

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032322\  
 Data File : VX027661.D  
 Acq On : 23 Mar 2022 12:42  
 Operator : JC/MD  
 Sample : N1998-19DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Mar 24 04:34:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031722W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 17 15:02:59 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 367179   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 549661   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 497692   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 230937   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 193957   | 42.880   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 85.760%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 184325   | 52.122   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 104.240% |
| 50) Toluene-d8              | 8.653  | 98    | 646892   | 48.340   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 96.680%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 233175   | 47.406   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 94.820%  |

|                               |        |     |        |              |   |     |
|-------------------------------|--------|-----|--------|--------------|---|-----|
| Target Compounds              |        |     | Qvalue |              |   |     |
| 3) Chloromethane              | 1.294  | 50  | 743    | 0.237 ug/l   | # | 65  |
| 5) Bromomethane               | 1.617  | 94  | 1270   | Below Cal    |   | 84  |
| 6) Chloroethane               | 1.685  | 64  | 473    | 0.213 ug/l   | # | 43  |
| 10) Methyl Iodide             | 2.459  | 142 | 4744   | 1.009 ug/l   |   | 92  |
| 11) Tert butyl alcohol        | 2.965  | 59  | 2997   | 3.477 ug/l   |   | 100 |
| 13) Acrolein                  | 2.227  | 56  | 206    | 0.308 ug/l   | # | 1   |
| 15) Acrylonitrile             | 3.093  | 53  | 579    | 0.295 ug/l   | # | 52  |
| 16) Acetone                   | 2.380  | 43  | 3613   | 1.960 ug/l   | # | 87  |
| 17) Carbon Disulfide          | 2.514  | 76  | 2256   | 0.260 ug/l   | # | 93  |
| 19) Methyl tert-butyl Ether   | 3.117  | 73  | 12200  | 1.061 ug/l   | # | 26  |
| 20) Methylene Chloride        | 2.794  | 84  | 1036   | 0.261 ug/l   | # | 79  |
| 25) 2-Butanone                | 4.580  | 43  | 1129   | 0.407 ug/l   |   | 92  |
| 31) Cyclohexane               | 5.483  | 56  | 11077  | 1.972 ug/l   |   | 91  |
| 36) 1,1-Dichloropropene       | 5.556  | 75  | 23196  | 4.800 ug/l   | # | 50  |
| 38) Carbon Tetrachloride      | 5.562  | 117 | 33955  | 6.141 ug/l   | # | 15  |
| 39) Methylcyclohexane         | 7.385  | 83  | 16927  | 2.785 ug/l   | # | 86  |
| 40) Benzene                   | 6.043  | 78  | 73649  | 5.312 ug/l   |   | 97  |
| 42) 1,2-Dichloroethane        | 6.098  | 62  | 2081   | 0.400 ug/l   |   | 93  |
| 48) Methyl methacrylate       | 7.665  | 41  | 2075   | 0.541 ug/l   |   | 87  |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43  | 1420   | 0.287 ug/l   | # | 72  |
| 52) Toluene                   | 8.720  | 92  | 173245 | 18.646 ug/l  |   | 99  |
| 58) 2-Chloroethyl Vinyl ether | 8.257  | 63  | 107    | Below Cal    | # | 45  |
| 59) 2-Hexanone                | 9.445  | 43  | 2286   | 0.600 ug/l   |   | 71  |
| 67) Ethyl Benzene             | 10.195 | 91  | 969228 | 55.309 ug/l  |   | 97  |
| 68) m/p-Xylenes               | 10.305 | 106 | 796226 | 115.396 ug/l |   | 99  |
| 69) o-Xylene                  | 10.646 | 106 | 215949 | 32.234 ug/l  |   | 97  |
| 70) Styrene                   | 10.646 | 104 | 12065  | 1.102 ug/l   | # | 1   |
| 73) Isopropylbenzene          | 10.963 | 105 | 23644  | 1.406 ug/l   |   | 96  |
| 76) 1,2,3-Trichloropropane    | 11.378 | 75  | 3759   | 0.778 ug/l   | # | 1   |
| 78) n-propylbenzene           | 11.305 | 91  | 102249 | 5.537 ug/l   |   | 99  |
| 79) 2-Chlorotoluene           | 11.378 | 91  | 55023  | 4.750 ug/l   | # | 42  |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105 | 356181 | 25.159 ug/l  |   | 99  |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75  | 113404 | 71.301 ug/l  | # | 15  |
| 82) 4-Chlorotoluene           | 11.451 | 91  | 35955  | 2.726 ug/l   | # | 47  |
| 83) tert-Butylbenzene         | 11.719 | 119 | 18730  | 1.335 ug/l   |   | 87  |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105 | 680644 | 48.208 ug/l  |   | 98  |

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 Sample : N1998-19DL 10X  
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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Mar 24 04:34:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031722W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 17 15:02:59 2022  
 Response via : Initial Calibration

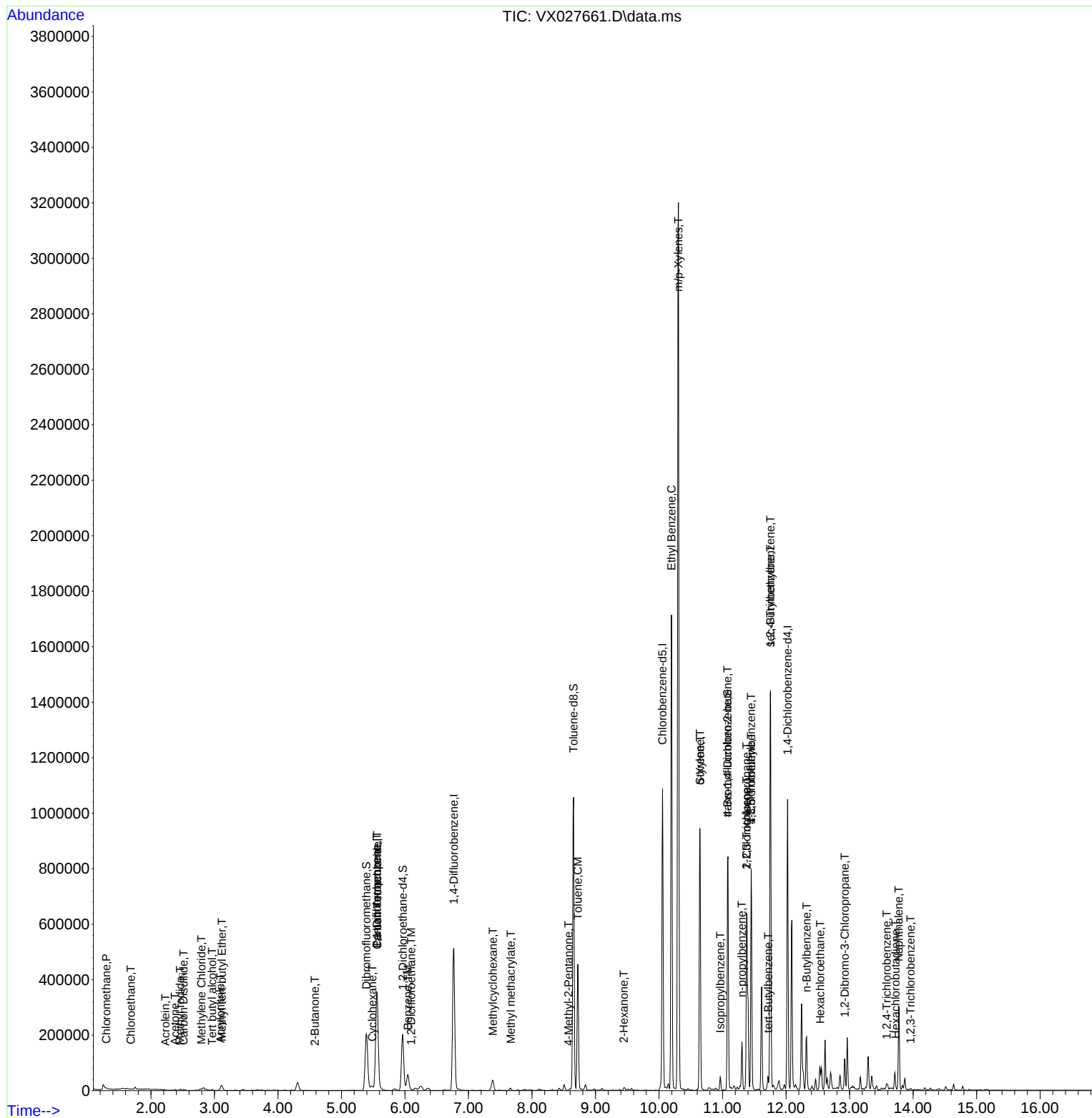
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 85) sec-Butylbenzene          | 11.756 | 105  | 680644   | 40.160 | ug/l # | 56       |
| 89) n-Butylbenzene            | 12.323 | 91   | 21156    | 1.741  | ug/l # | 1        |
| 90) Hexachloroethane          | 12.536 | 117  | 4130     | 1.779  | ug/l # | 10       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.926 | 75   | 359      | 0.294  | ug/l # | 1        |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 1246     | 0.253  | ug/l # | 77       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 653      | 0.301  | ug/l   | 93       |
| 95) Naphthalene               | 13.774 | 128  | 196303   | 12.265 | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 1201     | 0.241  | ug/l   | 88       |
| -----                         |        |      |          |        |        |          |

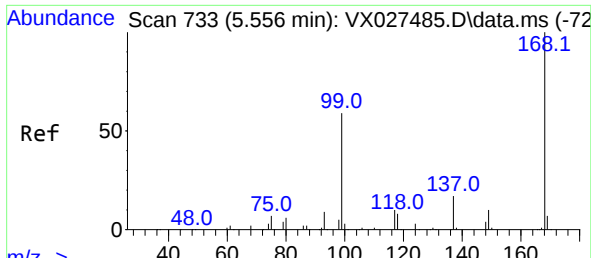
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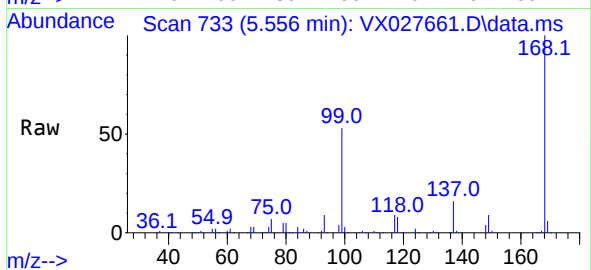
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031722W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 17 15:02:59 2022  
Response via : Initial Calibration



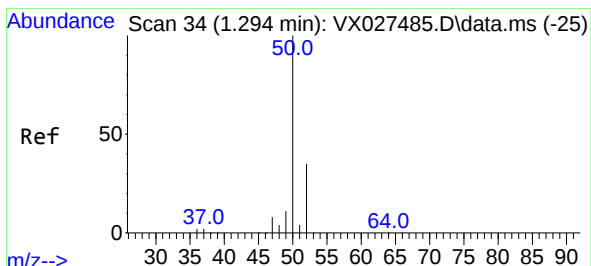
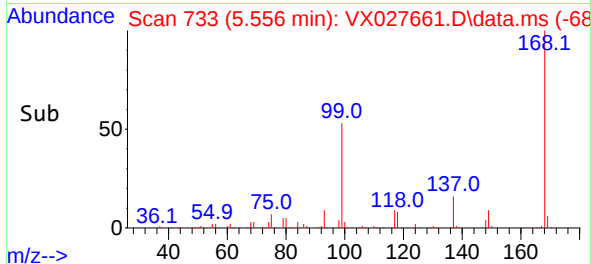
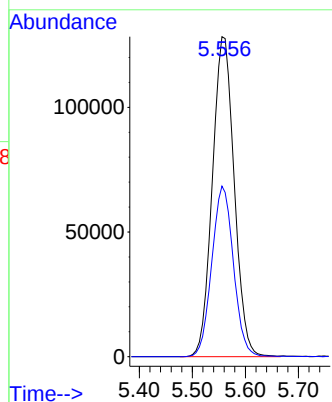


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Instrument :  
MSVOA\_X  
ClientSampleId :

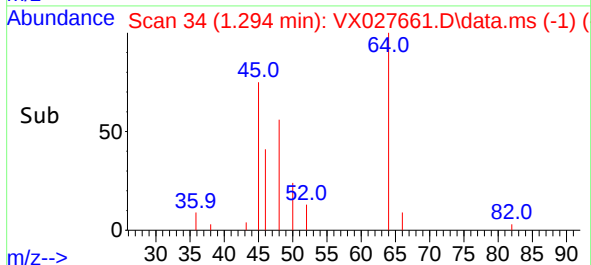
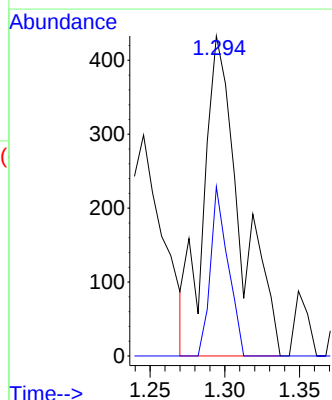
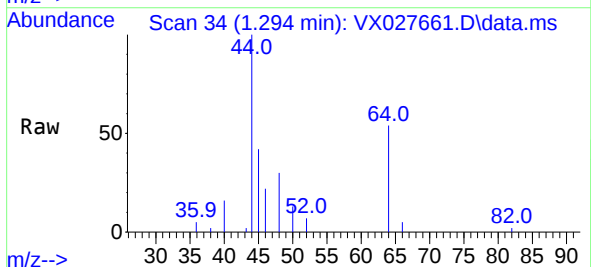


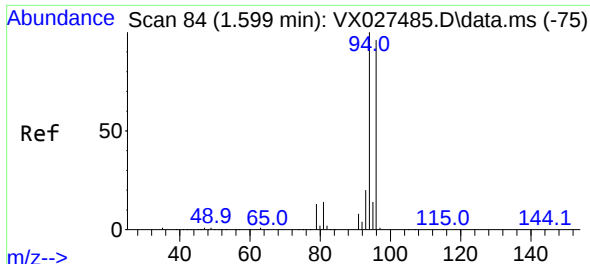
Tgt Ion:168 Resp: 367179  
Ion Ratio Lower Upper  
168 100  
99 53.3 41.7 62.5



#3  
Chloromethane  
Concen: 0.237 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Tgt Ion: 50 Resp: 743  
Ion Ratio Lower Upper  
50 100  
52 52.9 26.4 39.6#

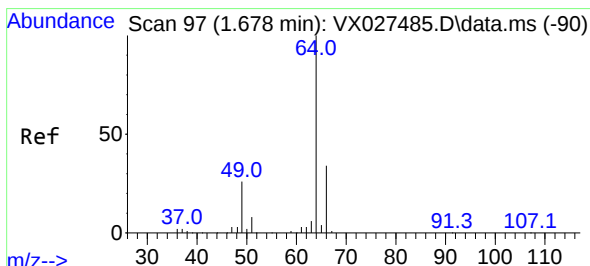
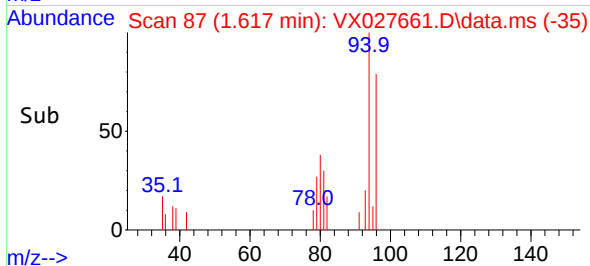
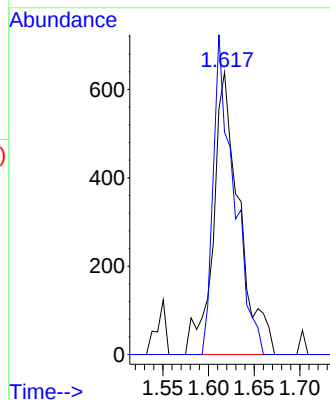
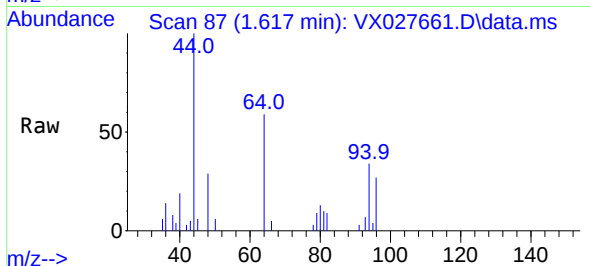




