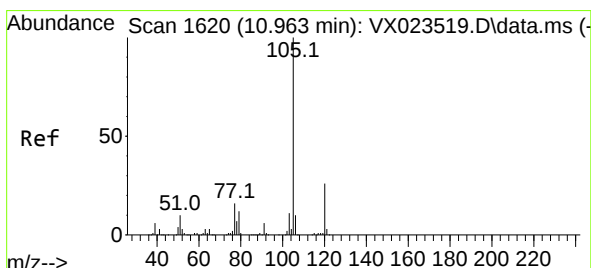
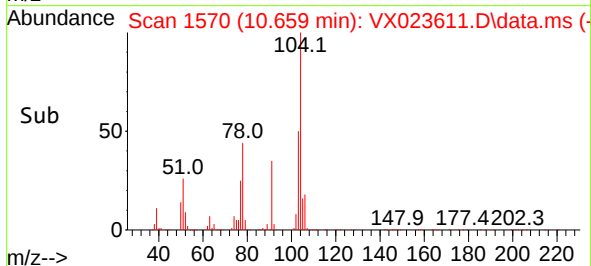
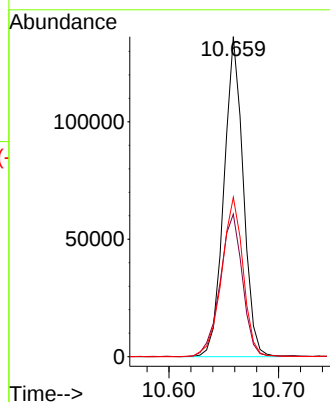
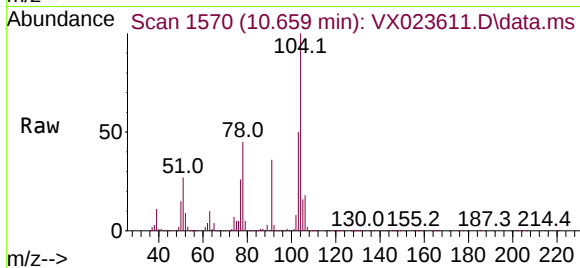
78 51.5 41.4 62.0

103 55.4 44.2 66.4

Instrument :

MSVOA\_X

ClientSampleId :



#70

Isopropylbenzene

Concen: 19.90 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX023611.D

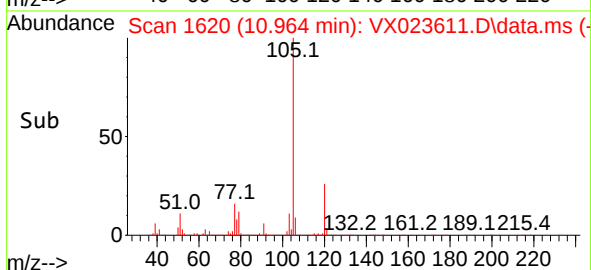
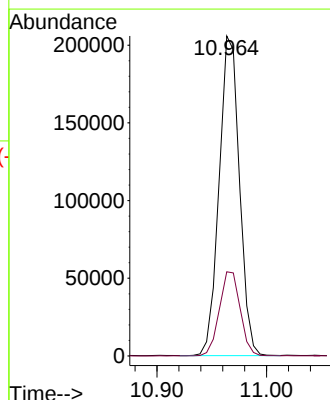
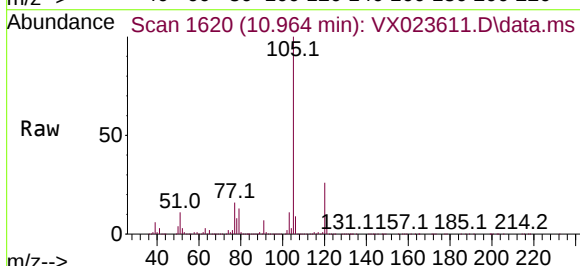
Acq: 09 Aug 2021 14:04

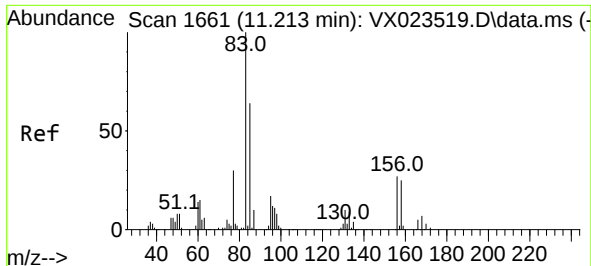
Tgt Ion:105 Resp: 265499

Ion Ratio Lower Upper

105 100

120 26.9 18.7 34.7

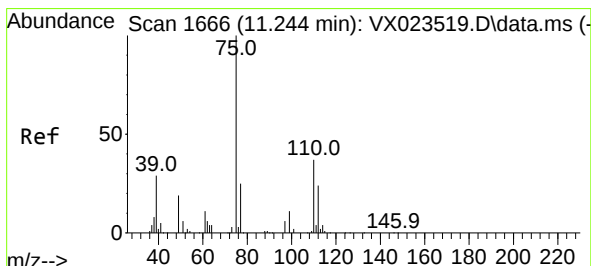
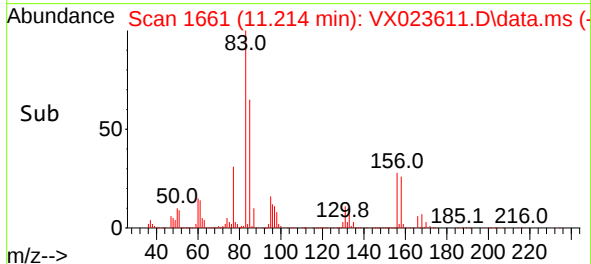
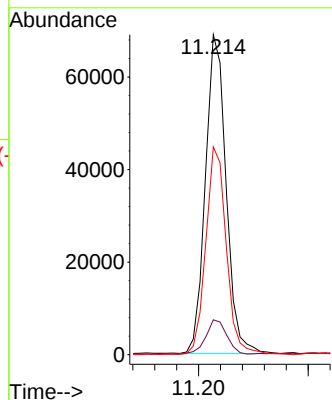
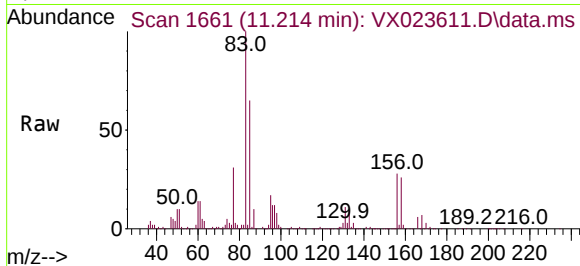




#71  
1,1,2,2-Tetrachloroethane  
Concen: 21.15 ug/l  
RT: 11.214 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

