

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100722\  
 Data File : VX031970.D  
 Acq On : 07 Oct 2022 18:18  
 Operator : JC/MD  
 Sample : N4883-10DL 20X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP092722DL

Quant Time: Oct 08 05:15:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 14:28:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 5.550  | 168   | 55579    | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 89092    | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 96308    | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 64728    | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 60344    | 52.573    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | =      | 105.140% |
| 35) Dibromofluoromethane      | 5.391  | 113   | 50448    | 50.024    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 100.040% |
| 50) Toluene-d8                | 8.653  | 98    | 183151   | 50.471    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | =      | 100.940% |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 64699    | 50.432    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 100.860% |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 5) Bromomethane               | 1.618  | 94    | 250      | Below Cal |        | 94       |
| 11) Tert butyl alcohol        | 2.947  | 59    | 3120     | 21.847    | ug/l # | 73       |
| 16) Acetone                   | 2.392  | 43    | 863      | 2.212     | ug/l # | 71       |
| 19) Methyl tert-butyl Ether   | 3.111  | 73    | 4440     | 1.563     | ug/l # | 70       |
| 20) Methylene Chloride        | 2.794  | 84    | 260      | 0.254     | ug/l # | 36       |
| 25) 2-Butanone                | 4.574  | 43    | 284      | 0.466     | ug/l # | 49       |
| 31) Cyclohexane               | 5.470  | 56    | 1702     | 1.241     | ug/l # | 75       |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 4317     | 3.228     | ug/l # | 44       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 5907     | 4.320     | ug/l # | 17       |
| 39) Methylcyclohexane         | 7.379  | 83    | 2493     | 1.563     | ug/l   | 93       |
| 40) Benzene                   | 6.044  | 78    | 15831    | 4.043     | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 6.098  | 62    | 511      | 0.358     | ug/l # | 75       |
| 43) Isopropyl Acetate         | 6.245  | 43    | 808      | 0.423     | ug/l # | 61       |
| 48) Methyl methacrylate       | 7.659  | 41    | 220      | 0.241     | ug/l # | 29       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43    | 369      | 0.292     | ug/l # | 63       |
| 52) Toluene                   | 8.720  | 92    | 20965    | 8.188     | ug/l   | 93       |
| 53) t-1,3-Dichloropropene     | 8.720  | 75    | 240      | 1.376     | ug/l # | 1        |
| 55) 1,1,2-Trichloroethane     | 9.104  | 97    | 230      | 0.213     | ug/l # | 15       |
| 56) Ethyl methacrylate        | 8.842  | 69    | 1067     | 0.770     | ug/l # | 78       |
| 59) 2-Hexanone                | 9.445  | 43    | 821      | 0.880     | ug/l   | 67       |
| 67) Ethyl Benzene             | 10.195 | 91    | 160572   | 32.526    | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106   | 130351   | 66.445    | ug/l   | 96       |
| 69) o-Xylene                  | 10.640 | 106   | 37387    | 19.607    | ug/l   | 99       |
| 70) Styrene                   | 10.646 | 104   | 2018     | 0.662     | ug/l # | 1        |
| 73) Isopropylbenzene          | 10.963 | 105   | 3323     | 0.681     | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 34075    | 25.686    | ug/l # | 37       |
| 78) n-propylbenzene           | 11.305 | 91    | 12936    | 2.330     | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 11.378 | 91    | 7931     | 2.373     | ug/l # | 40       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105   | 48408    | 11.956    | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 34075    | 88.189    | ug/l # | 11       |
| 82) 4-Chlorotoluene           | 11.451 | 91    | 5432     | 1.419     | ug/l # | 44       |
| 83) tert-Butylbenzene         | 11.713 | 119   | 2475     | 0.618     | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105   | 82259    | 19.999    | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.750 | 105   | 82259    | 16.580    | ug/l # | 56       |
| 86) p-Isopropyltoluene        | 11.975 | 119   | 842      | 0.202     | ug/l # | 73       |
| 89) n-Butylbenzene            | 12.317 | 91    | 2695     | 0.770     | ug/l # | 1        |

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Sample : N4883-10DL 20X  
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ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL

Quant Time: Oct 08 05:15:27 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 06 14:28:46 2022  
Response via : Initial Calibration

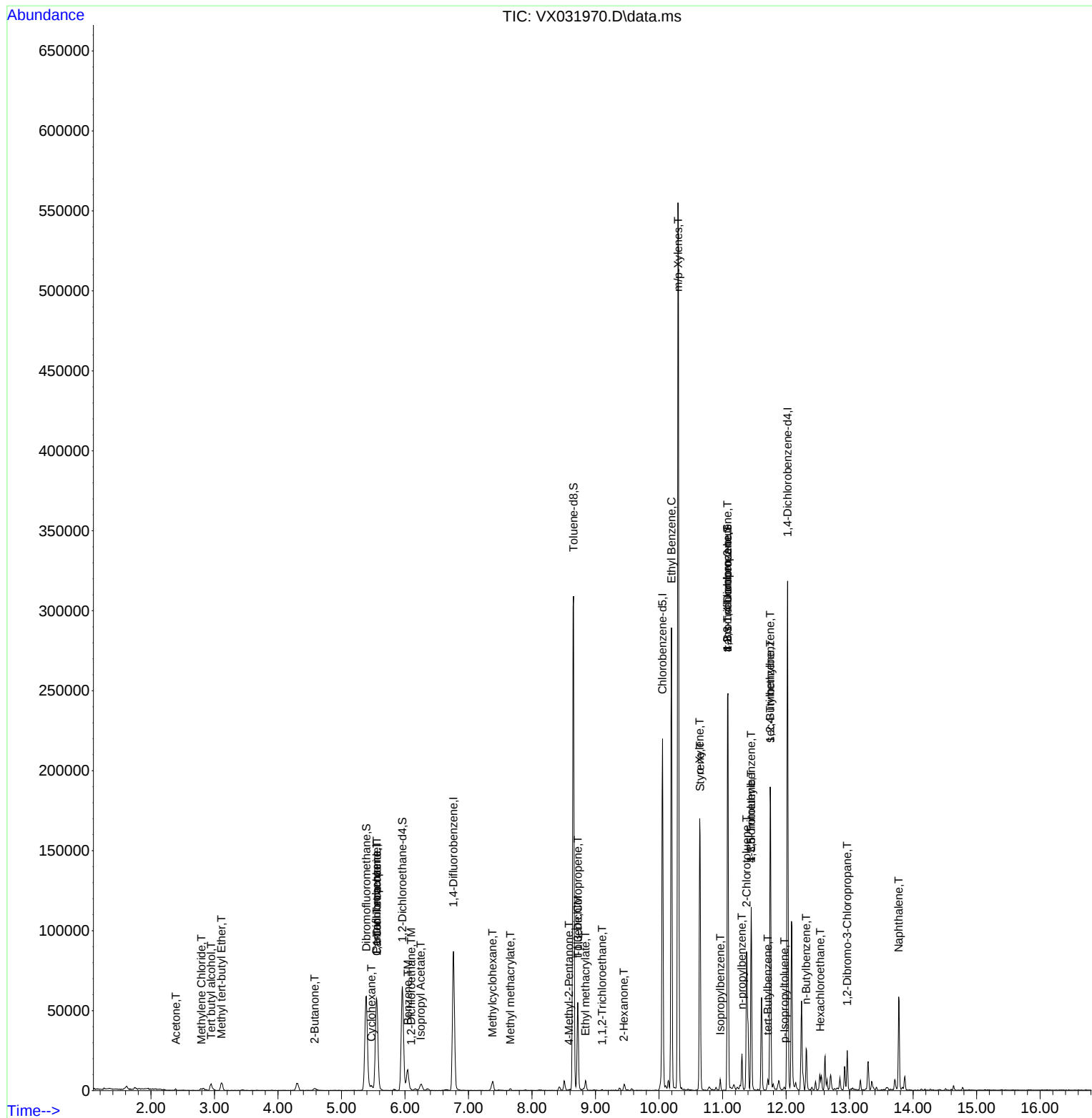
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 90) Hexachloroethane          | 12.536 | 117  | 517      | 2.066 | ug/l # | 15       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.963 | 75   | 94       | 0.331 | ug/l # | 3        |
| 95) Naphthalene               | 13.774 | 128  | 36255    | 7.657 | ug/l   | 99       |

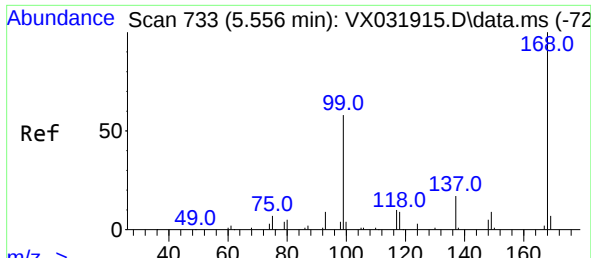
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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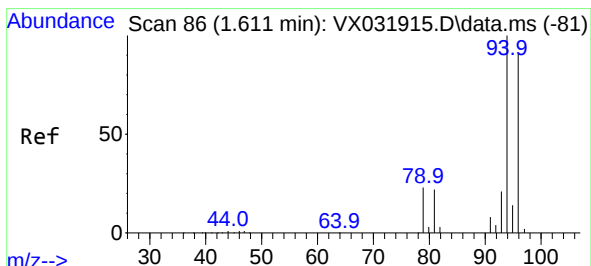
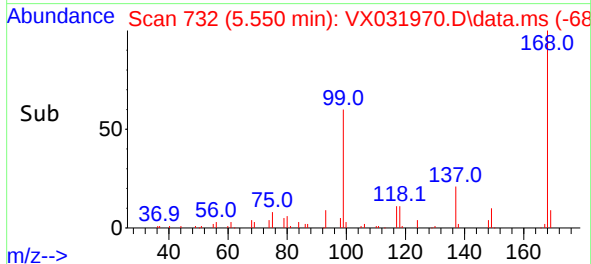
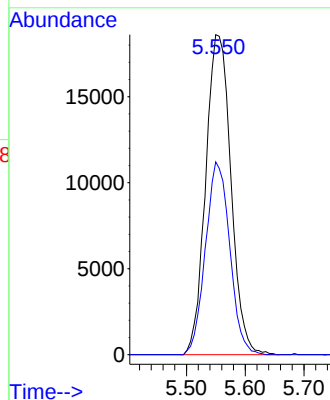
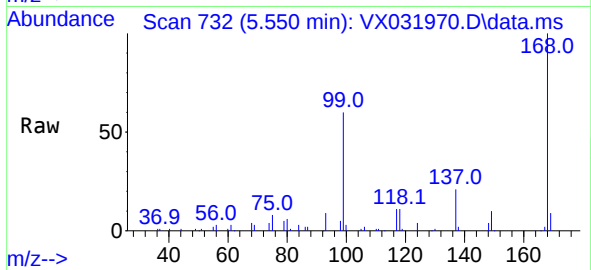




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

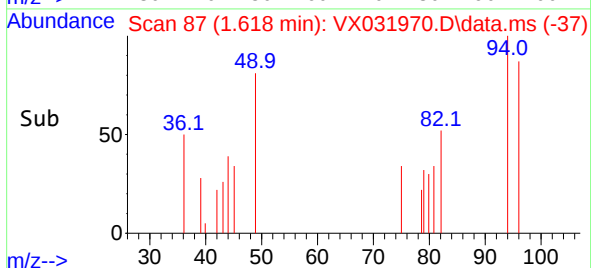
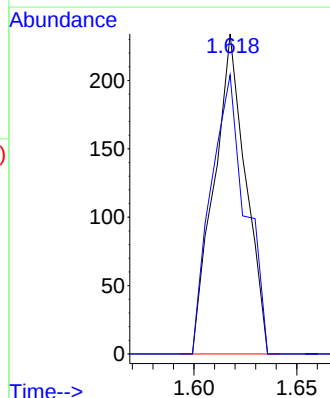
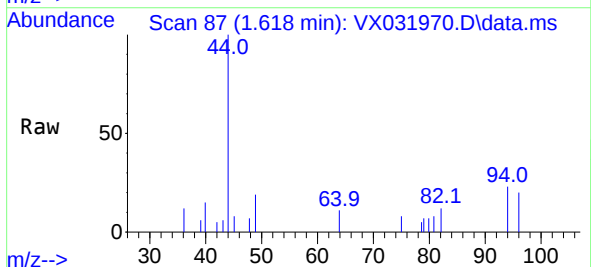
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL

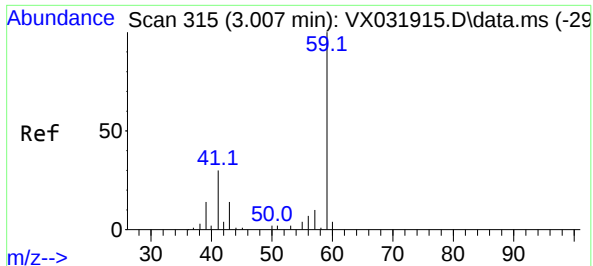
Tgt Ion:168 Resp: 55579  
Ion Ratio Lower Upper  
168 100  
99 60.2 48.8 73.2



#5  
Bromomethane  
Concen: Below Cal  
RT: 1.618 min Scan# 87  
Delta R.T. 0.007 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Tgt Ion: 94 Resp: 250  
Ion Ratio Lower Upper  
94 100  
96 87.2 74.4 111.6





#11

Tert butyl alcohol

Concen: 21.847 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.060 min

Lab File: VX031970.D

Acq: 07 Oct 2022 18:18

Instrument :

MSVOA\_X

ClientSampleId :

