

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032222\  
 Data File : VX027621.D  
 Acq On : 22 Mar 2022 17:51  
 Operator : JC/MD  
 Sample : N1998-19  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP031622

Quant Time: Mar 23 01:49:01 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  | 355912   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 568065   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 520838   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 249685   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 188523   | 42.998   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 86.000% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 181641   | 49.699   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 99.400% |
| 50) Toluene-d8              | 8.653  | 98    | 674025   | 48.735   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 97.480% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 246119   | 48.416   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 96.840% |

|                               |        |     |         |           |        |    |
|-------------------------------|--------|-----|---------|-----------|--------|----|
| Target Compounds              |        |     | Qvalue  |           |        |    |
| 3) Chloromethane              | 1.295  | 50  | 3593    | 1.185     | ug/l # | 65 |
| 5) Bromomethane               | 1.618  | 94  | 642     | Below Cal |        | 89 |
| 11) Tert butyl alcohol        | 2.965  | 59  | 36734   | 43.961    | ug/l   | 99 |
| 13) Acrolein                  | 2.203  | 56  | 130     | 0.200     | ug/l # | 1  |
| 15) Acrylonitrile             | 3.105  | 53  | 3798    | 1.999     | ug/l # | 33 |
| 16) Acetone                   | 2.380  | 43  | 33766   | 18.894    | ug/l   | 95 |
| 17) Carbon Disulfide          | 2.514  | 76  | 5475    | 0.651     | ug/l # | 94 |
| 18) Methyl Acetate            | 2.709  | 43  | 2175    | 0.508     | ug/l # | 46 |
| 19) Methyl tert-butyl Ether   | 3.117  | 73  | 117502  | 10.538    | ug/l # | 44 |
| 22) Diisopropyl ether         | 3.776  | 45  | 4606    | 0.456     | ug/l # | 69 |
| 23) Vinyl Acetate             | 3.770  | 43  | 2441    | 0.278     | ug/l # | 66 |
| 25) 2-Butanone                | 4.568  | 43  | 11572   | 4.304     | ug/l # | 87 |
| 26) 2,2-Dichloropropane       | 4.300  | 77  | 2726    | 0.543     | ug/l # | 52 |
| 29) Tetrahydrofuran           | 5.032  | 42  | 1485    | 0.861     | ug/l # | 80 |
| 31) Cyclohexane               | 5.477  | 56  | 108840  | 19.991    | ug/l   | 99 |
| 36) 1,1-Dichloropropene       | 5.556  | 75  | 23309   | 4.667     | ug/l # | 50 |
| 37) Ethyl Acetate             | 4.568  | 43  | 11572   | 2.325     | ug/l # | 65 |
| 38) Carbon Tetrachloride      | 5.562  | 117 | 33604   | 5.881     | ug/l # | 15 |
| 39) Methylcyclohexane         | 7.379  | 83  | 172218  | 27.420    | ug/l   | 94 |
| 40) Benzene                   | 6.044  | 78  | 724284  | 50.547    | ug/l   | 98 |
| 42) 1,2-Dichloroethane        | 6.092  | 62  | 13576   | 2.528     | ug/l   | 96 |
| 43) Isopropyl Acetate         | 6.361  | 43  | 5213    | 0.651     | ug/l # | 56 |
| 45) 1,2-Dichloropropane       | 7.379  | 63  | 2104    | 0.576     | ug/l # | 1  |
| 47) Bromodichloromethane      | 7.769  | 83  | 1236    | 0.235     | ug/l # | 85 |
| 48) Methyl methacrylate       | 7.659  | 41  | 14614   | 3.687     | ug/l # | 42 |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43  | 11282   | 2.207     | ug/l   | 90 |
| 52) Toluene                   | 8.720  | 92  | 1830848 | 190.671   | ug/l   | 98 |
| 53) t-1,3-Dichloropropene     | 8.720  | 75  | 20264   | 3.761     | ug/l # | 1  |
| 55) 1,1,2-Trichloroethane     | 9.159  | 97  | 972     | 0.249     | ug/l # | 93 |
| 56) Ethyl methacrylate        | 9.104  | 69  | 5822    | 0.995     | ug/l # | 1  |
| 58) 2-Chloroethyl Vinyl ether | 8.184  | 63  | 1467    | Below Cal | #      | 45 |
| 59) 2-Hexanone                | 9.439  | 43  | 27391   | 6.956     | ug/l   | 67 |
| 60) Dibromochloromethane      | 9.275  | 129 | 1277    | 0.297     | ug/l # | 9  |
| 64) Tetrachloroethene         | 9.275  | 164 | 1260    | 0.311     | ug/l # | 87 |
| 67) Ethyl Benzene             | 10.201 | 91  | 8699048 | 474.348   | ug/l # | 82 |
| 68) m/p-Xylenes               | 10.311 | 106 | 7433493 | 1029.451  | ug/l   | 77 |