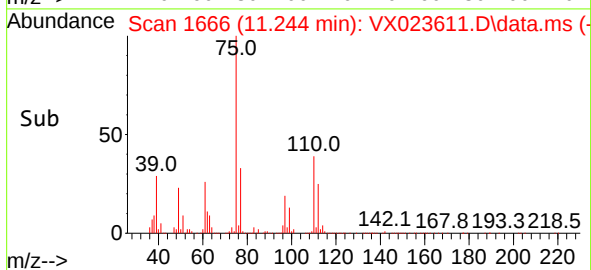
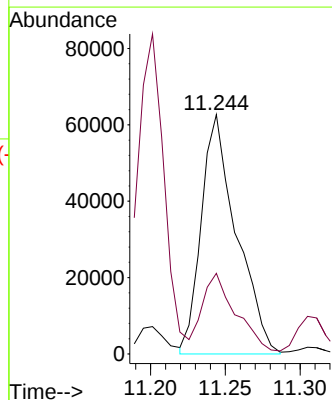
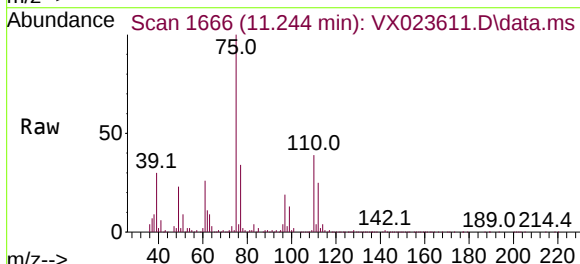
Instrument :  
MSVOA\_X  
ClientSampleId :

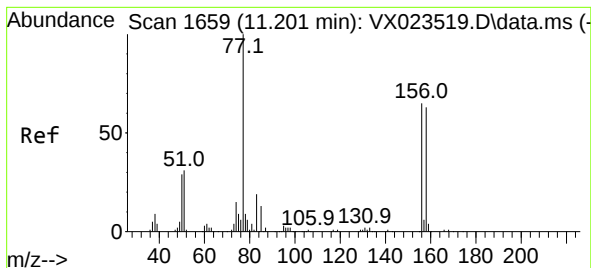
Tgt Ion: 83 Resp: 90264  
Ion Ratio Lower Upper  
83 100  
131 10.8 5.1 15.4  
85 64.7 32.4 97.2



#72  
1,2,3-Trichloropropane  
Concen: 25.63 ug/l  
RT: 11.244 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 75 Resp: 102825  
Ion Ratio Lower Upper  
75 100  
77 31.7 0.0 77.4

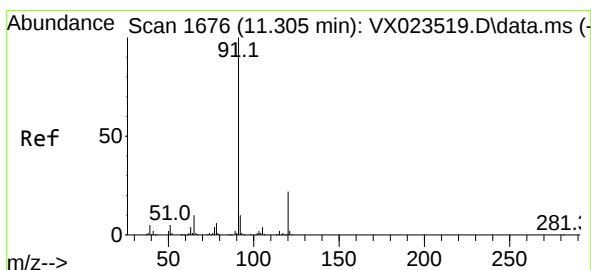
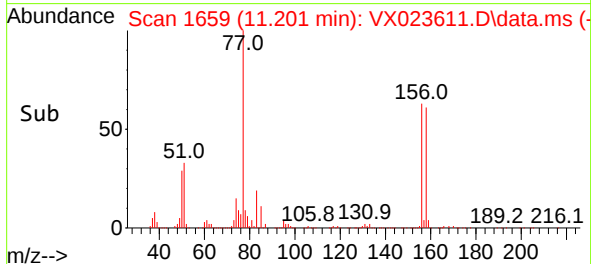
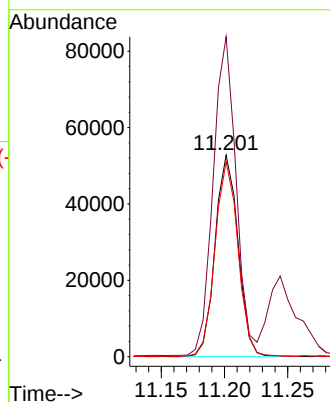
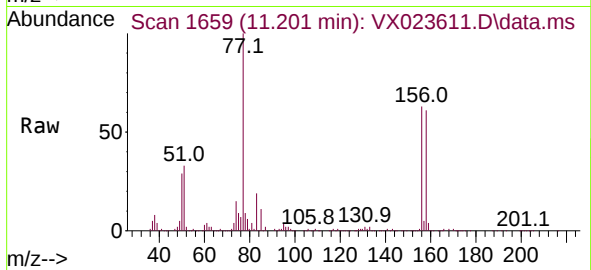




#73  
Bromobenzene  
Concen: 20.51 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

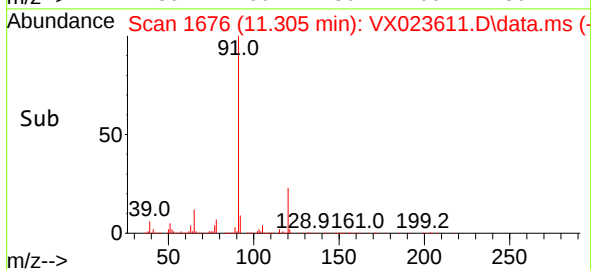
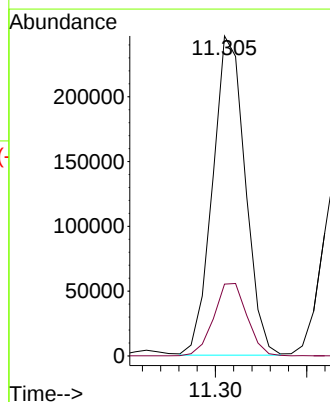
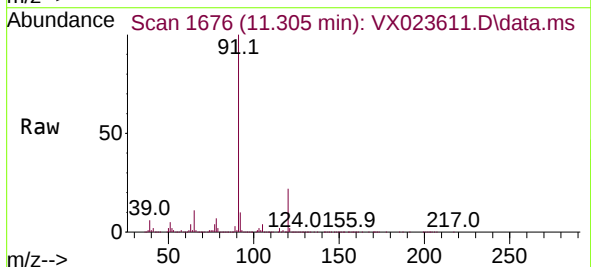
Instrument :  
MSVOA\_X  
ClientSampleId :

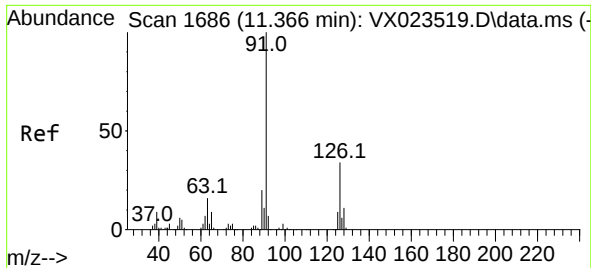
Tgt Ion:156 Resp: 66610  
Ion Ratio Lower Upper  
156 100  
77 157.9 0.0 303.2  
158 96.3 0.0 197.2