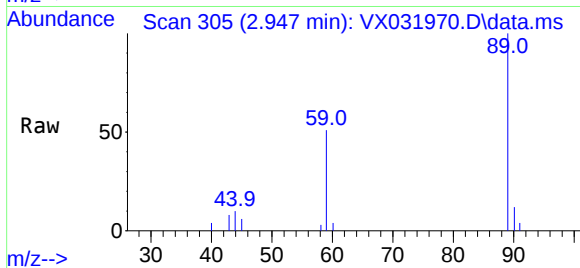
DUP092722DL

Tgt Ion: 59 Resp: 3120

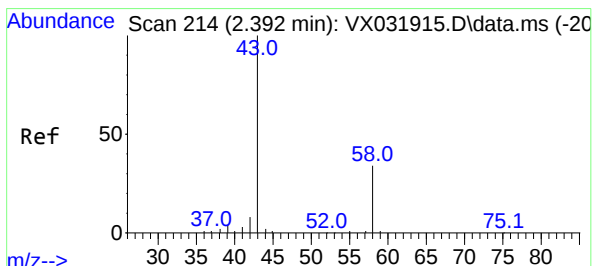
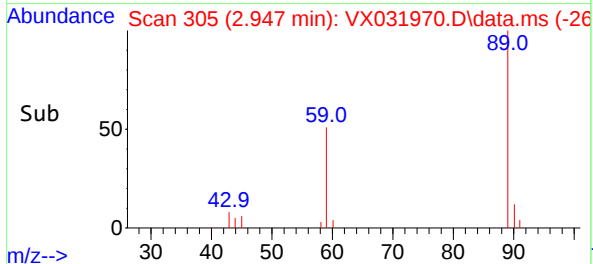
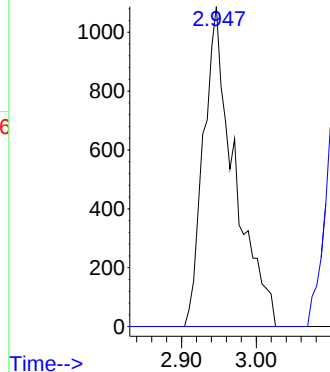
Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance



#16

Acetone

Concen: 2.212 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX031970.D

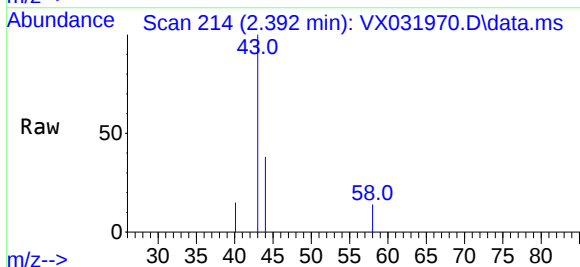
Acq: 07 Oct 2022 18:18

Tgt Ion: 43 Resp: 863

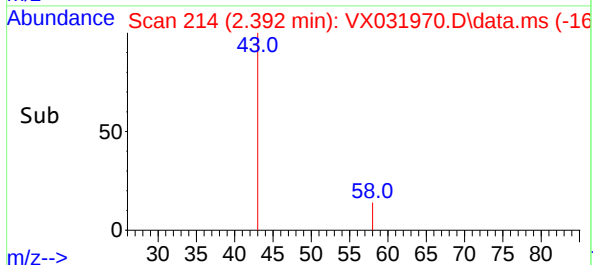
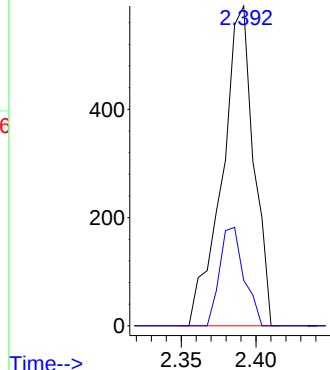
Ion Ratio Lower Upper

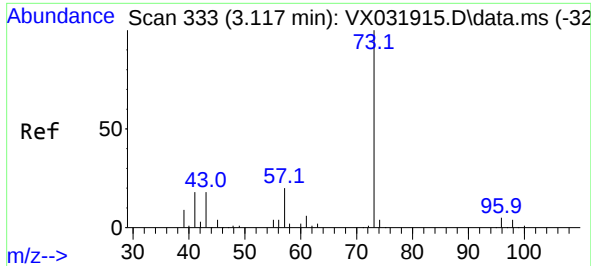
43 100

58 14.2 23.8 35.8#



Abundance





#19

Methyl tert-butyl Ether

Concen: 1.563 ug/l

RT: 3.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX031970.D

Acq: 07 Oct 2022 18:18

Instrument :

MSVOA\_X

ClientSampleId :

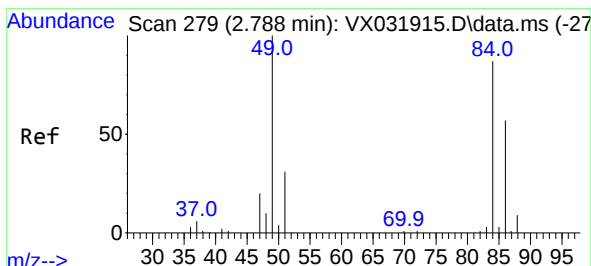
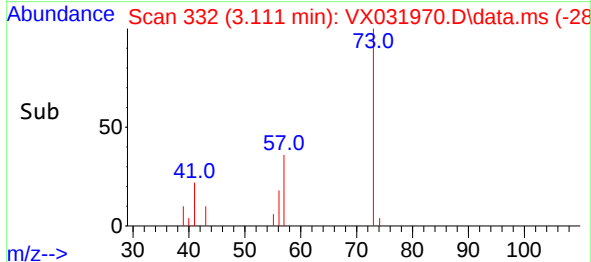
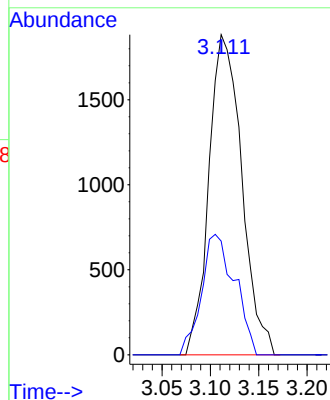
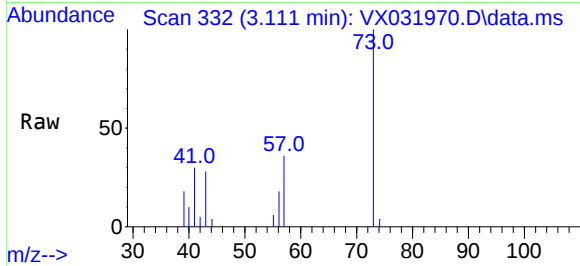
DUP092722DL

Tgt Ion: 73 Resp: 4440

Ion Ratio Lower Upper

73 100

57 35.5 17.2 25.8#



#20

Methylene Chloride

Concen: 0.254 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX031970.D

Acq: 07 Oct 2022 18:18

Tgt Ion: 84 Resp: 260

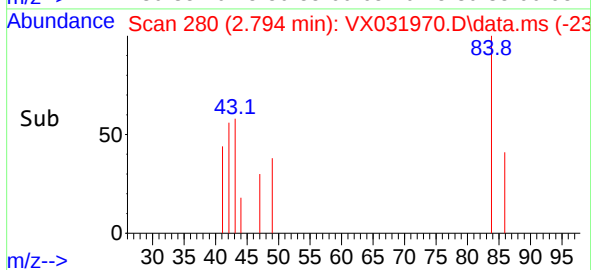
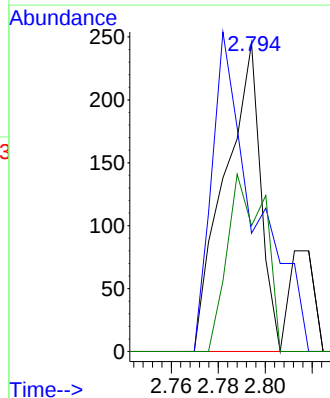
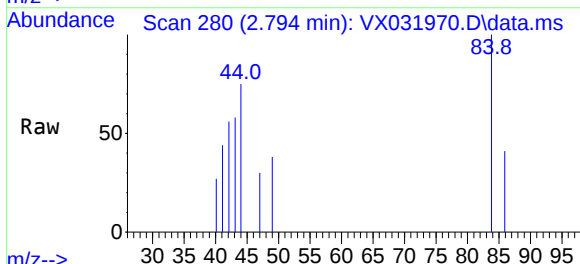
Ion Ratio Lower Upper

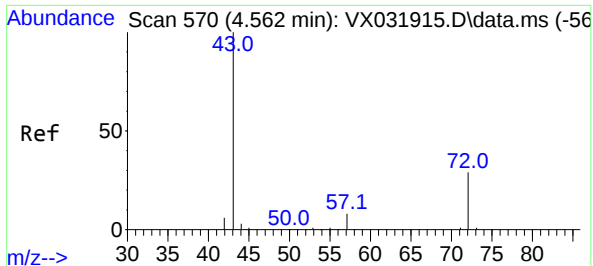
84 100

49 38.4 105.9 158.9#

51 0.0 32.2 48.2#

86 40.8 50.8 76.2#





#25

2-Butanone

Concen: 0.466 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX031970.D

Acq: 07 Oct 2022 18:18

Instrument :

MSVOA\_X

ClientSampleId :

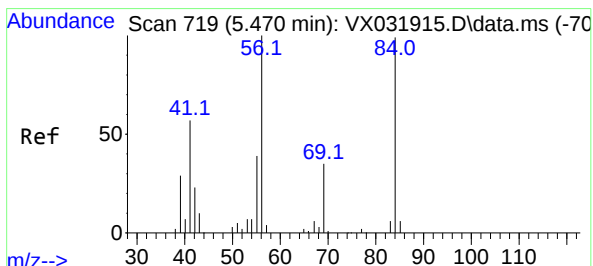
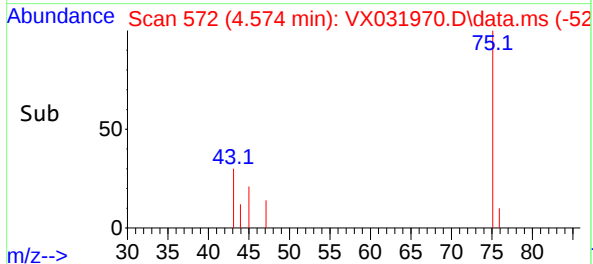
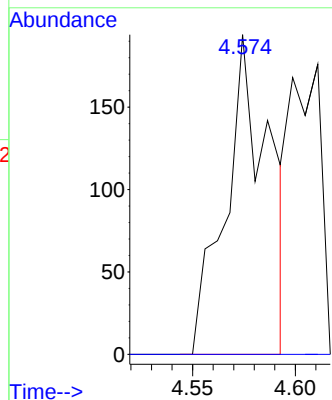
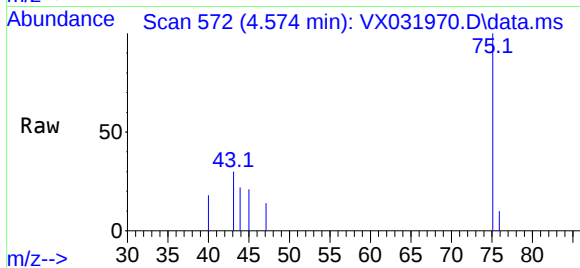
DUP092722DL

Tgt Ion: 43 Resp: 284

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#31

Cyclohexane

Concen: 1.241 ug/l

RT: 5.470 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX031970.D

Acq: 07 Oct 2022 18:18

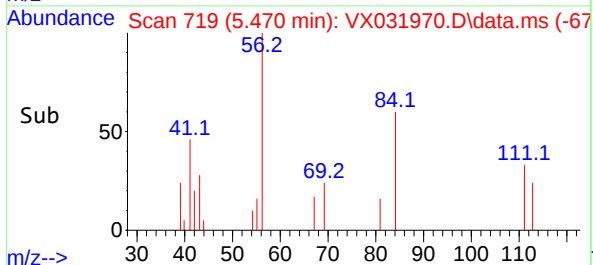
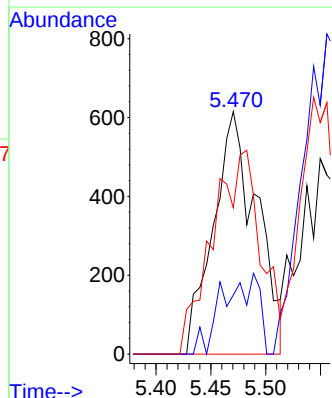
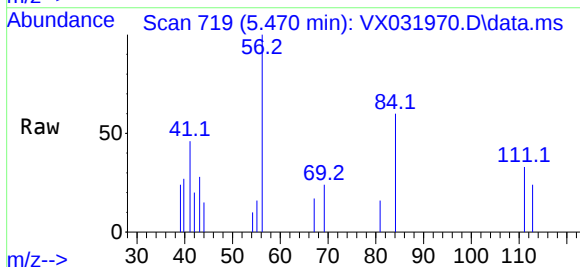
Tgt Ion: 56 Resp: 1702

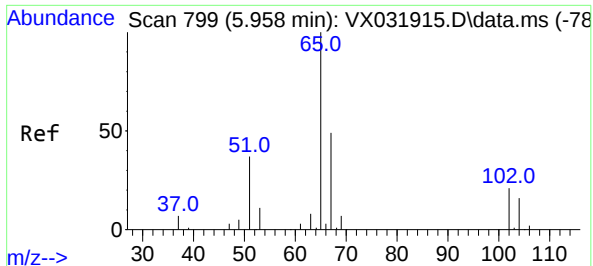
Ion Ratio Lower Upper

56 100

69 24.4 25.1 37.7#

84 60.3 70.2 105.4#

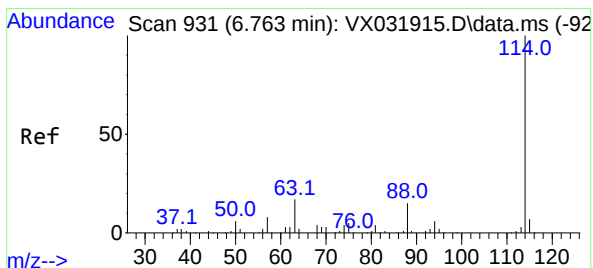
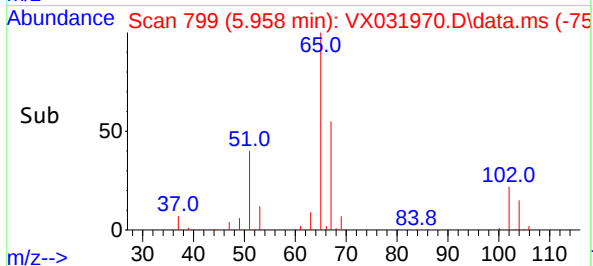
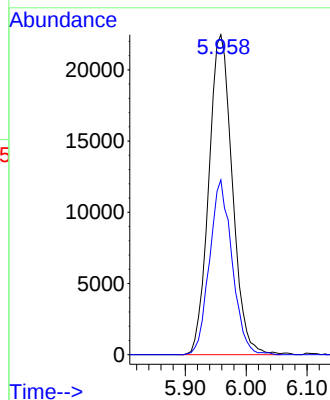
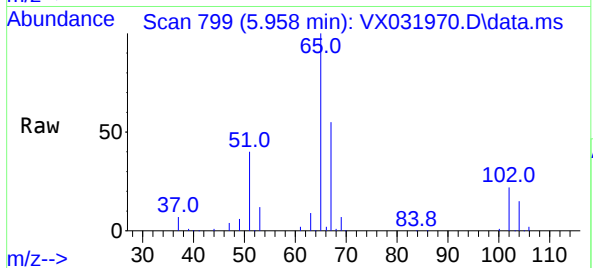