#5  
Bromomethane  
Concen: Below Cal  
RT: 1.617 min Scan# 81  
Delta R.T. 0.018 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

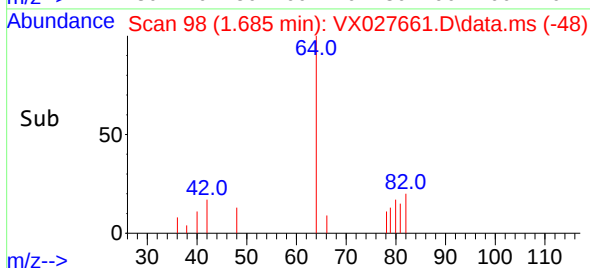
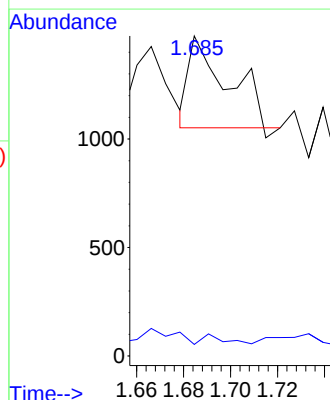
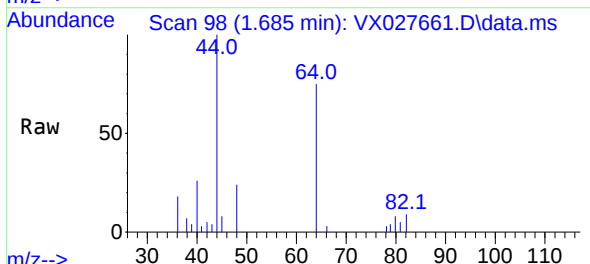
Instrument :  
MSVOA\_X  
ClientSampleId :

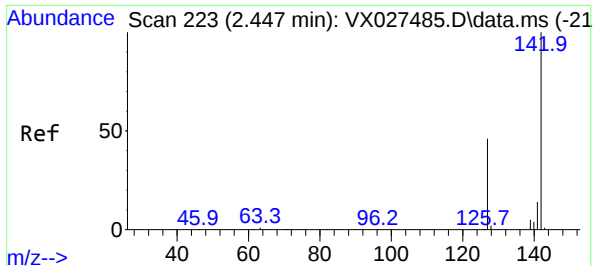
Tgt Ion: 94 Resp: 1270  
Ion Ratio Lower Upper  
94 100  
96 78.7 75.3 112.9



#6  
Chloroethane  
Concen: 0.213 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.006 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

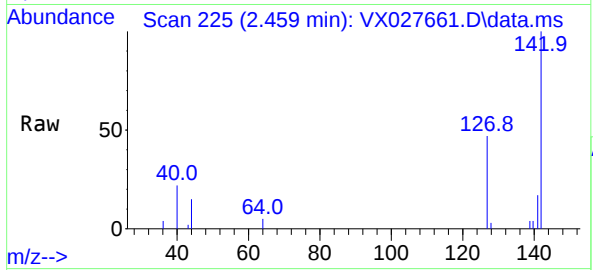
Tgt Ion: 64 Resp: 473  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.3 37.9#



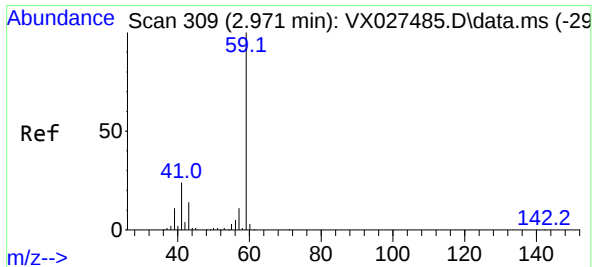
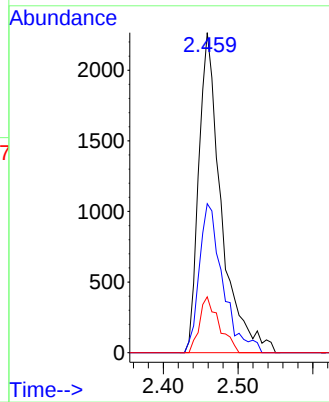
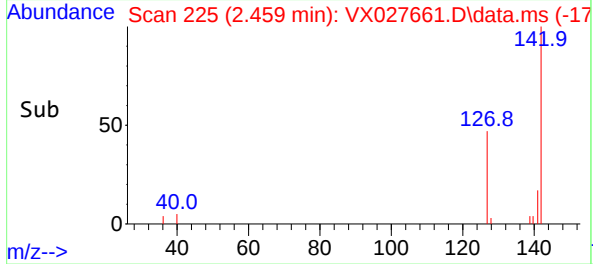


#10  
Methyl Iodide  
Concen: 1.009 ug/l  
RT: 2.459 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Instrument :  
MSVOA\_X  
ClientSampleId :

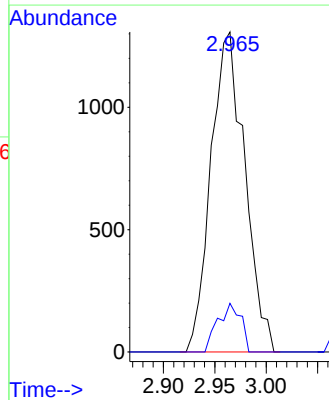
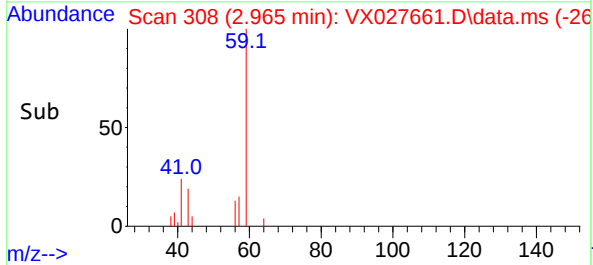
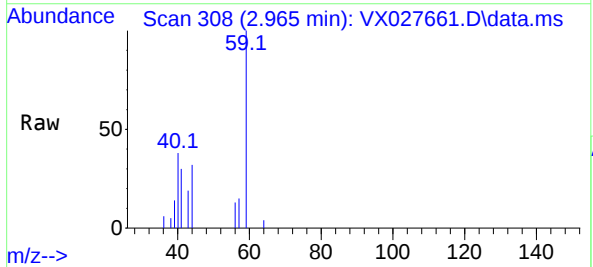


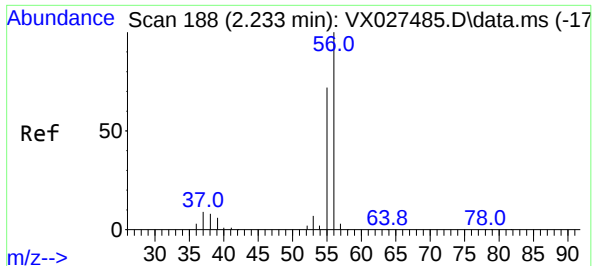
Tgt Ion:142 Resp: 4744  
Ion Ratio Lower Upper  
142 100  
127 48.6 33.9 50.9  
141 15.2 11.4 17.2



#11  
Tert butyl alcohol  
Concen: 3.477 ug/l  
RT: 2.965 min Scan# 308  
Delta R.T. -0.006 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Tgt Ion: 59 Resp: 2997  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.3 12.5

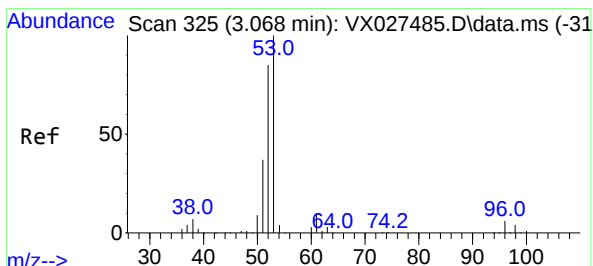
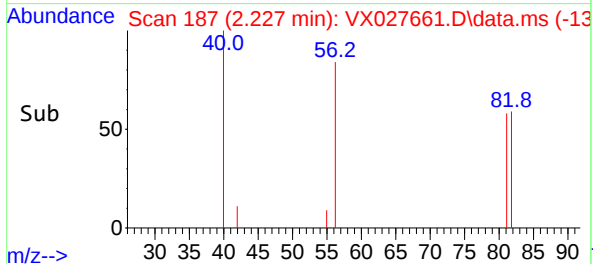
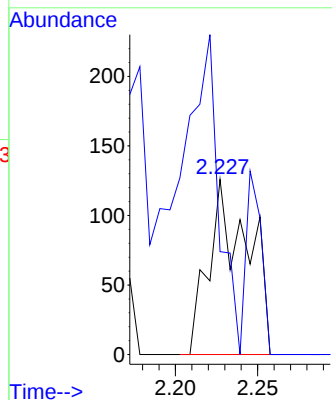
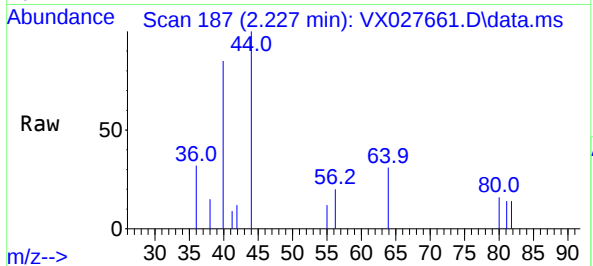




#13  
Acrolein  
Concen: 0.308 ug/l  
RT: 2.227 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

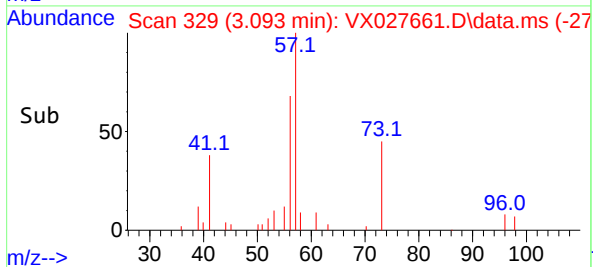
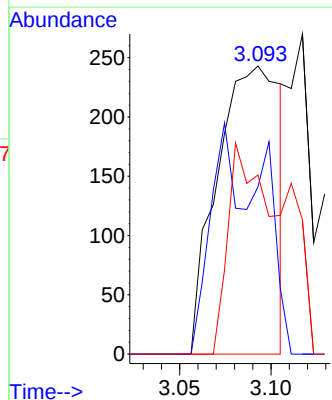
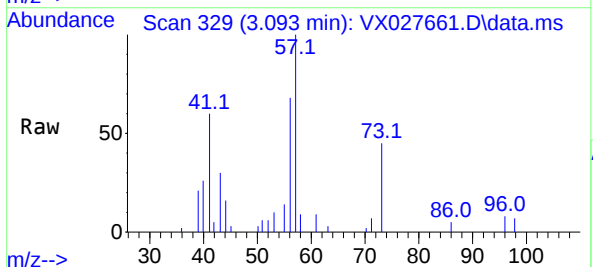
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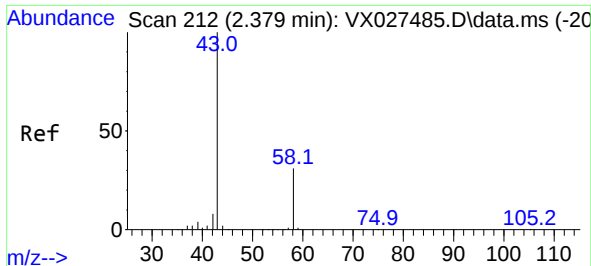
Tgt Ion: 56 Resp: 206  
Ion Ratio Lower Upper  
56 100  
55 151.9 55.0 82.6#



#15  
Acrylonitrile  
Concen: 0.295 ug/l  
RT: 3.093 min Scan# 329  
Delta R.T. 0.024 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Tgt Ion: 53 Resp: 579  
Ion Ratio Lower Upper  
53 100  
52 40.4 65.7 98.5#  
51 65.3 28.4 42.6#

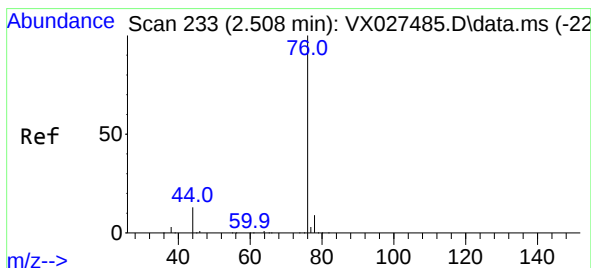
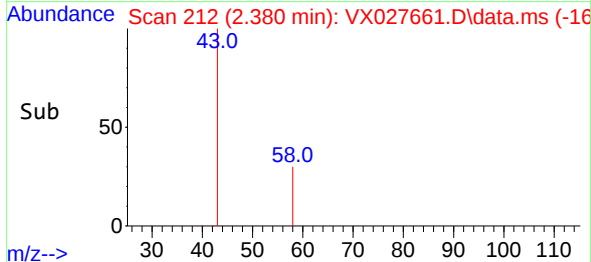
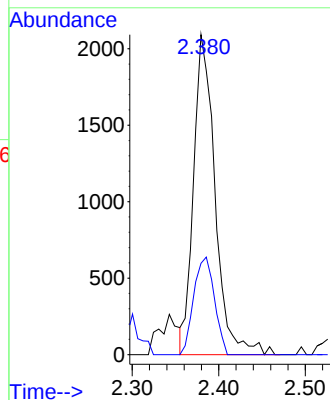
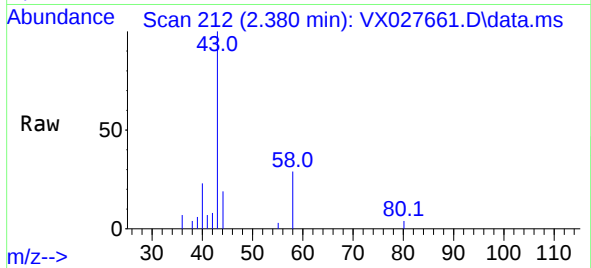




#16  
Acetone  
Concen: 1.960 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

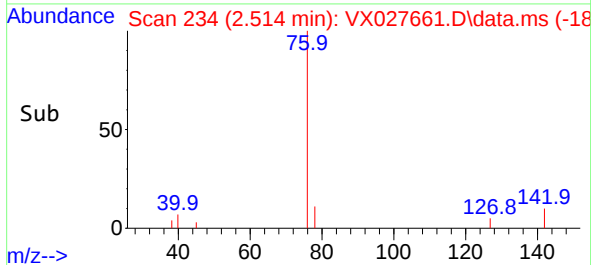
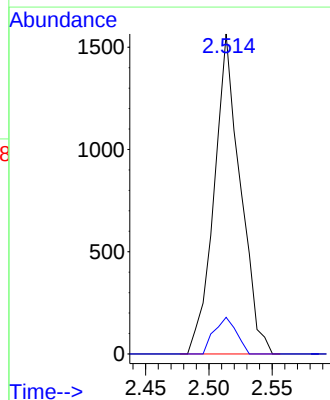
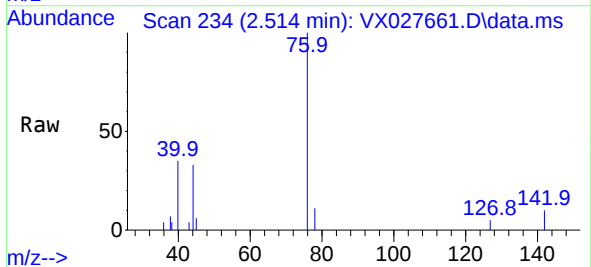
Instrument :  
MSVOA\_X  
ClientSampleId :