#74  
n-propylbenzene  
Concen: 19.75 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 91 Resp: 305154  
Ion Ratio Lower Upper  
91 100  
120 23.1 0.0 46.0

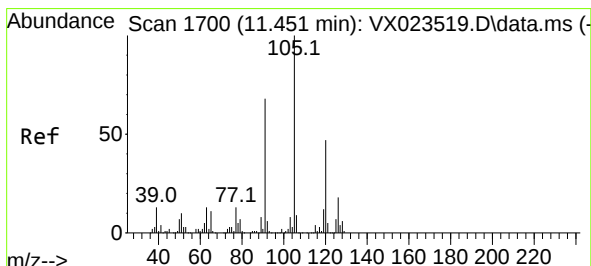
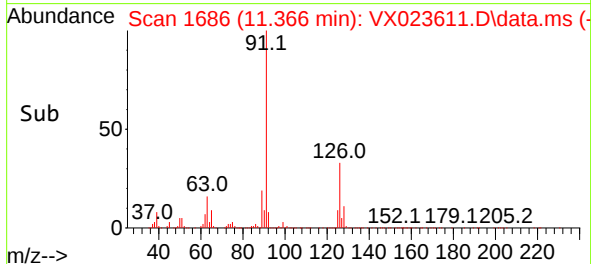
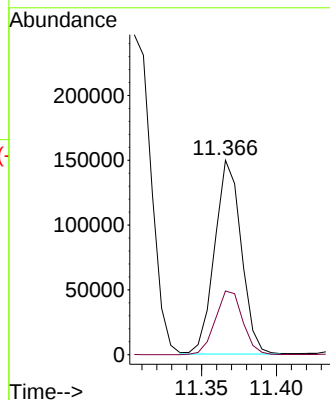
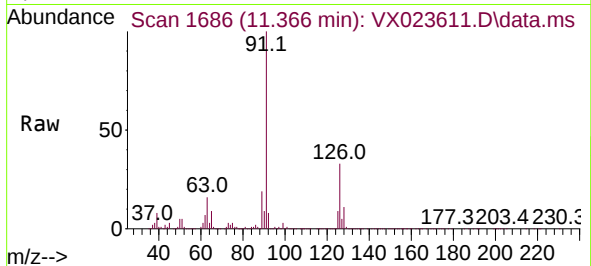




#75  
2-Chlorotoluene  
Concen: 20.11 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

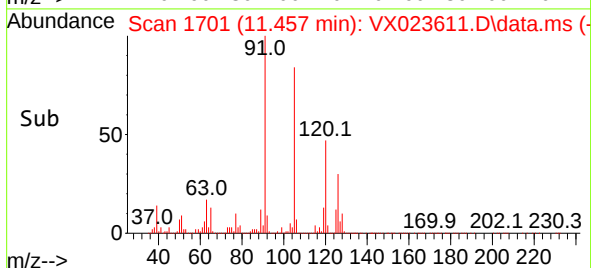
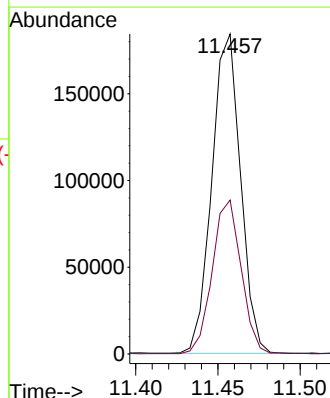
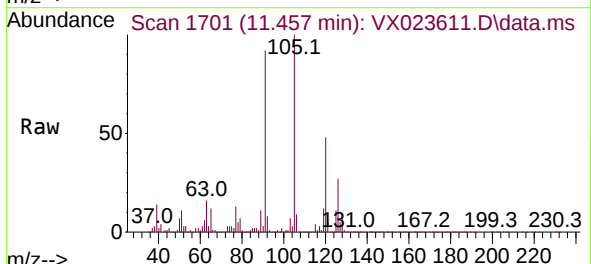
Instrument :  
MSVOA\_X  
ClientSampleId :

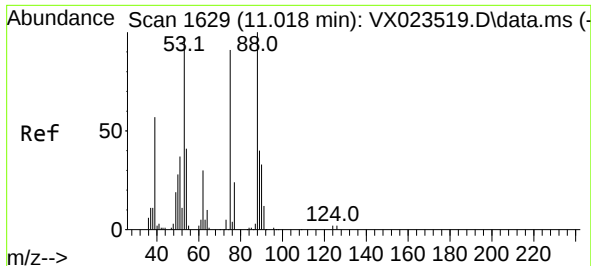
Tgt Ion: 91 Resp: 185402  
Ion Ratio Lower Upper  
91 100  
126 33.7 0.0 69.0



#76  
1,3,5-Trimethylbenzene  
Concen: 20.20 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 105 Resp: 223473  
Ion Ratio Lower Upper  
105 100  
120 48.4 0.0 98.0

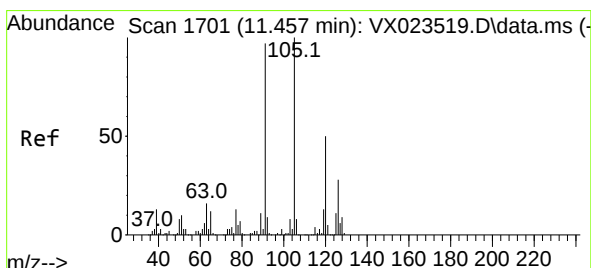
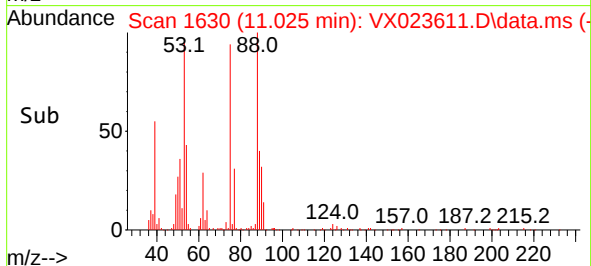
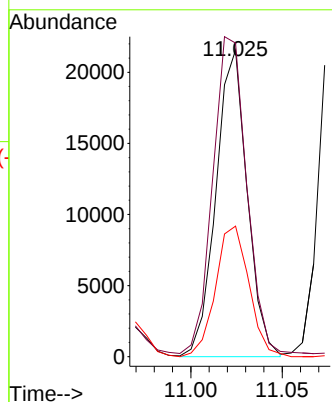
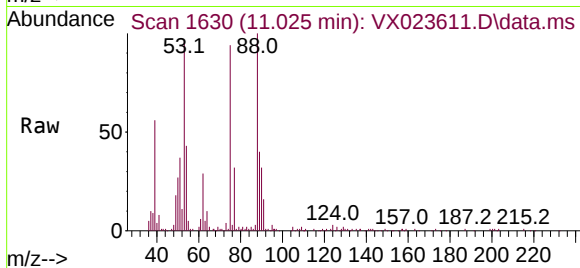