#33  
1,2-Dichloroethane-d4  
Concen: 52.573 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

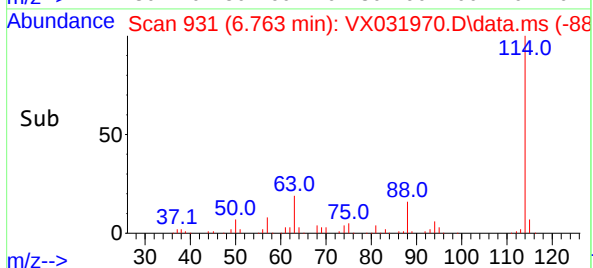
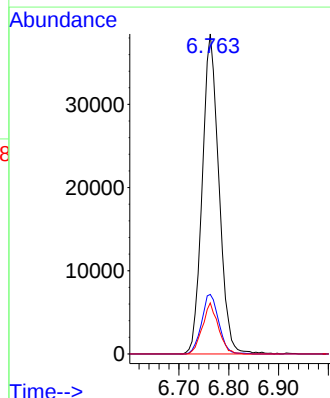
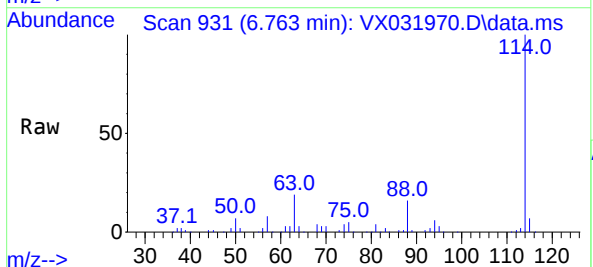
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL

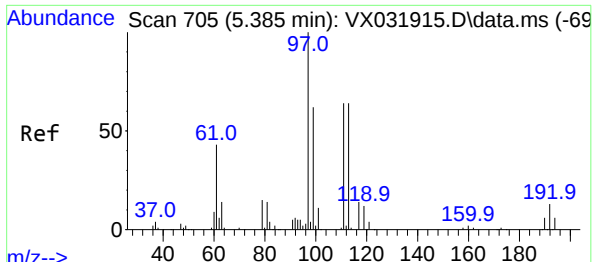
Tgt Ion: 65 Resp: 60344  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 102.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Tgt Ion: 114 Resp: 89092  
Ion Ratio Lower Upper  
114 100  
63 18.6 0.0 42.6  
88 15.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.024 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX031970.D

Acq: 07 Oct 2022 18:18

Instrument :

MSVOA\_X

ClientSampleId :

DUP092722DL

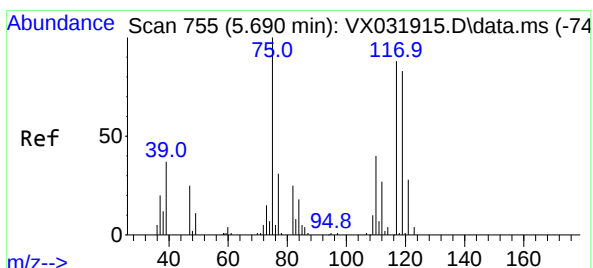
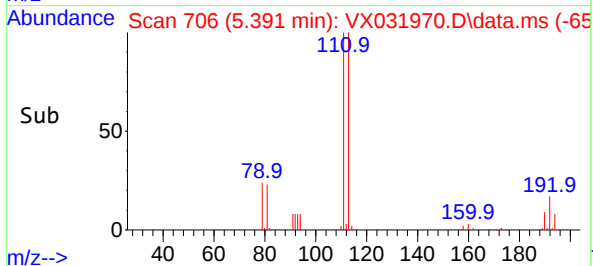
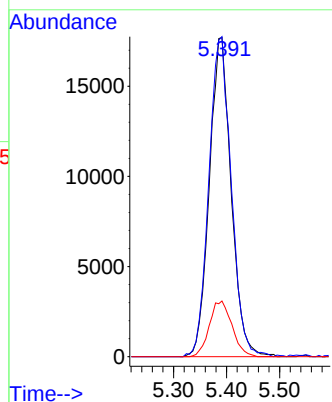
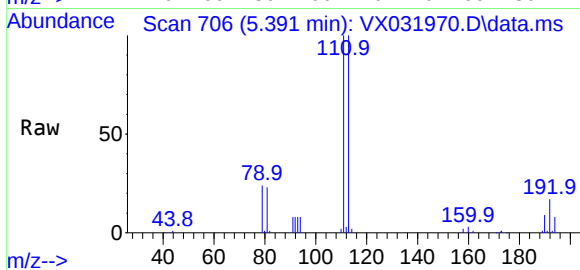
Tgt Ion:113 Resp: 50448

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 18.2 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.228 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX031970.D

Acq: 07 Oct 2022 18:18

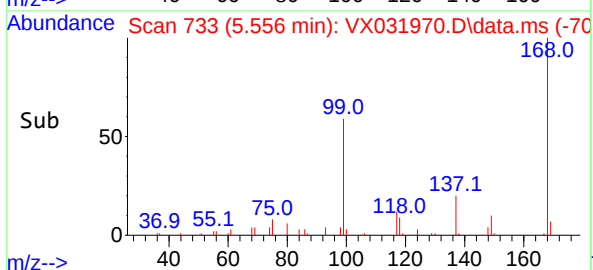
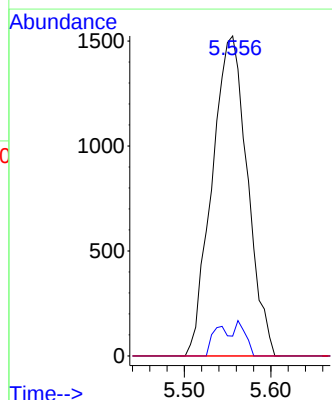
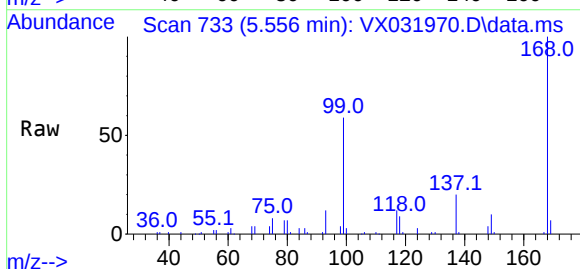
Tgt Ion: 75 Resp: 4317

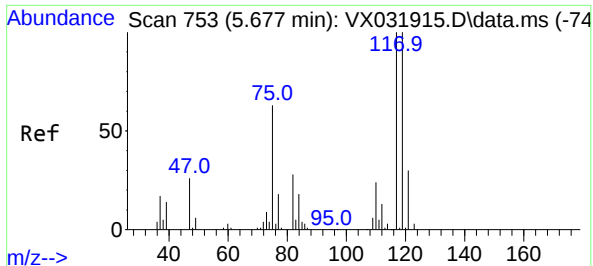
Ion Ratio Lower Upper

75 100

110 3.1 17.5 52.5#

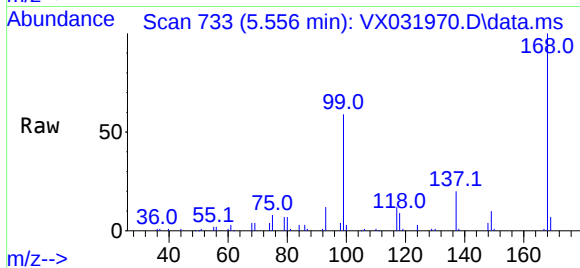
77 0.0 24.9 37.3#



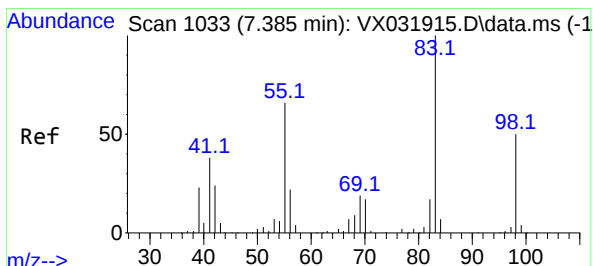
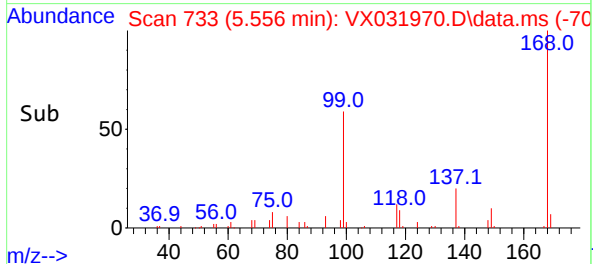
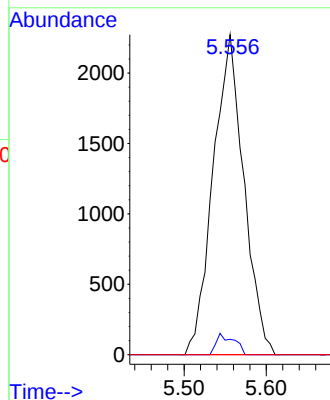


#38  
Carbon Tetrachloride  
Concen: 4.320 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.121 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL

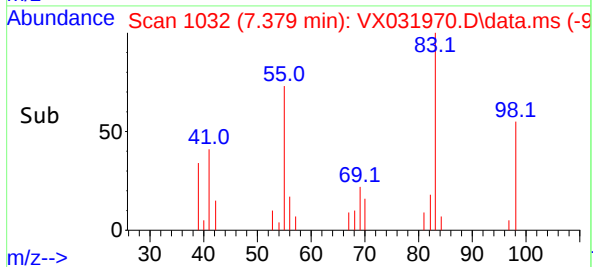
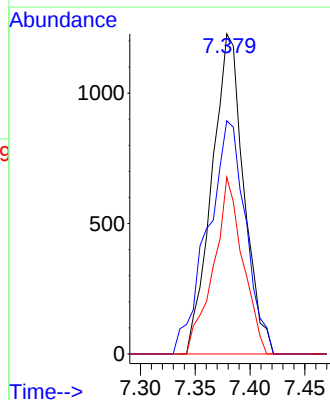
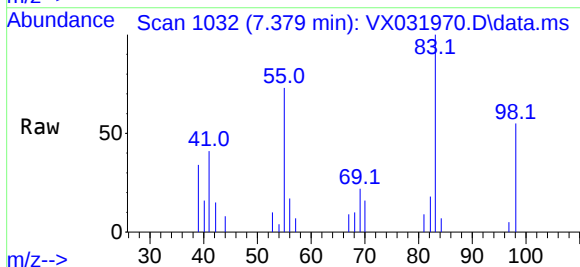


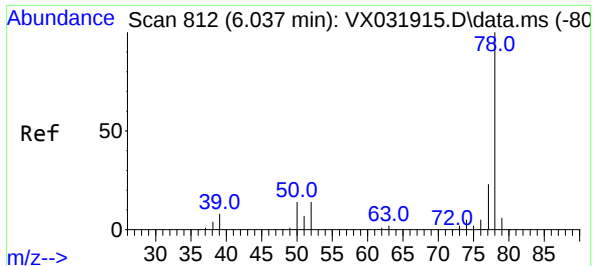
Tgt Ion:117 Resp: 5907  
Ion Ratio Lower Upper  
117 100  
119 4.8 74.6 112.0#  
121 0.0 25.3 37.9#



#39  
Methylcyclohexane  
Concen: 1.563 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Tgt Ion: 83 Resp: 2493  
Ion Ratio Lower Upper  
83 100  
55 72.9 61.0 91.4  
98 55.2 37.7 56.5





#40

Benzene

Concen: 4.043 ug/l

RT: 6.044 min Scan# 812

Delta R.T. 0.007 min

Lab File: VX031970.D

Acq: 07 Oct 2022 18:18

Instrument :

MSVOA\_X

ClientSampleId :

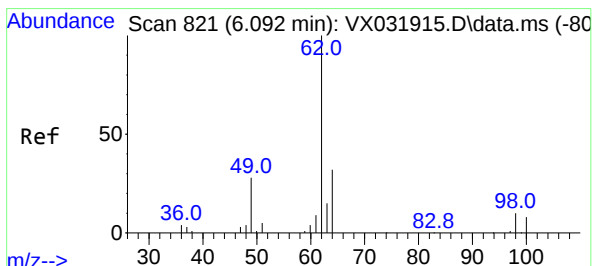
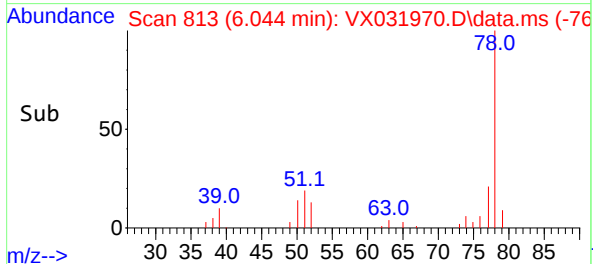
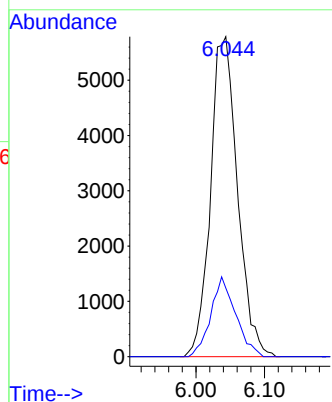
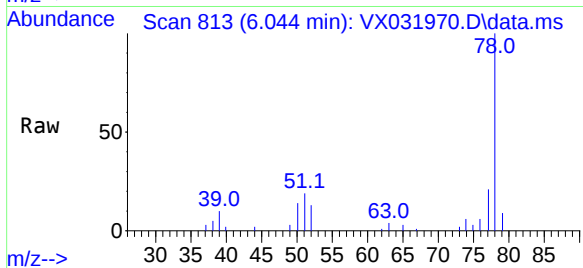
DUP092722DL

