

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092222\  
 Data File : VX031601.D  
 Acq On : 23 Sep 2022 04:31  
 Operator : JC/MD  
 Sample : N4731-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SB-2

Quant Time: Sep 23 05:43:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 20 09:45:29 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|-----------|--------|-----------|
| -----                         |        |       |          |           |        |           |
| Internal Standards            |        |       |          |           |        |           |
| 1) Pentafluorobenzene         | 5.556  | 168   | 84883    | 50.000    | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 144868   | 50.000    | ug/l   | 0.00      |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 160362   | 50.000    | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 106205   | 50.000    | ug/l   | 0.00      |
| System Monitoring Compounds   |        |       |          |           |        |           |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 85936    | 55.214    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | =      | 110.420%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 71724    | 47.869    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 95.740%   |
| 50) Toluene-d8                | 8.653  | 98    | 287858   | 49.874    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | =      | 99.740%   |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 157425   | 80.523    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 161.040%# |
| Target Compounds              |        |       |          |           |        |           |
|                               |        |       |          |           | Qvalue |           |
| 3) Chloromethane              | 1.294  | 50    | 594      | 0.367     | ug/l # | 71        |
| 5) Bromomethane               | 1.624  | 94    | 904      | 0.344     | ug/l # | 78        |
| 6) Chloroethane               | 1.660  | 64    | 120      | Below Cal | #      | 43        |
| 11) Tert butyl alcohol        | 2.953  | 59    | 1663     | Below Cal | #      | 73        |
| 13) Acrolein                  | 2.239  | 56    | 281      | Below Cal | #      | 1         |
| 16) Acetone                   | 2.392  | 43    | 35335    | 46.262    | ug/l   | 99        |
| 17) Carbon Disulfide          | 2.507  | 76    | 3701     | 1.040     | ug/l # | 94        |
| 18) Methyl Acetate            | 2.709  | 43    | 1828     | 0.786     | ug/l   | 93        |
| 20) Methylene Chloride        | 2.788  | 84    | 10090    | 5.158     | ug/l   | 95        |
| 25) 2-Butanone                | 4.574  | 43    | 5058     | 4.209     | ug/l   | 95        |
| 29) Tetrahydrofuran           | 5.025  | 42    | 496      | 0.633     | ug/l # | 43        |
| 31) Cyclohexane               | 5.470  | 56    | 1865     | 0.808     | ug/l   | 99        |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 6509     | 2.827     | ug/l # | 49        |
| 37) Ethyl Acetate             | 4.727  | 43    | 11767    | 4.283     | ug/l   | 97        |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 8510     | 3.334     | ug/l # | 15        |
| 39) Methylcyclohexane         | 7.379  | 83    | 1553     | 0.548     | ug/l # | 85        |
| 40) Benzene                   | 6.050  | 78    | 5091866  | 741.198   | ug/l   | 97        |
| 42) 1,2-Dichloroethane        | 6.050  | 62    | 46477    | 18.355    | ug/l # | 75        |
| 43) Isopropyl Acetate         | 6.348  | 43    | 53462    | 12.662    | ug/l   | 98        |
| 48) Methyl methacrylate       | 7.799  | 41    | 48954    | 25.379    | ug/l # | 47        |
| 49) 1,4-Dioxane               | 7.793  | 88    | 23       | 0.522     | ug/l # | 1         |
| 51) 4-Methyl-2-Pentanone      | 8.549  | 43    | 40174    | 14.793    | ug/l # | 54        |
| 52) Toluene                   | 8.726  | 92    | 2808713  | 626.887   | ug/l   | 94        |
| 53) t-1,3-Dichloropropene     | 8.726  | 75    | 32520    | 12.574    | ug/l # | 1         |
| 54) cis-1,3-Dichloropropene   | 8.555  | 75    | 17921    | 6.336     | ug/l # | 59        |
| 55) 1,1,2-Trichloroethane     | 9.012  | 97    | 16676    | 9.033     | ug/l # | 17        |
| 56) Ethyl methacrylate        | 9.012  | 69    | 1269     | 0.483     | ug/l # | 18        |
| 57) 1,3-Dichloropropane       | 9.482  | 76    | 2880     | 0.951     | ug/l # | 43        |
| 58) 2-Chloroethyl Vinyl ether | 8.415  | 63    | 230      | 0.383     | ug/l # | 46        |
| 59) 2-Hexanone                | 9.482  | 43    | 33251    | 16.303    | ug/l # | 57        |
| 67) Ethyl Benzene             | 10.195 | 91    | 253698   | 29.056    | ug/l   | 98        |
| 68) m/p-Xylenes               | 10.305 | 106   | 1177790  | 335.660   | ug/l   | 92        |
| 69) o-Xylene                  | 10.646 | 106   | 962155   | 287.280   | ug/l   | 90        |
| 70) Styrene                   | 10.658 | 104   | 266433   | 48.317    | ug/l # | 55        |
| 73) Isopropylbenzene          | 10.963 | 105   | 13470    | 1.698     | ug/l   | 100       |
| 74) N-amyl acetate            | 10.774 | 43    | 1744     | 0.543     | ug/l # | 54        |

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 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Quant Time: Sep 23 05:43:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 20 09:45:29 2022  
 Response via : Initial Calibration

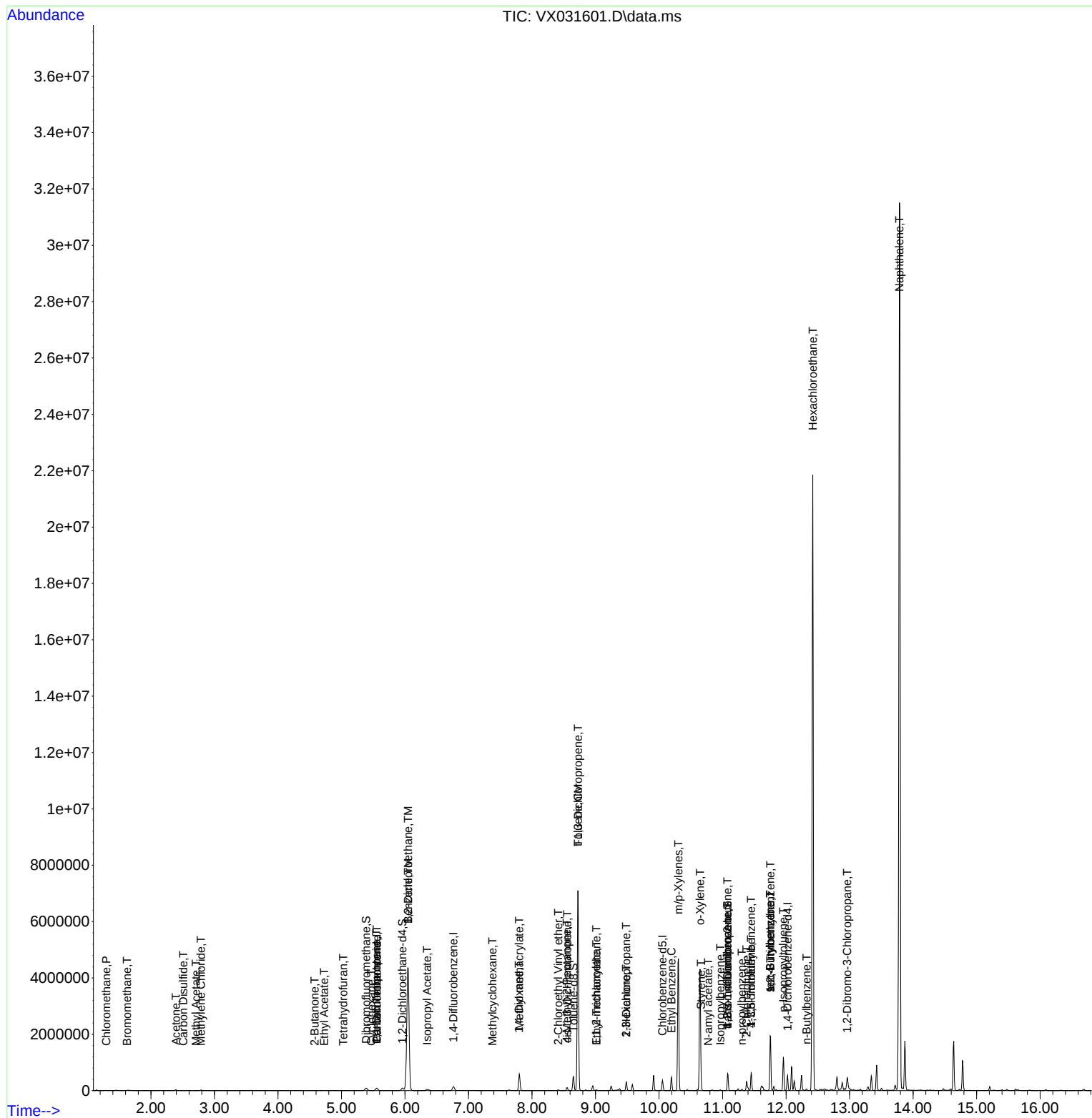
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |  |
|-------------------------------|--------|------|----------|-----------|--------|----------|--|
| 75) 1,1,2,2-Tetrachloroethane | 11.268 | 83   | 211      | Below Cal | #      | 25       |  |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75   | 80410    | 33.923    | ug/l # | 35       |  |
| 78) n-propylbenzene           | 11.305 | 91   | 28652    | 3.140     | ug/l   | 99       |  |
| 79) 2-Chlorotoluene           | 11.378 | 91   | 25149    | 4.631     | ug/l # | 42       |  |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 275183   | 40.885    | ug/l   | 99       |  |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 80410    | 109.227   | ug/l # | 11       |  |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 30312    | 4.756     | ug/l # | 44       |  |
| 83) tert-Butylbenzene         | 11.750 | 119  | 91115    | 13.967    | ug/l # | 57       |  |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 822383   | 124.066   | ug/l   | 97       |  |
| 85) sec-Butylbenzene          | 11.756 | 105  | 822383   | 99.614    | ug/l # | 56       |  |
| 86) p-Isopropyltoluene        | 11.957 | 119  | 52165    | 7.483     | ug/l # | 70       |  |
| 89) n-Butylbenzene            | 12.323 | 91   | 6358     | 1.071     | ug/l # | 1        |  |
| 90) Hexachloroethane          | 12.420 | 117  | 1113381  | 929.460   | ug/l # | 15       |  |
| 92) 1,2-Dibromo-3-Chloropr... | 12.963 | 75   | 7455     | 13.680    | ug/l # | 3        |  |
| 95) Naphthalene               | 13.786 | 128  | 16083174 | 2112.416  | ug/l # | 68       |  |

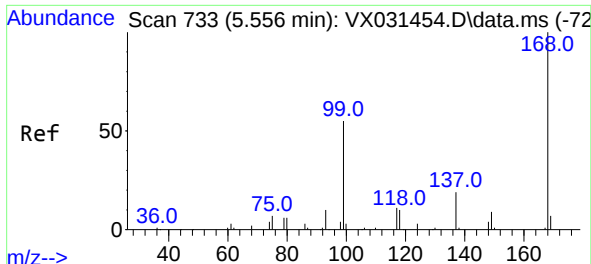
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 20 09:45:29 2022  
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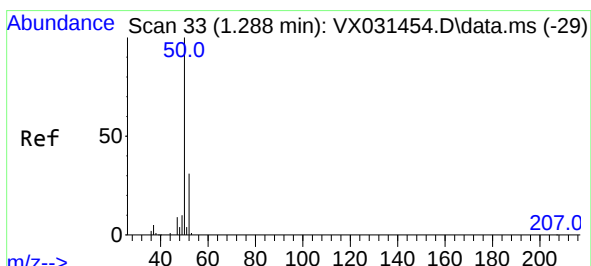
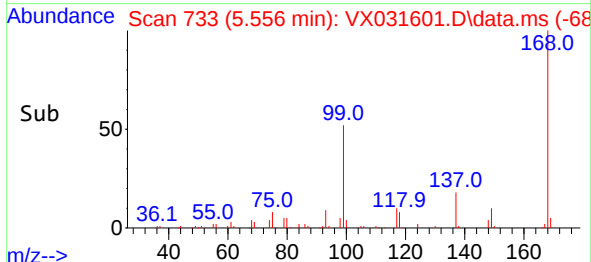
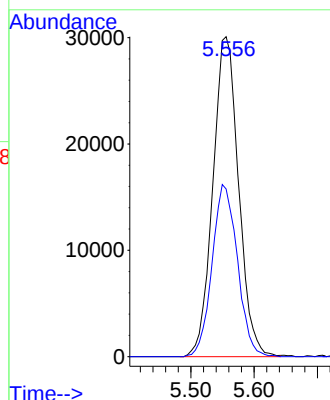
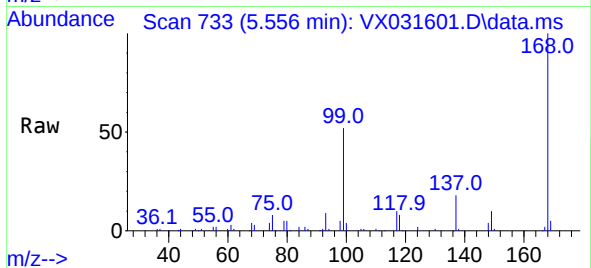




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

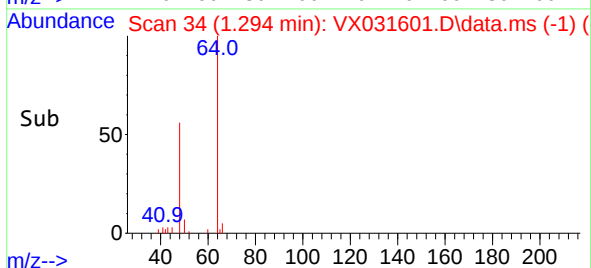
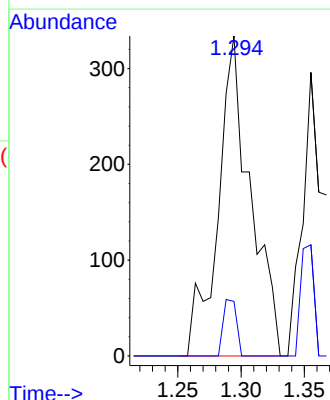
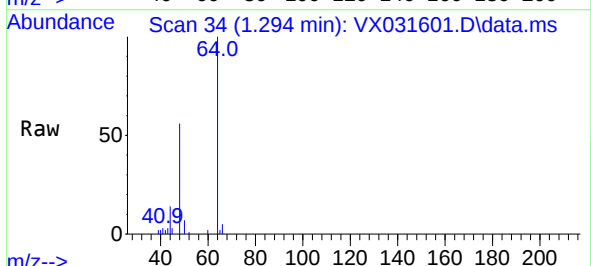
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

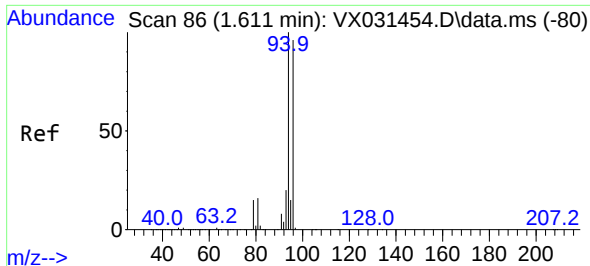
Tgt Ion:168 Resp: 84883  
Ion Ratio Lower Upper  
168 100  
99 52.4 48.8 73.2



#3  
Chloromethane  
Concen: 0.367 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.006 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion: 50 Resp: 594  
Ion Ratio Lower Upper  
50 100  
52 17.1 26.9 40.3#

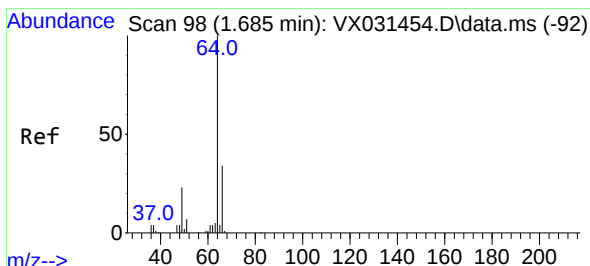
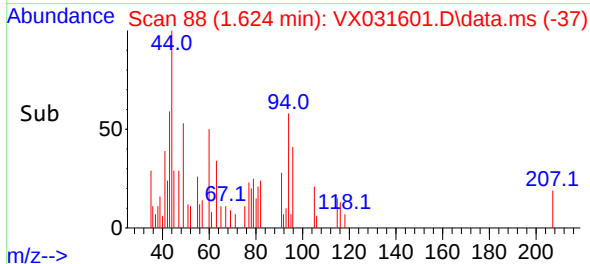
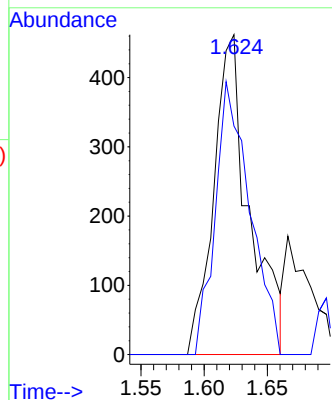
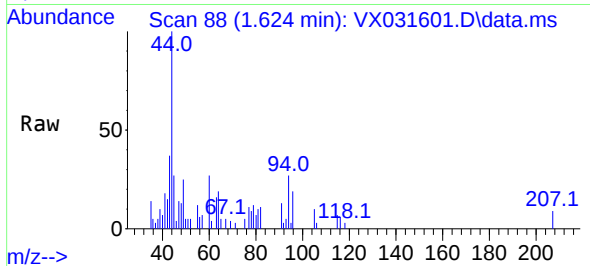




#5  
Bromomethane  
Concen: 0.344 ug/l  
RT: 1.624 min Scan# 81  
Delta R.T. 0.013 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