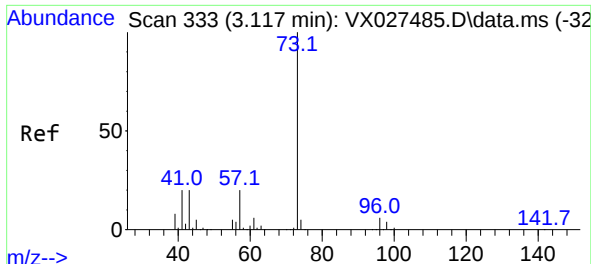
Tgt Ion: 43 Resp: 3613  
Ion Ratio Lower Upper  
43 100  
58 28.5 28.8 43.2#



#17  
Carbon Disulfide  
Concen: 0.260 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. 0.006 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Tgt Ion: 76 Resp: 2256  
Ion Ratio Lower Upper  
76 100  
78 11.4 7.2 10.8#

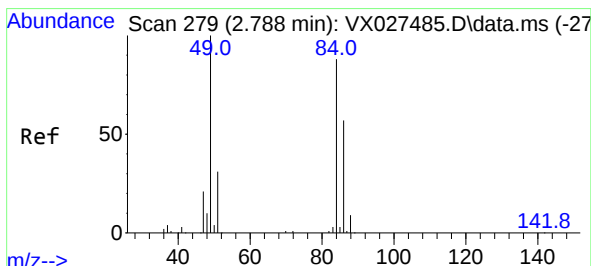
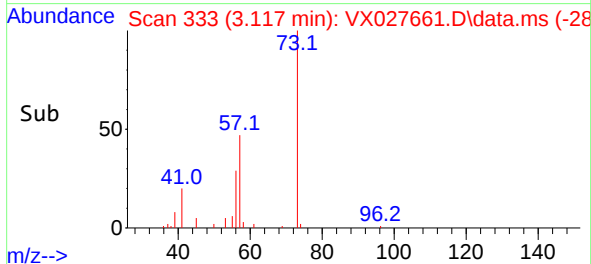
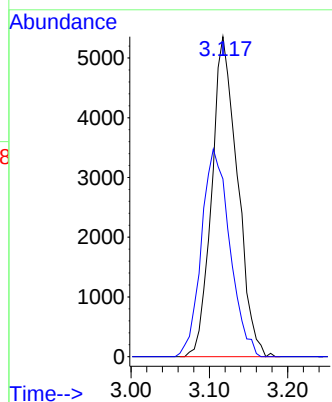
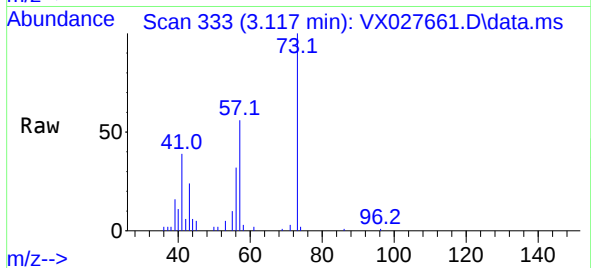




#19  
Methyl tert-butyl Ether  
Concen: 1.061 ug/l  
RT: 3.117 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

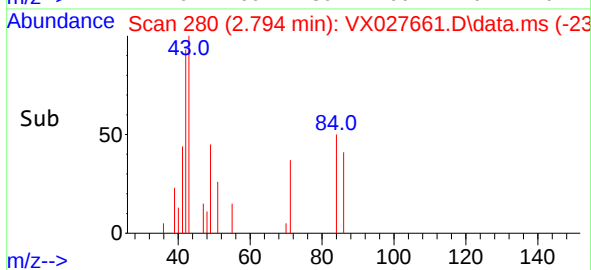
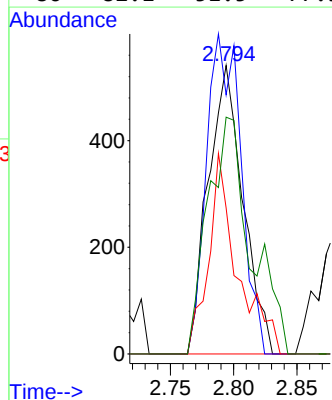
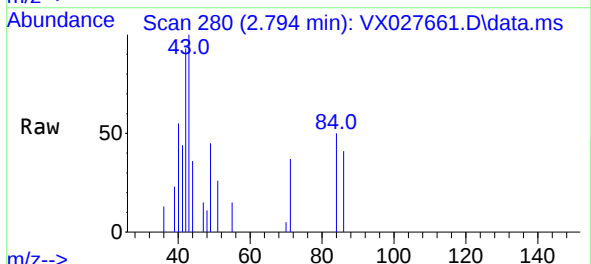
Instrument :  
MSVOA\_X  
ClientSampleId :

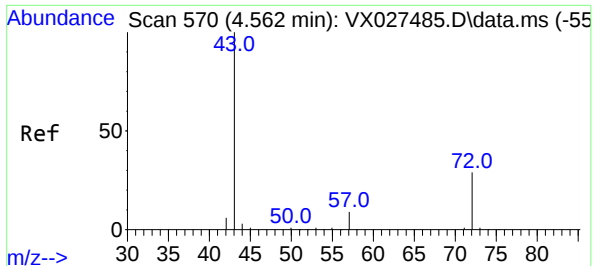
Tgt Ion: 73 Resp: 12200  
Ion Ratio Lower Upper  
73 100  
57 55.6 16.8 25.2#



#20  
Methylene Chloride  
Concen: 0.261 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Tgt Ion: 84 Resp: 1036  
Ion Ratio Lower Upper  
84 100  
49 89.8 85.5 128.3  
51 50.6 26.6 39.8#  
86 82.1 51.5 77.3#





#25

2-Butanone

Concen: 0.407 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX027661.D

Acq: 23 Mar 2022 12:42

Instrument :

MSVOA\_X

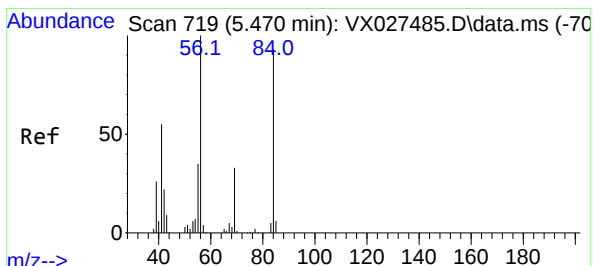
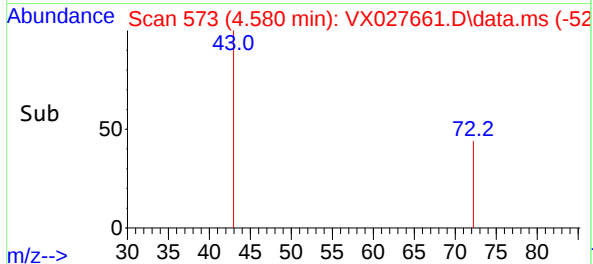
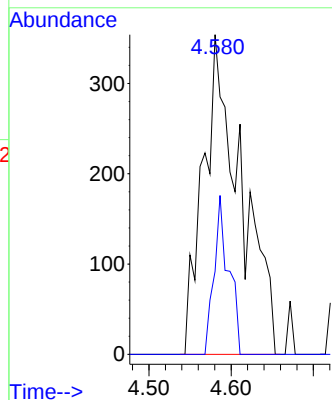
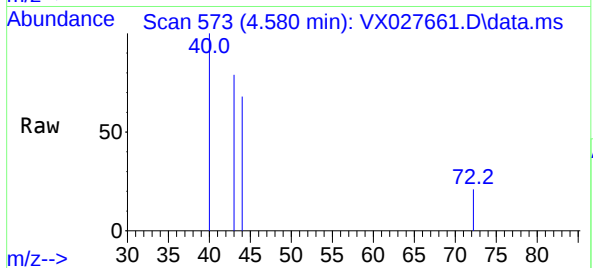
ClientSampleId :

Tgt Ion: 43 Resp: 1129

Ion Ratio Lower Upper

43 100

72 26.0 24.4 36.6



#31

Cyclohexane

Concen: 1.972 ug/l

RT: 5.483 min Scan# 721

Delta R.T. 0.012 min

Lab File: VX027661.D

Acq: 23 Mar 2022 12:42

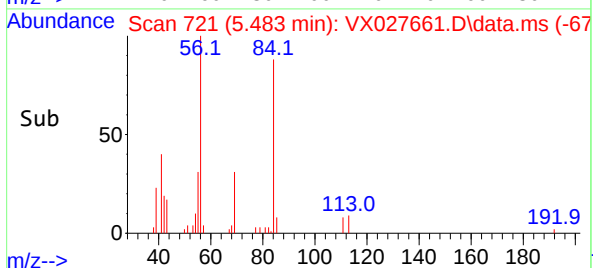
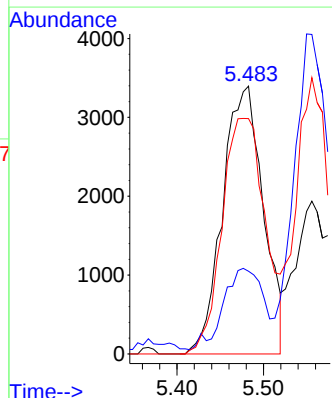
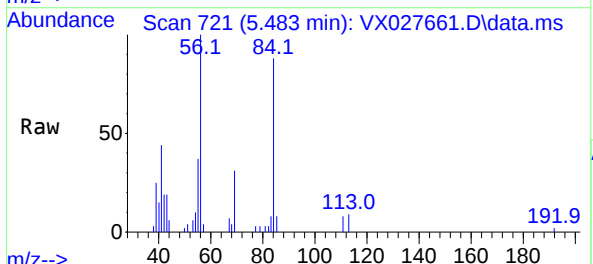
Tgt Ion: 56 Resp: 11077

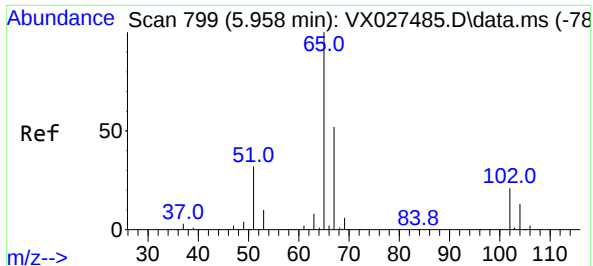
Ion Ratio Lower Upper

56 100

69 29.0 26.7 40.1

84 87.8 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 42.880 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX027661.D

Acq: 23 Mar 2022 12:42

Instrument :

MSVOA\_X

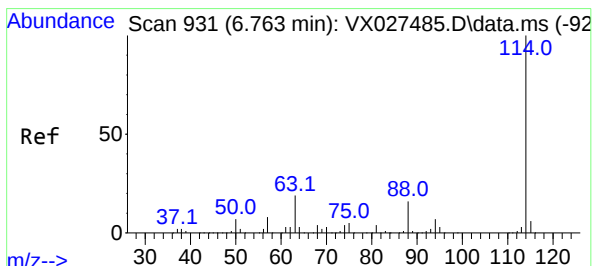
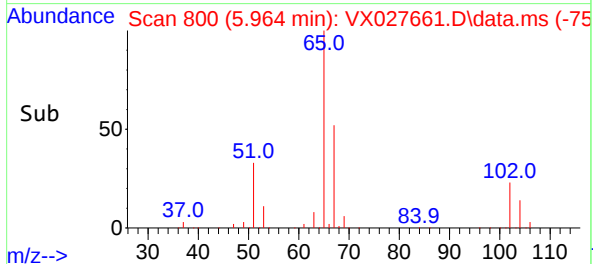
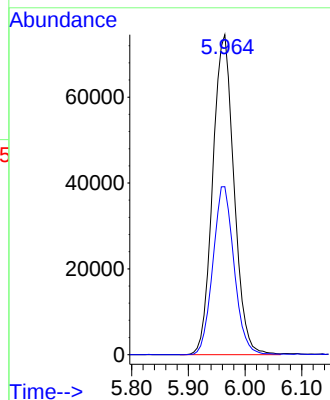
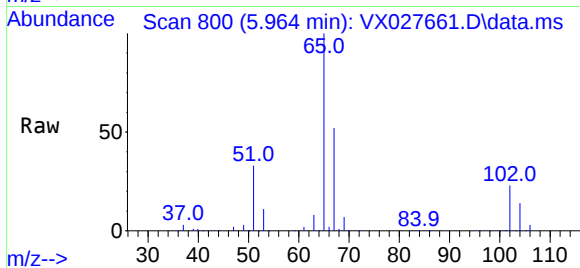
ClientSampleId :

Tgt Ion: 65 Resp: 193957

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027661.D

Acq: 23 Mar 2022 12:42

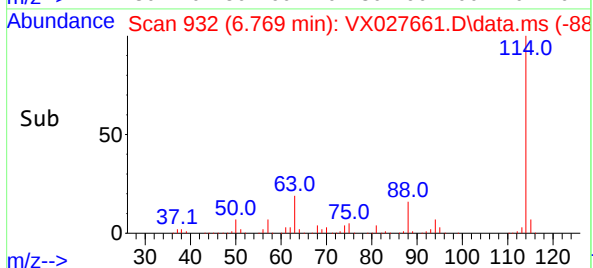
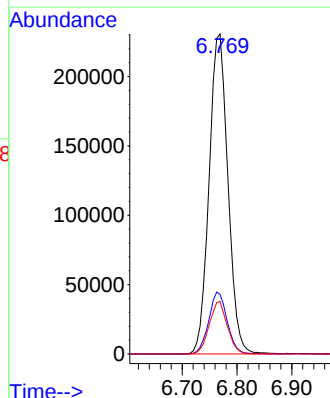
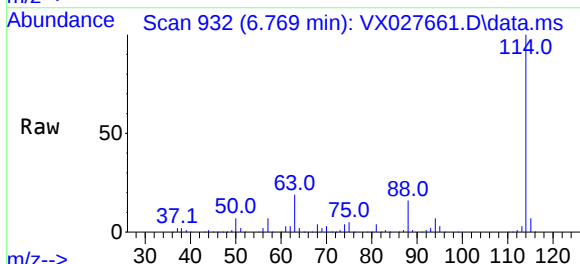
Tgt Ion: 114 Resp: 549661

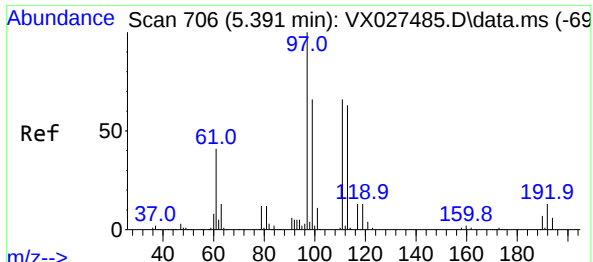
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

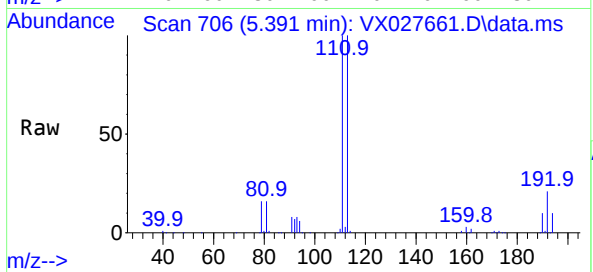
88 16.4 0.0 32.4



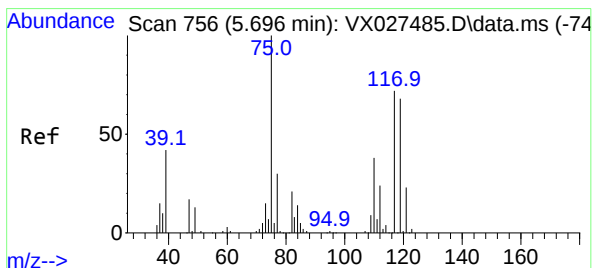
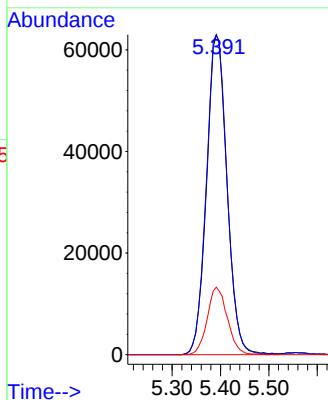
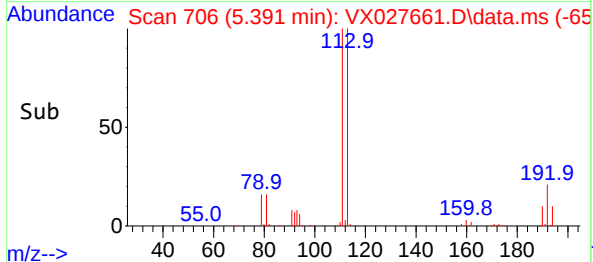