Tgt Ion: 78 Resp: 15831

Ion Ratio Lower Upper

78 100

77 21.4 18.7 28.1



#42

1,2-Dichloroethane

Concen: 0.358 ug/l

RT: 6.098 min Scan# 822

Delta R.T. 0.006 min

Lab File: VX031970.D

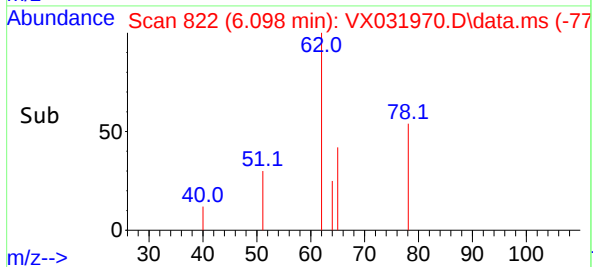
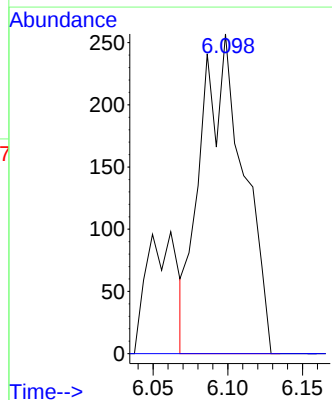
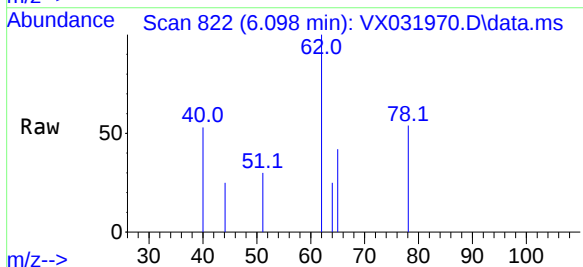
Acq: 07 Oct 2022 18:18

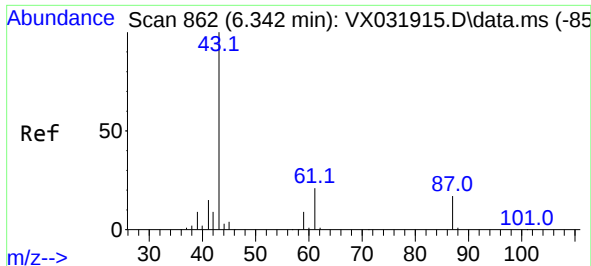
Tgt Ion: 62 Resp: 511

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.8

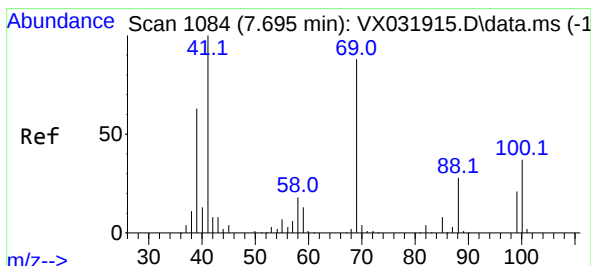
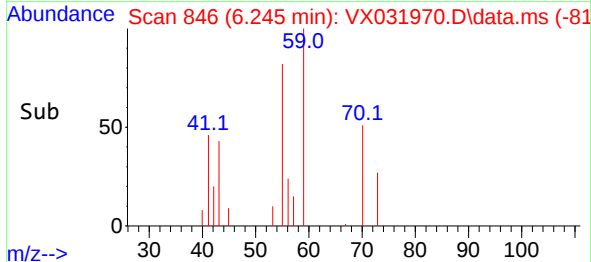
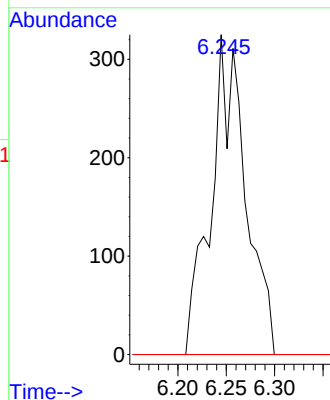
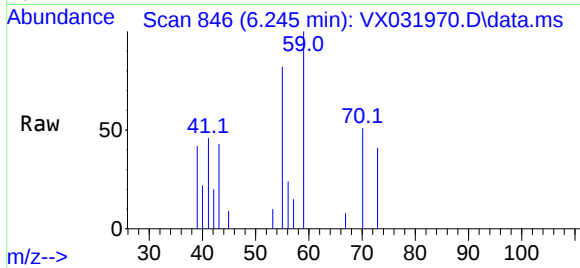




#43  
Isopropyl Acetate  
Concen: 0.423 ug/l  
RT: 6.245 min Scan# 84  
Delta R.T. -0.097 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

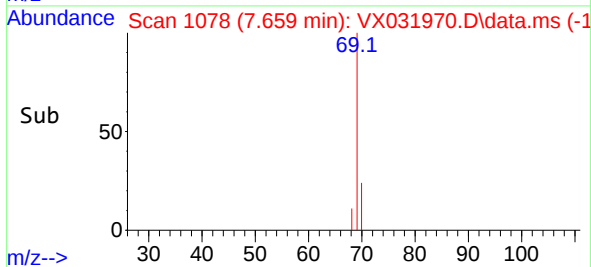
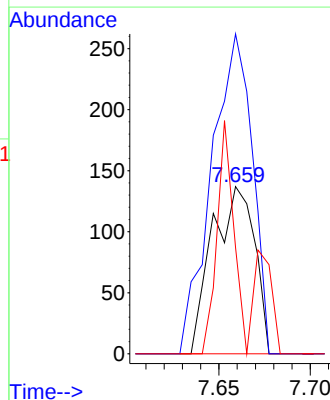
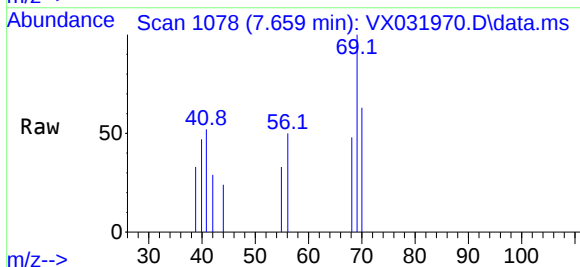
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL

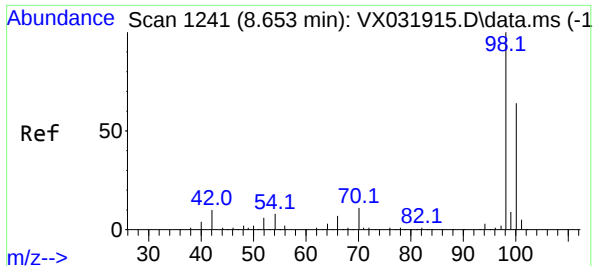
Tgt Ion: 43 Resp: 808  
Ion Ratio Lower Upper  
43 100  
61 0.0 15.3 22.9#  
87 0.0 10.6 15.8#



#48  
Methyl methacrylate  
Concen: 0.241 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. -0.036 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Tgt Ion: 41 Resp: 220  
Ion Ratio Lower Upper  
41 100  
69 185.0 64.6 96.8#  
39 55.0 51.4 77.0





#50

Toluene-d8

Concen: 50.471 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031970.D

Acq: 07 Oct 2022 18:18

Instrument :

MSVOA\_X

ClientSampleId :

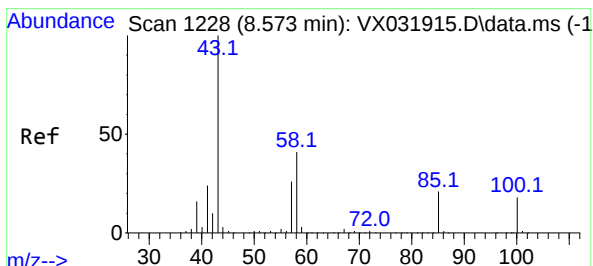
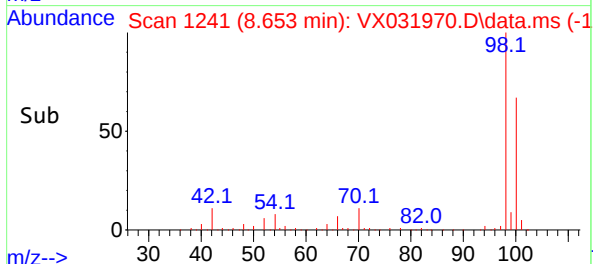
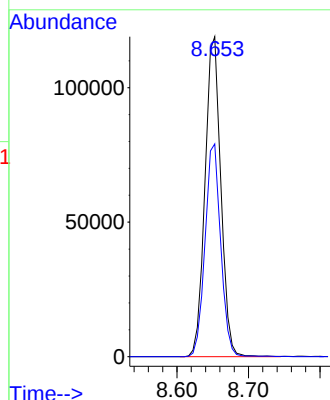
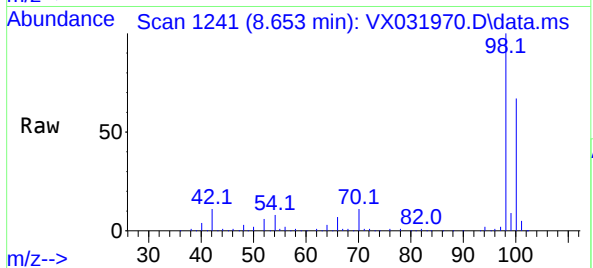
DUP092722DL

Tgt Ion: 98 Resp: 183151

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.292 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.007 min

Lab File: VX031970.D

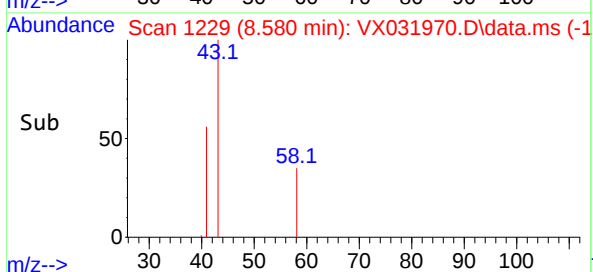
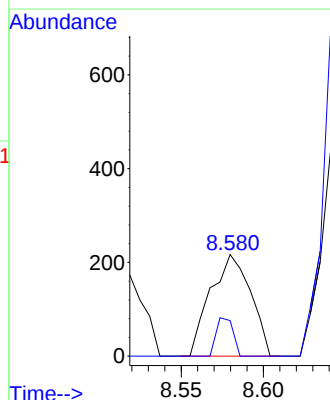
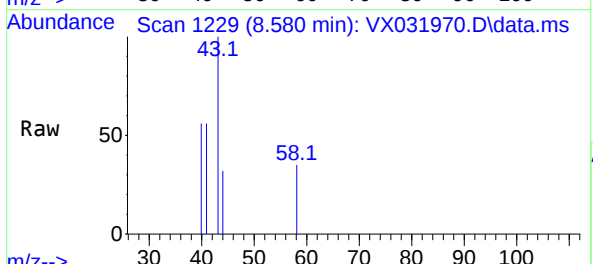
Acq: 07 Oct 2022 18:18

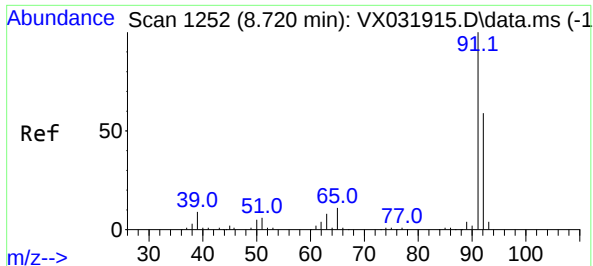
Tgt Ion: 43 Resp: 369

Ion Ratio Lower Upper

43 100

58 15.7 30.6 46.0#

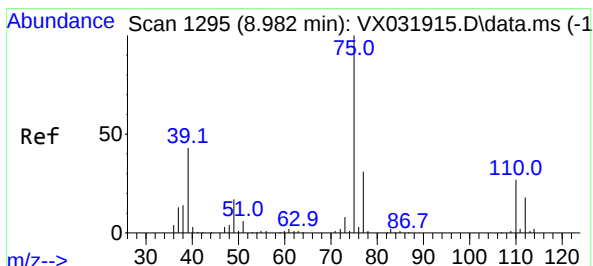
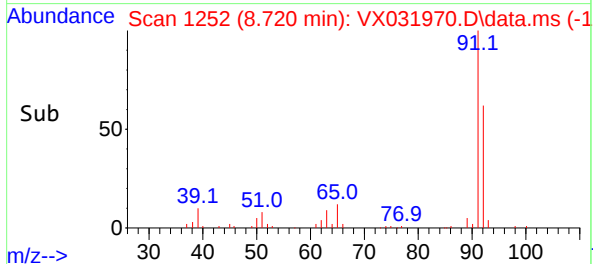
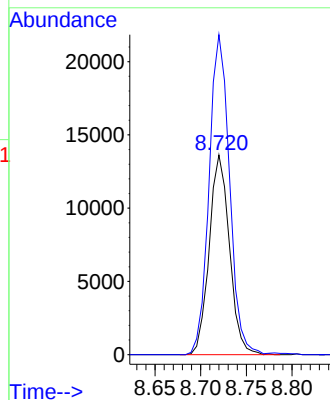
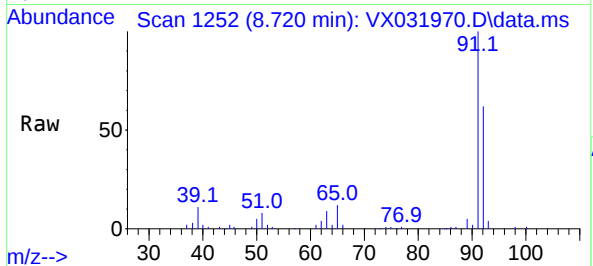




#52  
Toluene  
Concen: 8.188 ug/l  
RT: 8.720 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

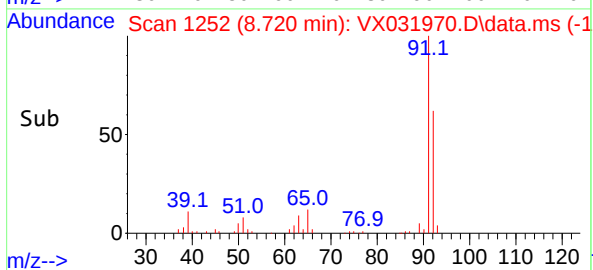
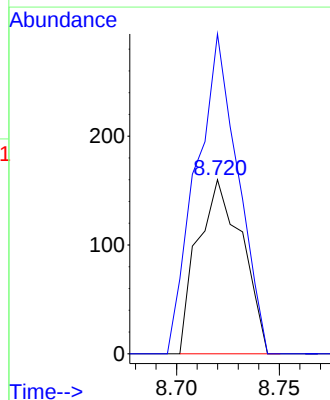
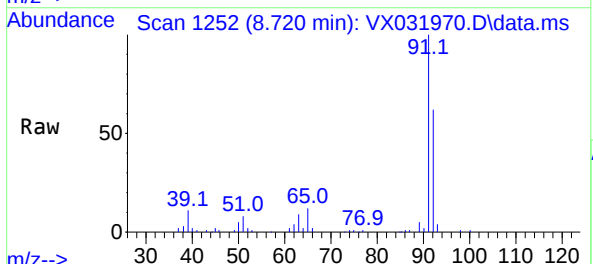
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL