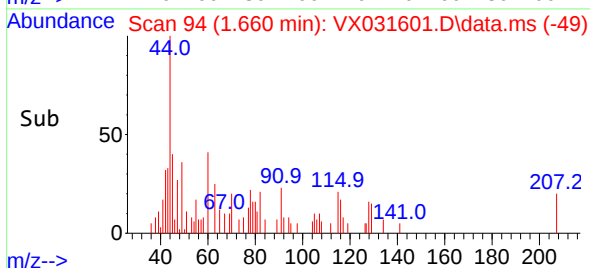
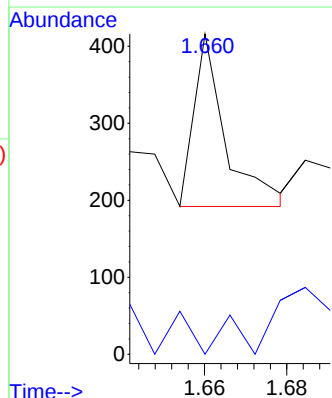
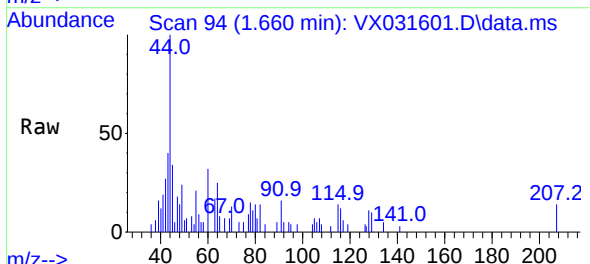
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

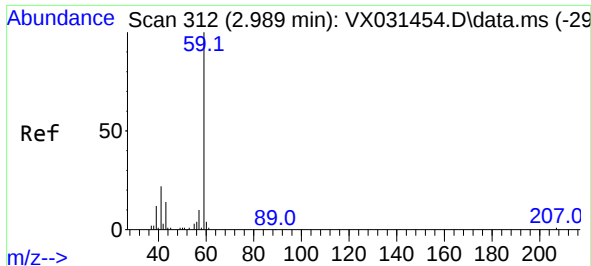
Tgt Ion: 94 Resp: 904  
Ion Ratio Lower Upper  
94 100  
96 71.4 74.4 111.6#



#6  
Chloroethane  
Concen: Below Cal  
RT: 1.660 min Scan# 94  
Delta R.T. -0.025 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion: 64 Resp: 120  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 306

Delta R.T. -0.036 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

Instrument :

MSVOA\_X

ClientSampleId :

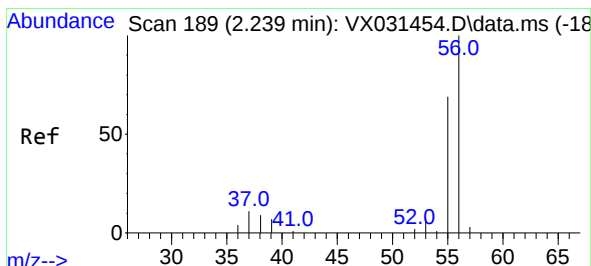
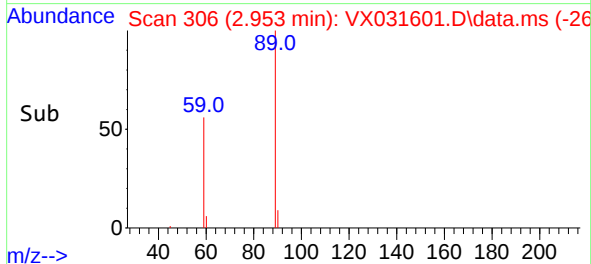
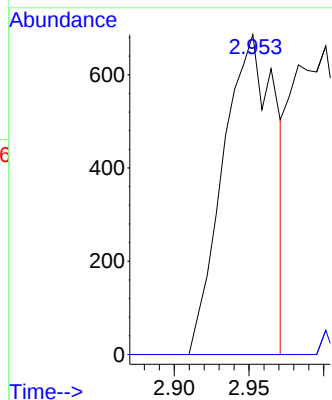
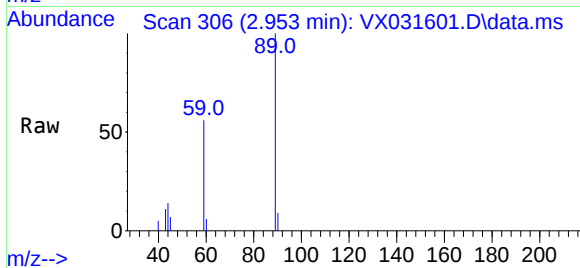
SB-2

Tgt Ion: 59 Resp: 1663

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: Below Cal

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX031601.D

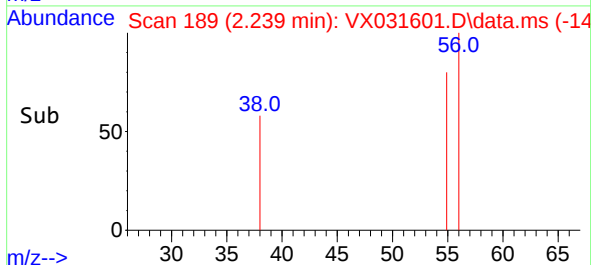
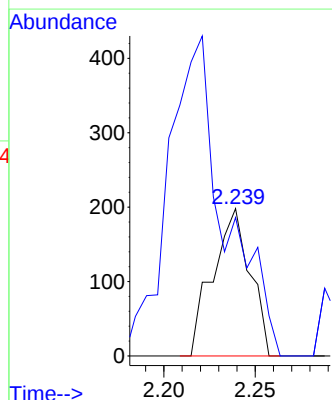
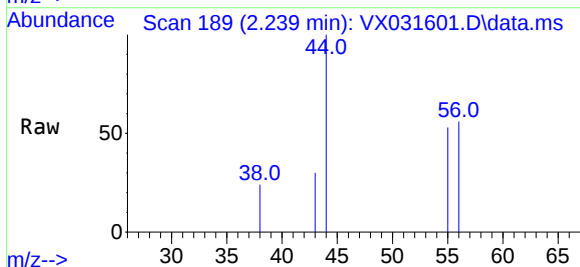
Acq: 23 Sep 2022 04:31

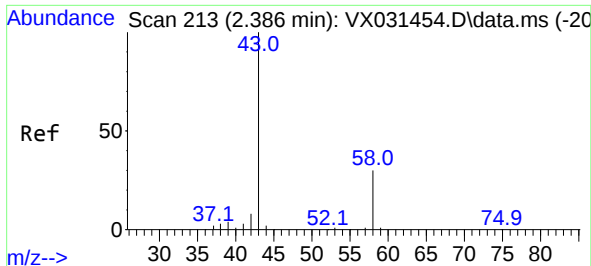
Tgt Ion: 56 Resp: 281

Ion Ratio Lower Upper

56 100

55 329.2 56.0 84.0#

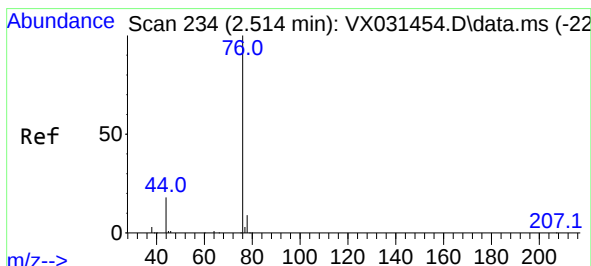
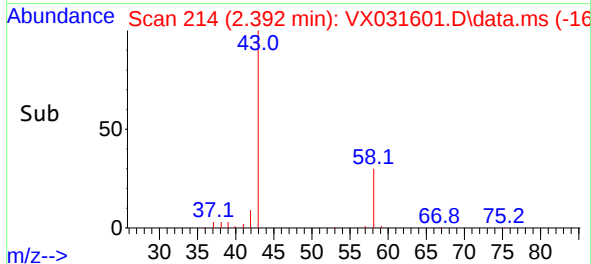
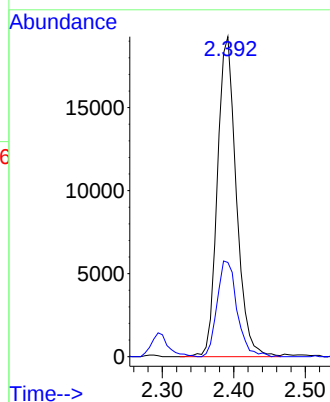
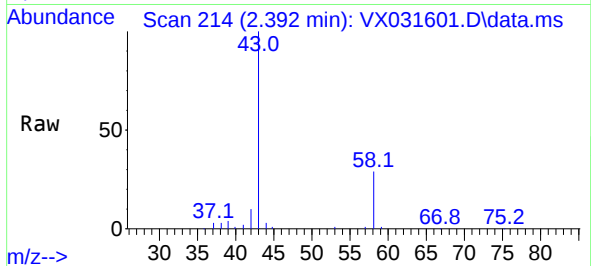




#16  
Acetone  
Concen: 46.262 ug/l  
RT: 2.392 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

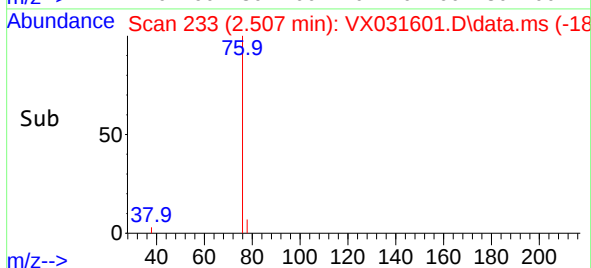
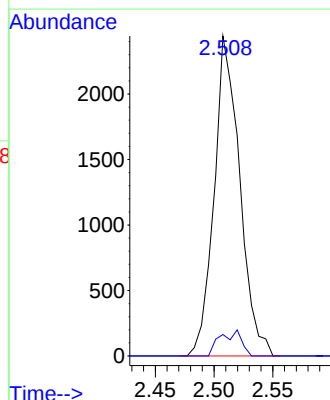
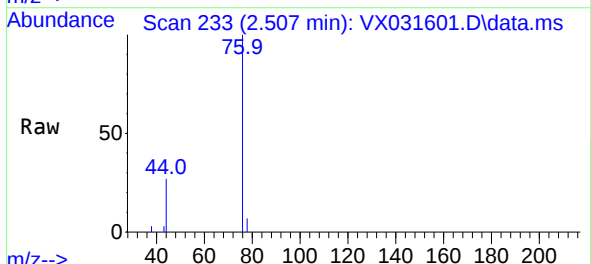
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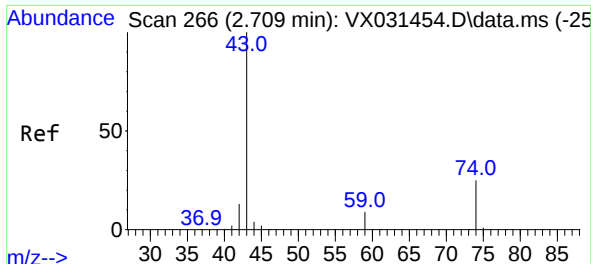
Tgt Ion: 43 Resp: 35335  
Ion Ratio Lower Upper  
43 100  
58 29.5 23.8 35.8



#17  
Carbon Disulfide  
Concen: 1.040 ug/l  
RT: 2.507 min Scan# 233  
Delta R.T. -0.006 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion: 76 Resp: 3701  
Ion Ratio Lower Upper  
76 100  
78 6.7 7.2 10.8#

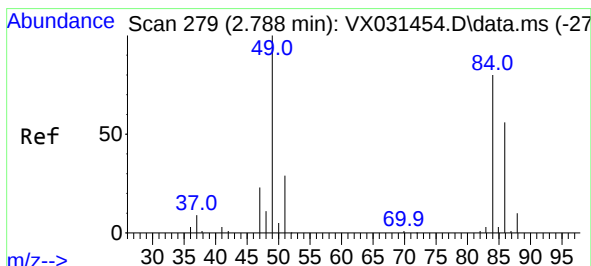
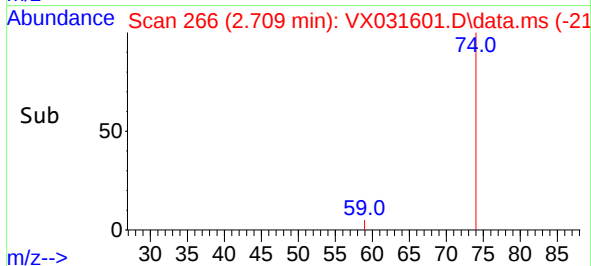
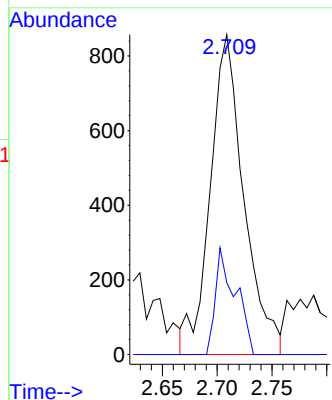
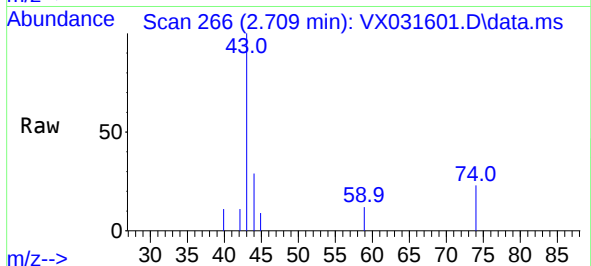




#18  
Methyl Acetate  
Concen: 0.786 ug/l  
RT: 2.709 min Scan# 218  
Delta R.T. -0.000 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

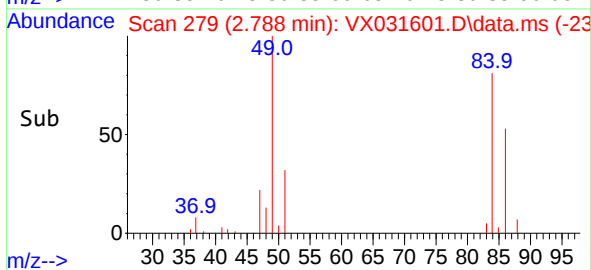
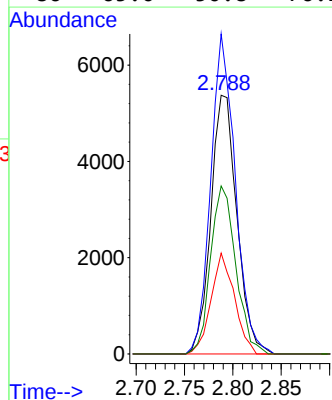
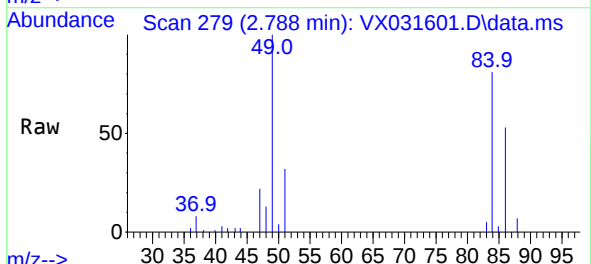
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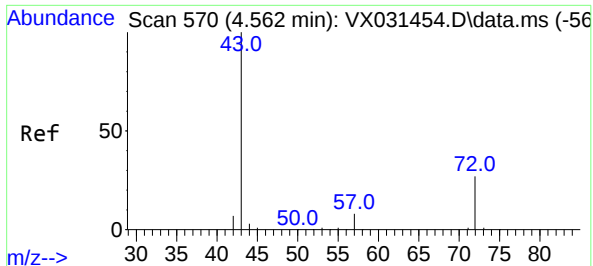
Tgt Ion: 43 Resp: 1828  
Ion Ratio Lower Upper  
43 100  
74 20.0 18.6 27.8



#20  
Methylene Chloride  
Concen: 5.158 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion: 84 Resp: 10090  
Ion Ratio Lower Upper  
84 100  
49 123.7 105.9 158.9  
51 39.0 32.2 48.2  
86 65.0 50.8 76.2





#25

2-Butanone

Concen: 4.209 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

Instrument :

MSVOA\_X

ClientSampleId :

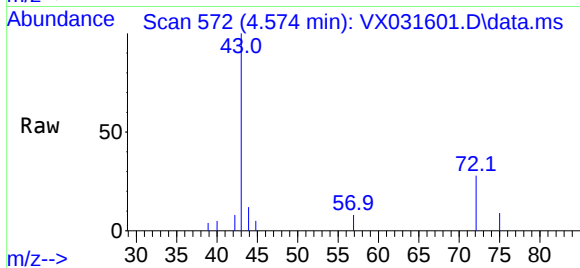
SB-2

Tgt Ion: 43 Resp: 5058

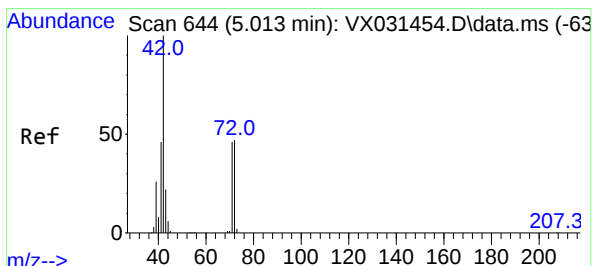
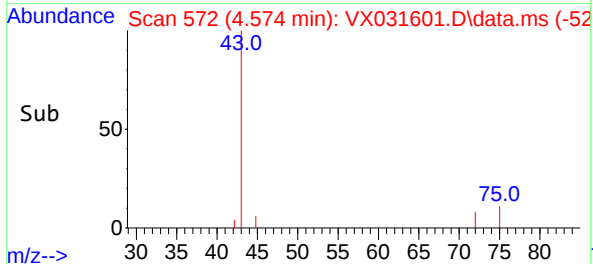
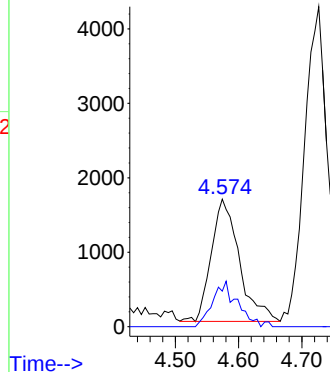
Ion Ratio Lower Upper

43 100

72 29.1 21.1 31.7



Abundance



#29

Tetrahydrofuran

Concen: 0.633 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.012 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