#77  
t-1,4-Dichloro-2-butene  
Concen: 17.98 ug/l  
RT: 11.025 min Scan# 1630  
Delta R.T. 0.006 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

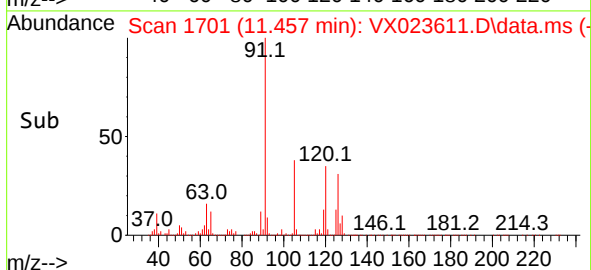
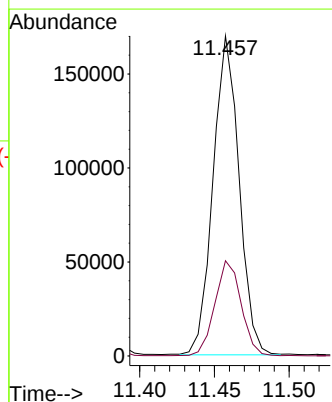
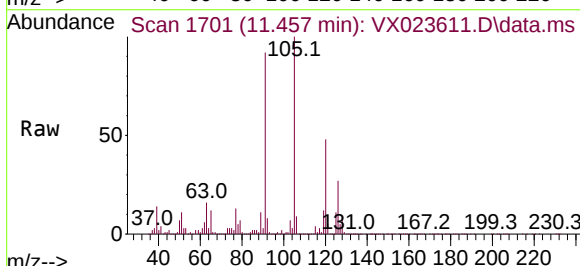
Instrument :  
MSVOA\_X  
ClientSampleId :

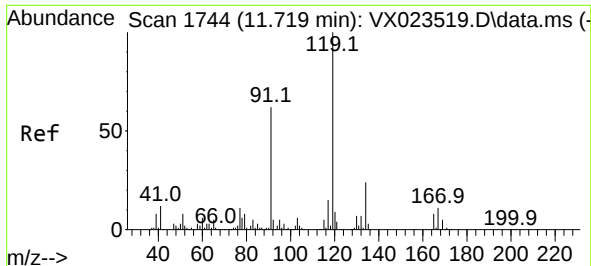
Tgt Ion: 75 Resp: 25750  
Ion Ratio Lower Upper  
75 100  
53 101.5 53.9 161.7  
89 42.7 22.9 68.7



#78  
4-Chlorotoluene  
Concen: 19.71 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion: 91 Resp: 205332  
Ion Ratio Lower Upper  
91 100  
126 30.1 0.0 59.6

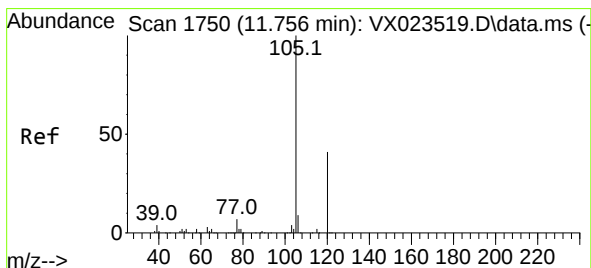
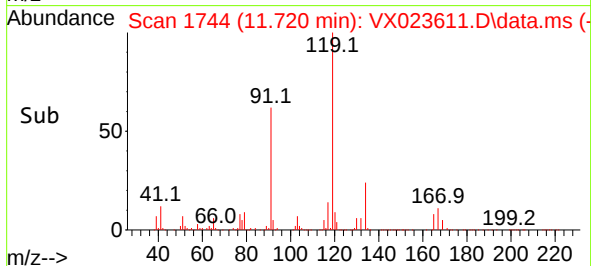
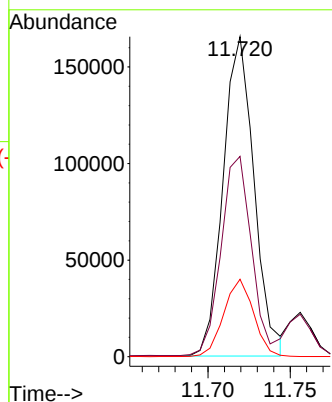
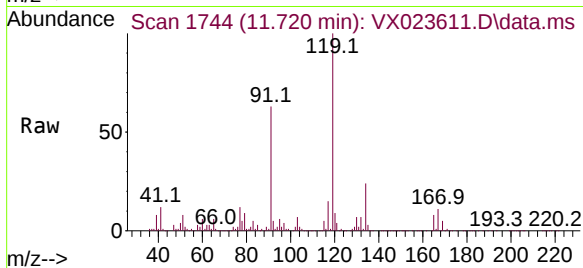




#79  
tert-butylbenzene  
Concen: 20.17 ug/l  
RT: 11.720 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

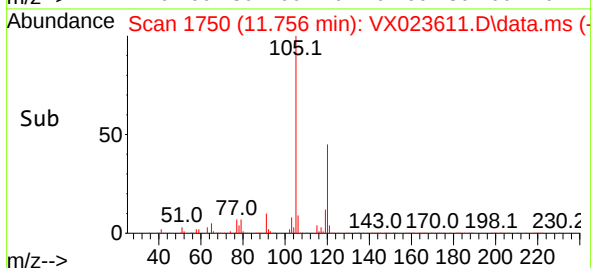
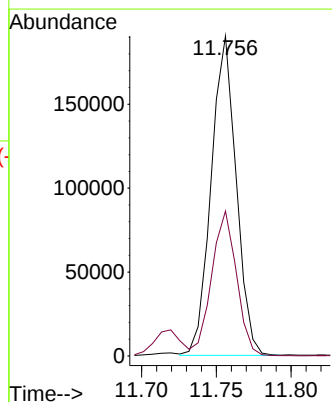
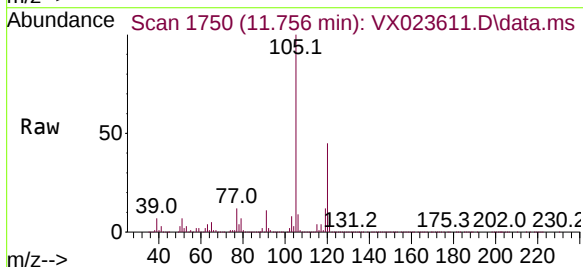
Instrument :  
MSVOA\_X  
ClientSampleId :