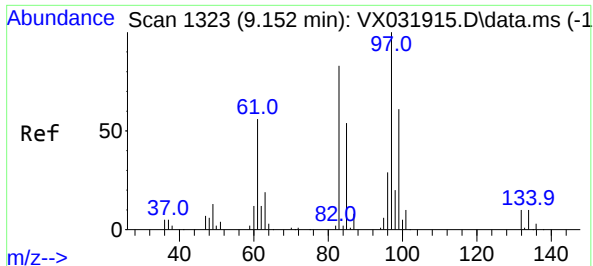
Tgt Ion: 92 Resp: 20965  
Ion Ratio Lower Upper  
92 100  
91 161.7 137.1 205.7



#53  
t-1,3-Dichloropropene  
Concen: 1.376 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.262 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Tgt Ion: 75 Resp: 240  
Ion Ratio Lower Upper  
75 100  
77 183.8 24.8 37.2#



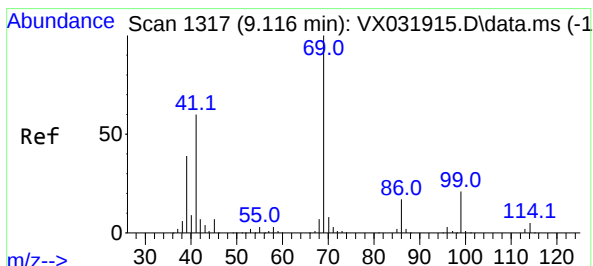
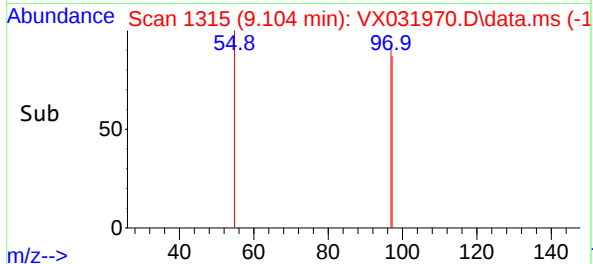
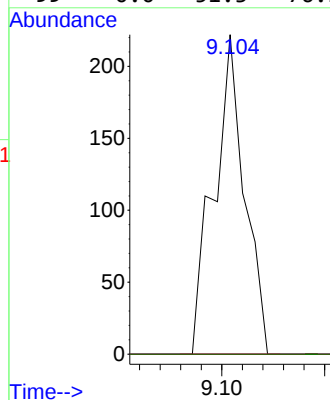
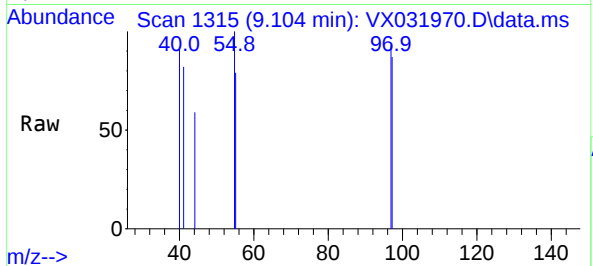


#55  
1,1,2-Trichloroethane  
Concen: 0.213 ug/l  
RT: 9.104 min Scan# 11  
Delta R.T. -0.048 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL

Tgt Ion: 97 Resp: 230

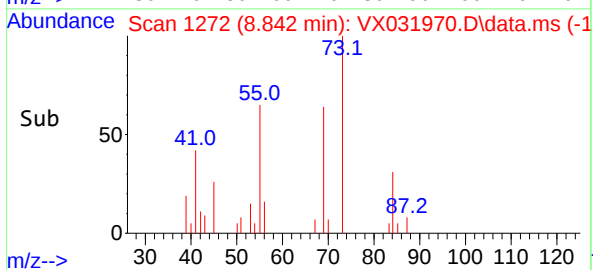
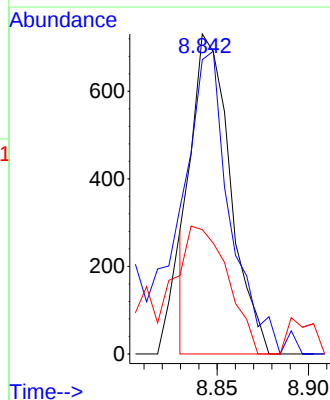
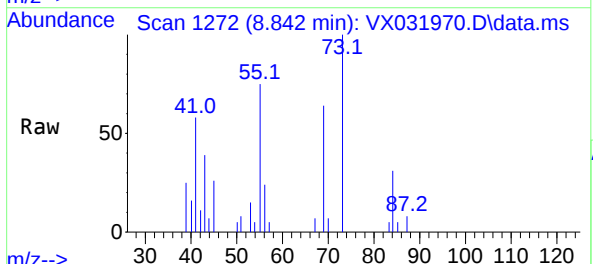
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 97  | 100   |       |        |
| 83  | 0.0   | 69.0  | 103.6# |
| 85  | 0.0   | 44.1  | 66.1#  |
| 99  | 0.0   | 51.3  | 76.9#  |

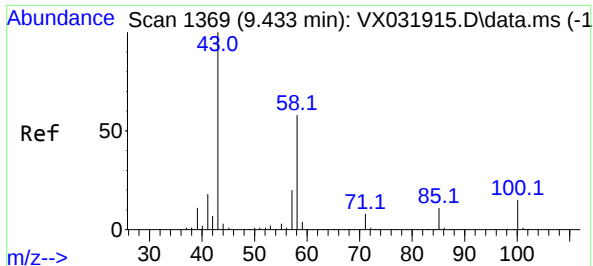


#56  
Ethyl methacrylate  
Concen: 0.770 ug/l  
RT: 8.842 min Scan# 1272  
Delta R.T. -0.274 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Tgt Ion: 69 Resp: 1067

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 96.3  | 54.2  | 81.4# |
| 39  | 42.3  | 34.2  | 51.2  |





#59

2-Hexanone

Concen: 0.880 ug/l

RT: 9.445 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX031970.D

Acq: 07 Oct 2022 18:18

Instrument :

MSVOA\_X

ClientSampleId :

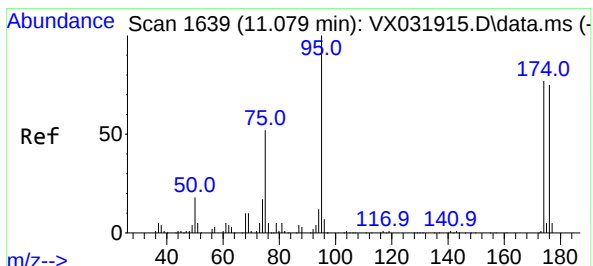
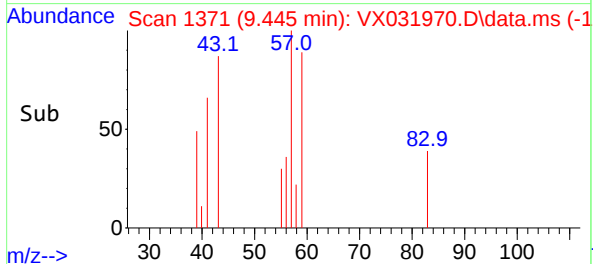
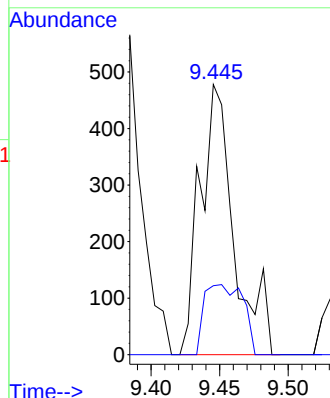
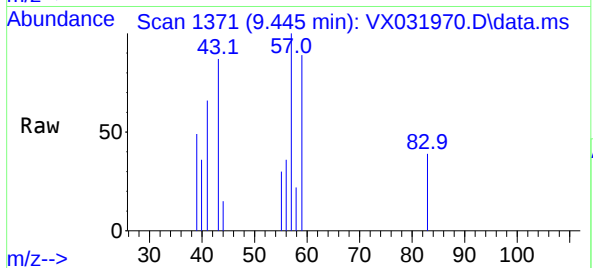
DUP092722DL

Tgt Ion: 43 Resp: 821

Ion Ratio Lower Upper

43 100

58 29.7 26.7 80.0



#62

4-Bromofluorobenzene

Concen: 50.432 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031970.D

Acq: 07 Oct 2022 18:18

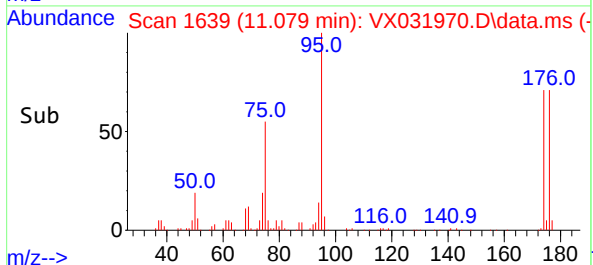
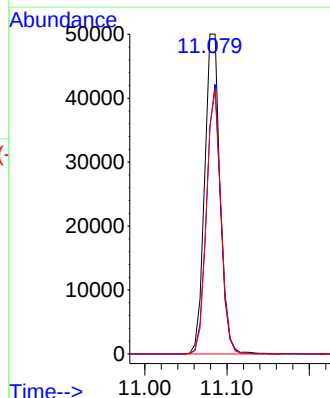
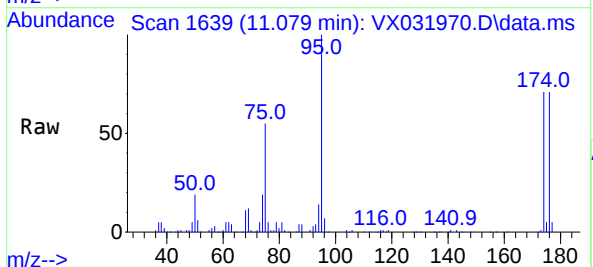
Tgt Ion: 95 Resp: 64699

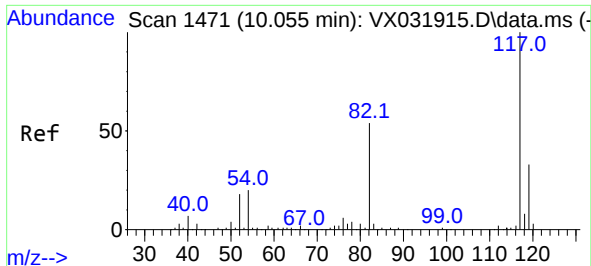
Ion Ratio Lower Upper

95 100

174 78.8 0.0 153.2

176 77.8 0.0 144.0

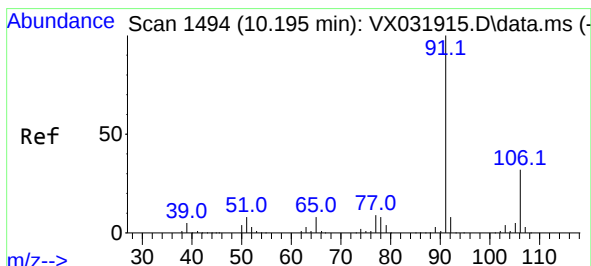
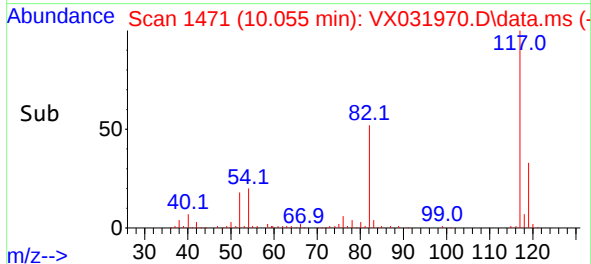
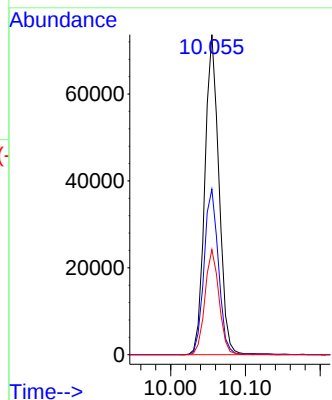
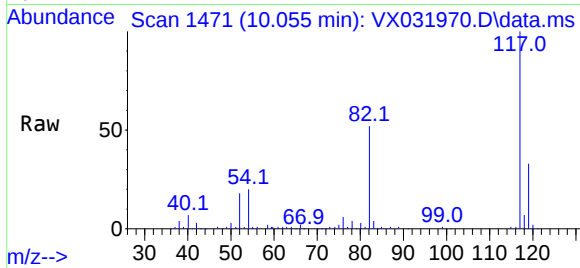




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

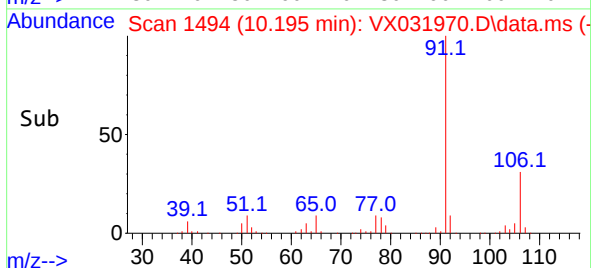
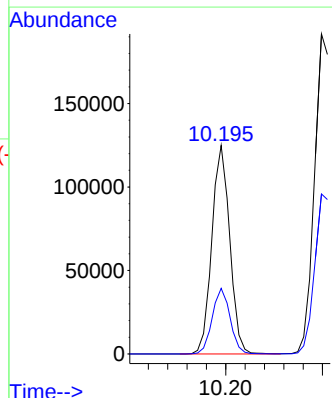
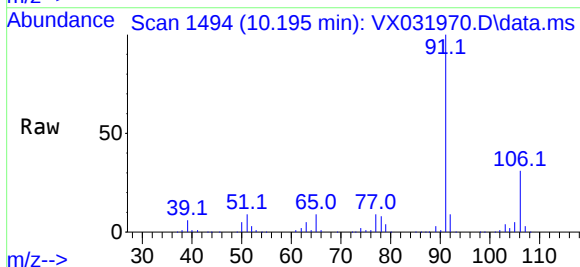
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL