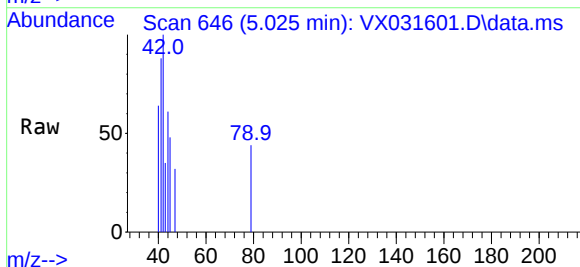
Tgt Ion: 42 Resp: 496

Ion Ratio Lower Upper

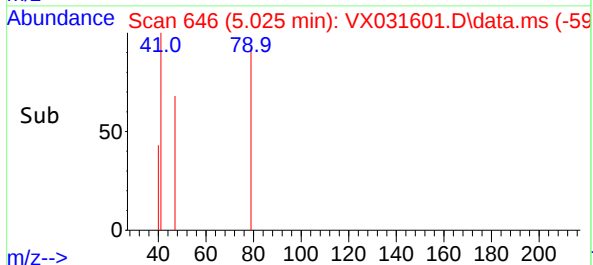
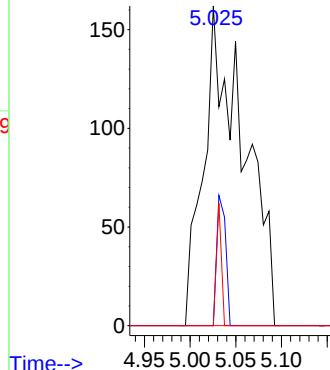
42 100

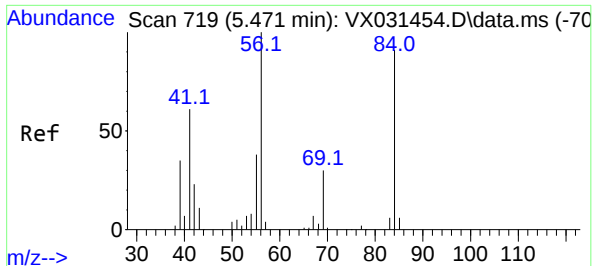
72 8.9 36.4 54.6#

71 4.6 33.5 50.3#



Abundance

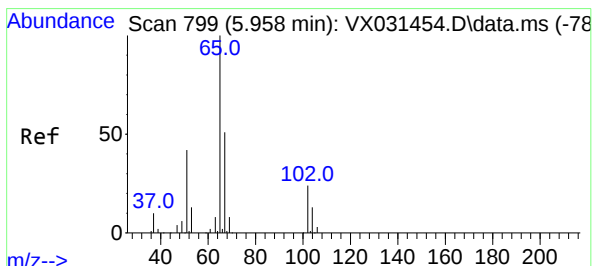
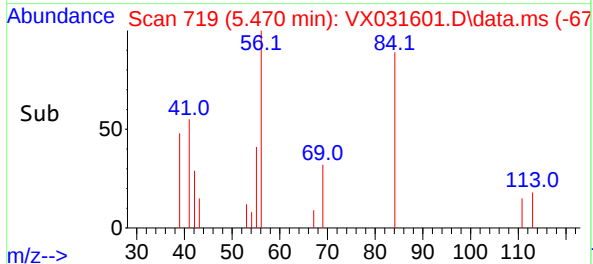
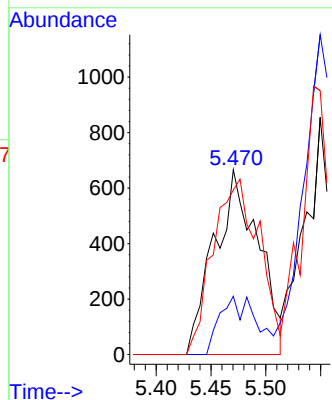
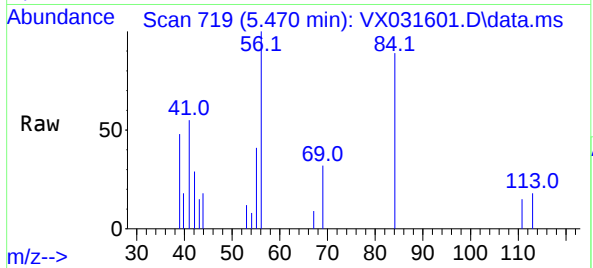




#31  
Cyclohexane  
Concen: 0.808 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.001 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

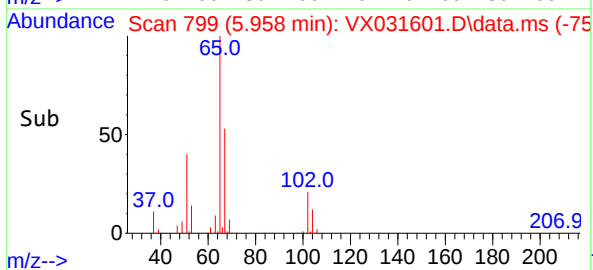
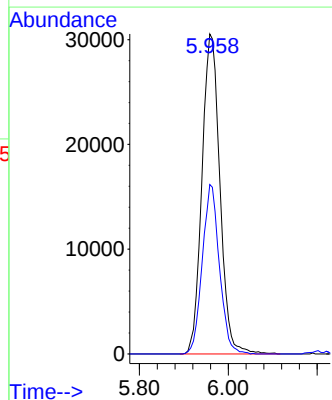
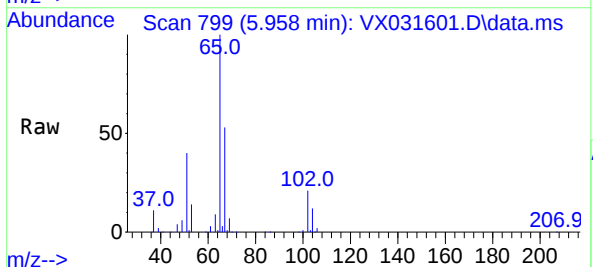
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

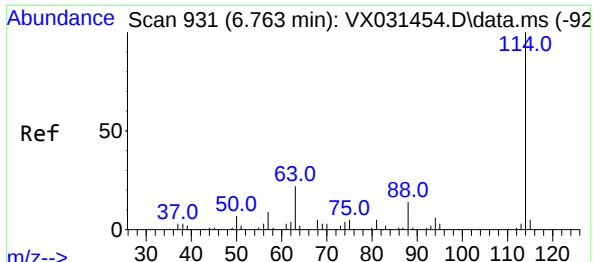
Tgt Ion: 56 Resp: 1865  
Ion Ratio Lower Upper  
56 100  
69 31.5 25.1 37.7  
84 89.0 70.2 105.4



#33  
1,2-Dichloroethane-d4  
Concen: 55.214 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion: 65 Resp: 85936  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 102.4

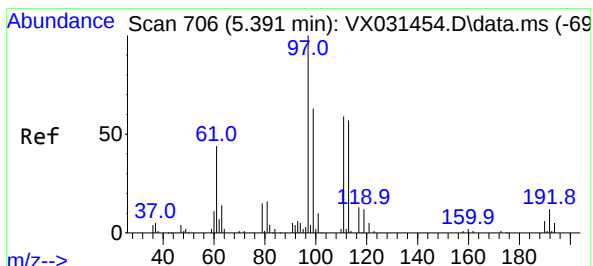
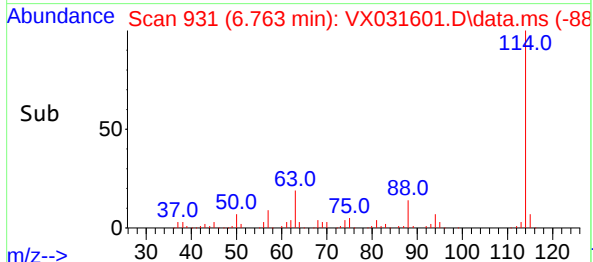
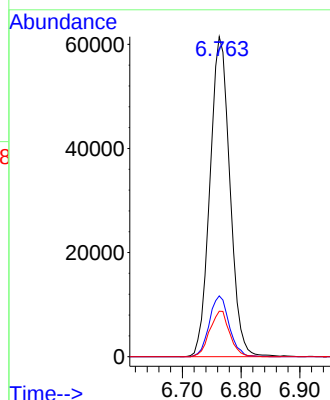
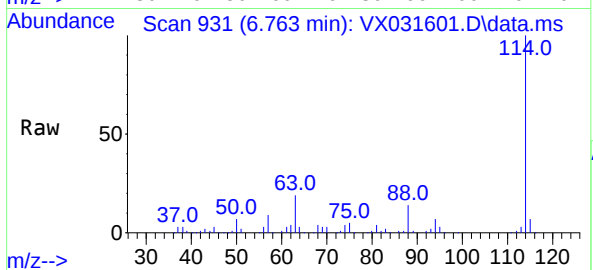




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

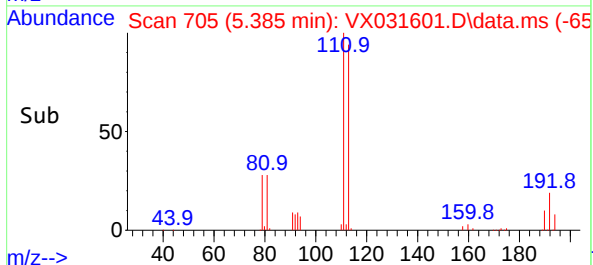
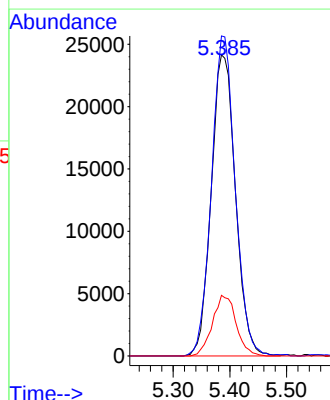
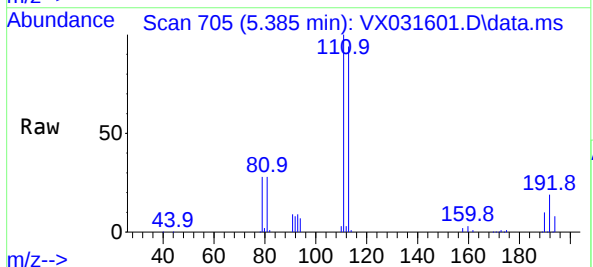
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

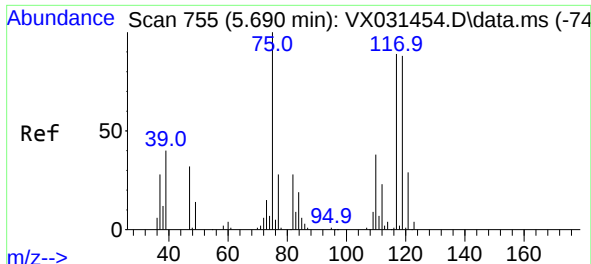
Tgt Ion:114 Resp: 144868  
Ion Ratio Lower Upper  
114 100  
63 19.0 0.0 42.6  
88 14.2 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 47.869 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion:113 Resp: 71724  
Ion Ratio Lower Upper  
113 100  
111 103.7 82.4 123.6  
192 19.6 14.1 21.1





#36

1,1-Dichloropropene

Concen: 2.827 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

Instrument :

MSVOA\_X

ClientSampleId :

SB-2

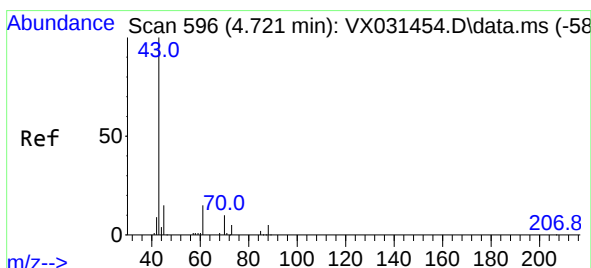
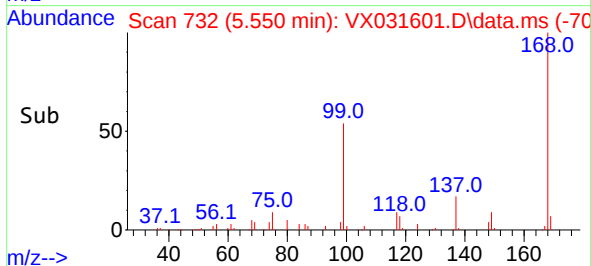
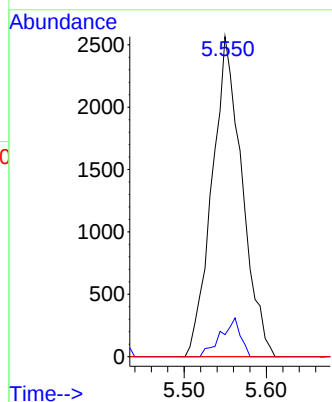
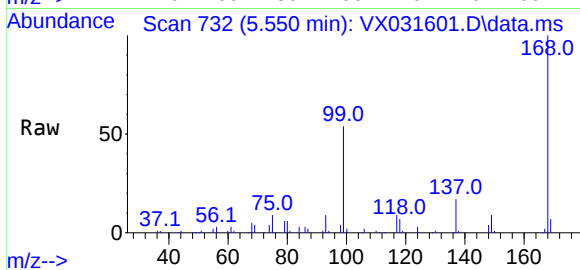
Tgt Ion: 75 Resp: 6509

Ion Ratio Lower Upper

75 100

110 7.9 17.5 52.5#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 4.283 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.006 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

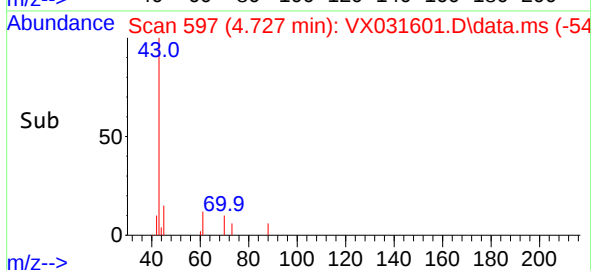
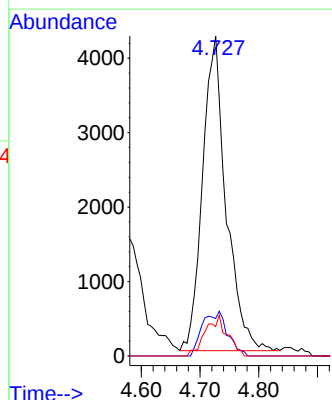
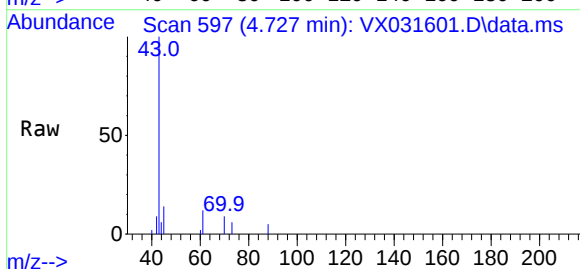
Tgt Ion: 43 Resp: 11767

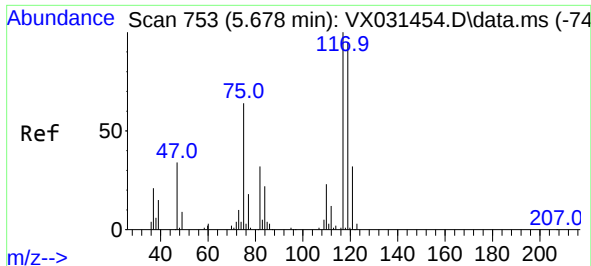
Ion Ratio Lower Upper

43 100

61 15.2 11.1 16.7

70 12.0 8.6 13.0

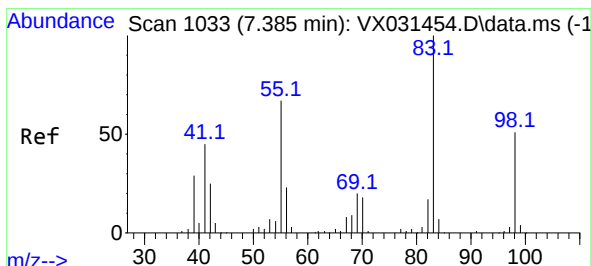
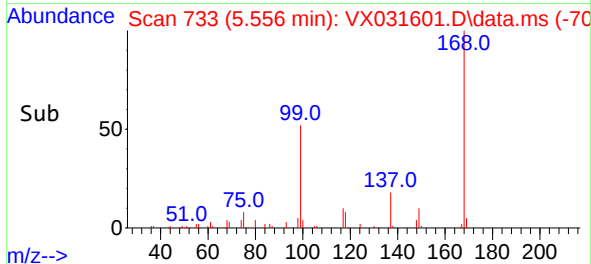
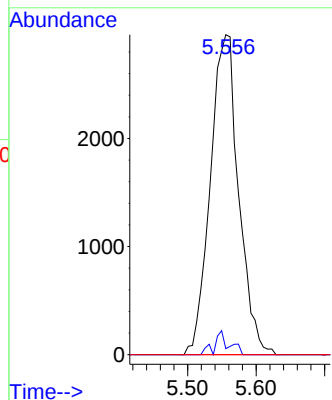
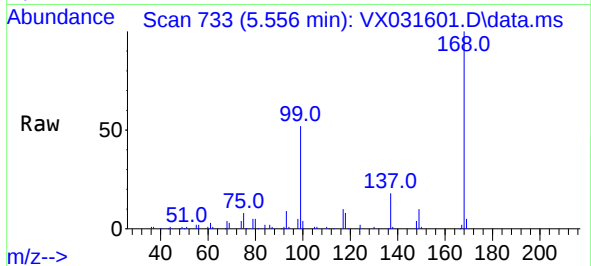




#38  
Carbon Tetrachloride  
Concen: 3.334 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