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 ALS Vial : 16 Sample Multiplier: 1

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 ClientSampleId :  
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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

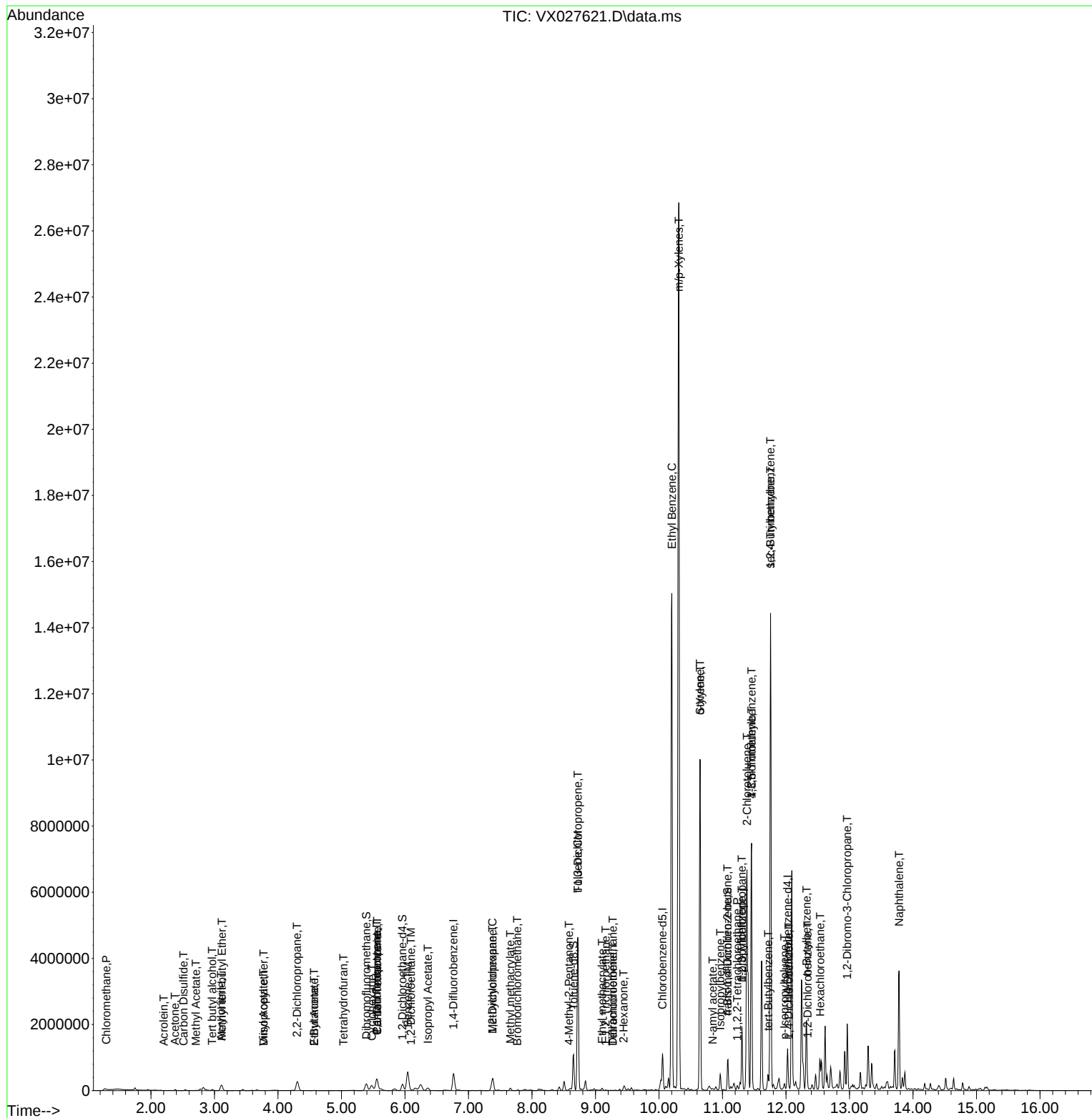
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 69) o-Xylene                  | 10.647 | 106  | 2271469  | 323.985 | ug/l   | 93       |
| 70) Styrene                   | 10.647 | 104  | 117884   | 10.293  | ug/l # | 1        |
| 73) Isopropylbenzene          | 10.964 | 105  | 249930   | 13.743  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.848 | 43   | 3225     | 0.500   | ug/l # | 47       |
| 75) 1,1,2,2-Tetrachloroethane | 11.232 | 83   | 1779     | 0.309   | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.305 | 75   | 6665     | 1.276   | ug/l # | 1        |
| 78) n-propylbenzene           | 11.305 | 91   | 1077940  | 53.994  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.384 | 91   | 585227   | 46.731  | ug/l # | 40       |
| 80) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 3357040  | 219.320 | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 114654   | 66.674  | ug/l # | 16       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 353157   | 24.767  | ug/l # | 45       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 177861   | 11.730  | ug/l   | 88       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 6126511  | 401.342 | ug/l   | 93       |
| 85) sec-Butylbenzene          | 11.756 | 105  | 6126511  | 334.344 | ug/l # | 56       |
| 86) p-Isopropyltoluene        | 11.976 | 119  | 61297    | 3.895   | ug/l # | 76       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 2311     | 0.269   | ug/l # | 50       |
| 89) n-Butylbenzene            | 12.323 | 91   | 223713   | 17.032  | ug/l # | 1        |
| 90) Hexachloroethane          | 12.536 | 117  | 35573    | 14.173  | ug/l # | 10       |
| 91) 1,2-Dichlorobenzene       | 12.341 | 146  | 3091     | 0.373   | ug/l # | 60       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.963 | 75   | 5659     | 4.283   | ug/l # | 2        |
| 95) Naphthalene               | 13.780 | 128  | 2298478  | 132.830 | ug/l   | 99       |