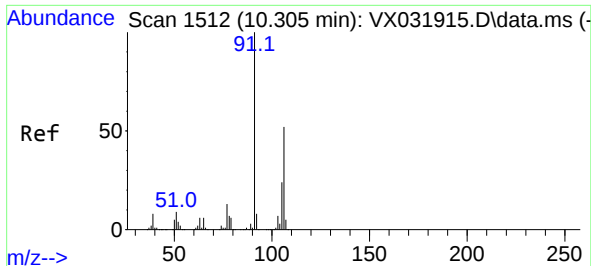
Tgt Ion:117 Resp: 96308  
Ion Ratio Lower Upper  
117 100  
82 51.7 46.8 70.2  
119 32.9 26.4 39.6



#67  
Ethyl Benzene  
Concen: 32.526 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Tgt Ion: 91 Resp: 160572  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.2 37.8

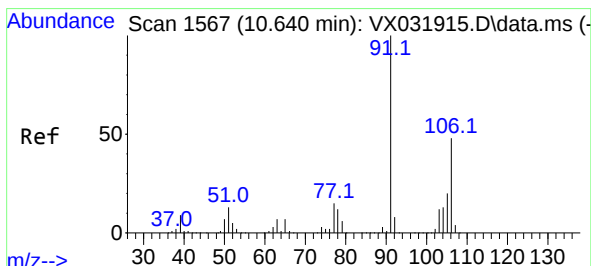
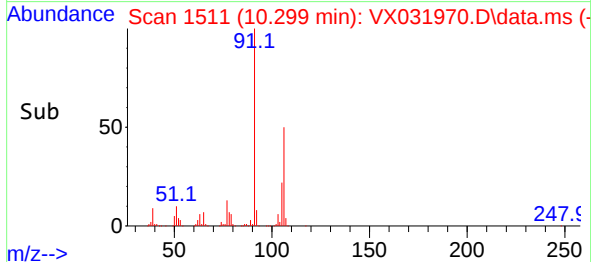
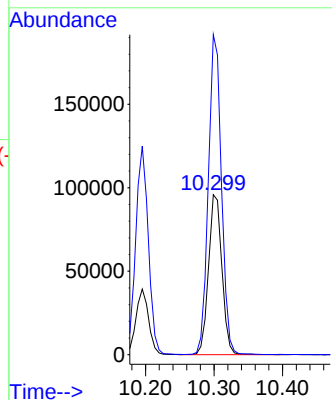
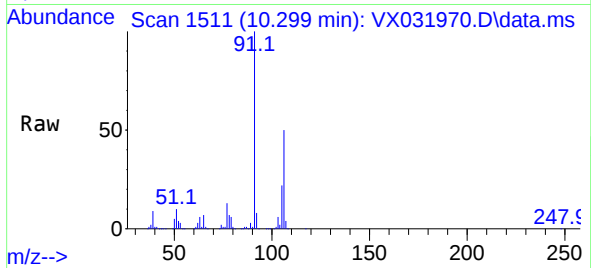




#68  
m/p-Xylenes  
Concen: 66.445 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.006 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

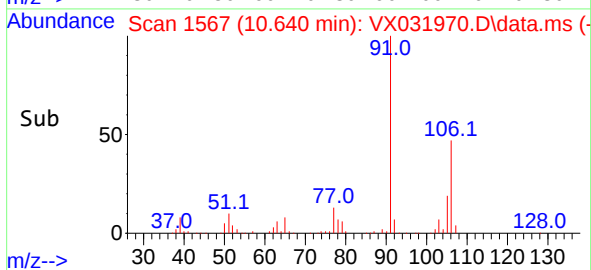
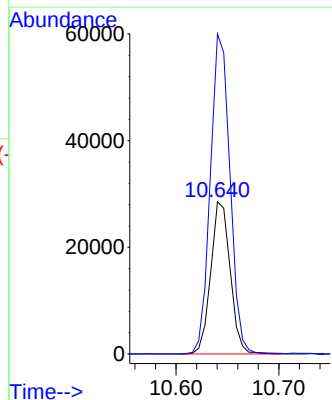
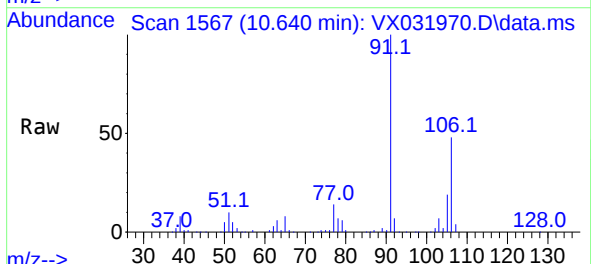
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL

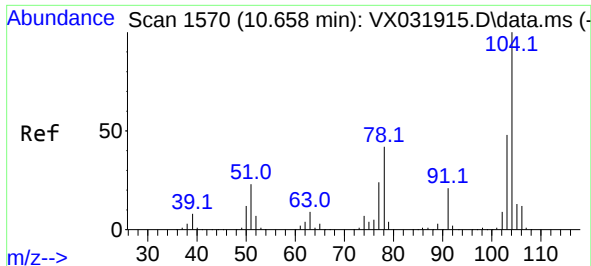
Tgt Ion:106 Resp: 130351  
Ion Ratio Lower Upper  
106 100  
91 195.7 161.0 241.4



#69  
o-Xylene  
Concen: 19.607 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Tgt Ion:106 Resp: 37387  
Ion Ratio Lower Upper  
106 100  
91 213.3 107.2 321.6

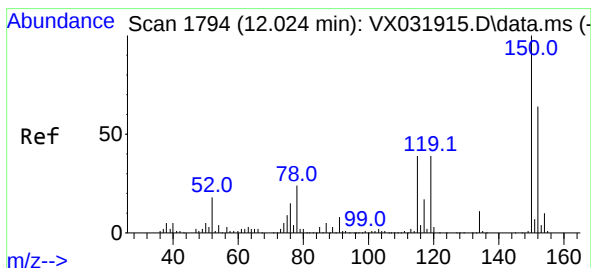
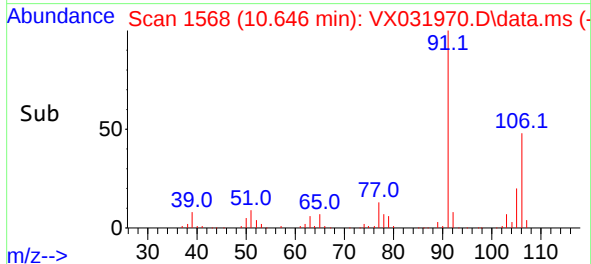
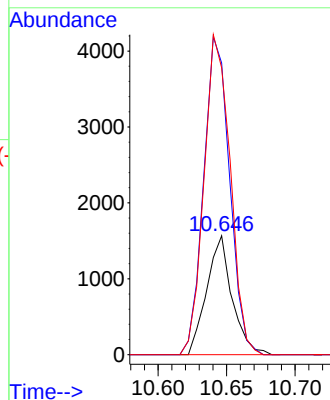
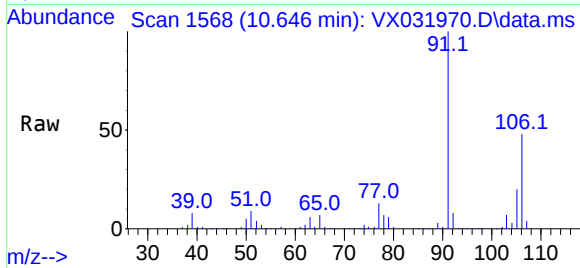




#70  
Styrene  
Concen: 0.662 ug/l  
RT: 10.646 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

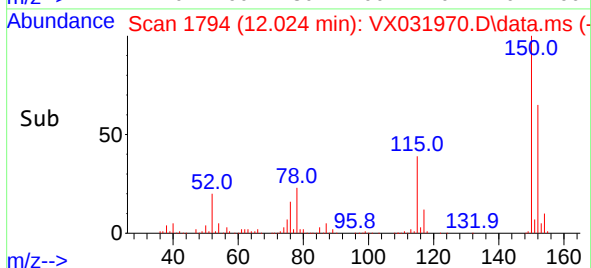
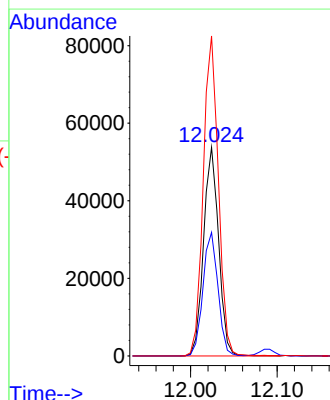
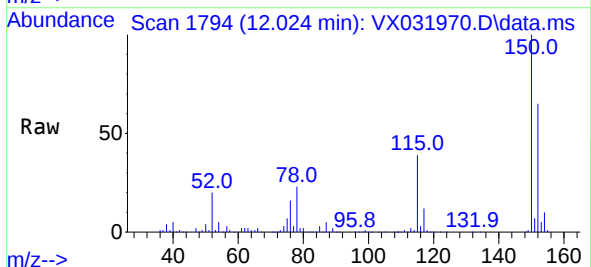
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL

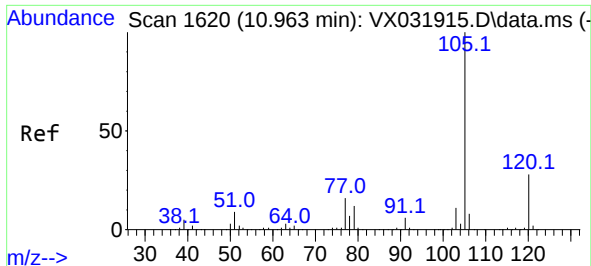
Tgt Ion:104 Resp: 2018  
Ion Ratio Lower Upper  
104 100  
78 273.6 41.4 62.2#  
103 277.6 43.8 65.8#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Tgt Ion:152 Resp: 64728  
Ion Ratio Lower Upper  
152 100  
115 59.4 43.4 130.1  
150 154.4 0.0 346.8

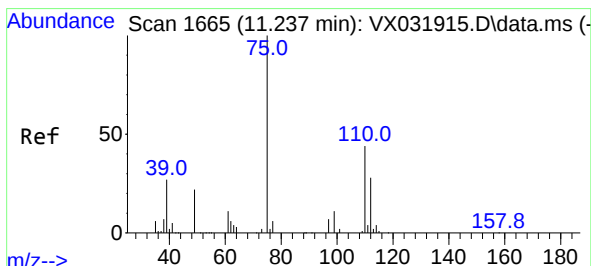
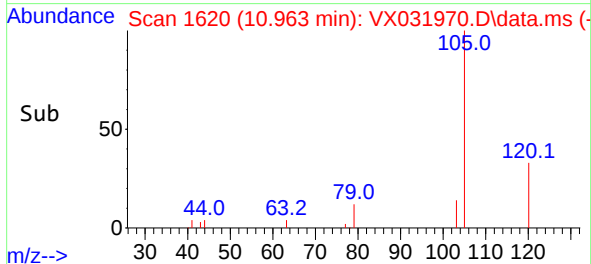
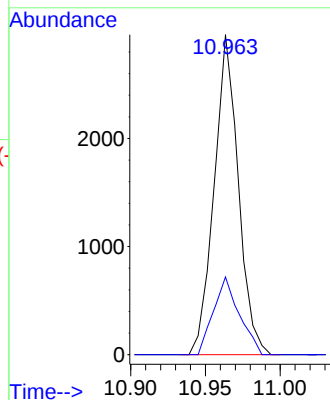
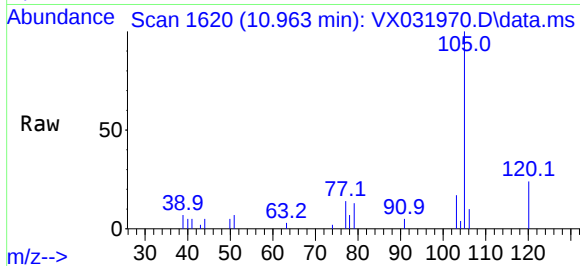




#73  
Isopropylbenzene  
Concen: 0.681 ug/l  
RT: 10.963 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

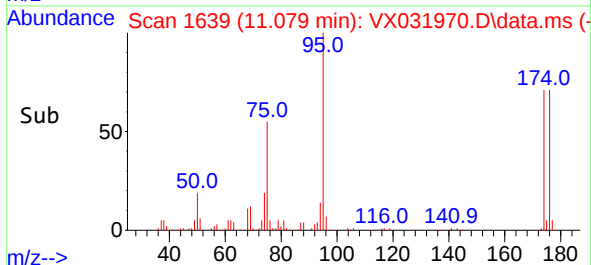
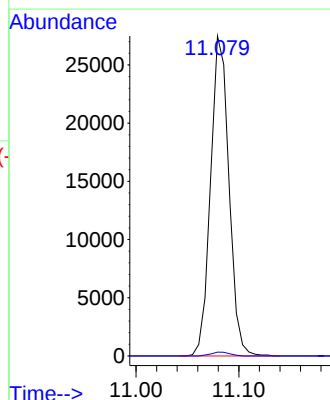
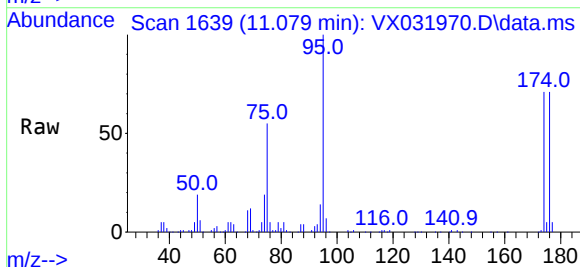
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL

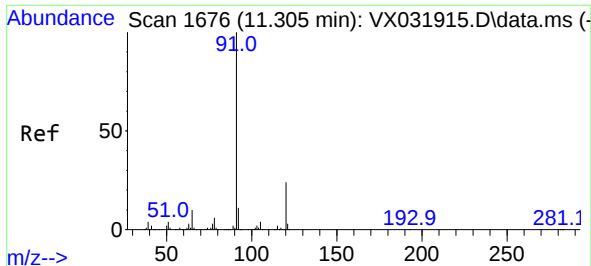
Tgt Ion:105 Resp: 3323  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.7 41.0