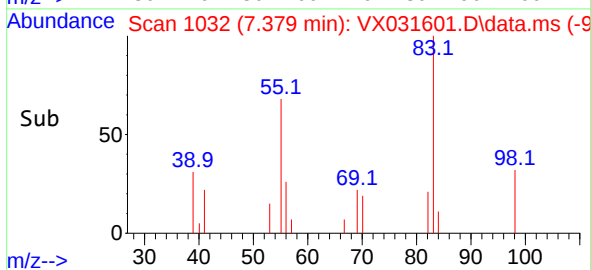
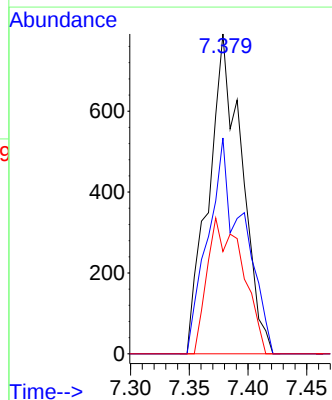
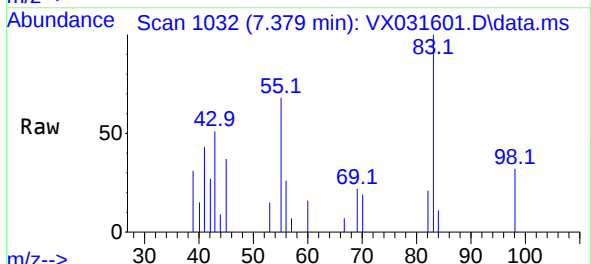
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

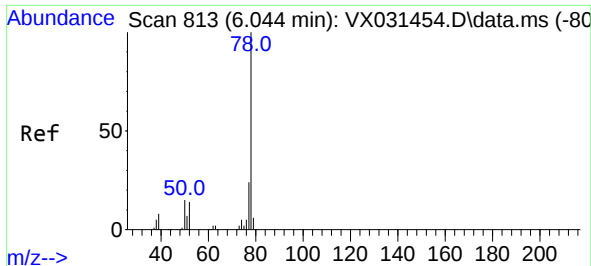
Tgt Ion:117 Resp: 8510  
Ion Ratio Lower Upper  
117 100  
119 1.9 74.6 112.0#  
121 0.0 25.3 37.9#



#39  
Methylcyclohexane  
Concen: 0.548 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion: 83 Resp: 1553  
Ion Ratio Lower Upper  
83 100  
55 67.5 61.0 91.4  
98 32.0 37.7 56.5#

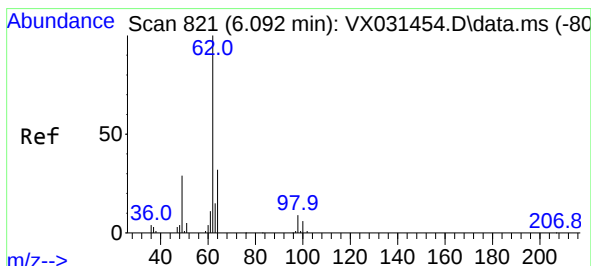
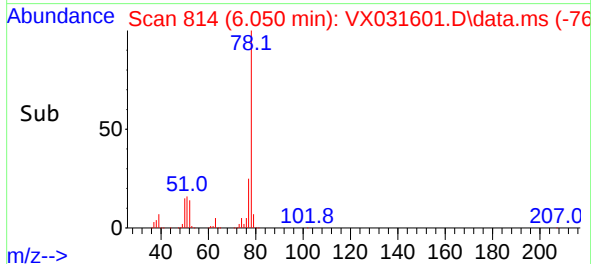
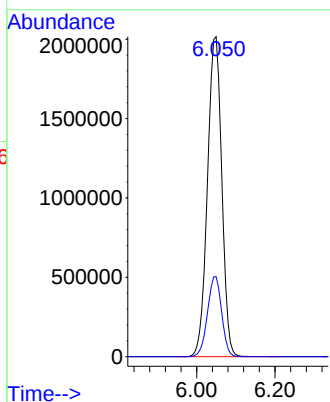
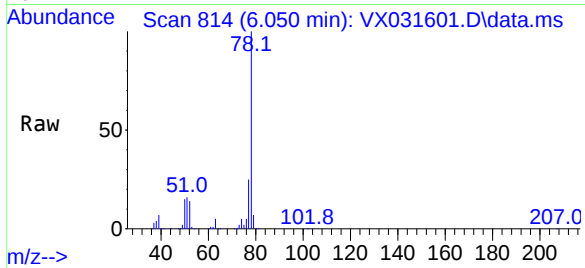




#40  
Benzene  
Concen: 741.198 ug/l  
RT: 6.050 min Scan# 814  
Delta R.T. 0.006 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

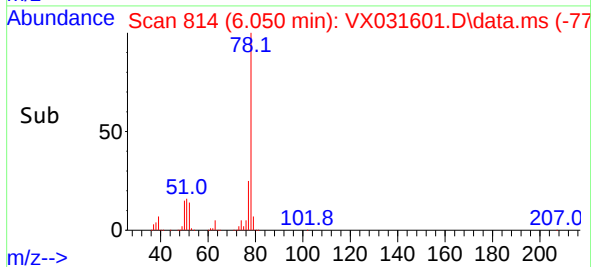
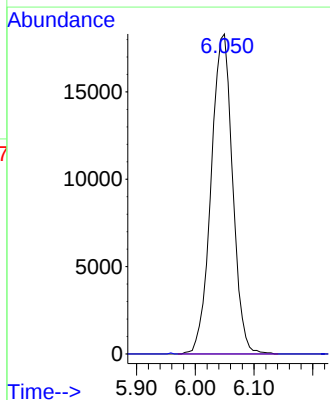
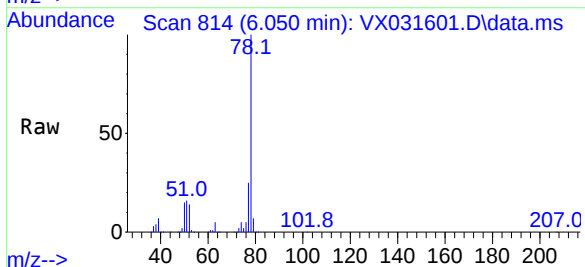
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

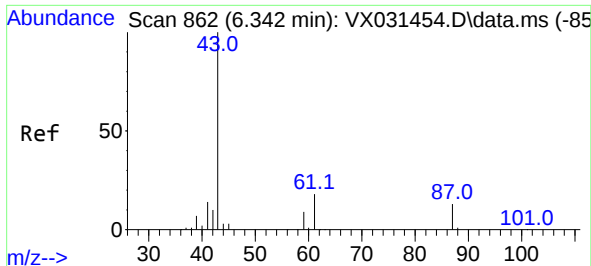
Tgt Ion: 78 Resp: 5091866  
Ion Ratio Lower Upper  
78 100  
77 25.0 18.7 28.1



#42  
1,2-Dichloroethane  
Concen: 18.355 ug/l  
RT: 6.050 min Scan# 814  
Delta R.T. -0.042 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion: 62 Resp: 46477  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 17.8

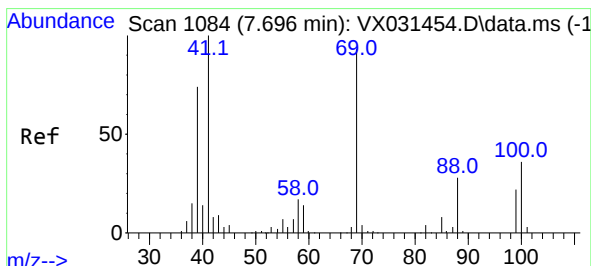
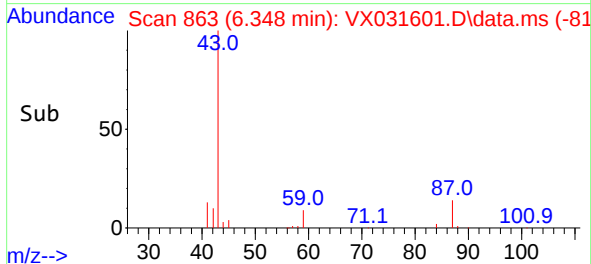
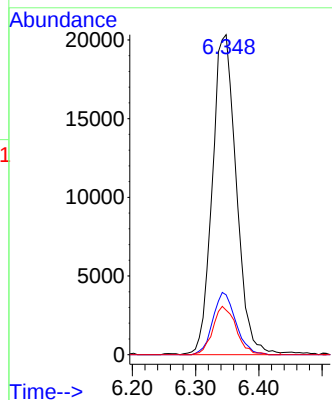
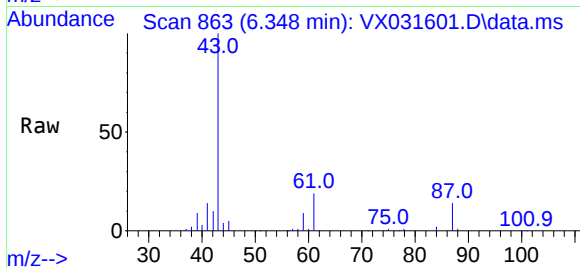




#43  
Isopropyl Acetate  
Concen: 12.662 ug/l  
RT: 6.348 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

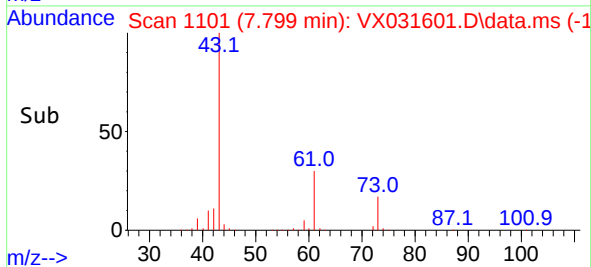
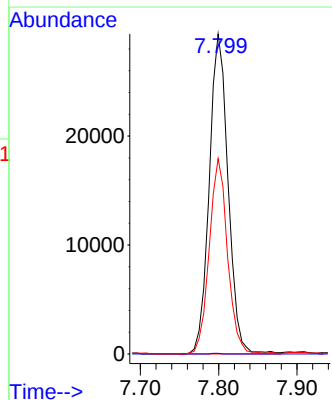
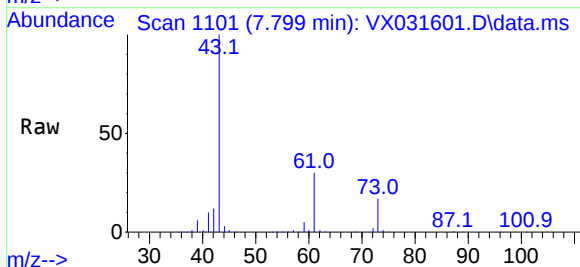
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

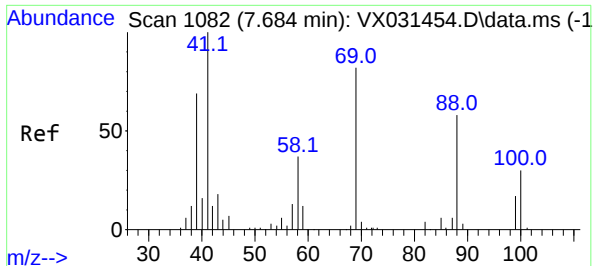
Tgt Ion: 43 Resp: 53462  
Ion Ratio Lower Upper  
43 100  
61 18.6 15.3 22.9  
87 14.6 10.6 15.8



#48  
Methyl methacrylate  
Concen: 25.379 ug/l  
RT: 7.799 min Scan# 1101  
Delta R.T. 0.103 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion: 41 Resp: 48954  
Ion Ratio Lower Upper  
41 100  
69 0.1 64.6 96.8#  
39 59.3 51.4 77.0

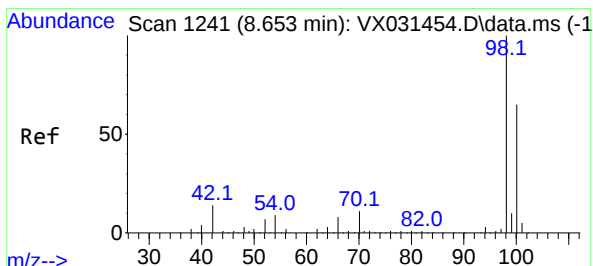
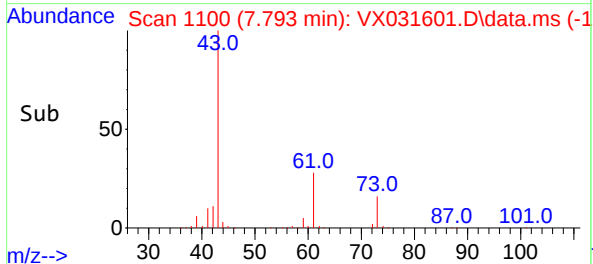
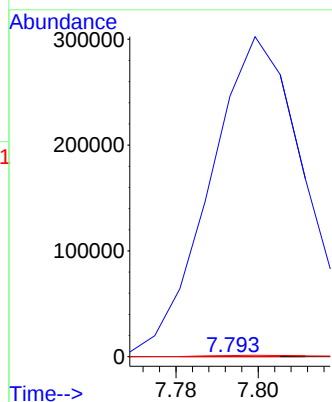
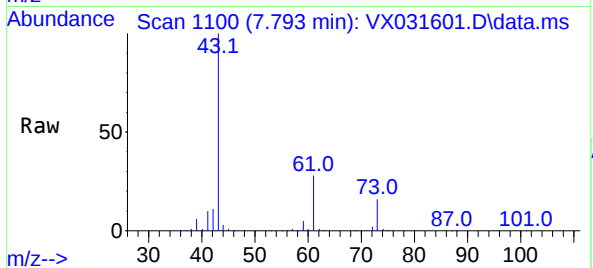




#49  
1,4-Dioxane  
Concen: 0.522 ug/l  
RT: 7.793 min Scan# 1100  
Delta R.T. 0.109 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

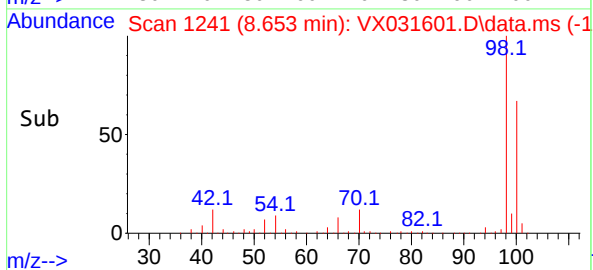
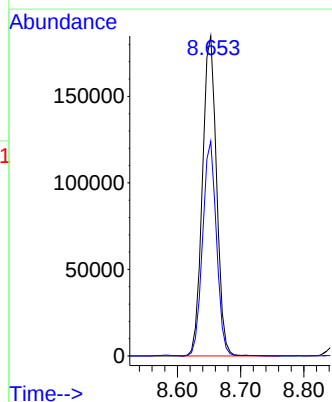
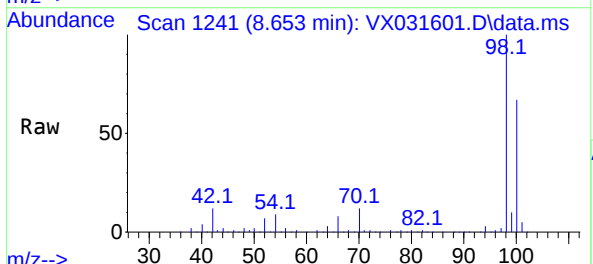
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

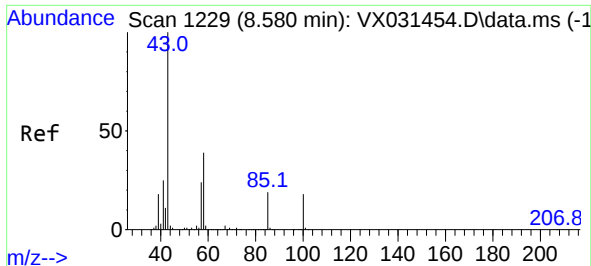
Tgt Ion: 88 Resp: 23  
Ion Ratio Lower Upper  
88 100  
43 2163426.1 27.1 40.7#  
58 9769.6 53.9 80.9#



#50  
Toluene-d8  
Concen: 49.874 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion: 98 Resp: 287858  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 14.793 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.031 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

Instrument :

MSVOA\_X

ClientSampleId :

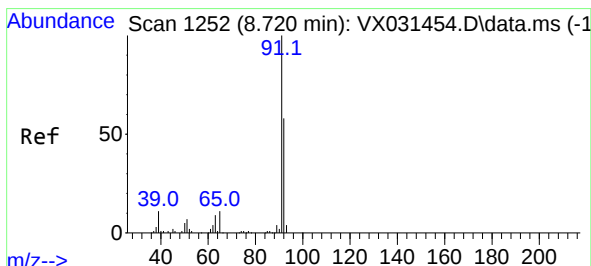
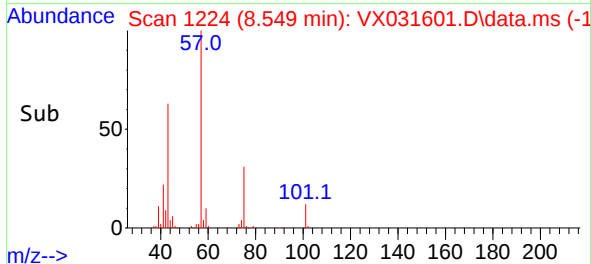
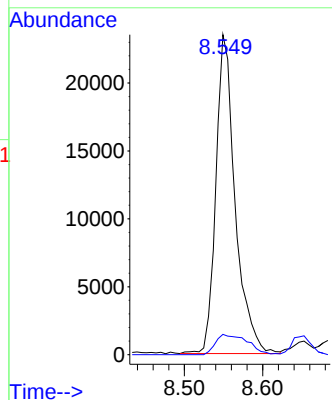
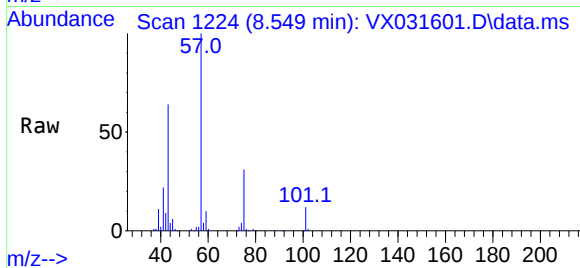
SB-2