#35  
Dibromofluoromethane  
Concen: 52.122 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

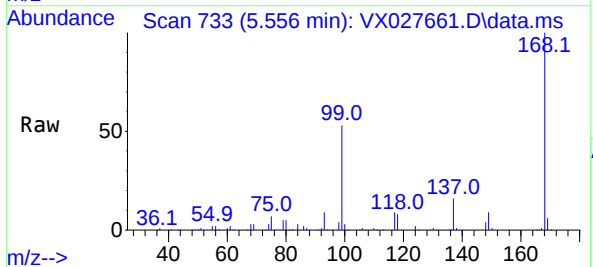
Instrument :  
MSVOA\_X  
ClientSampleId :



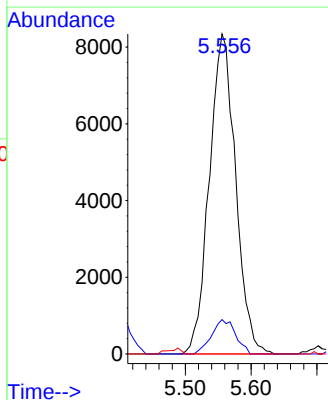
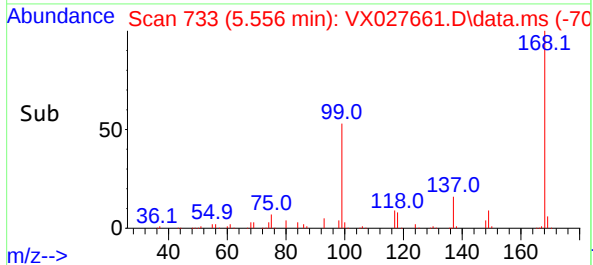
Tgt Ion:113 Resp: 184325  
Ion Ratio Lower Upper  
113 100  
111 101.5 82.8 124.2  
192 20.8 16.9 25.3

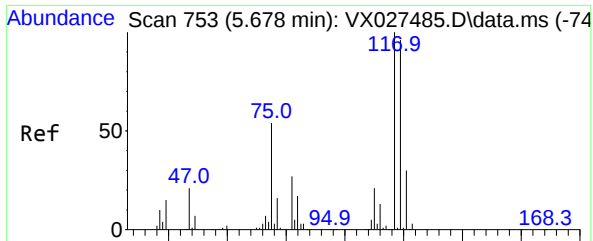


#36  
1,1-Dichloropropene  
Concen: 4.800 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.140 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42



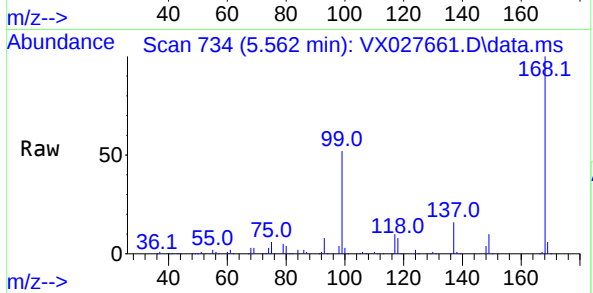
Tgt Ion: 75 Resp: 23196  
Ion Ratio Lower Upper  
75 100  
110 9.8 18.3 54.8#  
77 0.0 24.8 37.2#



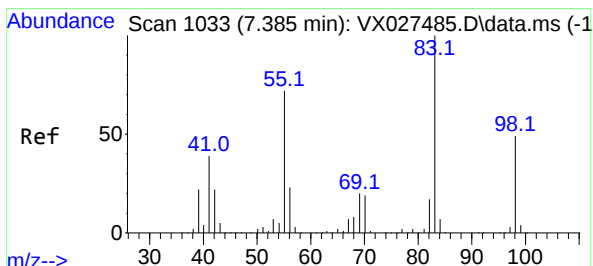
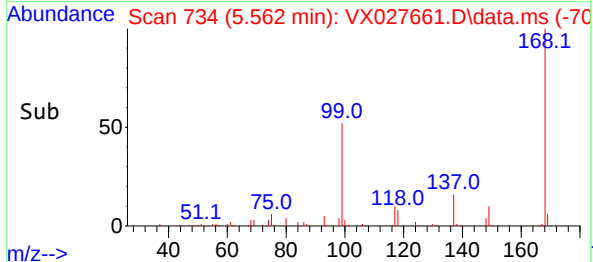
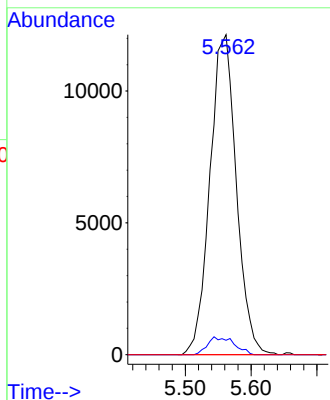


#38  
Carbon Tetrachloride  
Concen: 6.141 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.116 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Instrument :  
MSVOA\_X  
ClientSampleId :

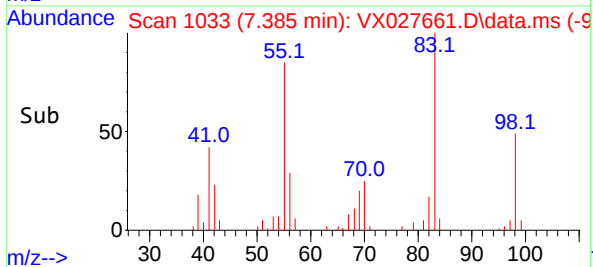
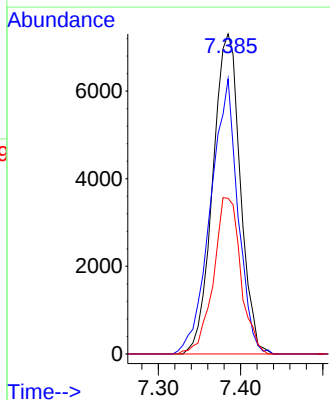
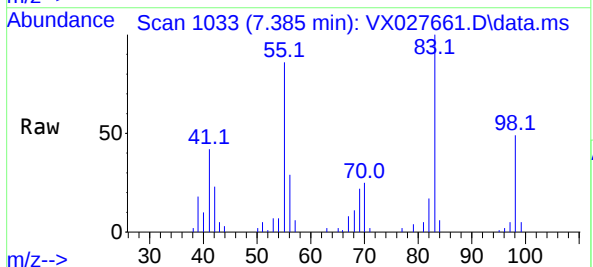


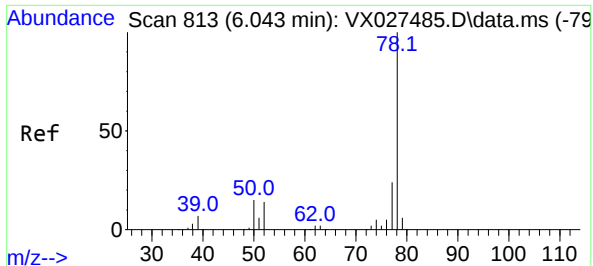
Tgt Ion:117 Resp: 33955  
Ion Ratio Lower Upper  
117 100  
119 4.5 77.3 115.9#  
121 0.0 24.2 36.2#



#39  
Methylcyclohexane  
Concen: 2.785 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. 0.000 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Tgt Ion: 83 Resp: 16927  
Ion Ratio Lower Upper  
83 100  
55 86.0 54.6 81.8#  
98 48.7 37.4 56.2

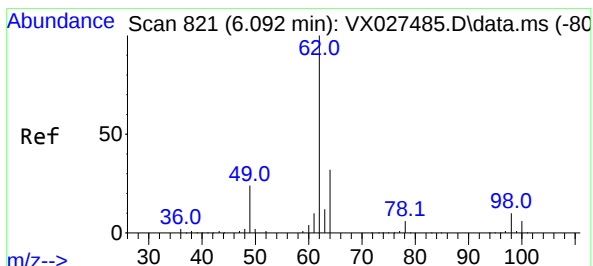
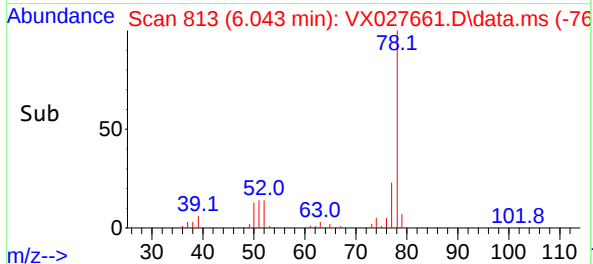
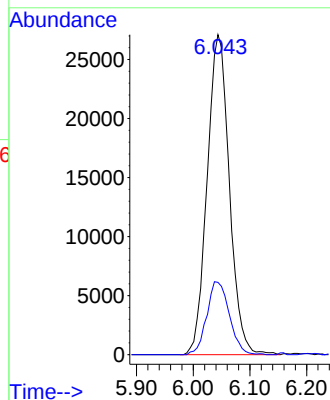
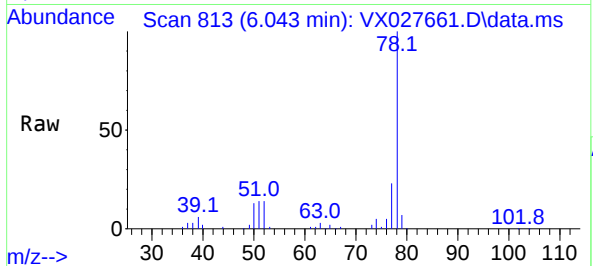




#40  
Benzene  
Concen: 5.312 ug/l  
RT: 6.043 min Scan# 813  
Delta R.T. 0.000 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

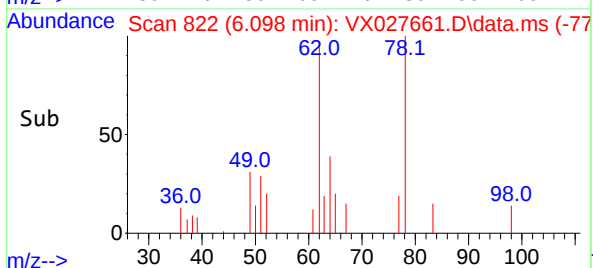
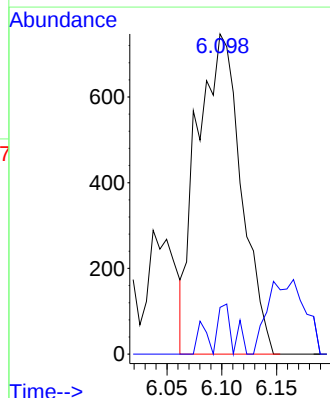
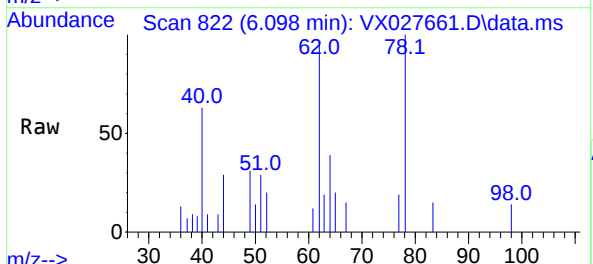
Instrument :  
MSVOA\_X  
ClientSampleId :

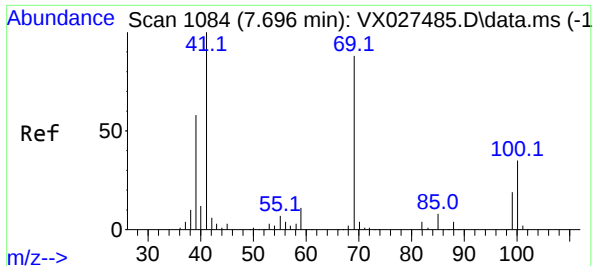
Tgt Ion: 78 Resp: 73649  
Ion Ratio Lower Upper  
78 100  
77 22.6 19.3 28.9



#42  
1,2-Dichloroethane  
Concen: 0.400 ug/l  
RT: 6.098 min Scan# 822  
Delta R.T. 0.006 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Tgt Ion: 62 Resp: 2081  
Ion Ratio Lower Upper  
62 100  
98 7.6 0.0 20.4





#48

Methyl methacrylate

Concen: 0.541 ug/l

RT: 7.665 min Scan# 1084

Delta R.T. -0.030 min

Lab File: VX027661.D

Acq: 23 Mar 2022 12:42

Instrument :

MSVOA\_X

ClientSampleId :

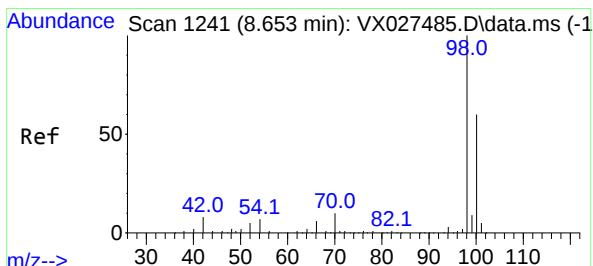
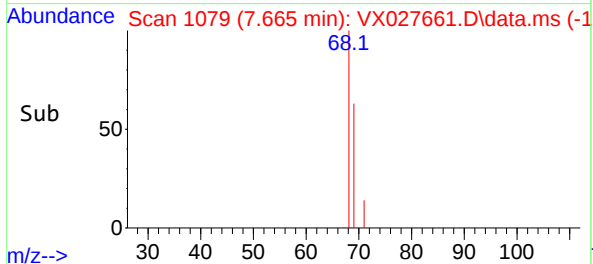
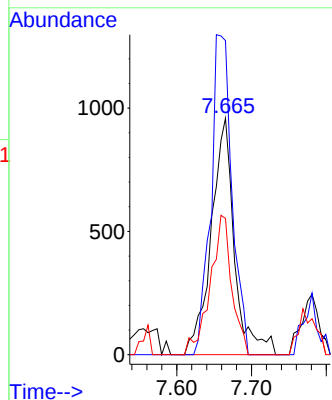
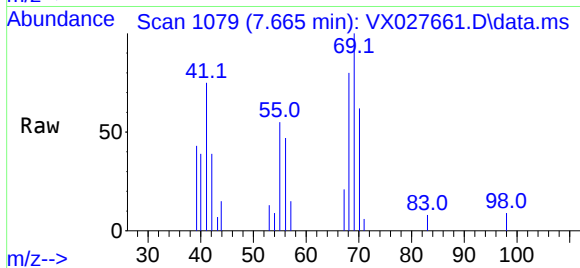
Tgt Ion: 41 Resp: 2075

Ion Ratio Lower Upper

41 100

69 123.0 82.5 123.7

39 54.7 43.8 65.8



#50

Toluene-d8

Concen: 48.340 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027661.D

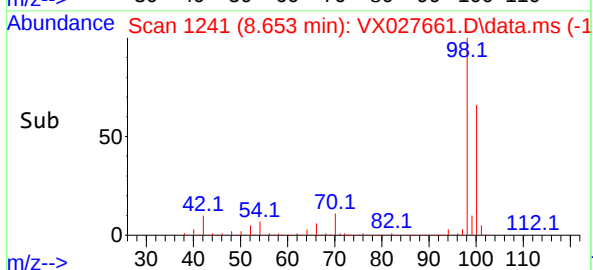
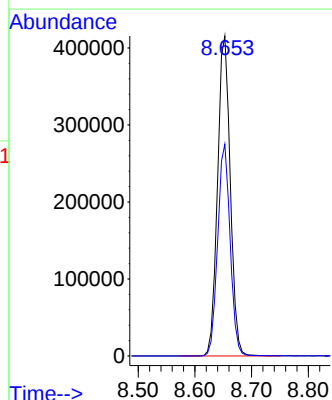
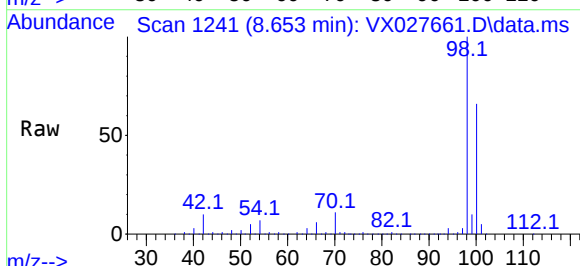
Acq: 23 Mar 2022 12:42