#76  
1,2,3-Trichloropropane  
Concen: 25.686 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Tgt Ion: 75 Resp: 34075  
Ion Ratio Lower Upper  
75 100  
77 1.2 20.3 60.9#

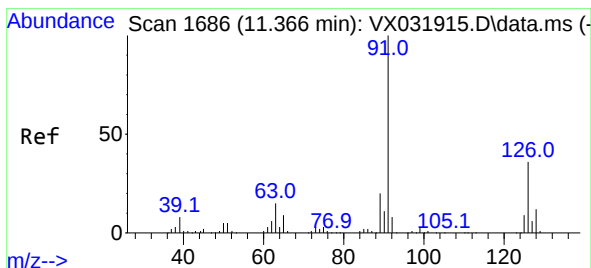
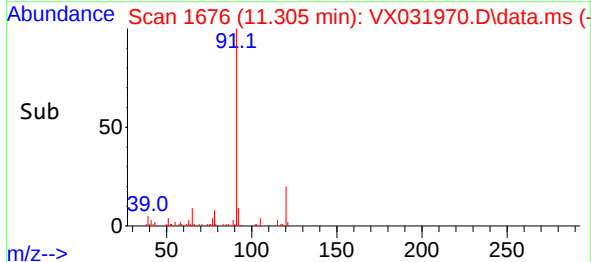
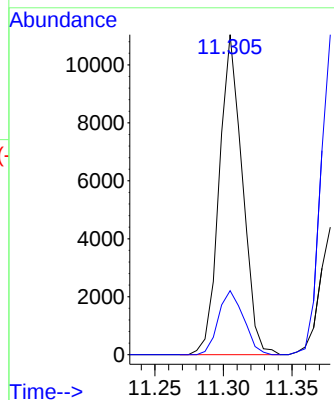
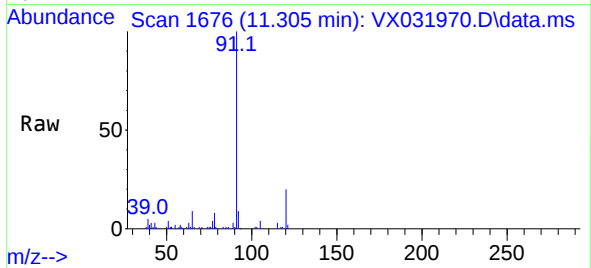




#78  
n-propylbenzene  
Concen: 2.330 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

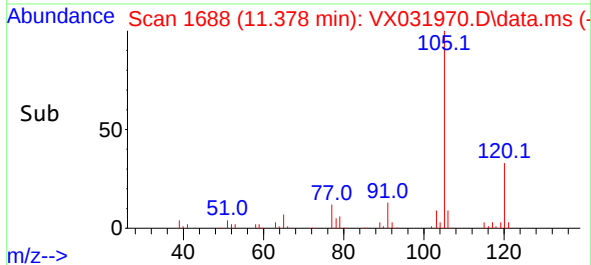
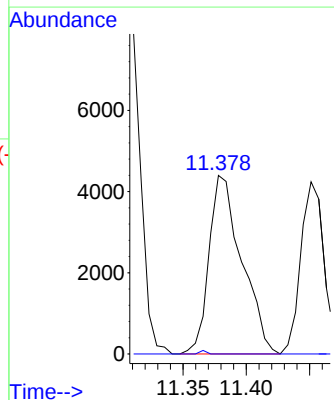
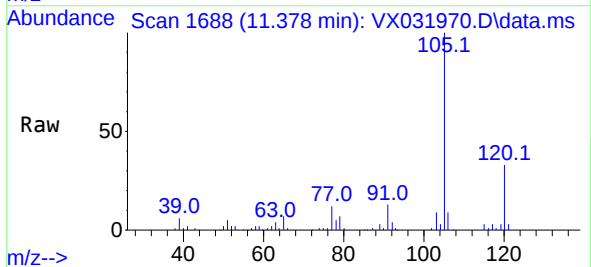
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL

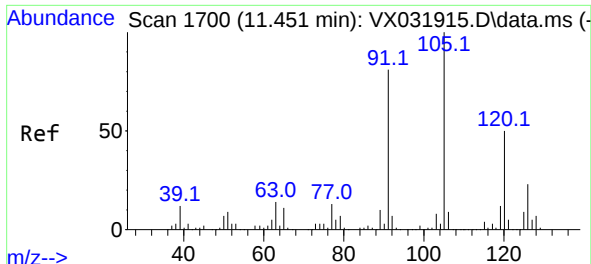
Tgt Ion: 91 Resp: 12936  
Ion Ratio Lower Upper  
91 100  
120 21.9 11.8 35.4



#79  
2-Chlorotoluene  
Concen: 2.373 ug/l  
RT: 11.378 min Scan# 1688  
Delta R.T. 0.012 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Tgt Ion: 91 Resp: 7931  
Ion Ratio Lower Upper  
91 100  
126 0.4 17.4 52.3#

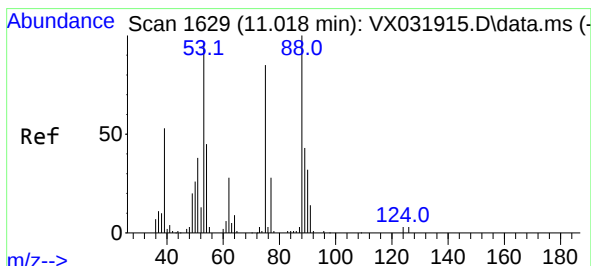
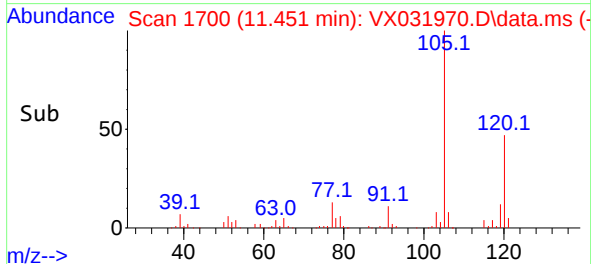
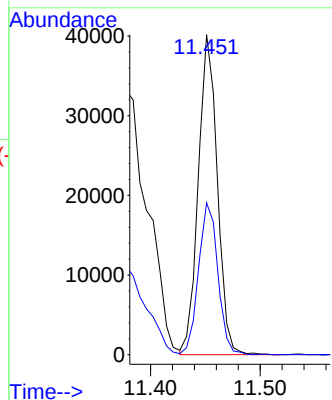
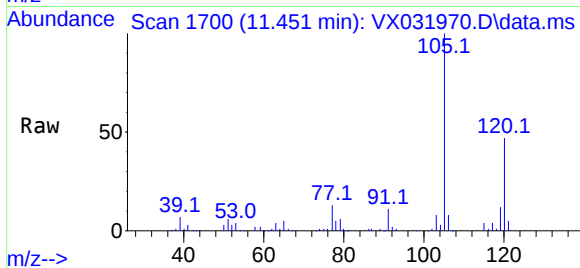




#80  
1,3,5-Trimethylbenzene  
Concen: 11.956 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

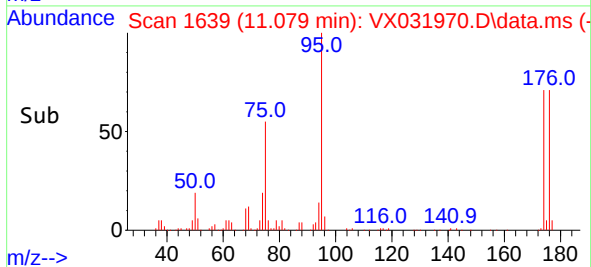
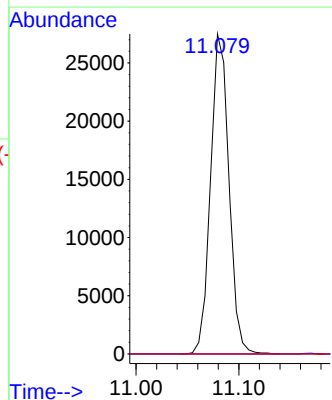
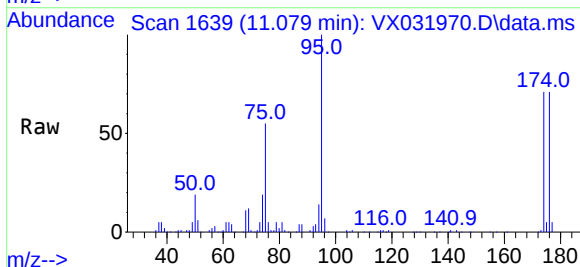
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL

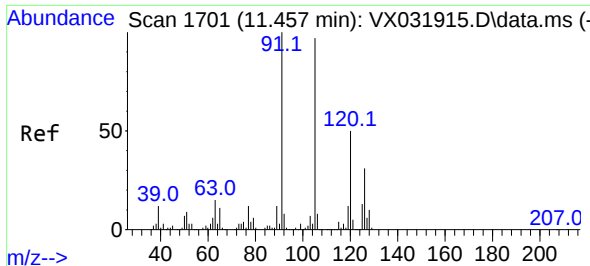
Tgt Ion:105 Resp: 48408  
Ion Ratio Lower Upper  
105 100  
120 48.3 24.5 73.5



#81  
trans-1,4-Dichloro-2-butene  
Concen: 88.189 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Tgt Ion: 75 Resp: 34075  
Ion Ratio Lower Upper  
75 100  
53 0.0 77.6 116.4#  
89 0.0 37.4 56.0#

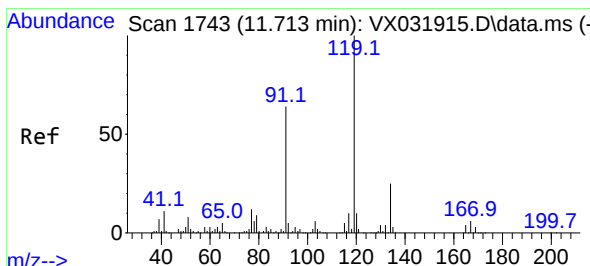
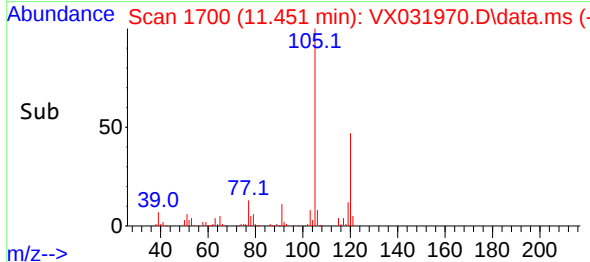
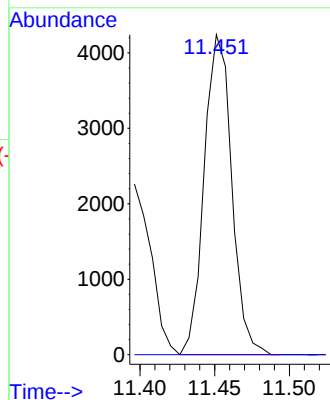
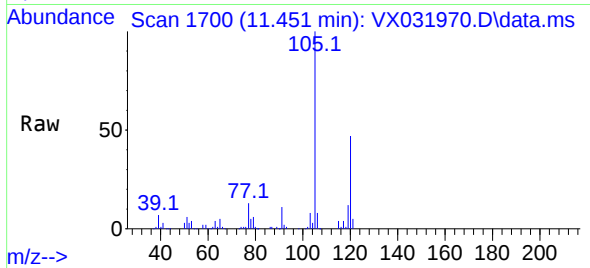




#82  
4-Chlorotoluene  
Concen: 1.419 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

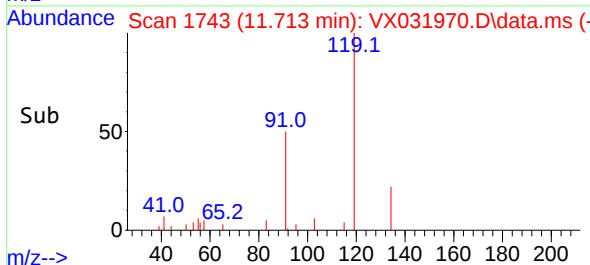
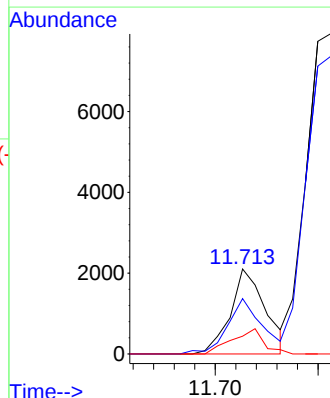
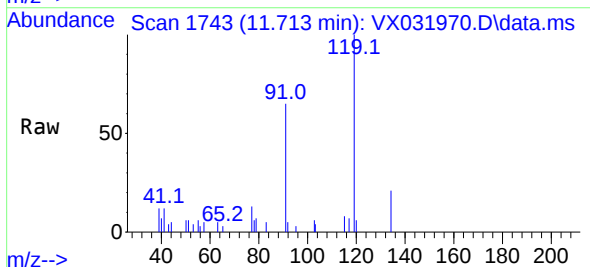
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL

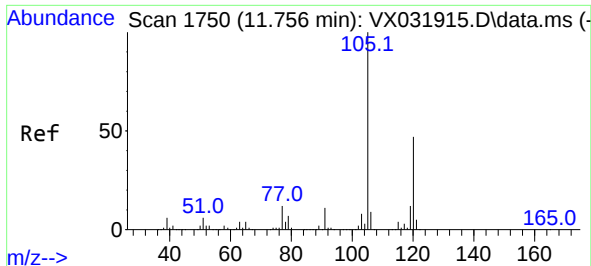
Tgt Ion: 91 Resp: 5432  
Ion Ratio Lower Upper  
91 100  
126 0.0 15.1 45.3#



#83  
tert-Butylbenzene  
Concen: 0.618 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Tgt Ion: 119 Resp: 2475  
Ion Ratio Lower Upper  
119 100  
91 64.8 29.2 87.6  
134 27.1 11.6 34.8