Tgt Ion: 43 Resp: 40174

Ion Ratio Lower Upper

43 100

58 10.6 30.6 46.0#



#52

Toluene

Concen: 626.887 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX031601.D

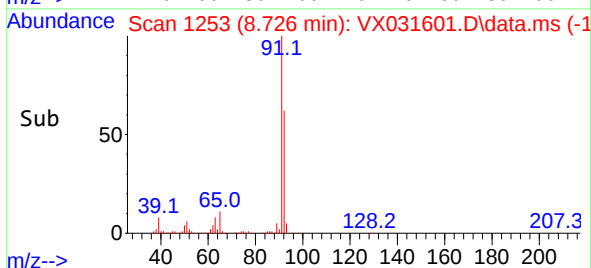
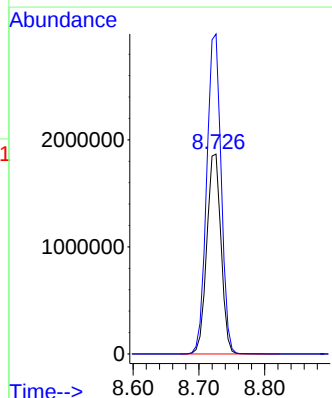
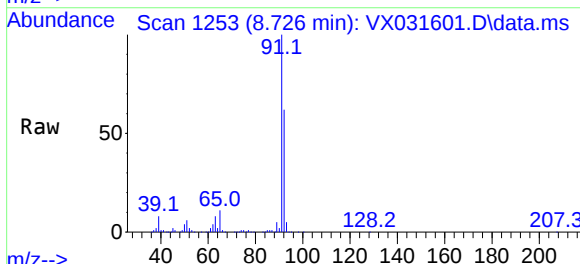
Acq: 23 Sep 2022 04:31

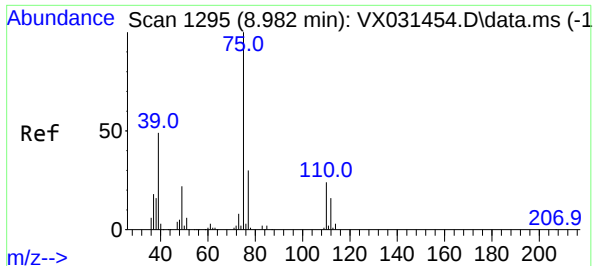
Tgt Ion: 92 Resp: 2808713

Ion Ratio Lower Upper

92 100

91 162.5 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 12.574 ug/l

RT: 8.726 min Scan# 11

Delta R.T. -0.256 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

Instrument :

MSVOA\_X

ClientSampleId :

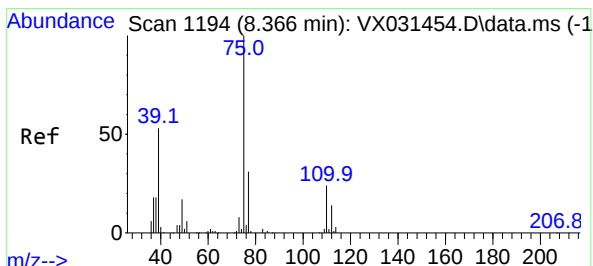
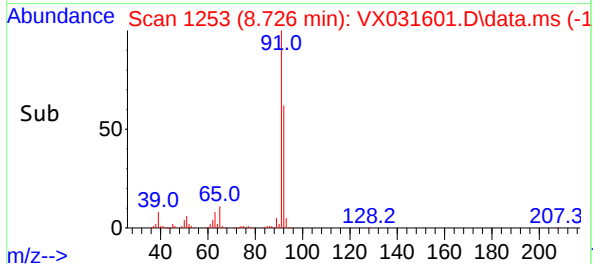
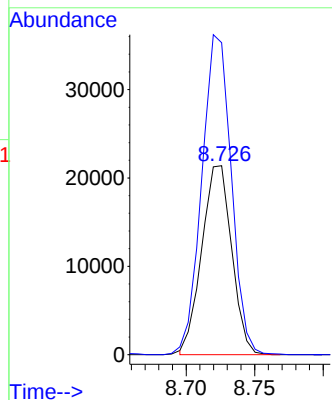
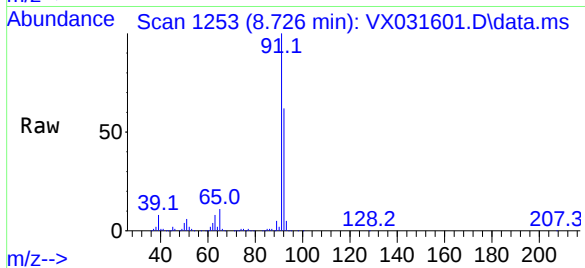
SB-2

Tgt Ion: 75 Resp: 32520

Ion Ratio Lower Upper

75 100

77 164.8 24.8 37.2#



#54

cis-1,3-Dichloropropene

Concen: 6.336 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. 0.189 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

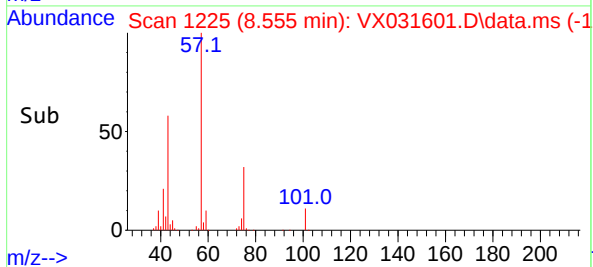
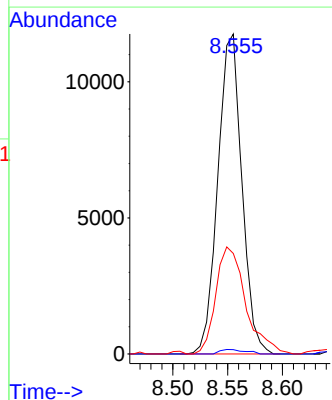
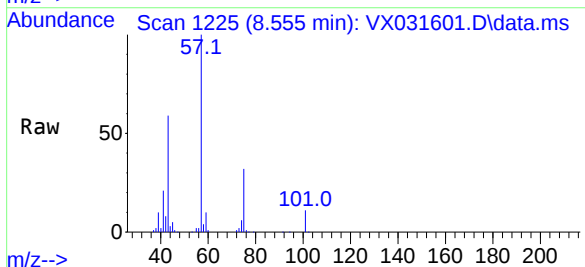
Tgt Ion: 75 Resp: 17921

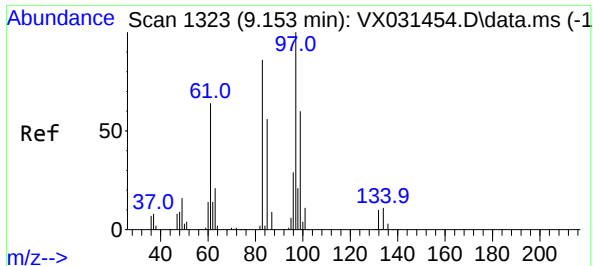
Ion Ratio Lower Upper

75 100

77 1.3 24.4 36.6#

39 30.5 43.7 65.5#

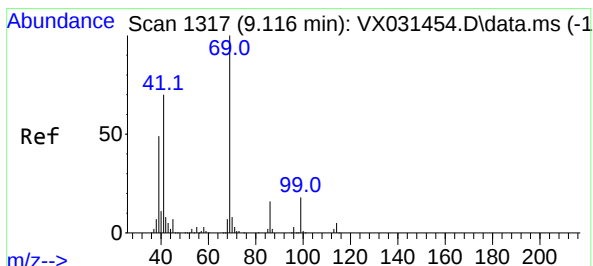
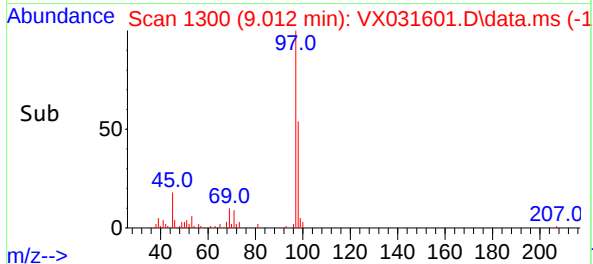
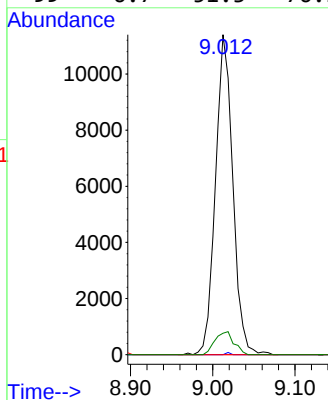
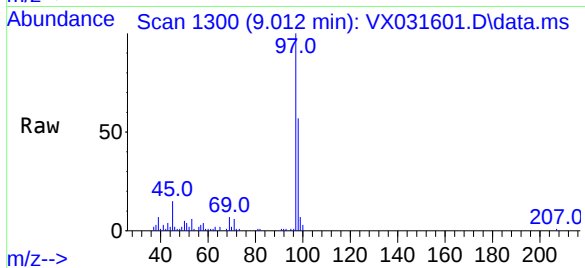




#55  
1,1,2-Trichloroethane  
Concen: 9.033 ug/l  
RT: 9.012 min Scan# 11  
Delta R.T. -0.141 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

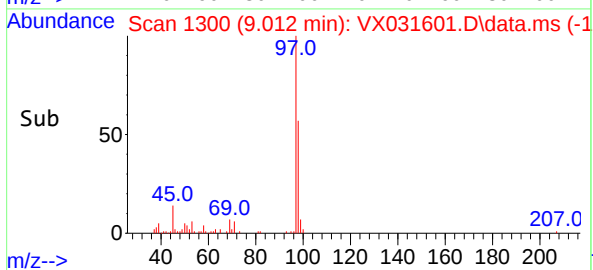
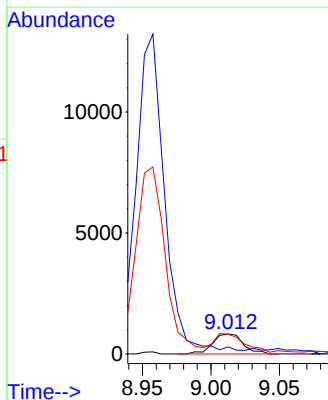
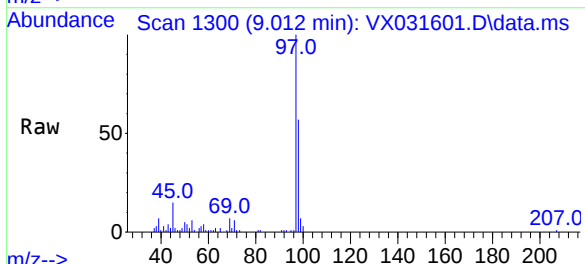
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

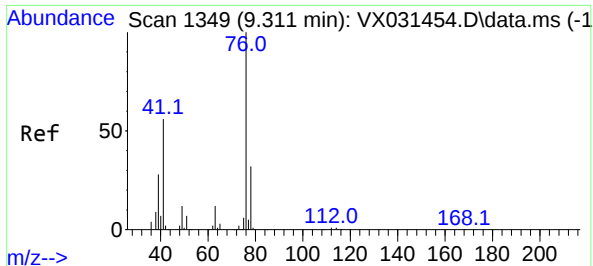
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 97 | Resp: | 16676       |
| Ion         | Ratio | Lower Upper |
| 97          | 100   |             |
| 83          | 0.0   | 69.0 103.6# |
| 85          | 0.0   | 44.1 66.1#  |
| 99          | 6.7   | 51.3 76.9#  |



#56  
Ethyl methacrylate  
Concen: 0.483 ug/l  
RT: 9.012 min Scan# 1300  
Delta R.T. -0.104 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 69 | Resp: | 1269        |
| Ion         | Ratio | Lower Upper |
| 69          | 100   |             |
| 41          | 0.0   | 54.2 81.4#  |
| 39          | 93.6  | 34.2 51.2#  |

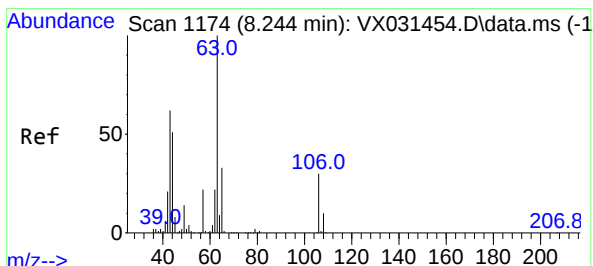
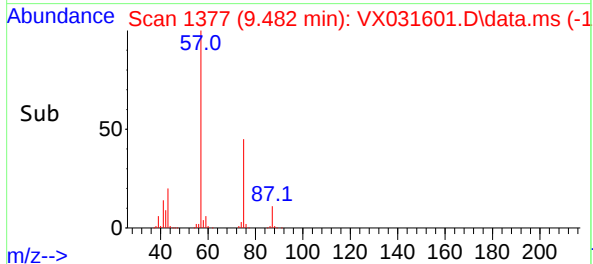
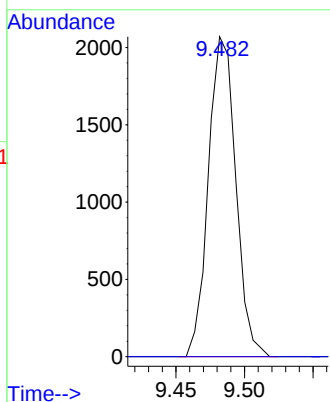
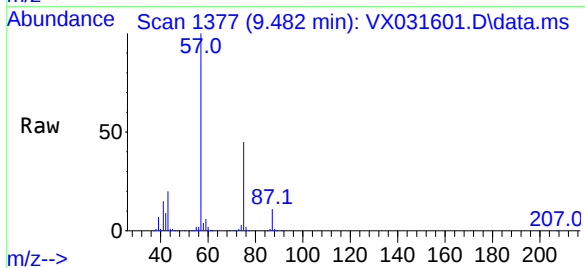




#57  
1,3-Dichloropropane  
Concen: 0.951 ug/l  
RT: 9.482 min Scan# 11  
Delta R.T. 0.171 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

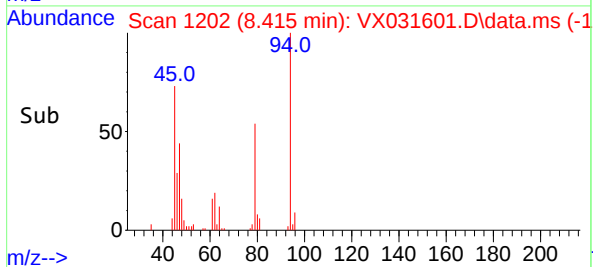
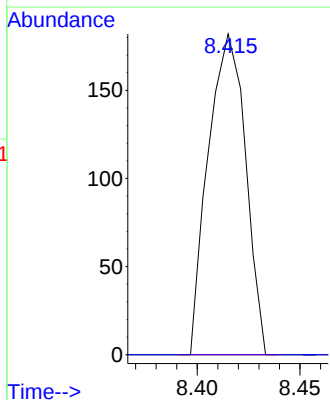
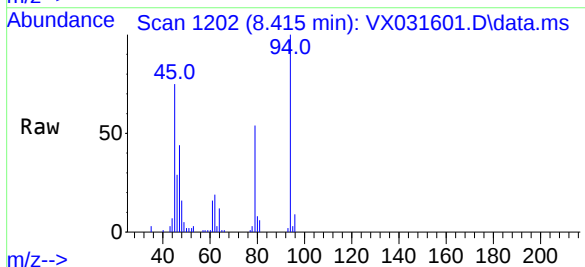
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

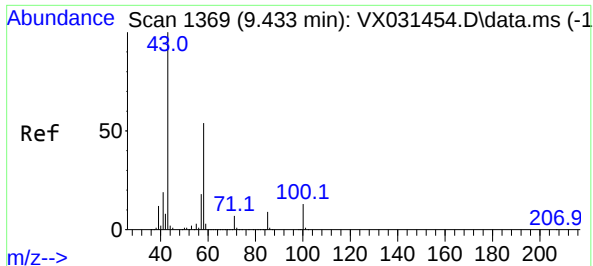
Tgt Ion: 76 Resp: 2880  
Ion Ratio Lower Upper  
76 100  
78 0.0 25.5 38.3#



#58  
2-Chloroethyl Vinyl ether  
Concen: 0.383 ug/l  
RT: 8.415 min Scan# 1202  
Delta R.T. 0.171 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion: 63 Resp: 230  
Ion Ratio Lower Upper  
63 100  
106 0.0 22.6 34.0#





#59

2-Hexanone

Concen: 16.303 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min MSVOA\_X

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

Instrument :

MSVOA\_X

ClientSampleId :

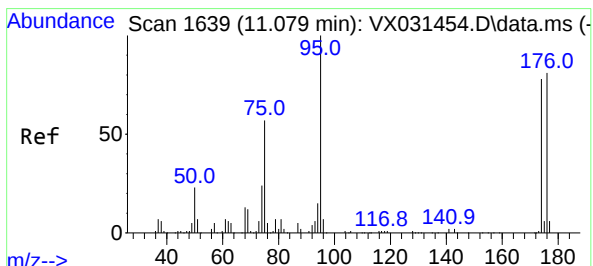
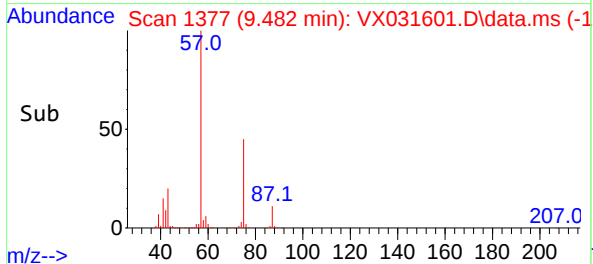
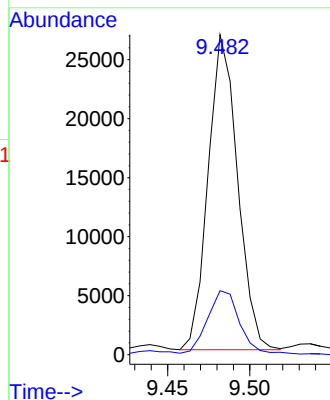
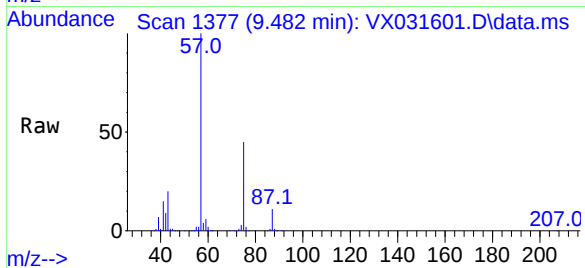
SB-2