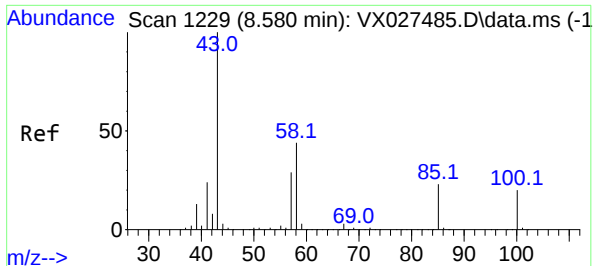
Tgt Ion: 98 Resp: 646892

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

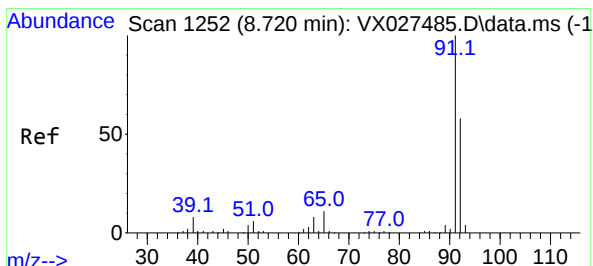
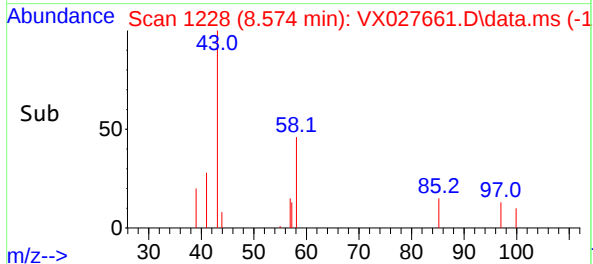
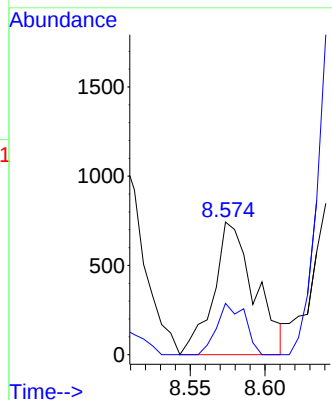
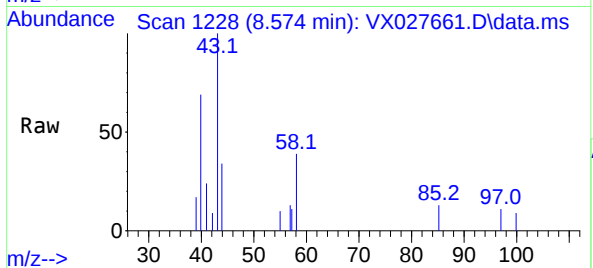




#51  
4-Methyl-2-Pentanone  
Concen: 0.287 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

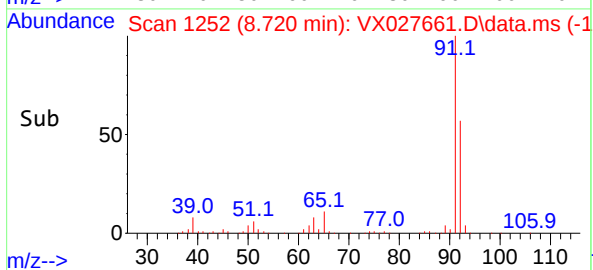
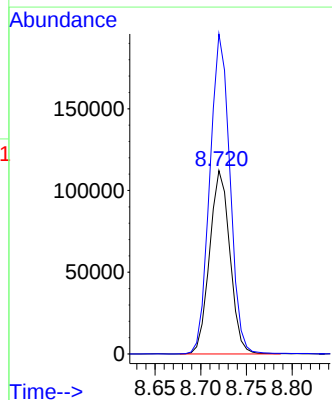
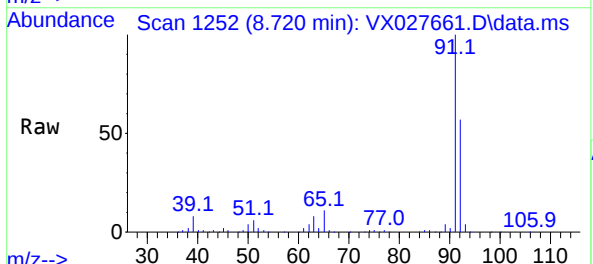
Instrument :  
MSVOA\_X  
ClientSampleId :

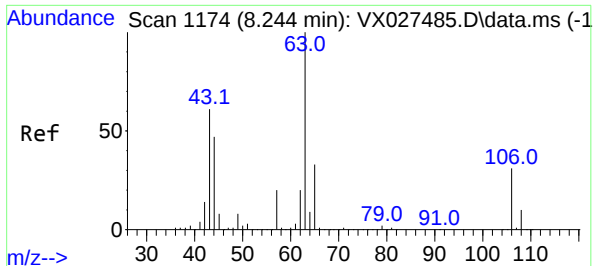
Tgt Ion: 43 Resp: 1420  
Ion Ratio Lower Upper  
43 100  
58 26.8 36.1 54.1#



#52  
Toluene  
Concen: 18.646 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Tgt Ion: 92 Resp: 173245  
Ion Ratio Lower Upper  
92 100  
91 173.4 137.5 206.3

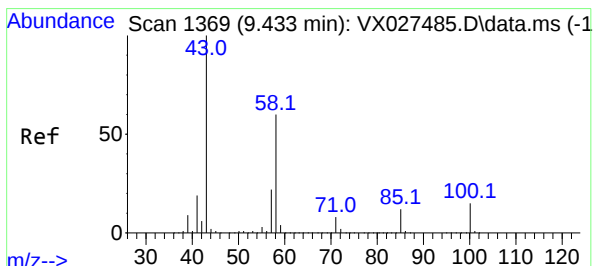
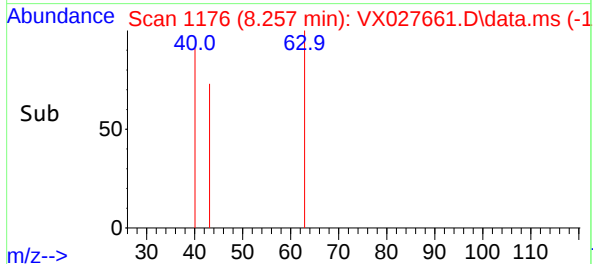
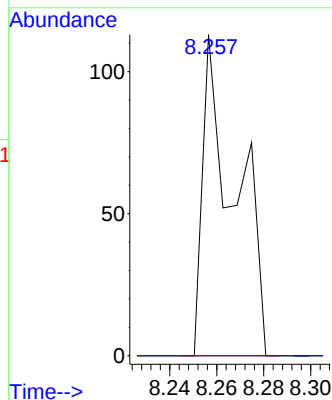
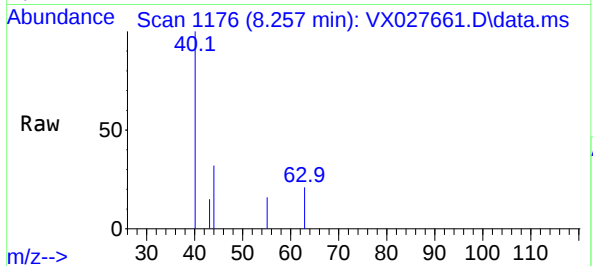




#58  
2-Chloroethyl Vinyl ether  
Concen: Below Cal  
RT: 8.257 min Scan# 1176  
Delta R.T. 0.013 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

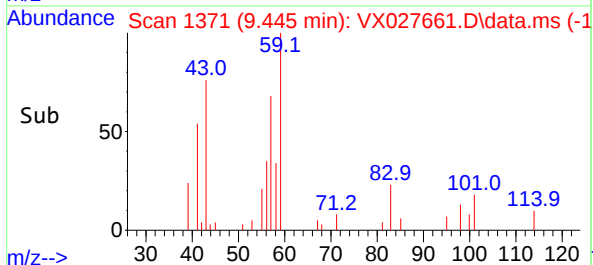
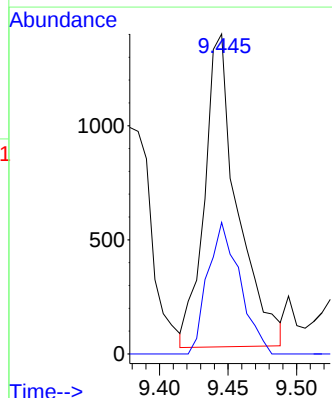
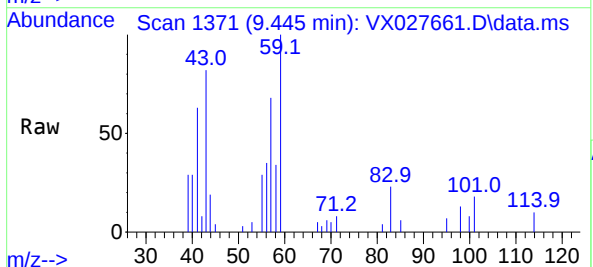
Instrument :  
MSVOA\_X  
ClientSampleId :

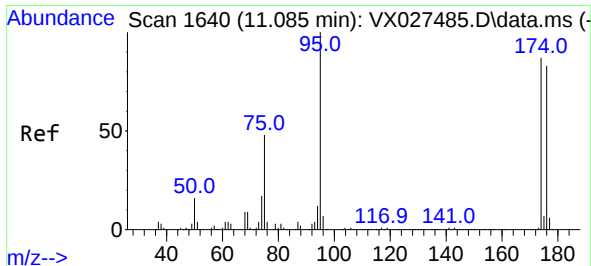
Tgt Ion: 63 Resp: 107  
Ion Ratio Lower Upper  
63 100  
106 0.0 23.9 35.9#



#59  
2-Hexanone  
Concen: 0.600 ug/l  
RT: 9.445 min Scan# 1371  
Delta R.T. 0.012 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Tgt Ion: 43 Resp: 2286  
Ion Ratio Lower Upper  
43 100  
58 41.1 31.9 95.7

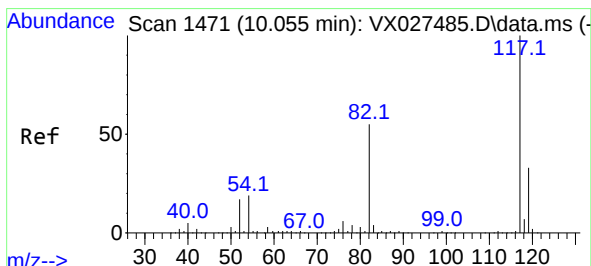
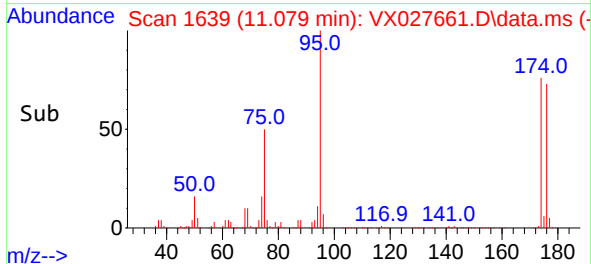
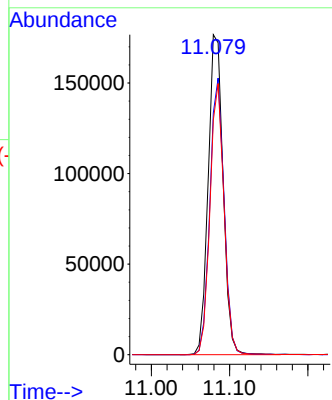
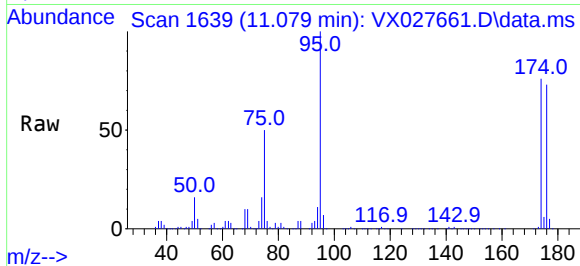




#62  
4-Bromofluorobenzene  
Concen: 47.406 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

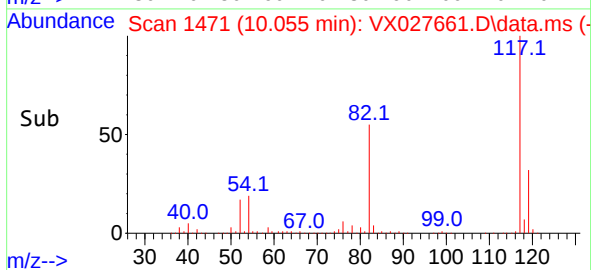
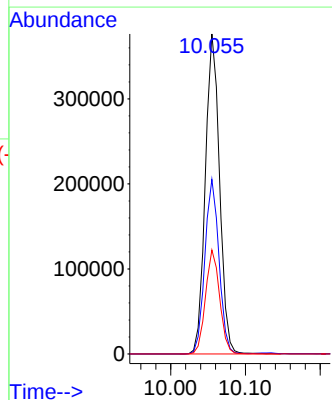
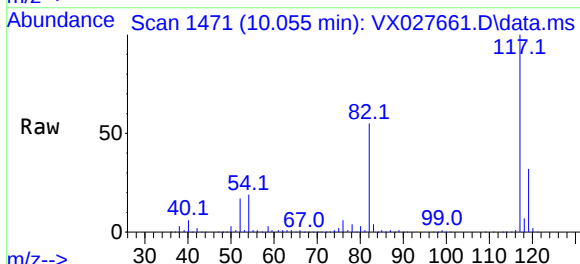
Instrument :  
MSVOA\_X  
ClientSampleId :

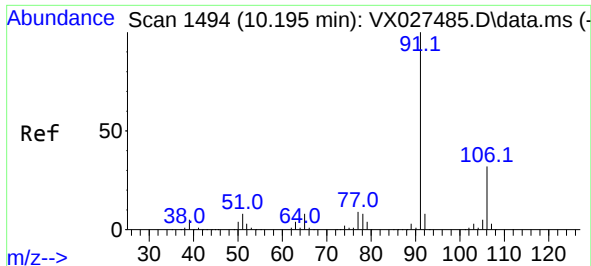
Tgt Ion: 95 Resp: 233175  
Ion Ratio Lower Upper  
95 100  
174 82.5 0.0 163.0  
176 79.8 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Tgt Ion: 117 Resp: 497692  
Ion Ratio Lower Upper  
117 100  
82 54.5 41.8 62.8  
119 32.5 24.8 37.2





#67

Ethyl Benzene

Concen: 55.309 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027661.D

Acq: 23 Mar 2022 12:42

Instrument :

MSVOA\_X

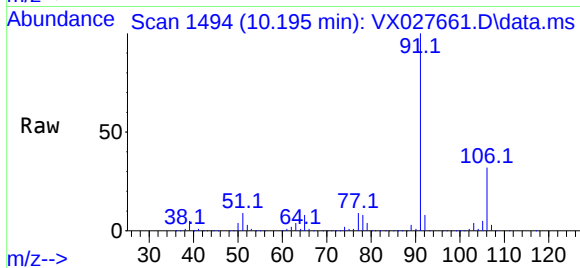
ClientSampleId :