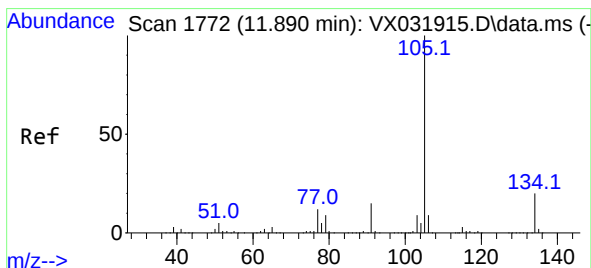
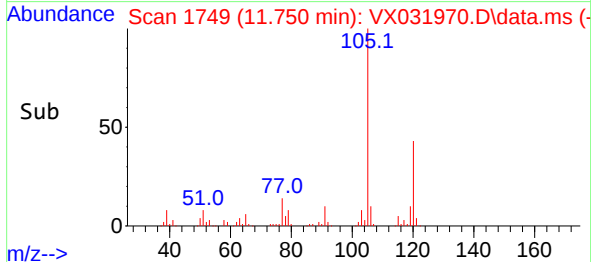
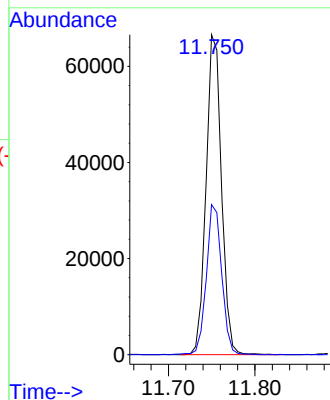
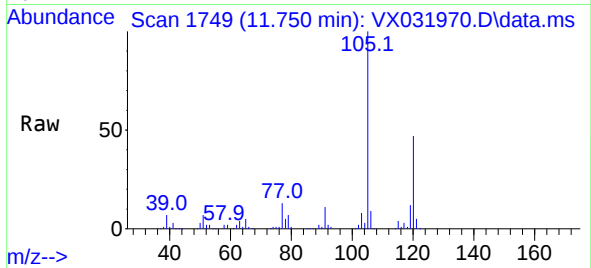




#84  
1,2,4-Trimethylbenzene  
Concen: 19.999 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.006 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

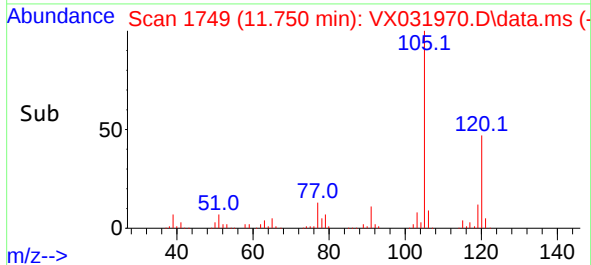
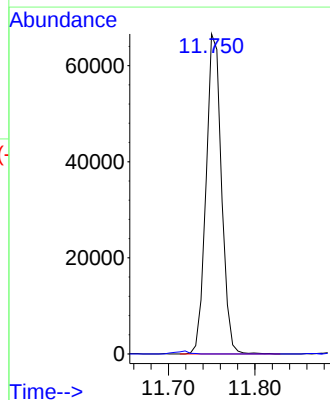
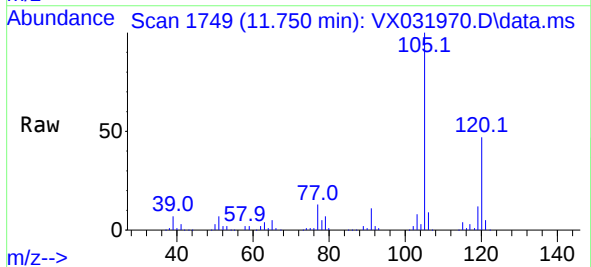
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL

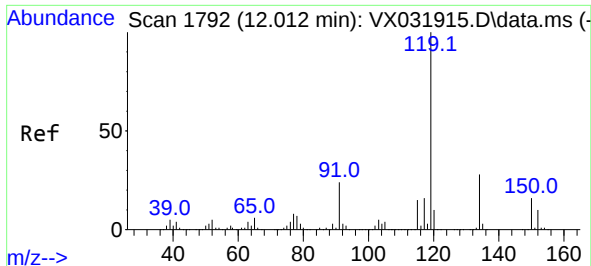
Tgt Ion:105 Resp: 82259  
Ion Ratio Lower Upper  
105 100  
120 46.9 22.6 67.8



#85  
sec-Butylbenzene  
Concen: 16.580 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.140 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Tgt Ion:105 Resp: 82259  
Ion Ratio Lower Upper  
105 100  
134 0.0 10.4 31.1#

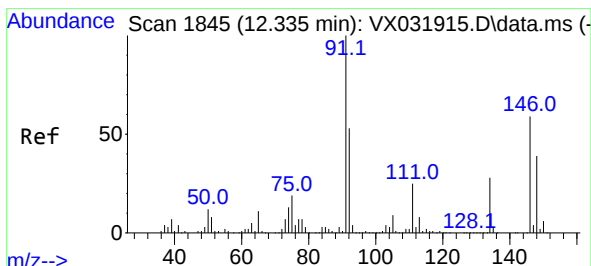
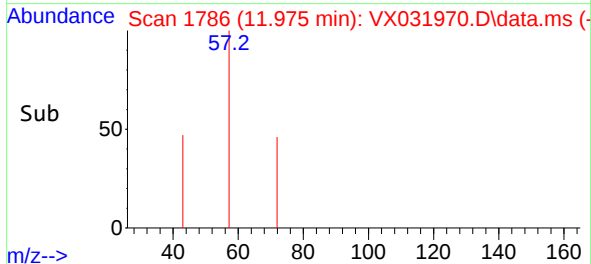
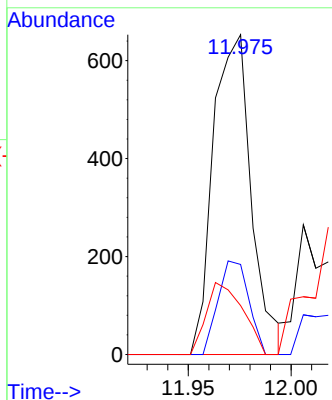
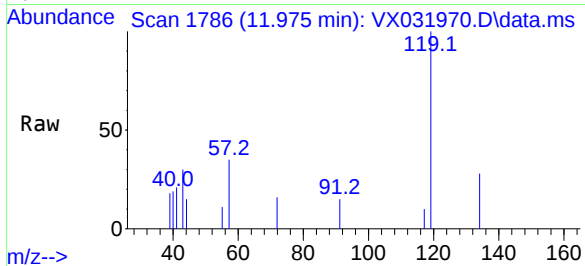




#86  
p-Isopropyltoluene  
Concen: 0.202 ug/l  
RT: 11.975 min Scan# 119  
Delta R.T. -0.037 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

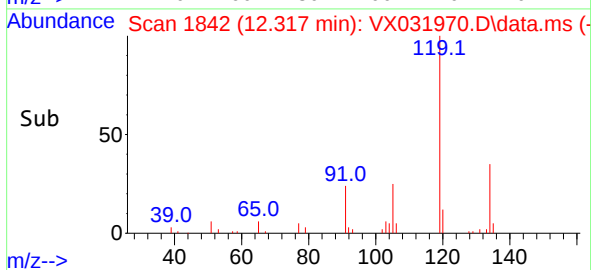
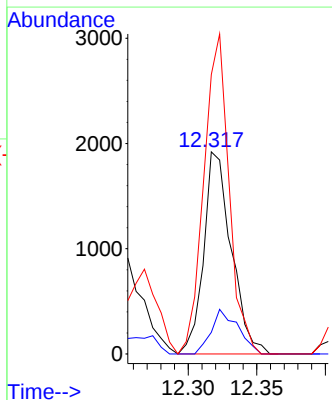
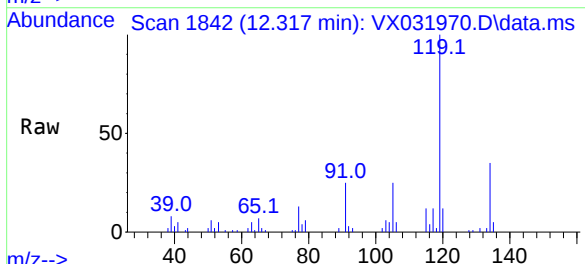
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL

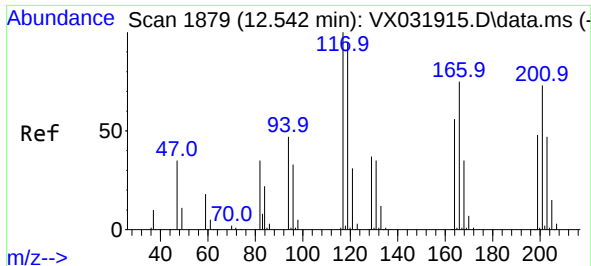
Tgt Ion:119 Resp: 842  
Ion Ratio Lower Upper  
119 100  
134 23.5 13.4 40.2  
91 0.0 12.4 37.2#



#89  
n-Butylbenzene  
Concen: 0.770 ug/l  
RT: 12.317 min Scan# 1842  
Delta R.T. -0.018 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Tgt Ion: 91 Resp: 2695  
Ion Ratio Lower Upper  
91 100  
92 21.3 27.0 81.0#  
134 144.2 13.3 39.9#

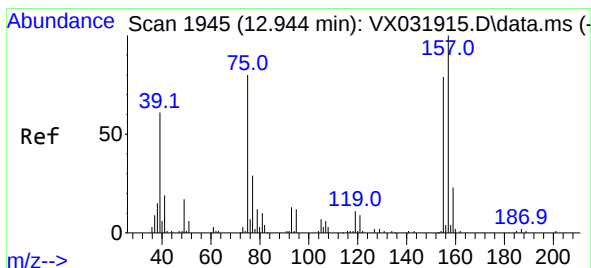
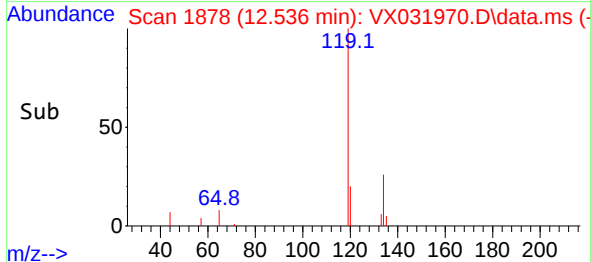
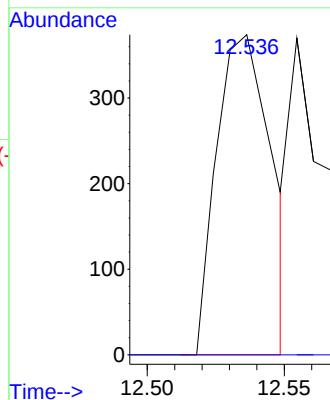
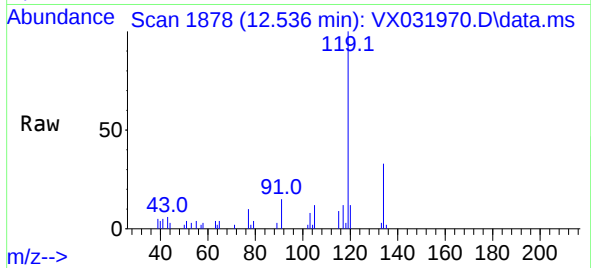




#90  
Hexachloroethane  
Concen: 2.066 ug/l  
RT: 12.536 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

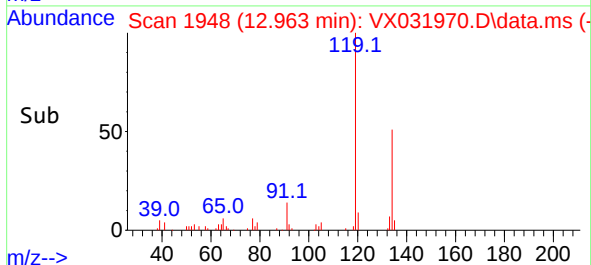
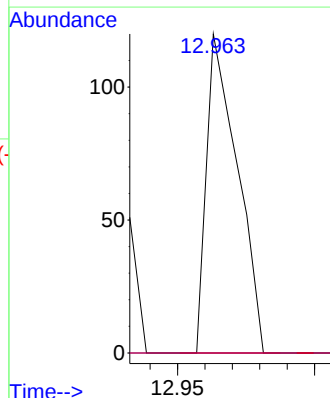
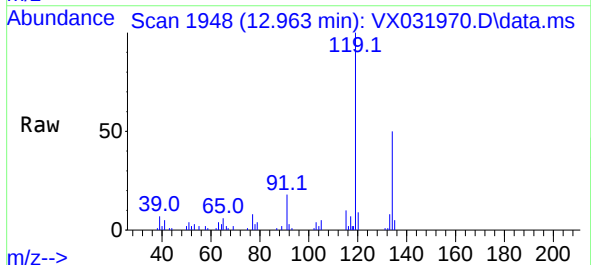
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL

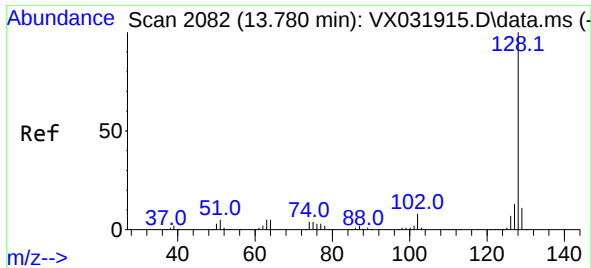
Tgt Ion:117 Resp: 517  
Ion Ratio Lower Upper  
117 100  
201 0.0 34.8 104.4#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.331 ug/l  
RT: 12.963 min Scan# 1948  
Delta R.T. 0.019 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

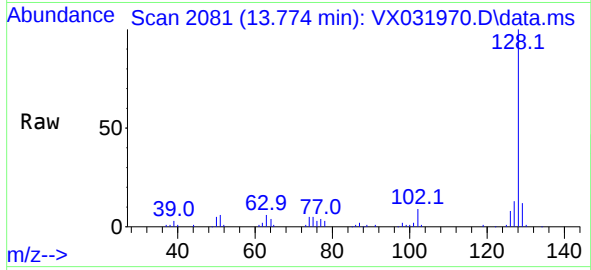
Tgt Ion: 75 Resp: 94  
Ion Ratio Lower Upper  
75 100  
155 0.0 40.3 120.8#  
157 0.0 51.5 154.5#





#95  
Naphthalene  
Concen: 7.657 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.006 min  
Lab File: VX031970.D  
Acq: 07 Oct 2022 18:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP092722DL



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 36255 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.6  | 10.4  | 15.6  |
| 129      | 10.9  | 8.8   | 13.2  |