Tgt Ion: 43 Resp: 33251

Ion Ratio Lower Upper

43 100

58 22.7 26.7 80.0#



#62

4-Bromofluorobenzene

Concen: 80.523 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031601.D

Acq: 23 Sep 2022 04:31

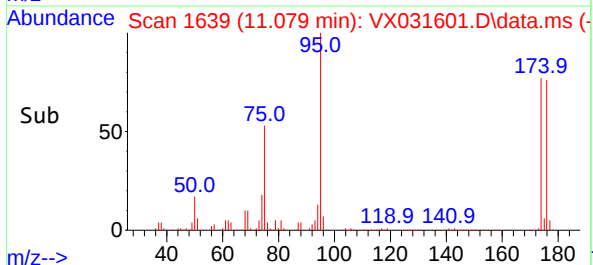
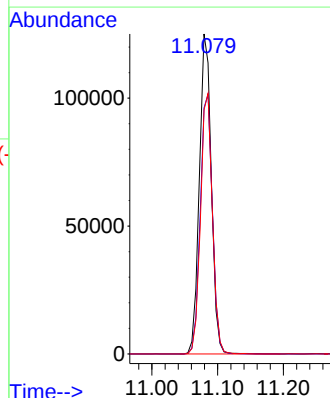
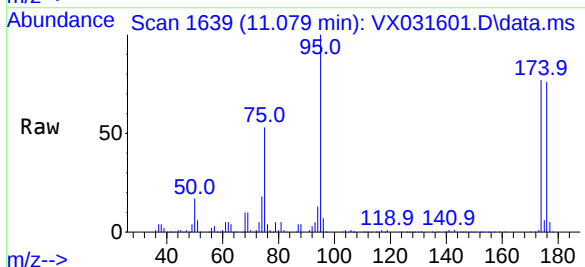
Tgt Ion: 95 Resp: 157425

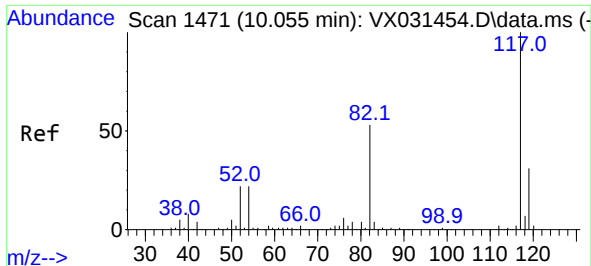
Ion Ratio Lower Upper

95 100

174 82.4 0.0 153.2

176 80.9 0.0 144.0

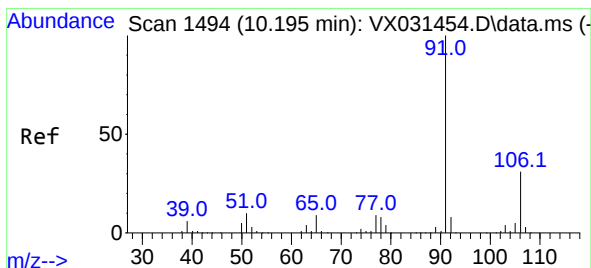
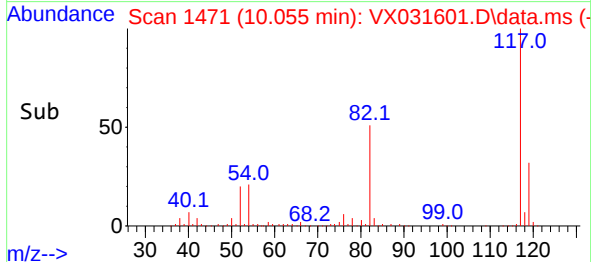
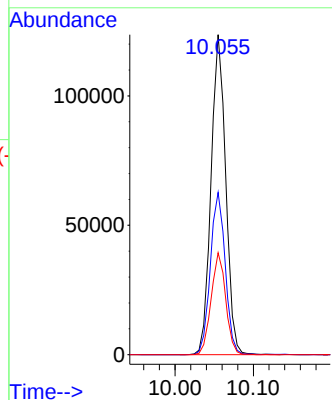
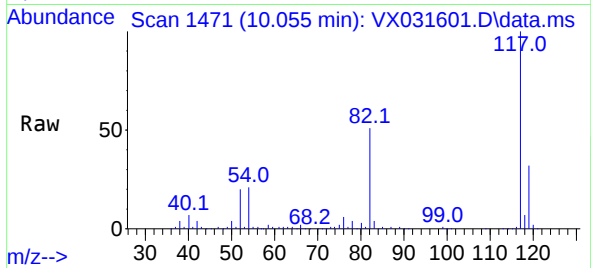




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

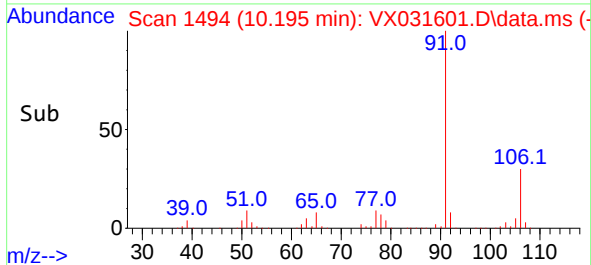
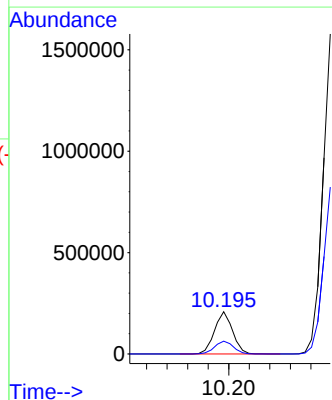
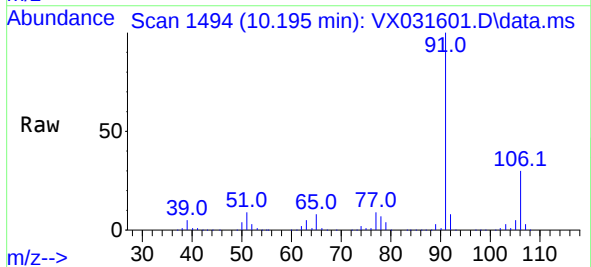
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

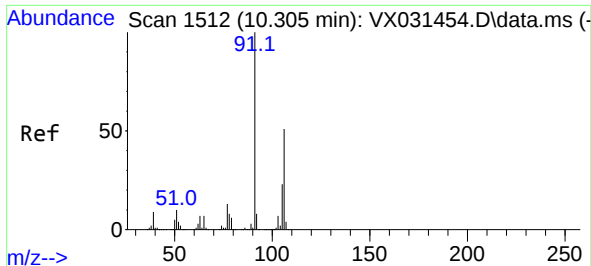
Tgt Ion:117 Resp: 160362  
Ion Ratio Lower Upper  
117 100  
82 50.7 46.8 70.2  
119 31.8 26.4 39.6



#67  
Ethyl Benzene  
Concen: 29.056 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion: 91 Resp: 253698  
Ion Ratio Lower Upper  
91 100  
106 30.5 25.2 37.8

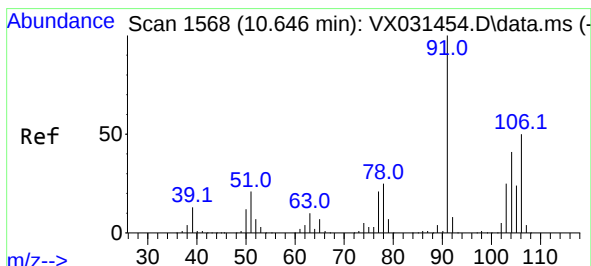
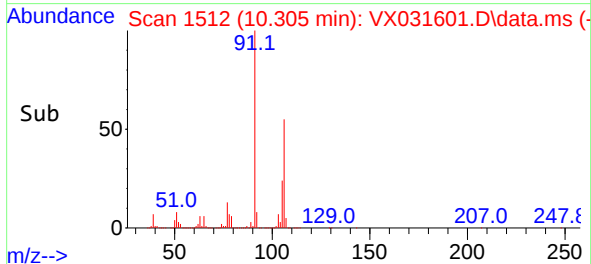
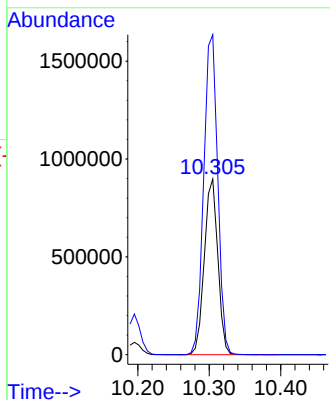
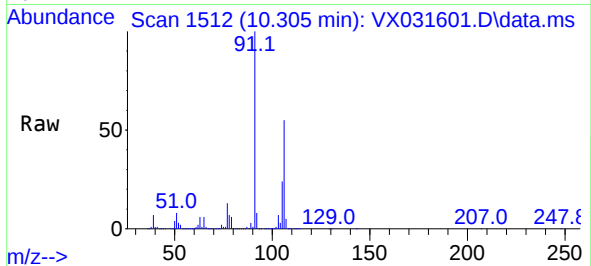




#68  
m/p-Xylenes  
Concen: 335.660 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

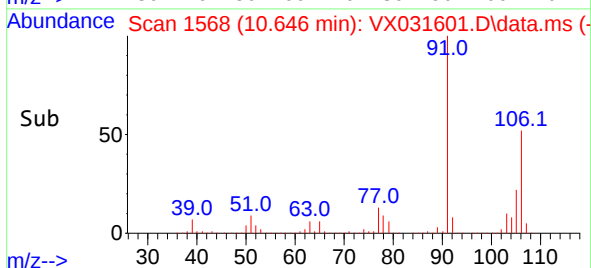
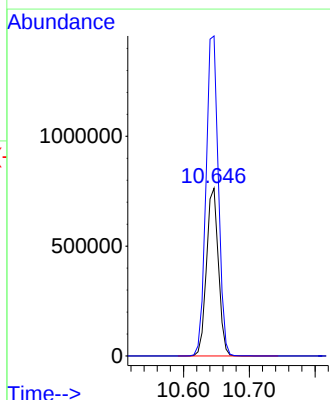
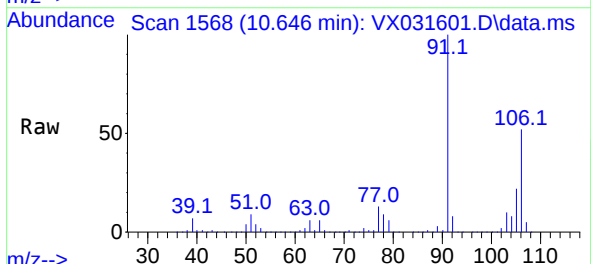
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

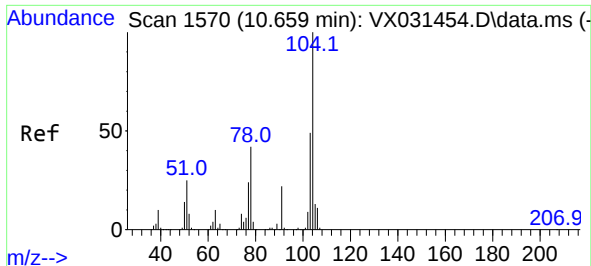
Tgt Ion:106 Resp: 1177790  
Ion Ratio Lower Upper  
106 100  
91 188.5 161.0 241.4



#69  
o-Xylene  
Concen: 287.280 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion:106 Resp: 962155  
Ion Ratio Lower Upper  
106 100  
91 198.1 107.2 321.6

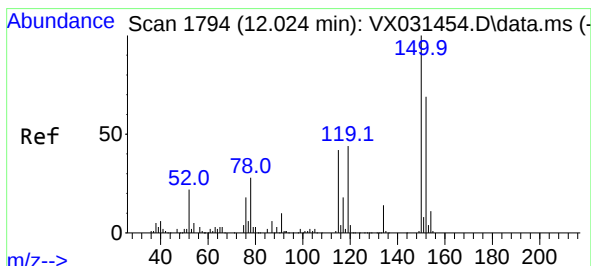
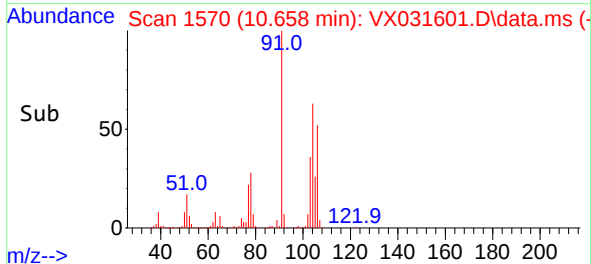
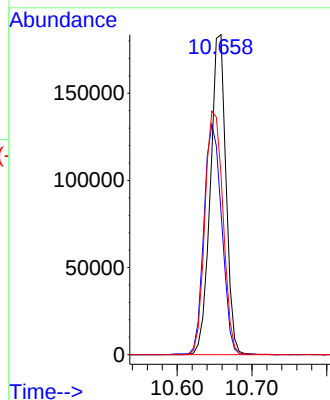
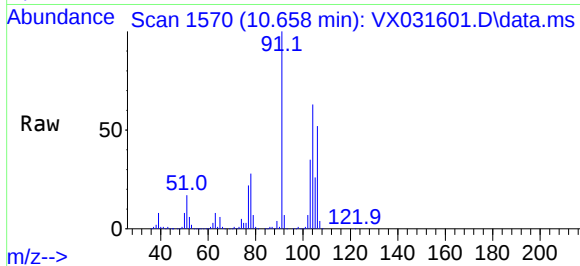




#70  
Styrene  
Concen: 48.317 ug/l  
RT: 10.658 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

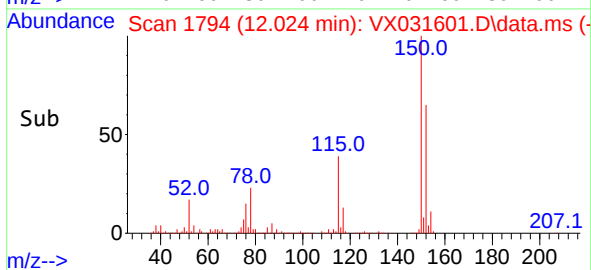
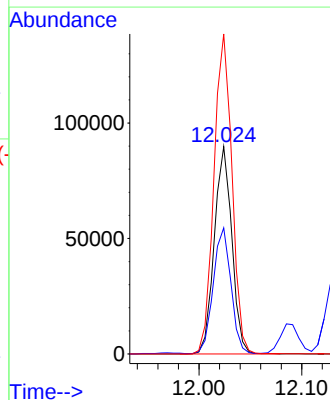
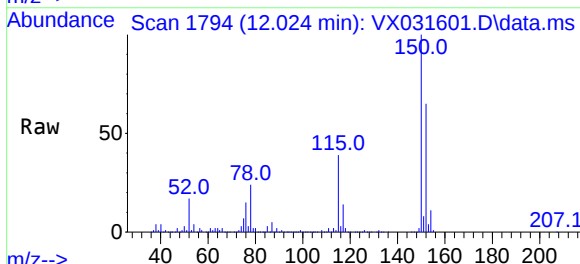
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

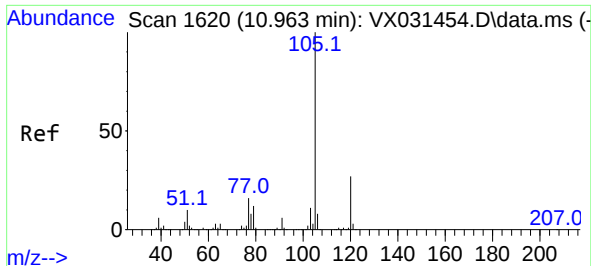
Tgt Ion:104 Resp: 266433  
Ion Ratio Lower Upper  
104 100  
78 82.0 41.4 62.2#  
103 88.0 43.8 65.8#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion:152 Resp: 106205  
Ion Ratio Lower Upper  
152 100  
115 61.0 43.4 130.1  
150 158.5 0.0 346.8

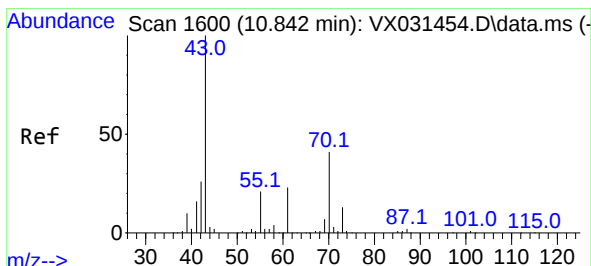
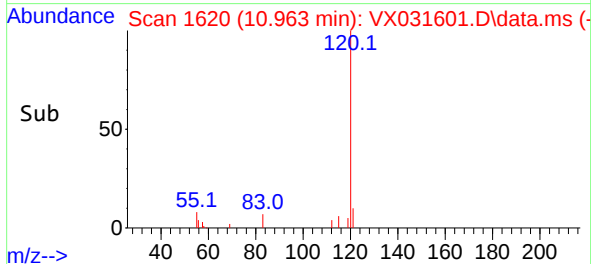
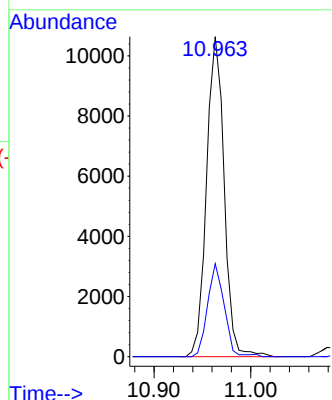
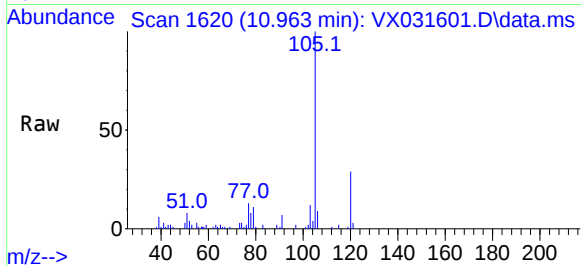