Tgt Ion: 91 Resp: 969228

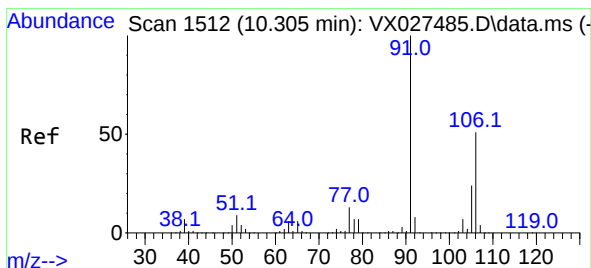
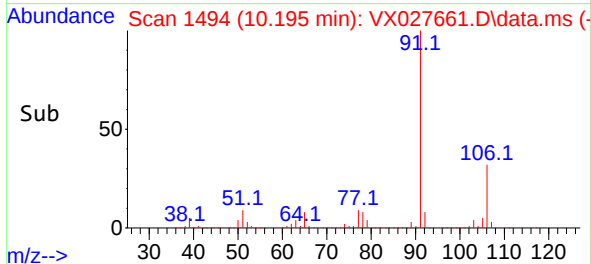
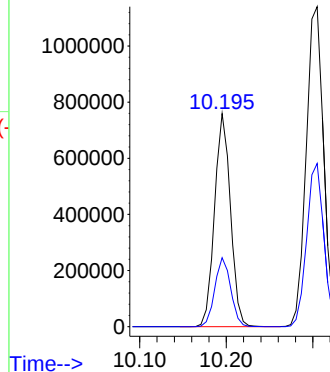
Ion Ratio Lower Upper

91 100

106 32.4 24.6 36.8



Abundance



#68

m/p-Xylenes

Concen: 115.396 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX027661.D

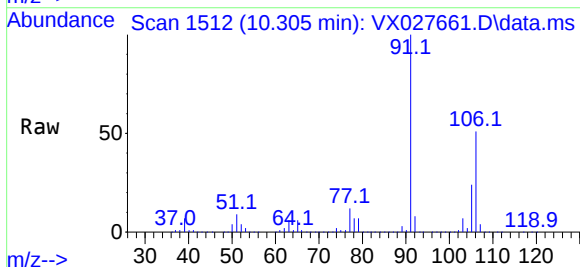
Acq: 23 Mar 2022 12:42

Tgt Ion:106 Resp: 796226

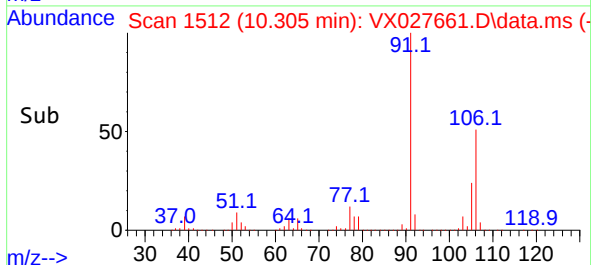
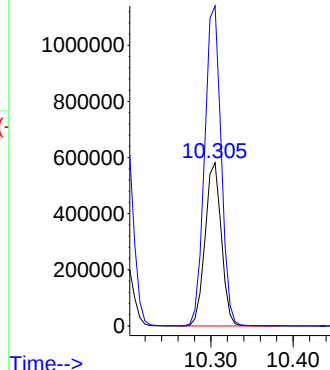
Ion Ratio Lower Upper

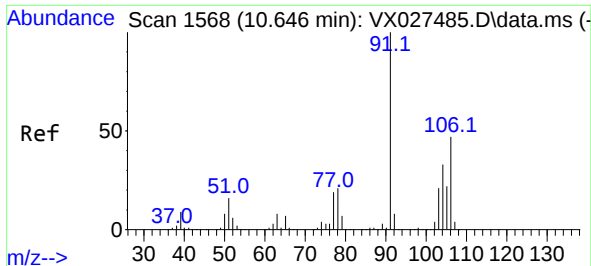
106 100

91 199.6 160.4 240.6



Abundance

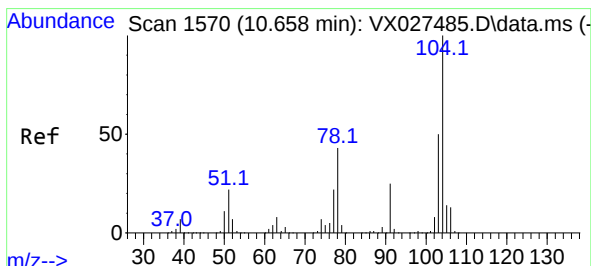
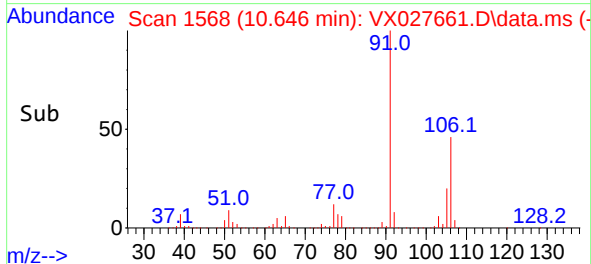
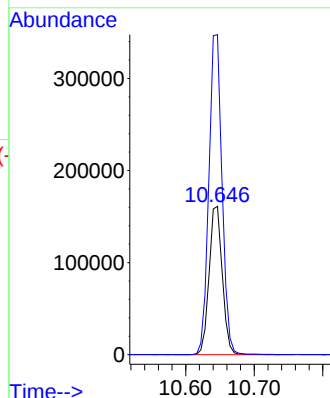
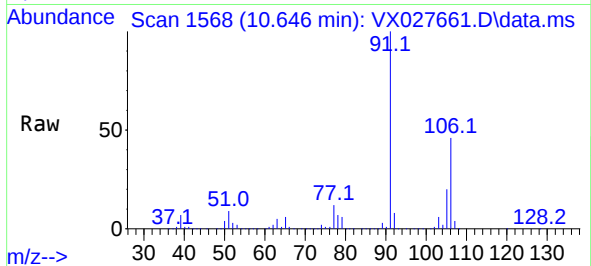




#69  
o-Xylene  
Concen: 32.234 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

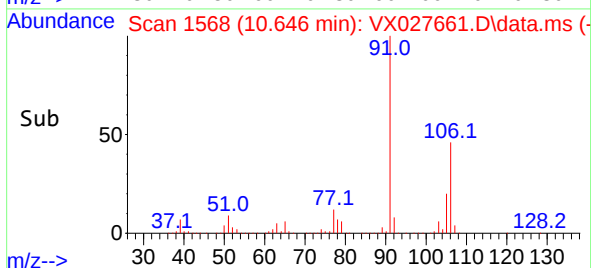
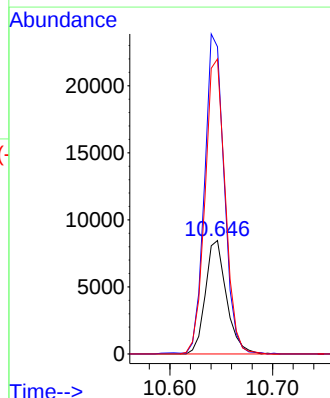
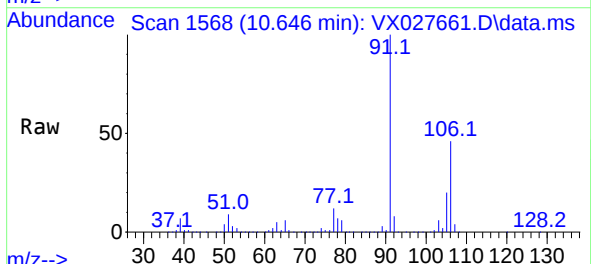
Instrument :  
MSVOA\_X  
ClientSampleId :

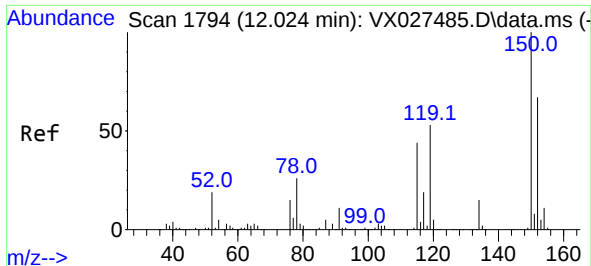
Tgt Ion:106 Resp: 215949  
Ion Ratio Lower Upper  
106 100  
91 216.2 106.1 318.1



#70  
Styrene  
Concen: 1.102 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. -0.012 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

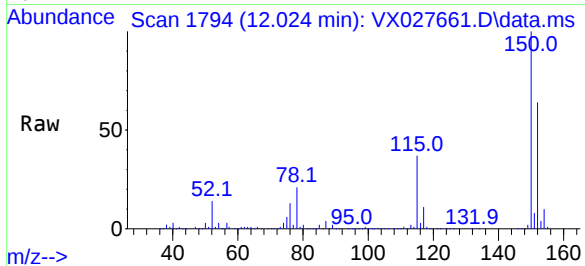
Tgt Ion:104 Resp: 12065  
Ion Ratio Lower Upper  
104 100  
78 262.8 38.6 57.8#  
103 249.5 43.8 65.8#



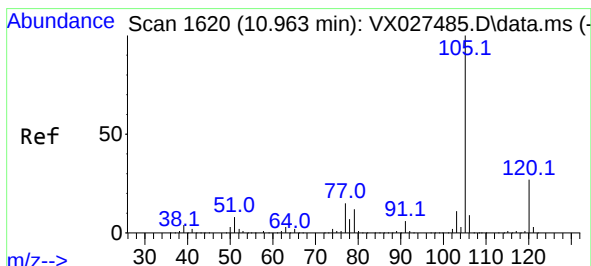
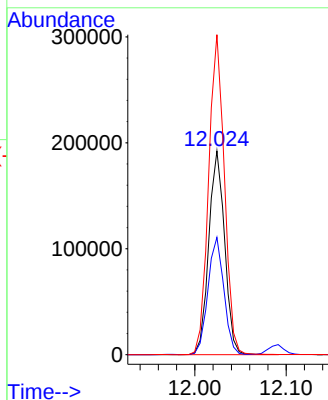
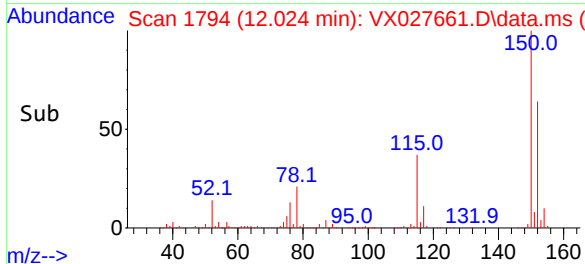


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

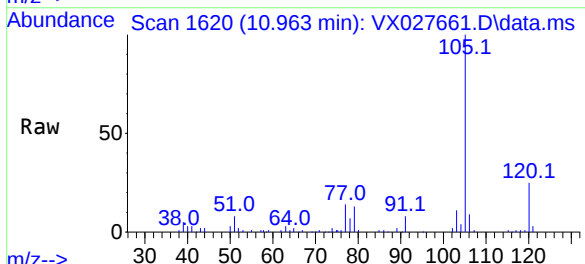
Instrument :  
MSVOA\_X  
ClientSampleId :



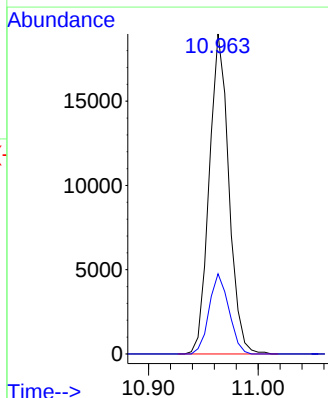
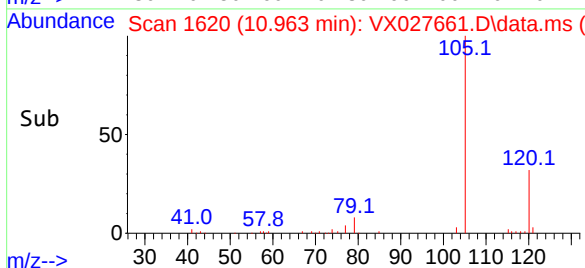
Tgt Ion:152 Resp: 230937  
Ion Ratio Lower Upper  
152 100  
115 57.9 37.5 112.7  
150 156.4 0.0 338.2

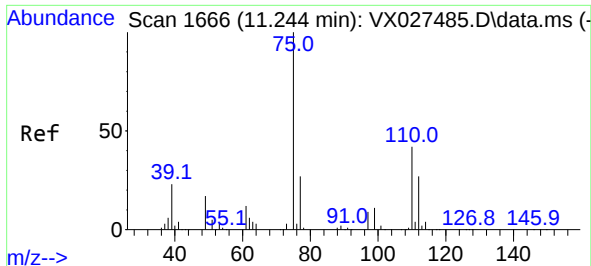


#73  
Isopropylbenzene  
Concen: 1.406 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42



Tgt Ion:105 Resp: 23644  
Ion Ratio Lower Upper  
105 100  
120 25.1 13.5 40.5

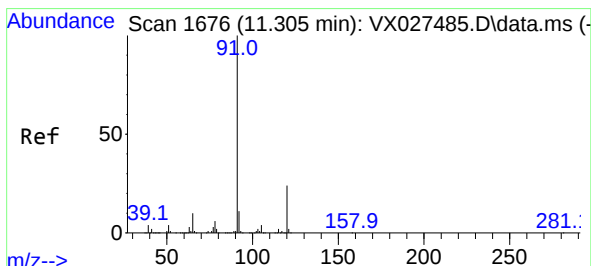
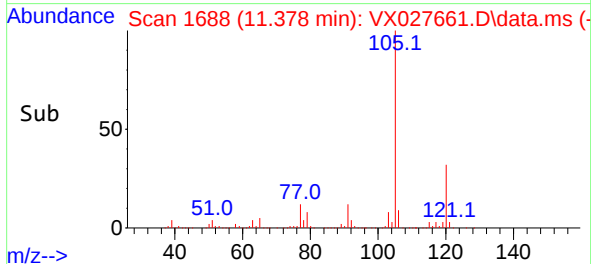
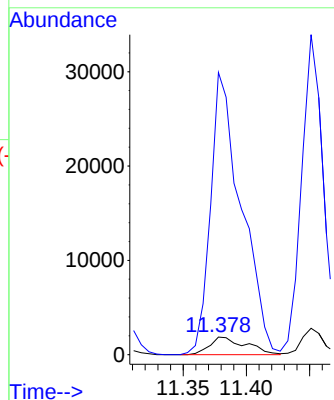
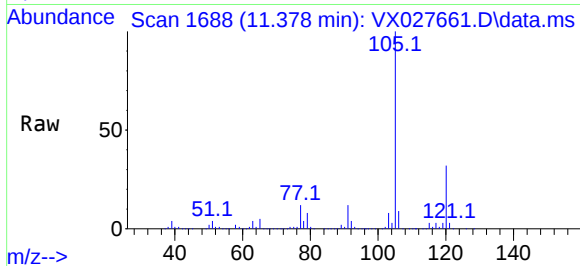




#76  
1,2,3-Trichloropropane  
Concen: 0.778 ug/l  
RT: 11.378 min Scan# 1688  
Delta R.T. 0.134 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

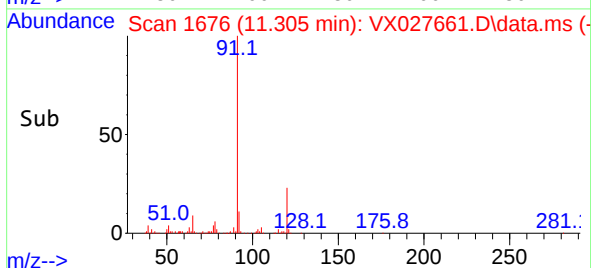
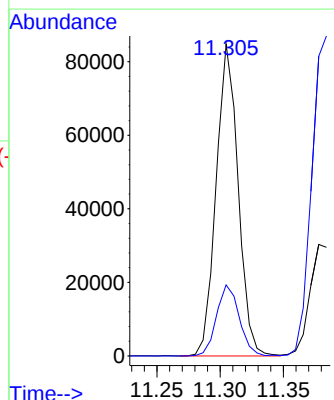
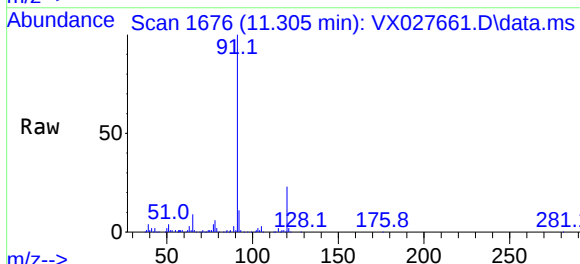
Instrument :  
MSVOA\_X  
ClientSampleId :