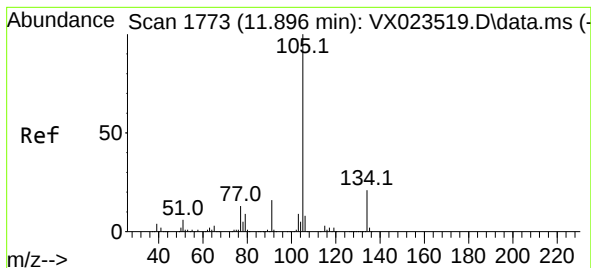
Tgt Ion:119 Resp: 216724  
Ion Ratio Lower Upper  
119 100  
91 60.8 0.0 121.2  
134 23.5 0.0 47.4



#80  
1,2,4-Trimethylbenzene  
Concen: 20.21 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion:105 Resp: 221530  
Ion Ratio Lower Upper  
105 100  
120 45.0 0.0 90.4

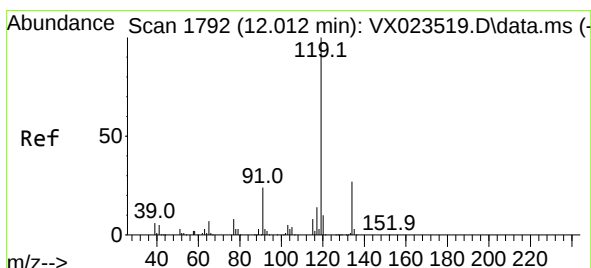
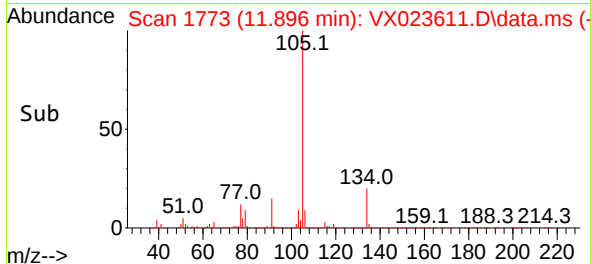
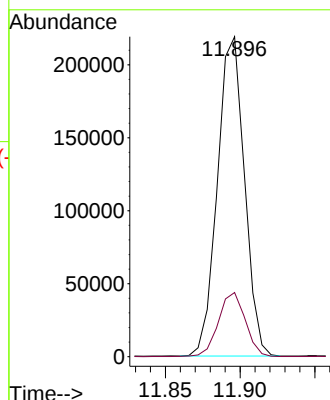
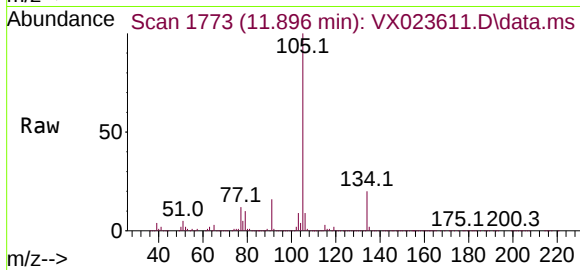




#81  
 sec-Butylbenzene  
 Concen: 20.01 ug/l  
 RT: 11.896 min Scan# 1773  
 Delta R.T. 0.000 min  
 Lab File: VX023611.D  
 Acq: 09 Aug 2021 14:04

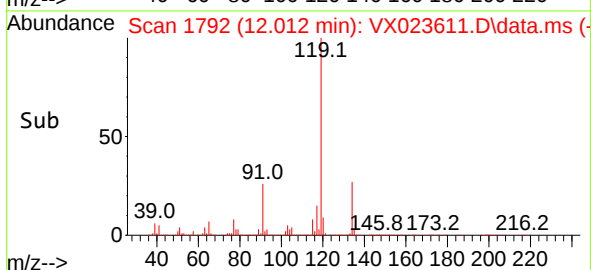
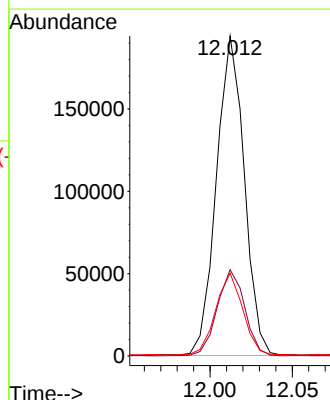
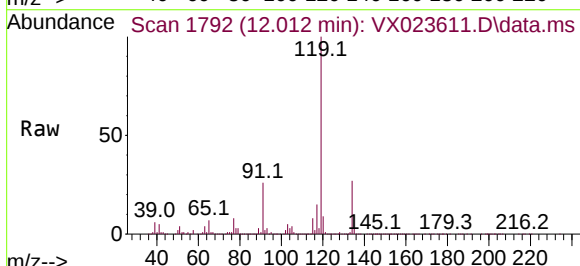
Instrument :  
 MSVOA\_X  
 ClientSampleId :

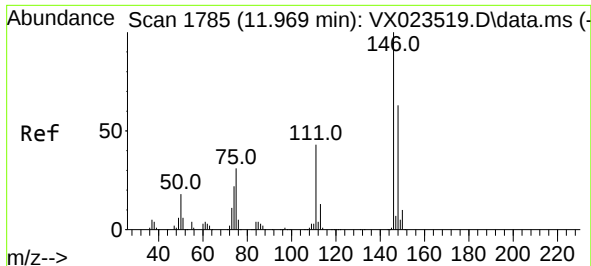
Tgt Ion:105 Resp: 275433  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 0.0 40.2



#82  
 p-Isopropyltoluene  
 Concen: 20.20 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX023611.D  
 Acq: 09 Aug 2021 14:04

Tgt Ion:119 Resp: 228469  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 0.0 52.8  
 91 24.5 0.0 48.6