#73  
Isopropylbenzene  
Concen: 1.698 ug/l  
RT: 10.963 min Scan# 1589  
Delta R.T. 0.000 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

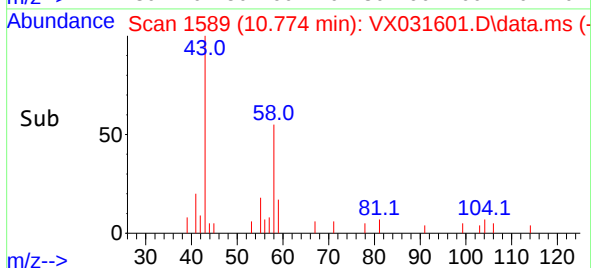
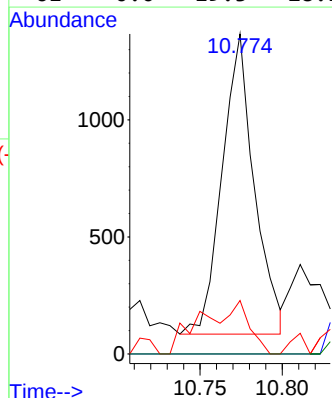
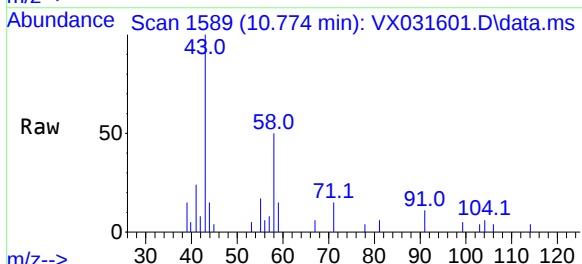
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

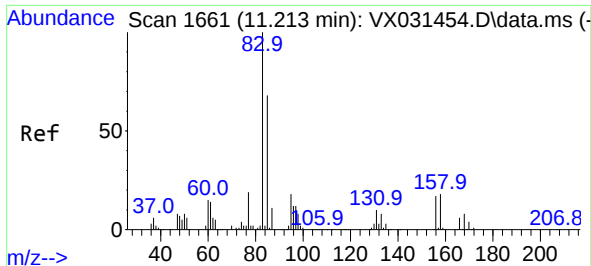
Tgt Ion:105 Resp: 13470  
Ion Ratio Lower Upper  
105 100  
120 27.5 13.7 41.0



#74  
N-ethyl acetate  
Concen: 0.543 ug/l  
RT: 10.774 min Scan# 1589  
Delta R.T. -0.068 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion: 43 Resp: 1744  
Ion Ratio Lower Upper  
43 100  
70 0.0 33.4 50.2#  
55 26.1 18.2 27.2  
61 0.0 19.3 28.9#

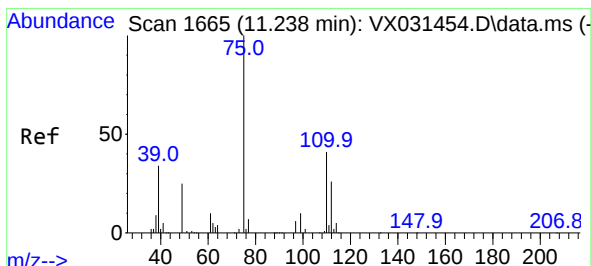
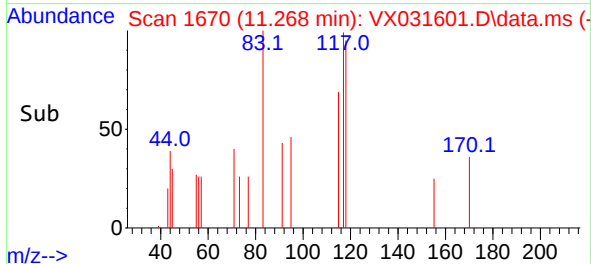
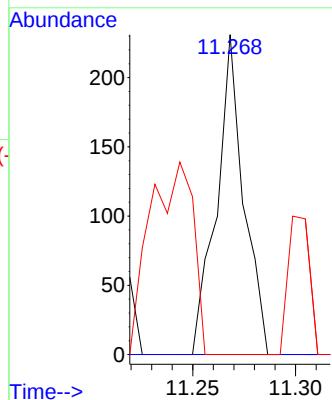
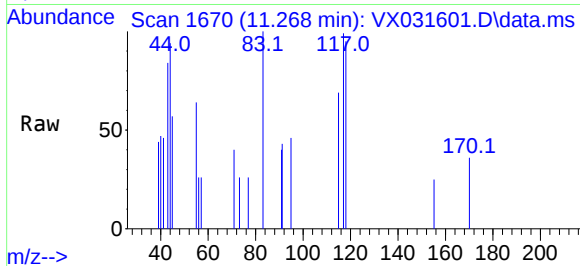




#75  
1,1,2,2-Tetrachloroethane  
Concen: Below Cal  
RT: 11.268 min Scan# 1639  
Delta R.T. 0.055 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

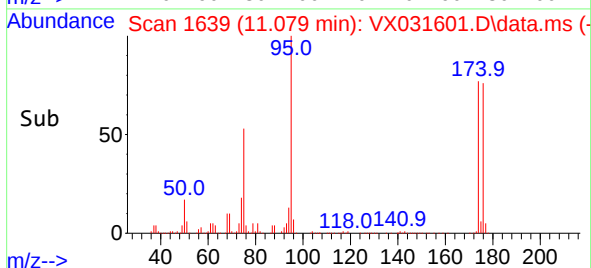
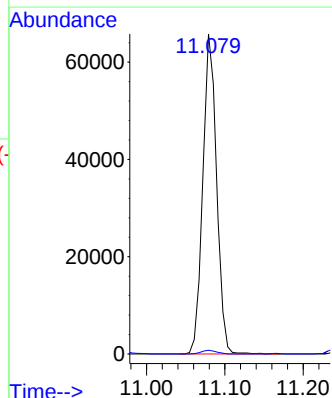
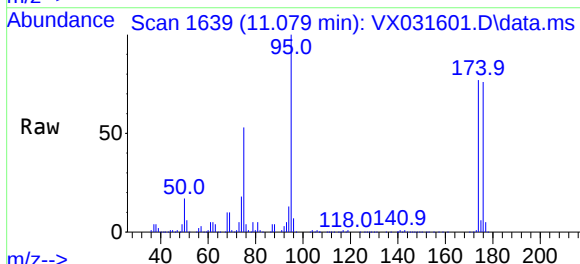
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

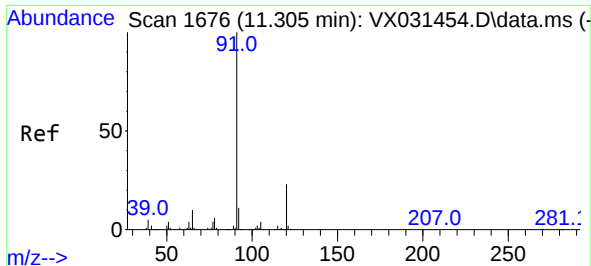
Tgt Ion: 83 Resp: 211  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.1 15.4#  
85 0.0 32.6 97.8#



#76  
1,2,3-Trichloropropane  
Concen: 33.923 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.159 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion: 75 Resp: 80410  
Ion Ratio Lower Upper  
75 100  
77 0.0 20.3 60.9#

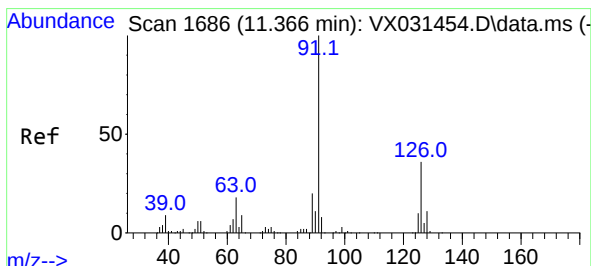
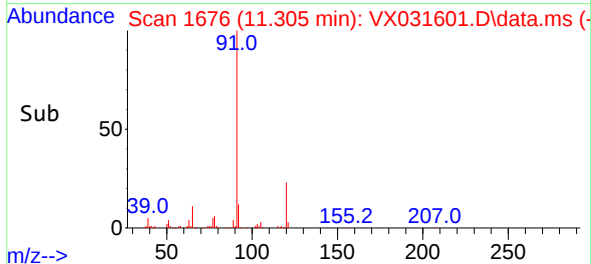
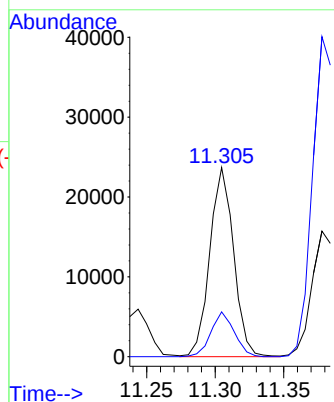
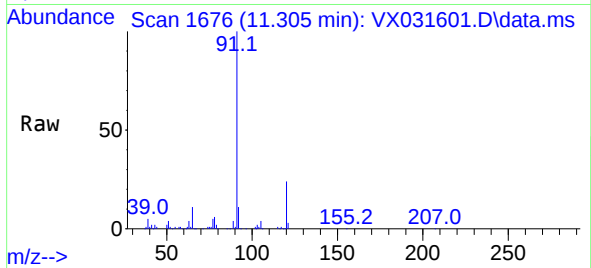




#78  
n-propylbenzene  
Concen: 3.140 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

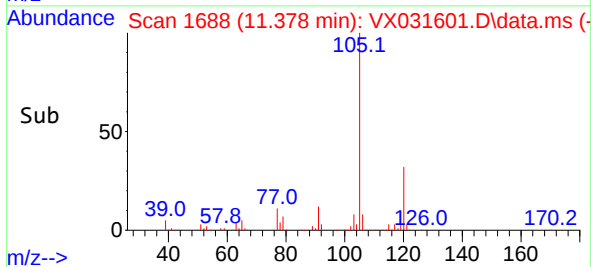
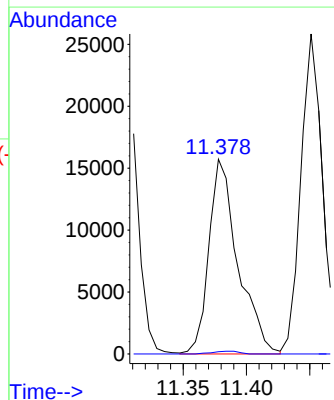
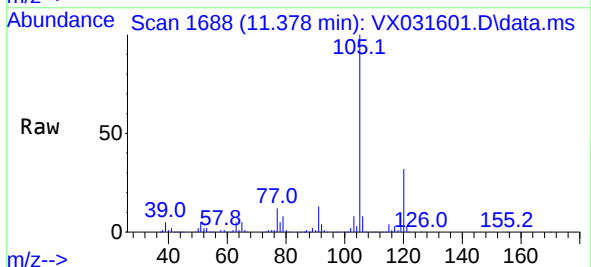
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

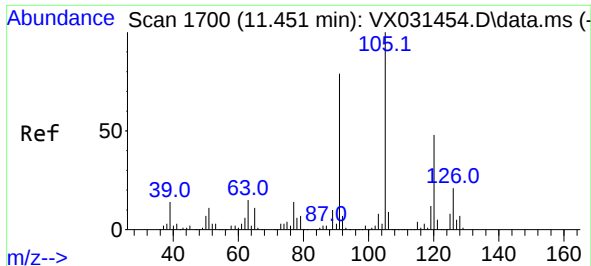
Tgt Ion: 91 Resp: 28652  
Ion Ratio Lower Upper  
91 100  
120 23.2 11.8 35.4



#79  
2-Chlorotoluene  
Concen: 4.631 ug/l  
RT: 11.378 min Scan# 1688  
Delta R.T. 0.012 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion: 91 Resp: 25149  
Ion Ratio Lower Upper  
91 100  
126 1.3 17.4 52.3#

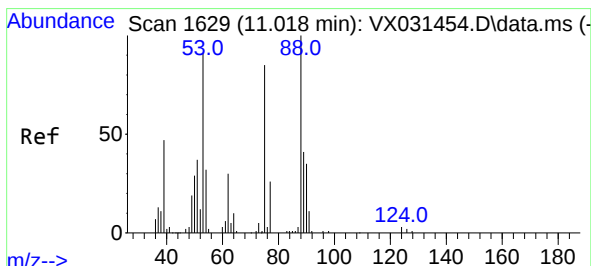
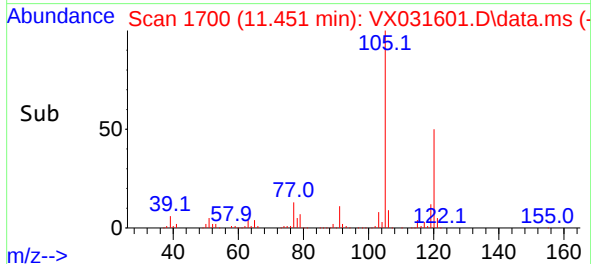
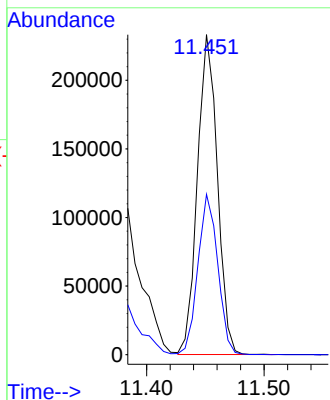
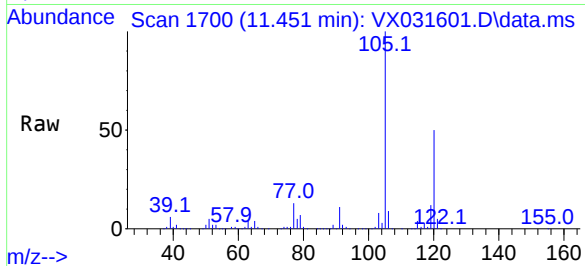




#80  
1,3,5-Trimethylbenzene  
Concen: 40.885 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

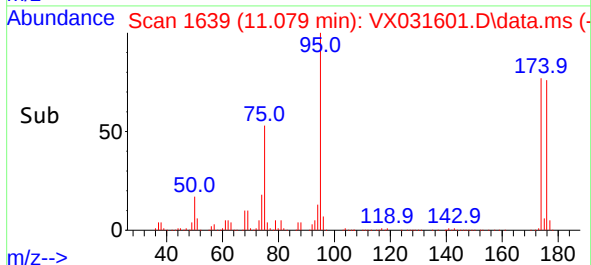
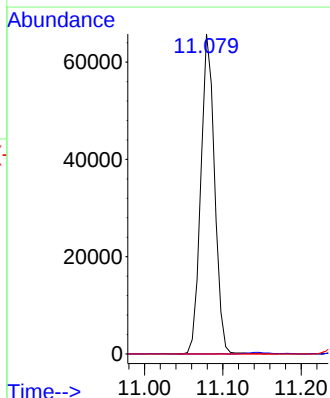
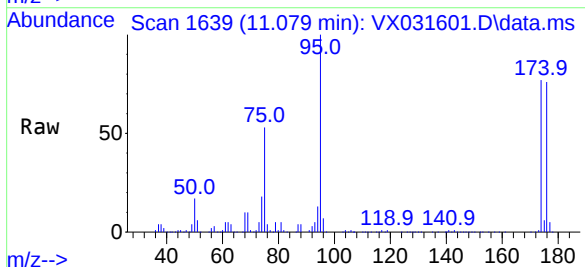
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

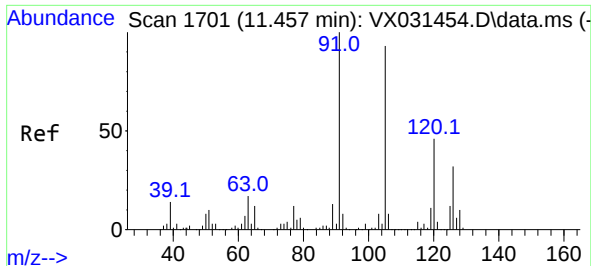
Tgt Ion:105 Resp: 275183  
Ion Ratio Lower Upper  
105 100  
120 50.0 24.5 73.5



#81  
trans-1,4-Dichloro-2-butene  
Concen: 109.227 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion: 75 Resp: 80410  
Ion Ratio Lower Upper  
75 100  
53 0.0 77.6 116.4#  
89 0.0 37.4 56.0#

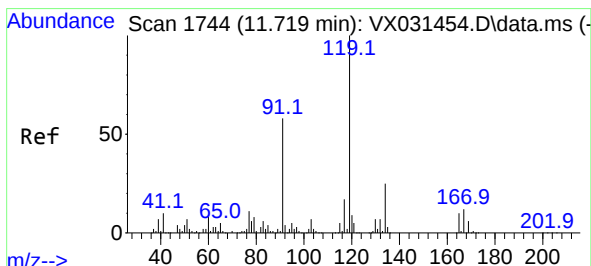
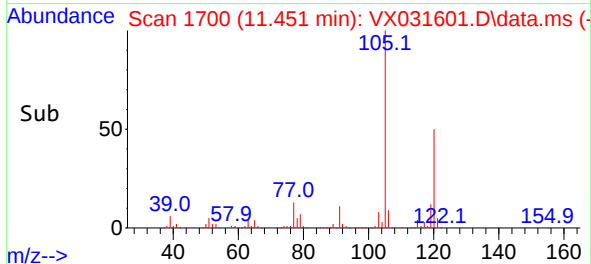
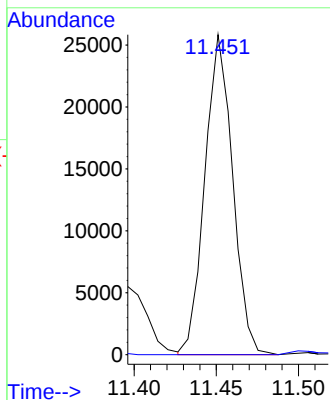
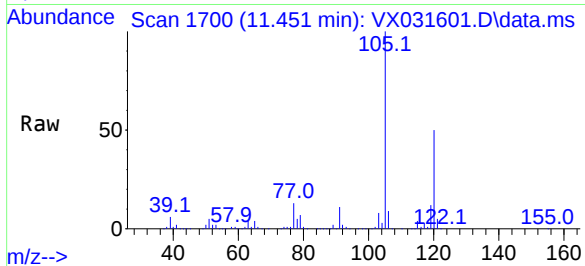