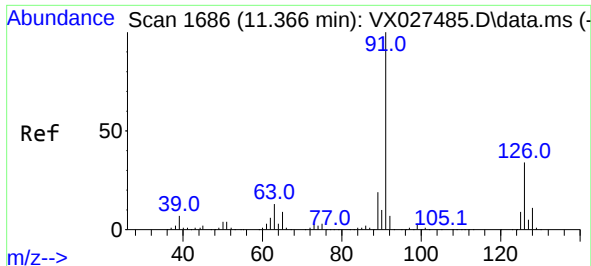
Tgt Ion: 75 Resp: 3759  
Ion Ratio Lower Upper  
75 100  
77 1350.4 19.4 58.2#



#78  
n-propylbenzene  
Concen: 5.537 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Tgt Ion: 91 Resp: 102249  
Ion Ratio Lower Upper  
91 100  
120 23.6 11.6 34.8





#79

2-Chlorotoluene

Concen: 4.750 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX027661.D

Acq: 23 Mar 2022 12:42

Instrument :

MSVOA\_X

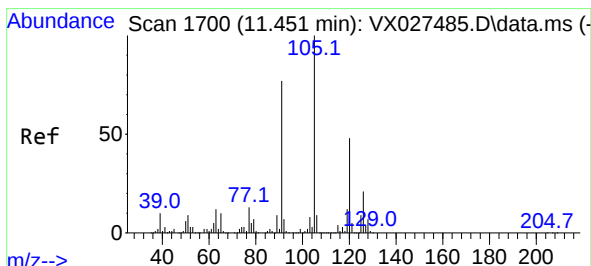
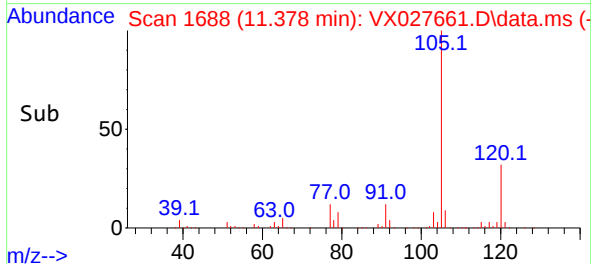
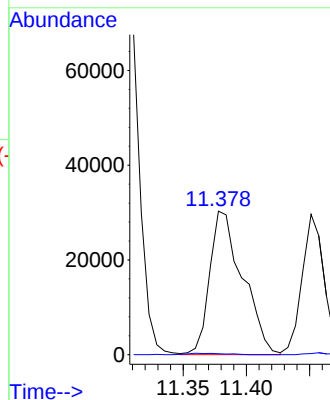
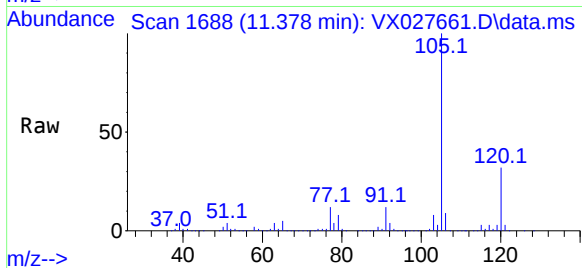
ClientSampleId :

Tgt Ion: 91 Resp: 55023

Ion Ratio Lower Upper

91 100

126 1.1 17.3 51.9#



#80

1,3,5-Trimethylbenzene

Concen: 25.159 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX027661.D

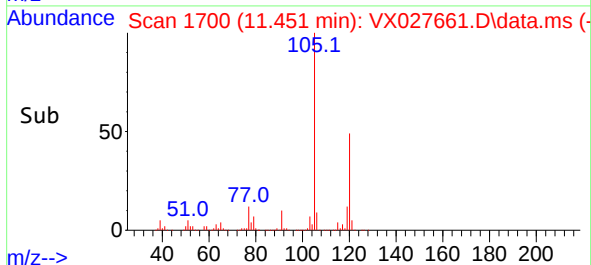
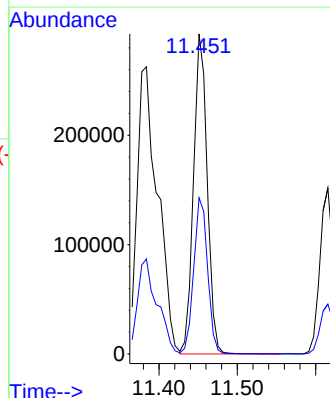
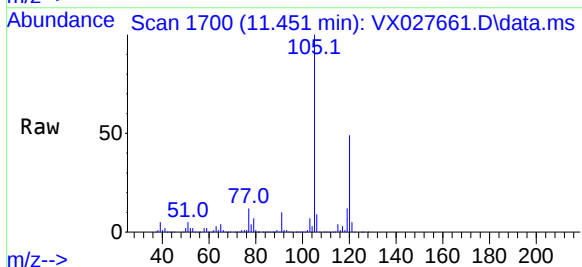
Acq: 23 Mar 2022 12:42

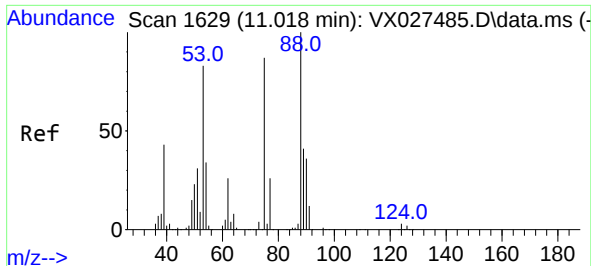
Tgt Ion:105 Resp: 356181

Ion Ratio Lower Upper

105 100

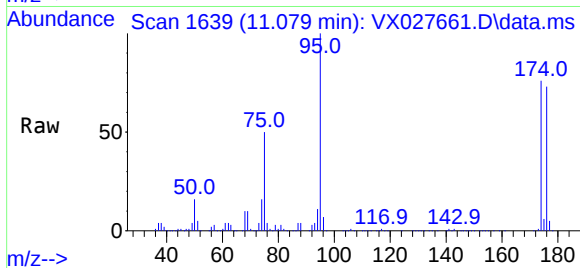
120 49.5 24.3 72.9



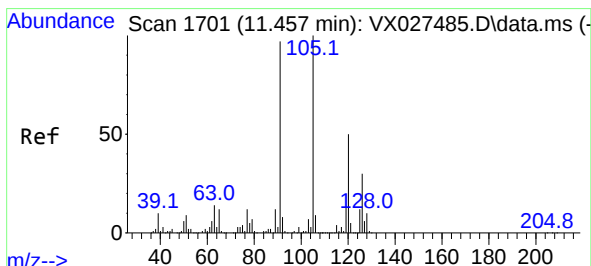
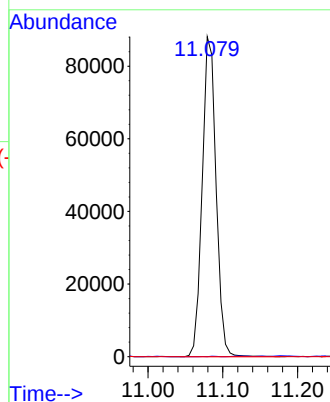
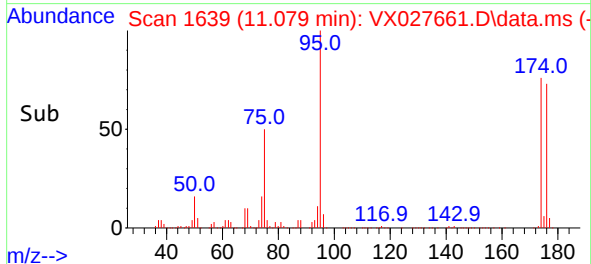


#81  
trans-1,4-Dichloro-2-butene  
Concen: 71.301 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.061 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Instrument :  
MSVOA\_X  
ClientSampleId :

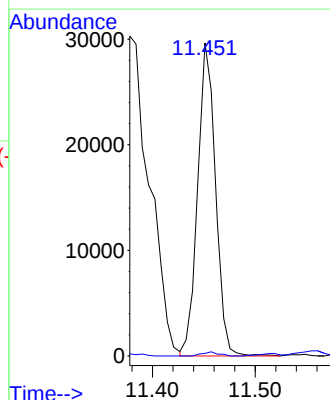
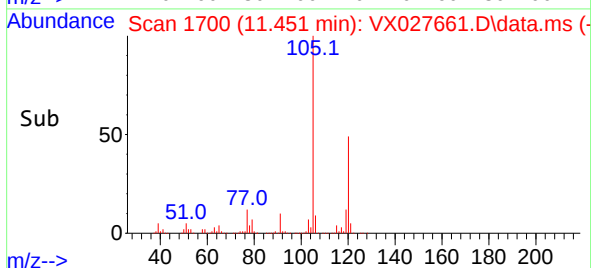
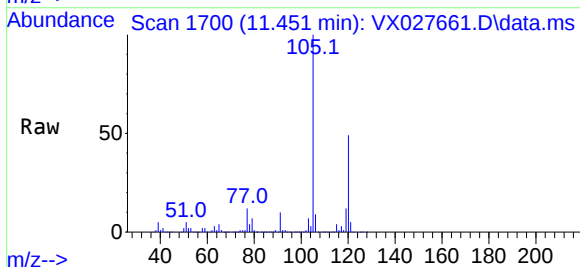


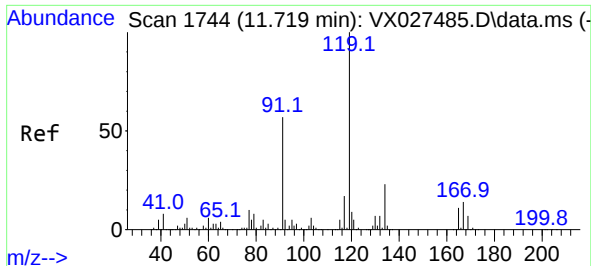
Tgt Ion: 75 Resp: 113404  
Ion Ratio Lower Upper  
75 100  
53 0.1 69.0 103.4#  
89 0.0 37.0 55.6#



#82  
4-Chlorotoluene  
Concen: 2.726 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Tgt Ion: 91 Resp: 35955  
Ion Ratio Lower Upper  
91 100  
126 1.2 14.9 44.5#

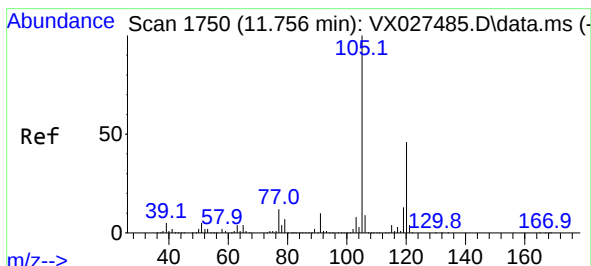
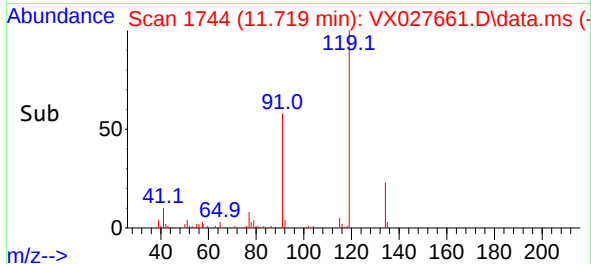
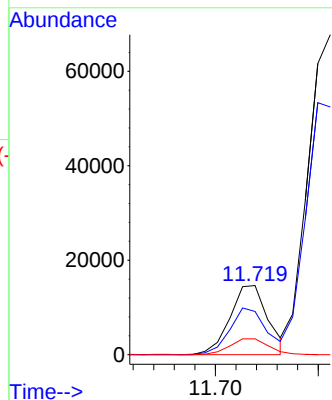
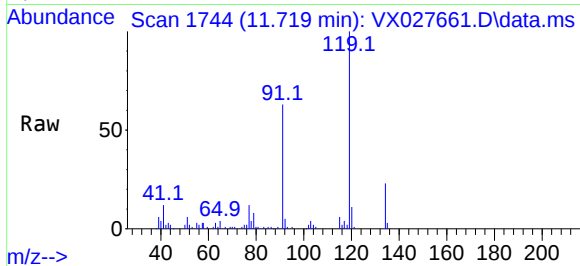




#83  
tert-Butylbenzene  
Concen: 1.335 ug/l  
RT: 11.719 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

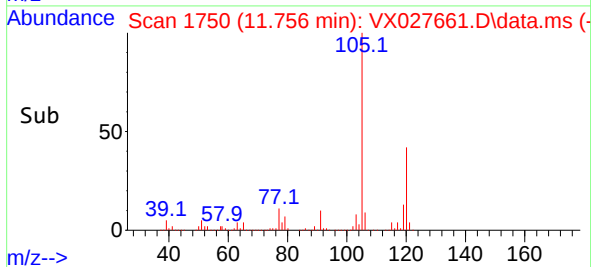
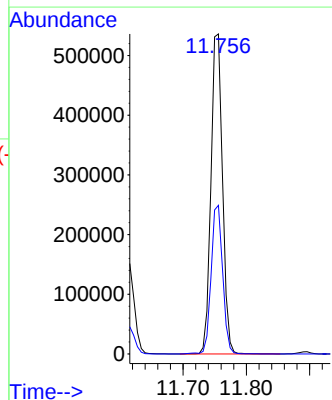
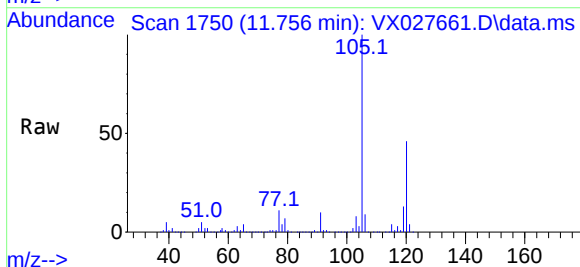
Instrument :  
MSVOA\_X  
ClientSampleId :

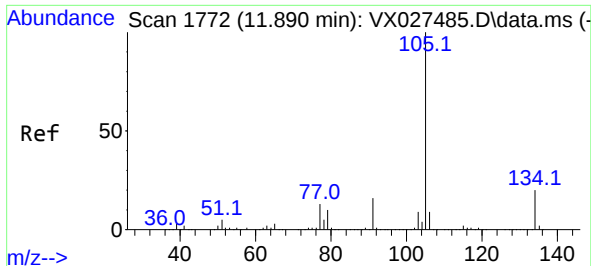
Tgt Ion:119 Resp: 18730  
Ion Ratio Lower Upper  
119 100  
91 66.6 26.9 80.6  
134 23.7 11.4 34.2



#84  
1,2,4-Trimethylbenzene  
Concen: 48.208 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Tgt Ion:105 Resp: 680644  
Ion Ratio Lower Upper  
105 100  
120 46.4 22.6 67.8