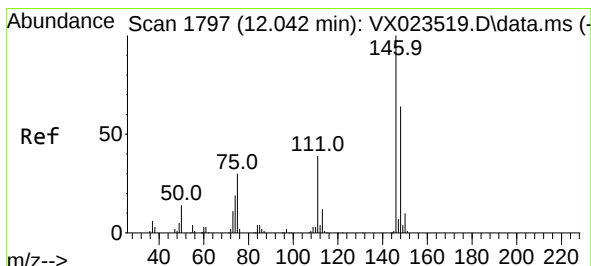
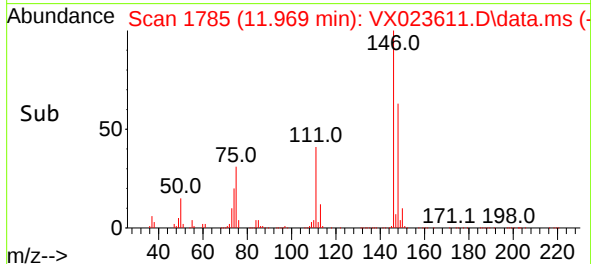
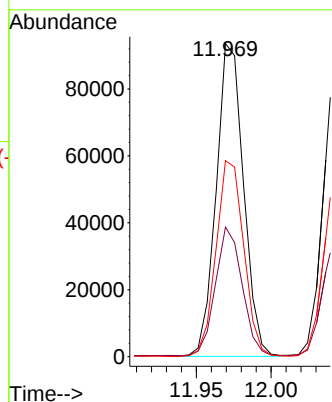
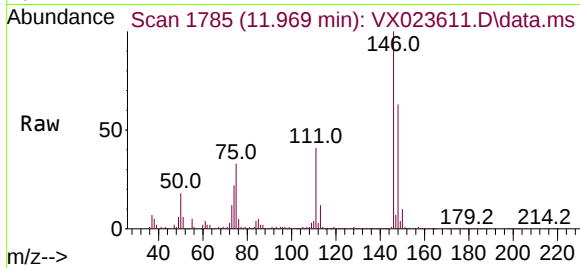




#83  
1,3-Dichlorobenzene  
Concen: 20.20 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

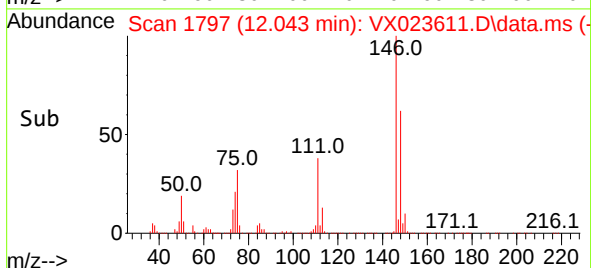
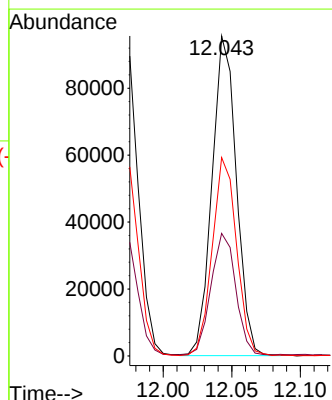
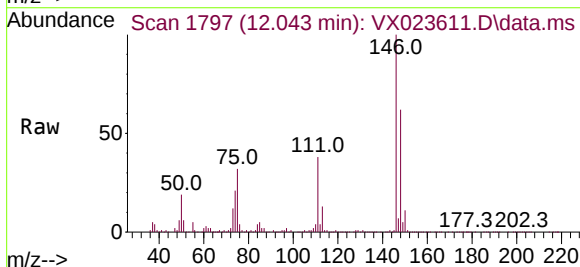
Instrument :  
MSVOA\_X  
ClientSampleId :

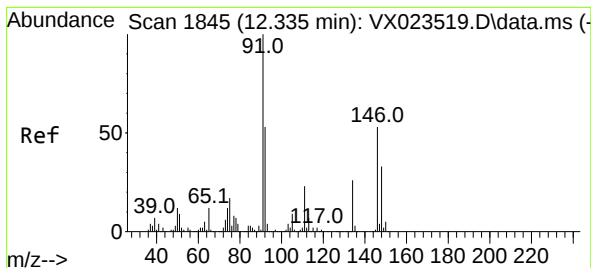
Tgt Ion:146 Resp: 118813  
Ion Ratio Lower Upper  
146 100  
111 40.5 20.1 60.2  
148 63.6 31.9 95.5



#84  
1,4-Dichlorobenzene  
Concen: 20.32 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion:146 Resp: 118128  
Ion Ratio Lower Upper  
146 100  
111 38.8 18.9 56.9  
148 62.1 31.4 94.2

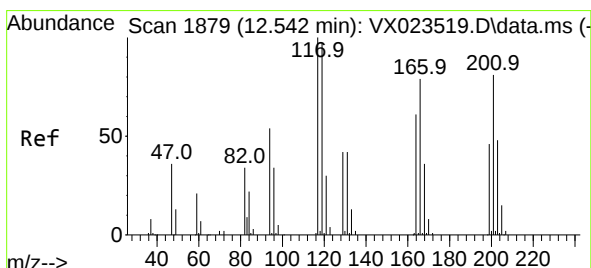
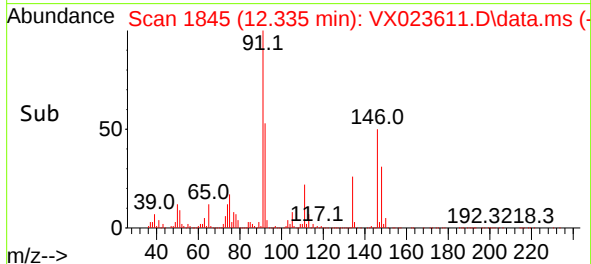
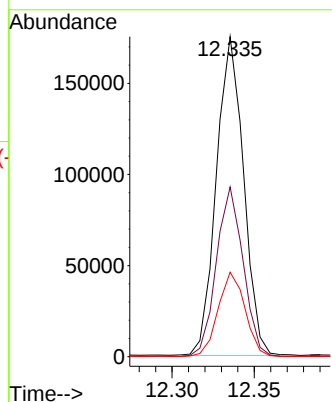
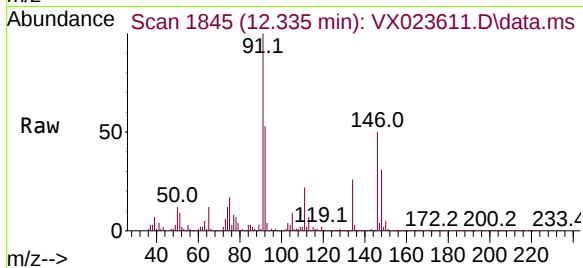




#85  
n-Butylbenzene  
Concen: 20.10 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

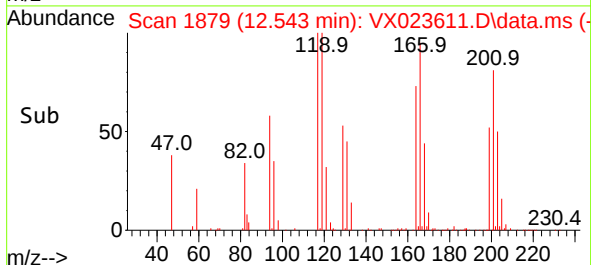
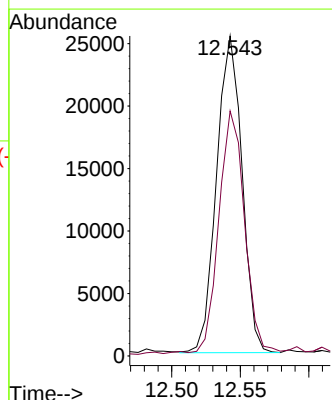
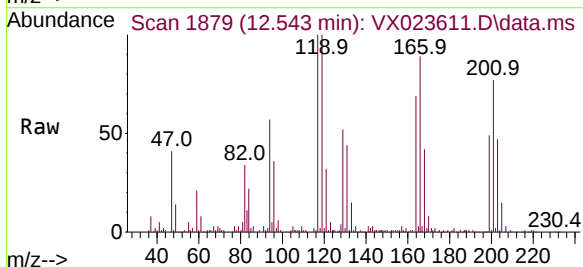
Instrument :  
MSVOA\_X  
ClientSampleId :