#82  
4-Chlorotoluene  
Concen: 4.756 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

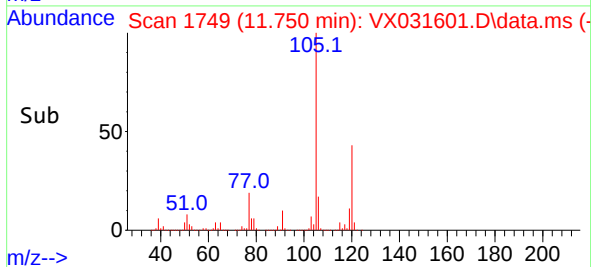
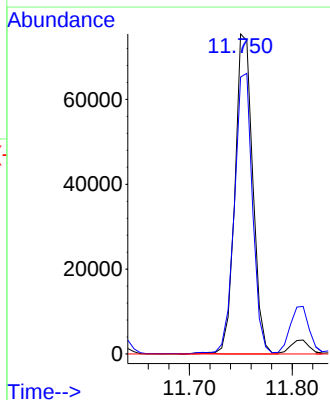
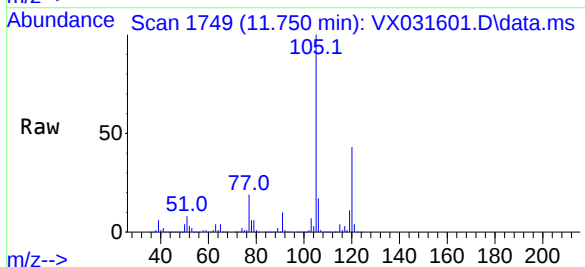
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-2

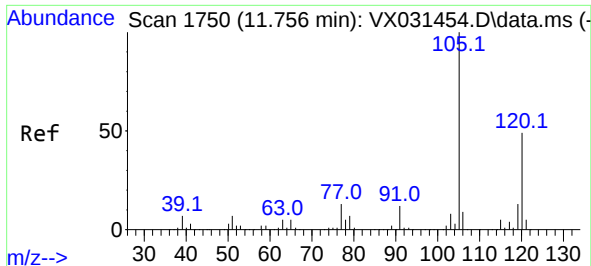
Tgt Ion: 91 Resp: 30312  
Ion Ratio Lower Upper  
91 100  
126 0.0 15.1 45.3#



#83  
tert-Butylbenzene  
Concen: 13.967 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.031 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion: 119 Resp: 91115  
Ion Ratio Lower Upper  
119 100  
91 89.5 29.2 87.6#  
134 0.0 11.6 34.8#

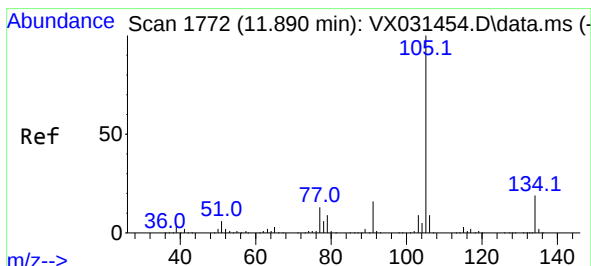
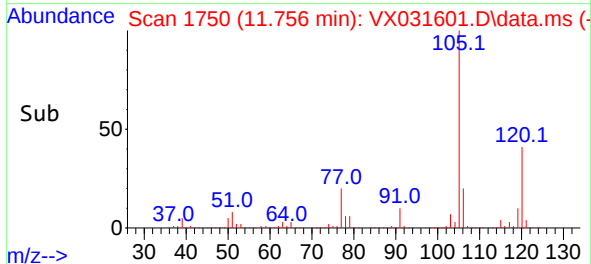
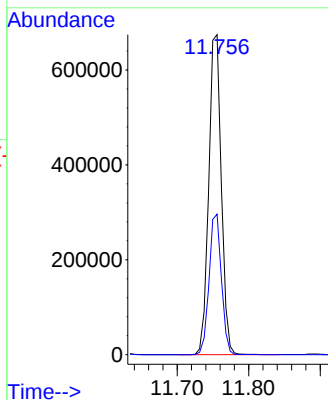
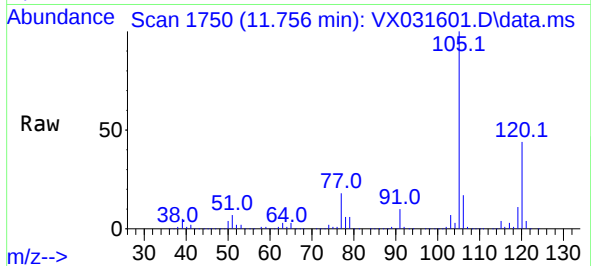




#84  
 1,2,4-Trimethylbenzene  
 Concen: 124.066 ug/l  
 RT: 11.756 min Scan# 1750  
 Delta R.T. -0.000 min  
 Lab File: VX031601.D  
 Acq: 23 Sep 2022 04:31

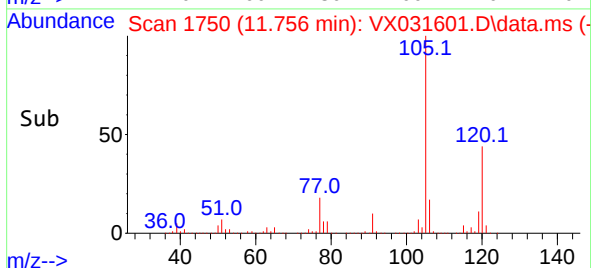
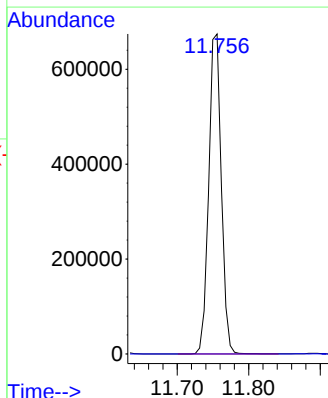
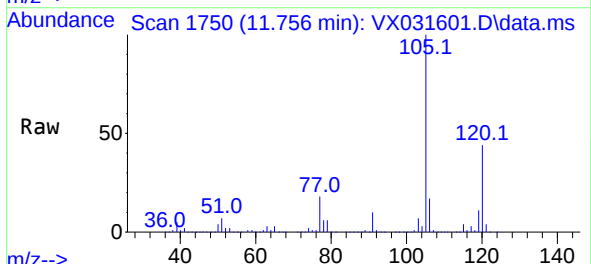
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SB-2

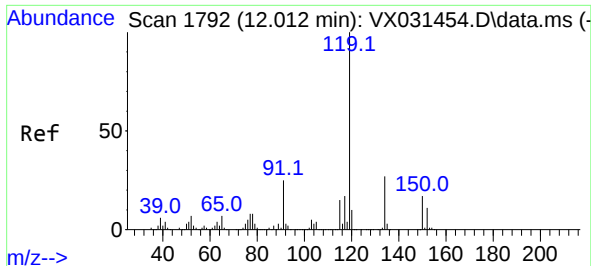
Tgt Ion:105 Resp: 822383  
 Ion Ratio Lower Upper  
 105 100  
 120 43.2 22.6 67.8



#85  
 sec-Butylbenzene  
 Concen: 99.614 ug/l  
 RT: 11.756 min Scan# 1750  
 Delta R.T. -0.134 min  
 Lab File: VX031601.D  
 Acq: 23 Sep 2022 04:31

Tgt Ion:105 Resp: 822383  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 10.4 31.1#

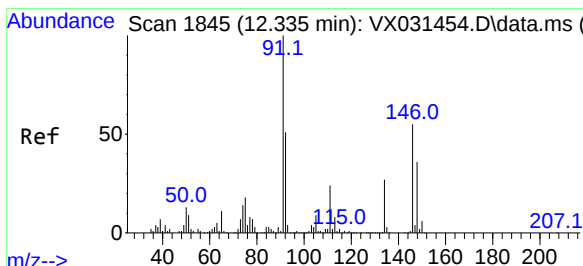
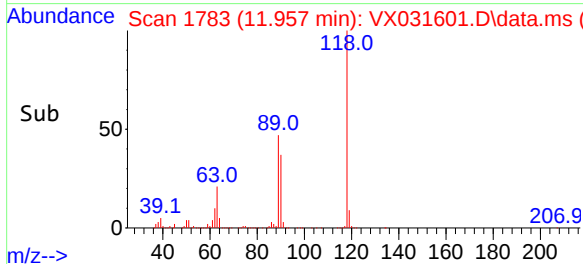
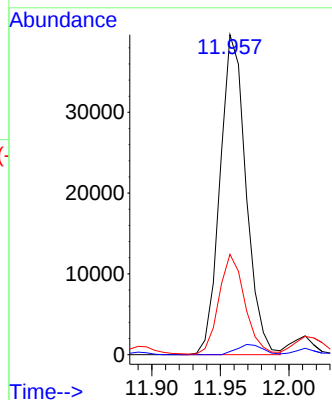
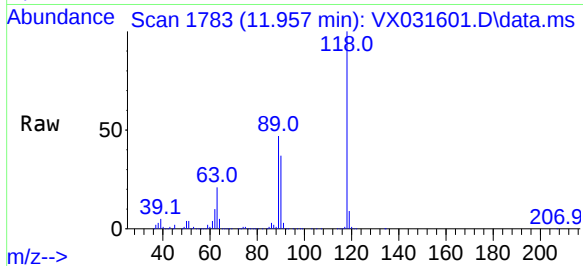




#86  
p-Isopropyltoluene  
Concen: 7.483 ug/l  
RT: 11.957 min Scan# 11  
Delta R.T. -0.055 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

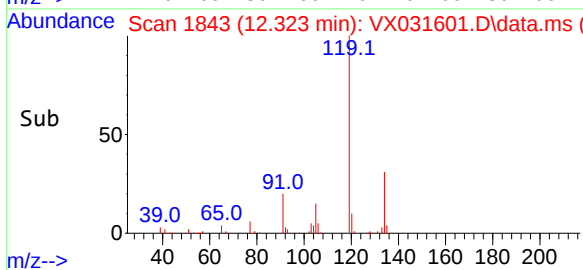
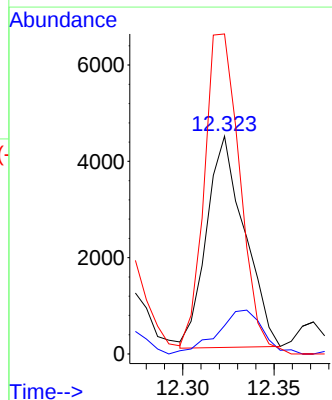
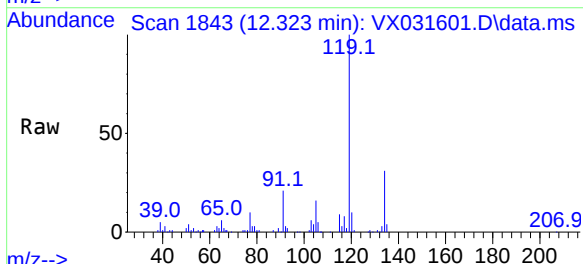
Instrument :  
MSVOA\_X  
ClientSampleId :  
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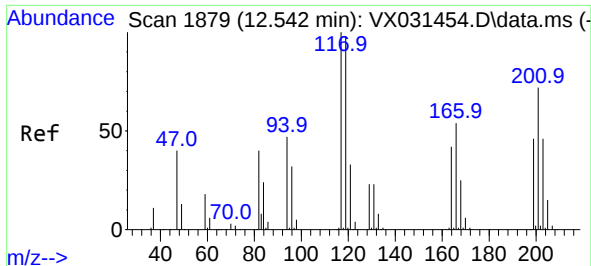
Tgt Ion:119 Resp: 52165  
Ion Ratio Lower Upper  
119 100  
134 3.2 13.4 40.2#  
91 30.8 12.4 37.2



#89  
n-Butylbenzene  
Concen: 1.071 ug/l  
RT: 12.323 min Scan# 1843  
Delta R.T. -0.012 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Tgt Ion: 91 Resp: 6358  
Ion Ratio Lower Upper  
91 100  
92 24.8 27.0 81.0#  
134 142.9 13.3 39.9#

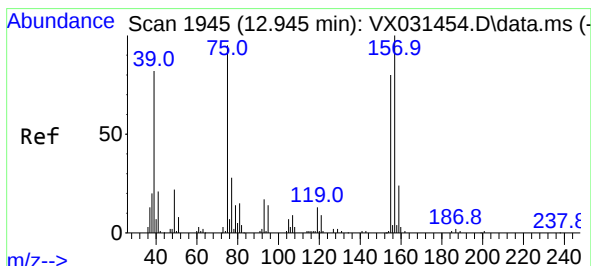
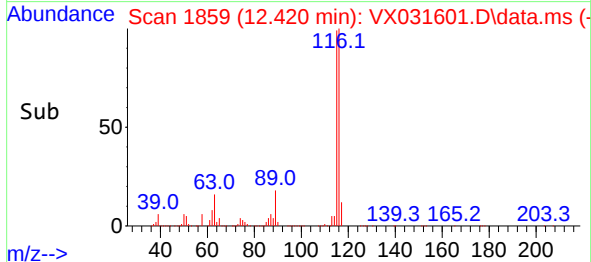
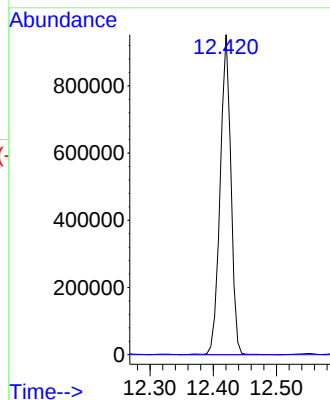
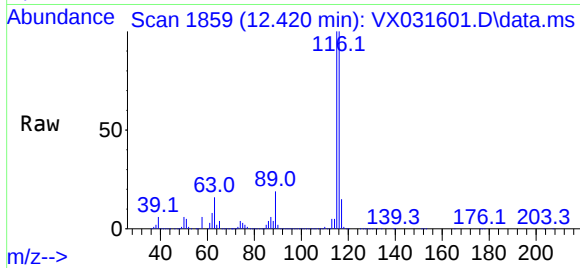




#90  
 Hexachloroethane  
 Concen: 929.460 ug/l  
 RT: 12.420 min Scan# 117  
 Delta R.T. -0.122 min  
 Lab File: VX031601.D  
 Acq: 23 Sep 2022 04:31

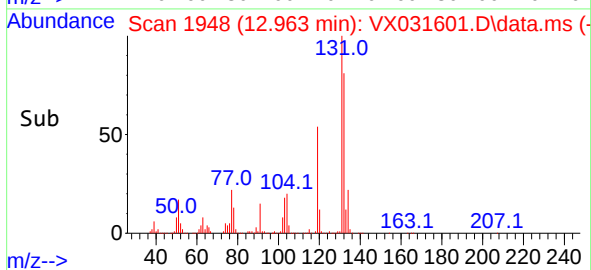
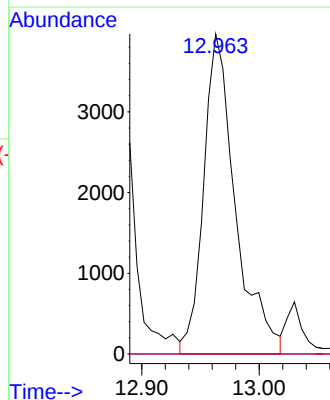
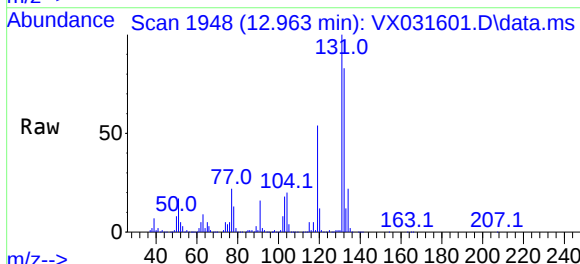
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SB-2

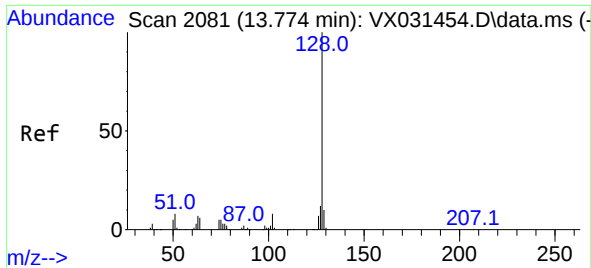
Tgt Ion:117 Resp: 1113381  
 Ion Ratio Lower Upper  
 117 100  
 201 0.0 34.8 104.4#



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 13.680 ug/l  
 RT: 12.963 min Scan# 1948  
 Delta R.T. 0.018 min  
 Lab File: VX031601.D  
 Acq: 23 Sep 2022 04:31

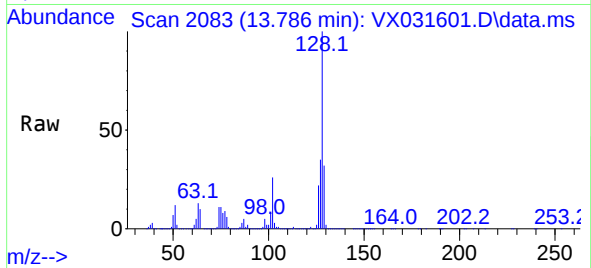
Tgt Ion: 75 Resp: 7455  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 40.3 120.8#  
 157 0.0 51.5 154.5#





#95  
Naphthalene  
Concen: 2112.416 ug/l  
RT: 13.786 min Scan# 2083  
Delta R.T. 0.012 min  
Lab File: VX031601.D  
Acq: 23 Sep 2022 04:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion:128 Resp:16083174  
Ion Ratio Lower Upper  
128 100  
127 25.9 10.4 15.6#  
129 23.1 8.8 13.2#