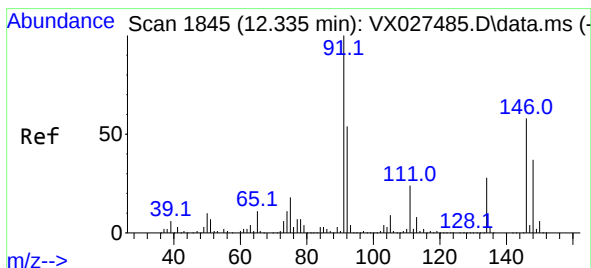
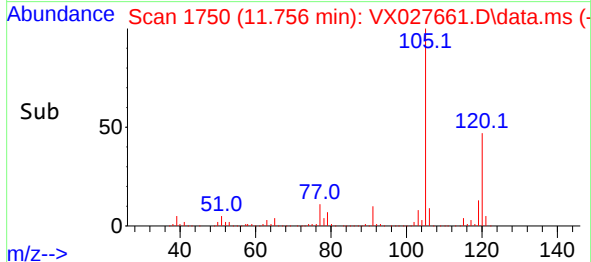
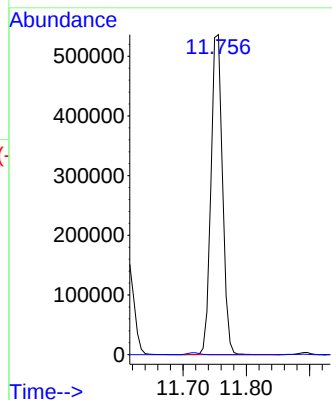
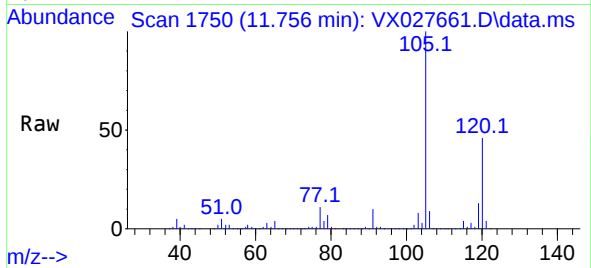




#85  
 sec-Butylbenzene  
 Concen: 40.160 ug/l  
 RT: 11.756 min Scan# 11  
 Delta R.T. -0.134 min  
 Lab File: VX027661.D  
 Acq: 23 Mar 2022 12:42

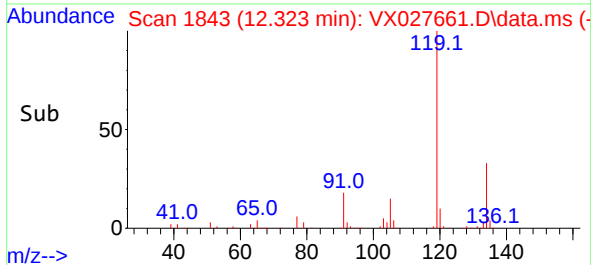
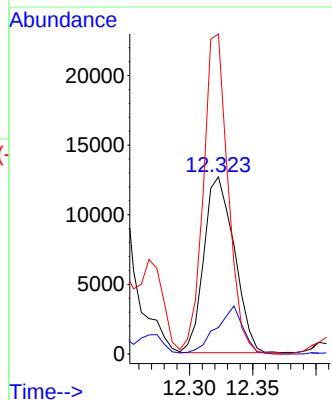
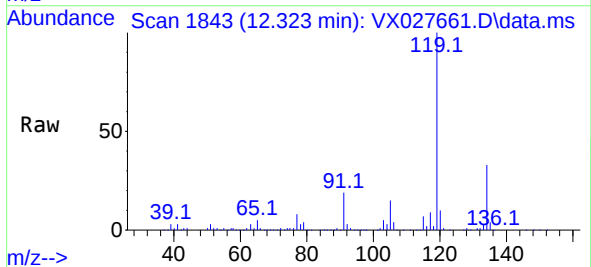
Instrument :  
 MSVOA\_X  
 ClientSampleId :

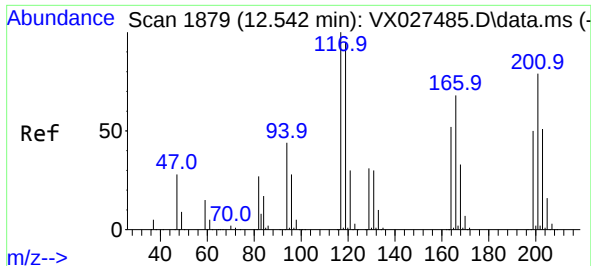
Tgt Ion:105 Resp: 680644  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 10.2 30.4#



#89  
 n-Butylbenzene  
 Concen: 1.741 ug/l  
 RT: 12.323 min Scan# 1843  
 Delta R.T. -0.012 min  
 Lab File: VX027661.D  
 Acq: 23 Mar 2022 12:42

Tgt Ion: 91 Resp: 21156  
 Ion Ratio Lower Upper  
 91 100  
 92 24.3 27.8 83.3#  
 134 148.1 13.3 39.8#

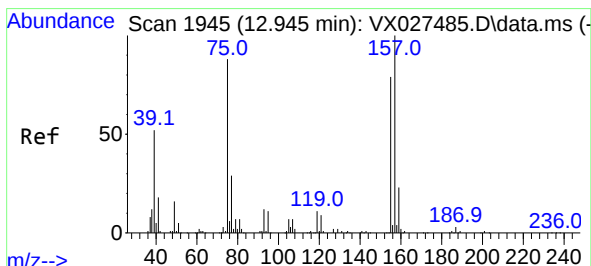
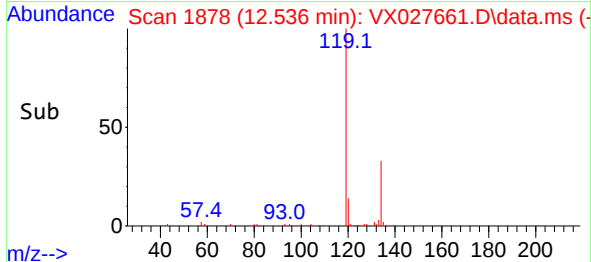
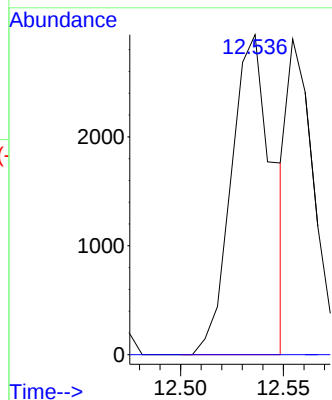
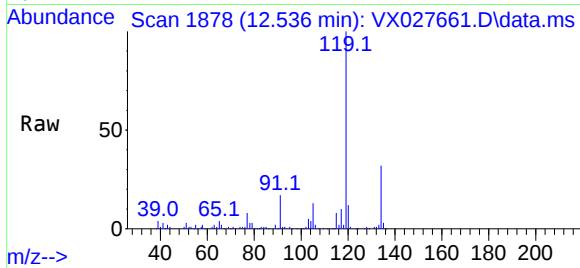




#90  
Hexachloroethane  
Concen: 1.779 ug/l  
RT: 12.536 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

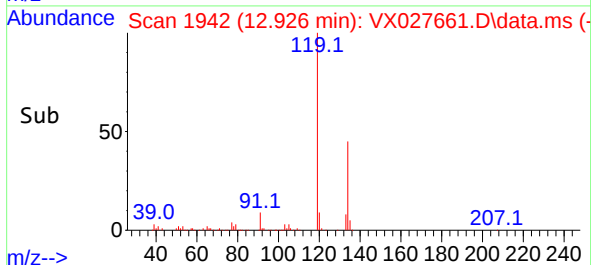
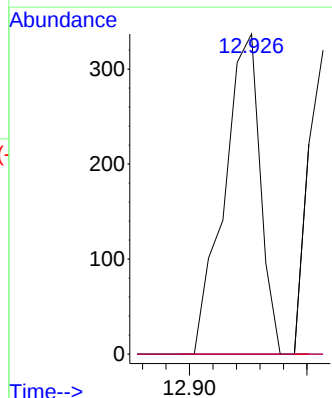
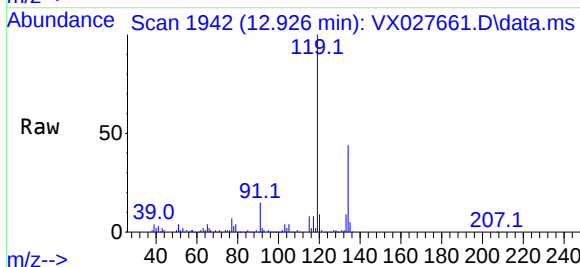
Instrument :  
MSVOA\_X  
ClientSampleId :

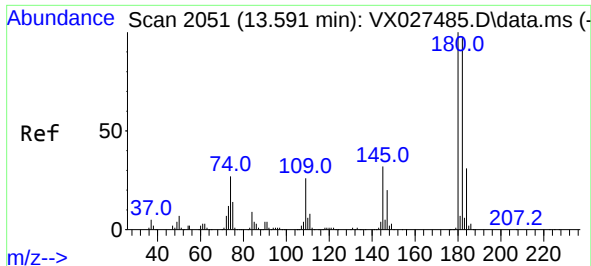
Tgt Ion:117 Resp: 4130  
Ion Ratio Lower Upper  
117 100  
201 0.0 39.5 118.5#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.294 ug/l  
RT: 12.926 min Scan# 1942  
Delta R.T. -0.018 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

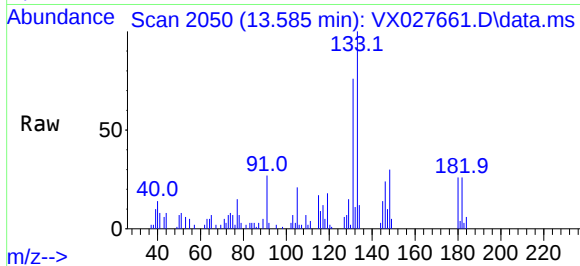
Tgt Ion: 75 Resp: 359  
Ion Ratio Lower Upper  
75 100  
155 0.0 47.0 141.2#  
157 0.0 57.9 173.6#



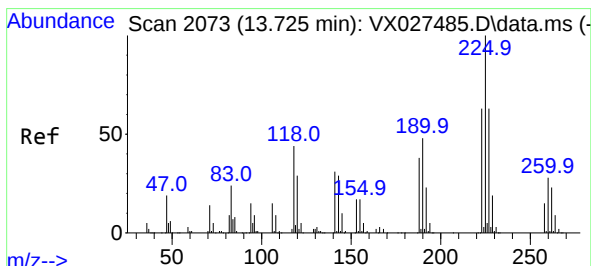
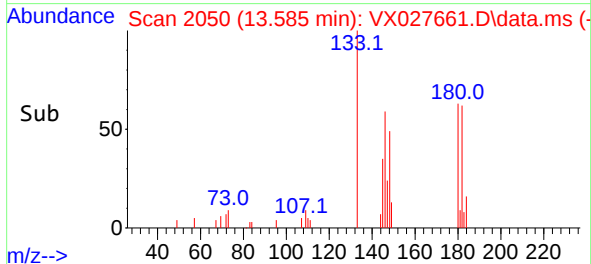
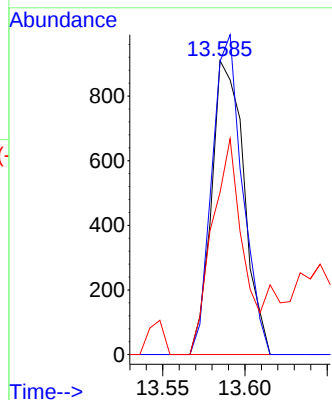


#93  
1,2,4-Trichlorobenzene  
Concen: 0.253 ug/l  
RT: 13.585 min Scan# 2051  
Delta R.T. -0.006 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Instrument :  
MSVOA\_X  
ClientSampleId :

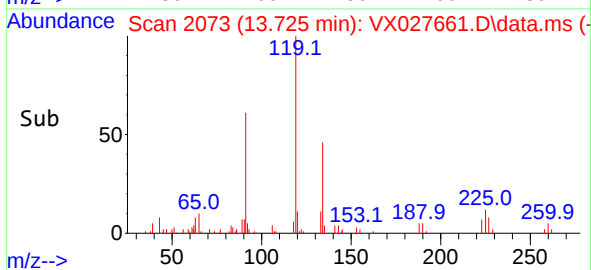
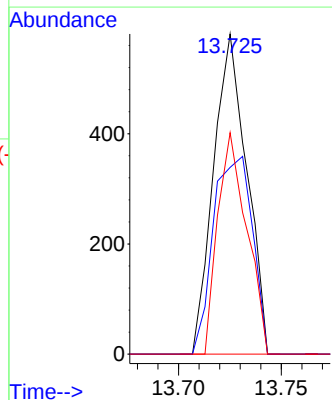
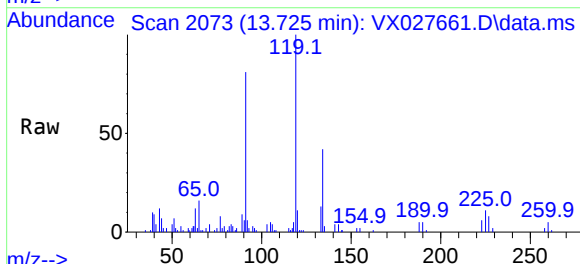


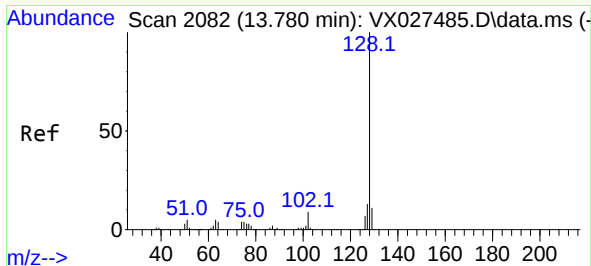
Tgt Ion:180 Resp: 1246  
Ion Ratio Lower Upper  
180 100  
182 102.2 47.7 143.1  
145 69.9 15.2 45.5#



#94  
Hexachlorobutadiene  
Concen: 0.301 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

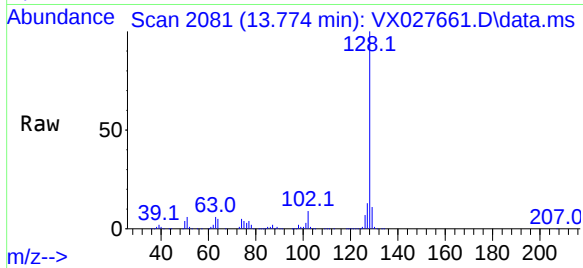
Tgt Ion:225 Resp: 653  
Ion Ratio Lower Upper  
225 100  
223 72.4 34.2 102.5  
227 60.5 33.9 101.7



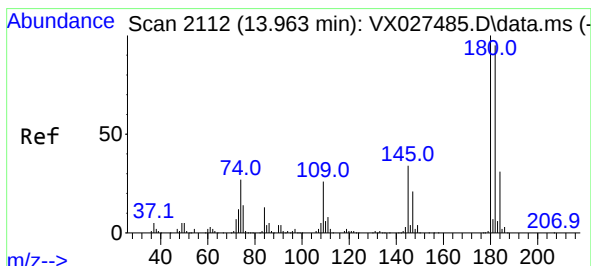
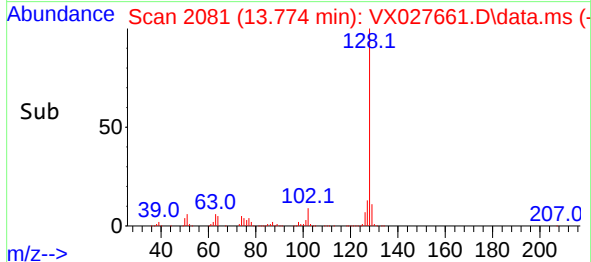
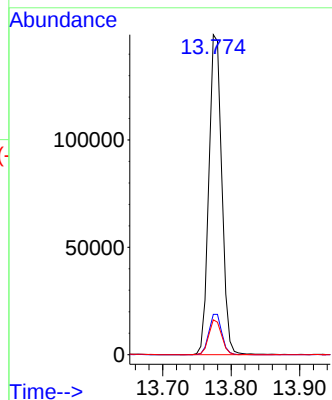


#95  
Naphthalene  
Concen: 12.265 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.006 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 196303  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.4  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 0.241 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX027661.D  
Acq: 23 Mar 2022 12:42

Tgt Ion:180 Resp: 1201  
Ion Ratio Lower Upper  
180 100  
182 90.8 50.0 149.8  
145 44.1 16.2 48.5