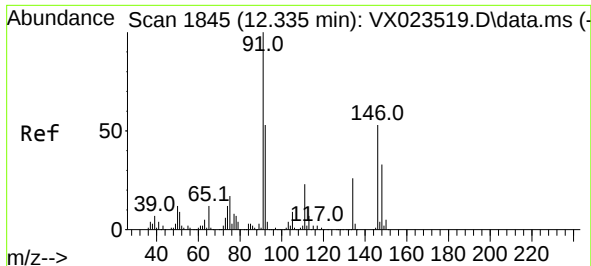
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 201134 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 52.2  | 0.0   | 105.4  |
| 134      | 26.1  | 0.0   | 52.4   |



#86  
Hexachloroethane  
Concen: 17.81 ug/l  
RT: 12.543 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 32732 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 77.7  | 37.5  | 112.5 |





#87

1,2-Dichlorobenzene

Concen: 20.49 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX023611.D

Acq: 09 Aug 2021 14:04

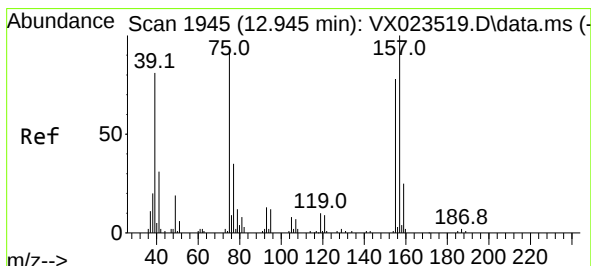
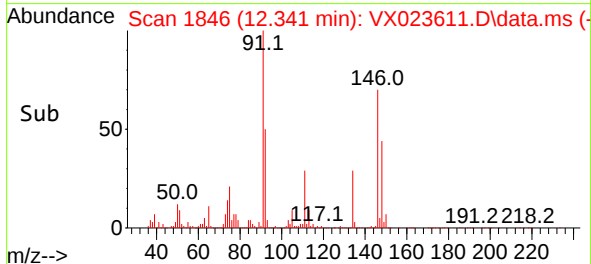
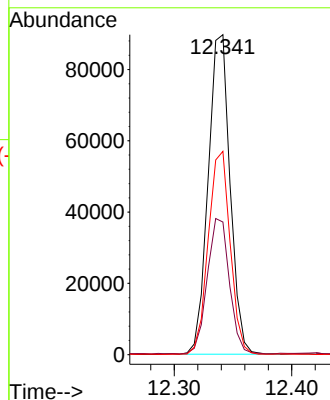
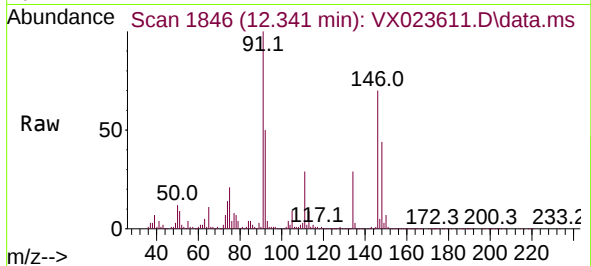
Tgt Ion:146 Resp: 116311

Ion Ratio Lower Upper

146 100

111 42.7 20.7 62.1

148 63.7 32.6 97.8



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.42 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX023611.D

Acq: 09 Aug 2021 14:04

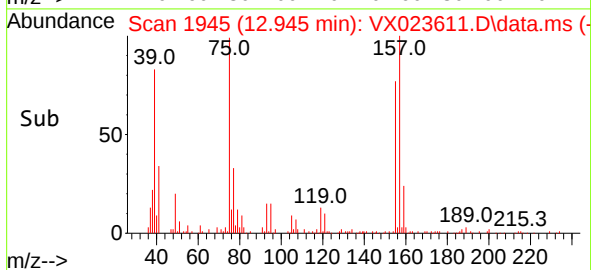
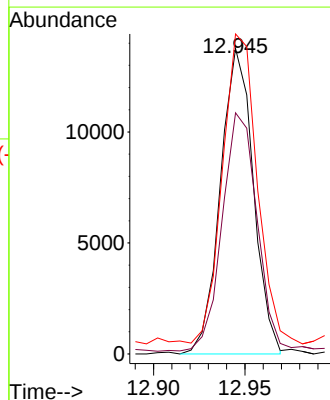
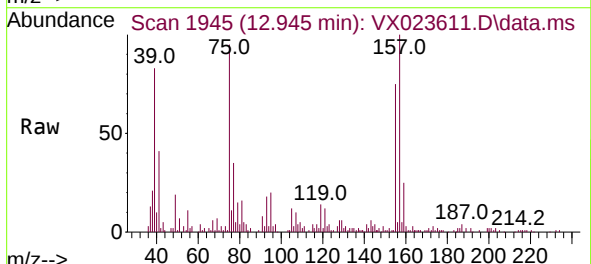
Tgt Ion: 75 Resp: 17264

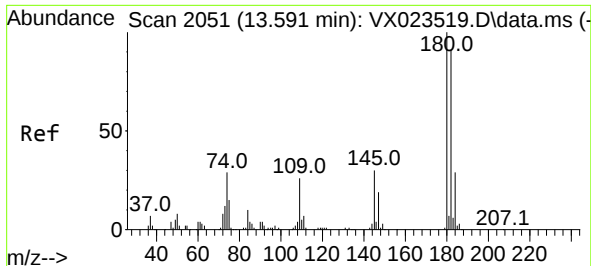
Ion Ratio Lower Upper

75 100

155 82.3 67.4 101.2

157 106.8 85.8 128.8

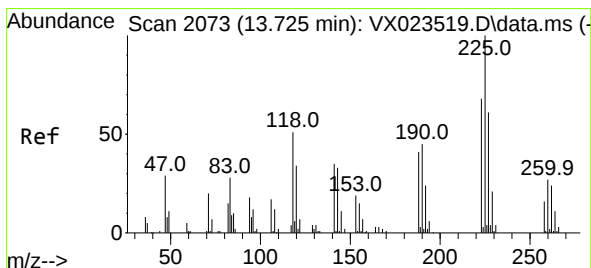
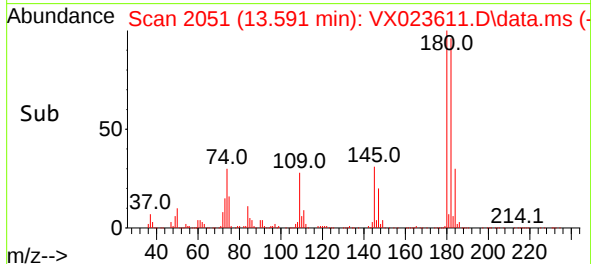
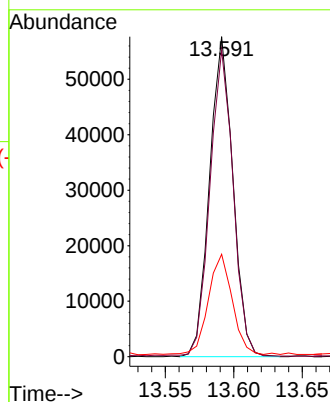
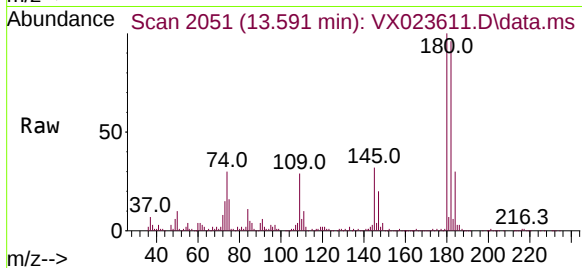




#89  
1,2,4-Trichlorobenzene  
Concen: 19.43 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

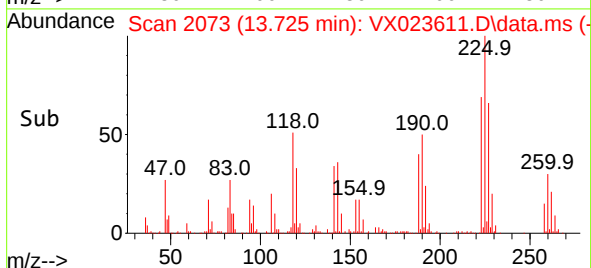
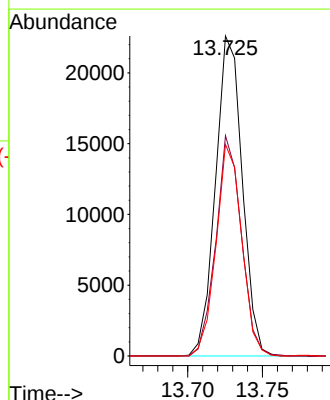
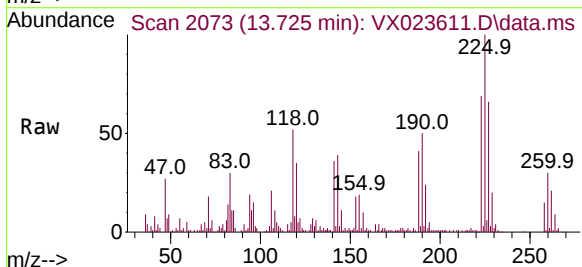
Instrument :  
MSVOA\_X  
ClientSampleId :

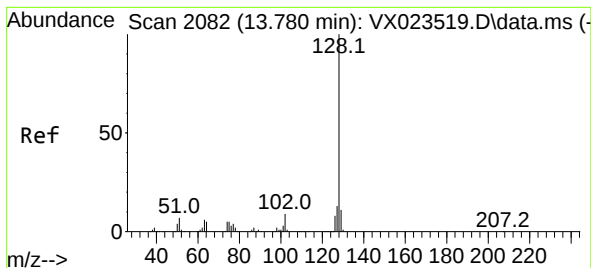
Tgt Ion:180 Resp: 68241  
Ion Ratio Lower Upper  
180 100  
182 94.6 75.9 113.9  
145 32.1 24.2 36.4



#90  
Hexachlorobutadiene  
Concen: 17.86 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion:225 Resp: 28133  
Ion Ratio Lower Upper  
225 100  
223 65.4 0.0 126.4  
227 63.3 0.0 125.0

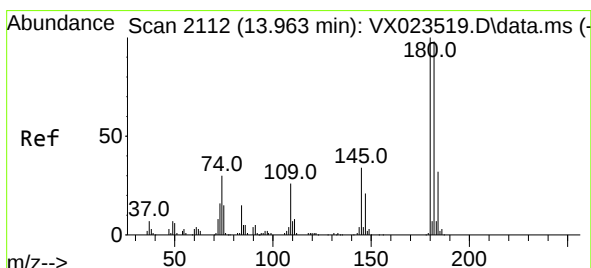
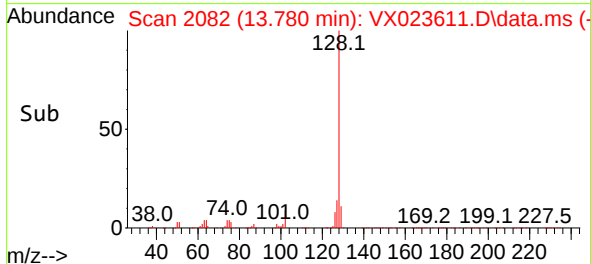
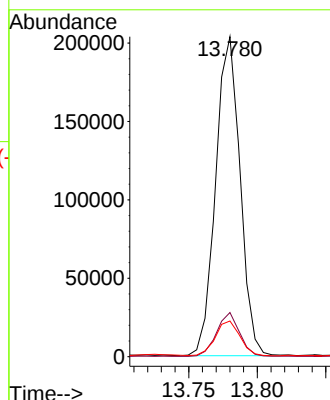
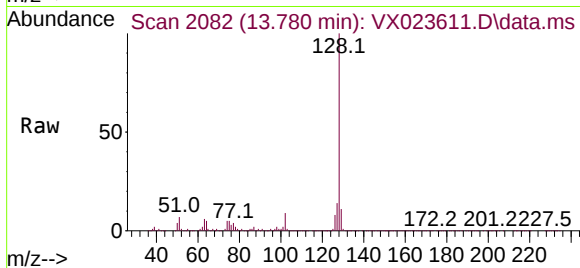




#91  
Naphthalene  
Concen: 20.91 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:128 Resp: 252218  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.1 15.1  
129 11.0 8.6 12.8



#92  
1,2,3-Trichlorobenzene  
Concen: 20.03 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX023611.D  
Acq: 09 Aug 2021 14:04

Tgt Ion:180 Resp: 70670  
Ion Ratio Lower Upper  
180 100  
182 94.7 0.0 193.4  
145 33.9 0.0 64.4