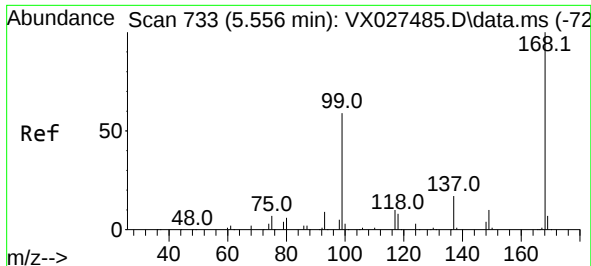
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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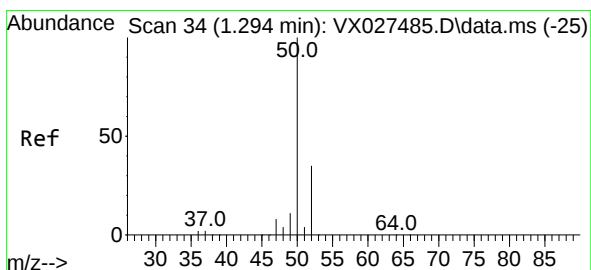
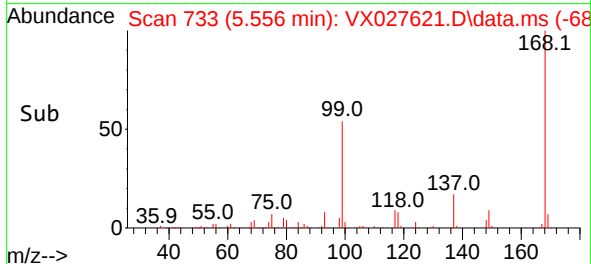
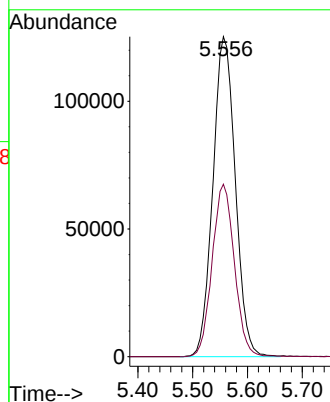
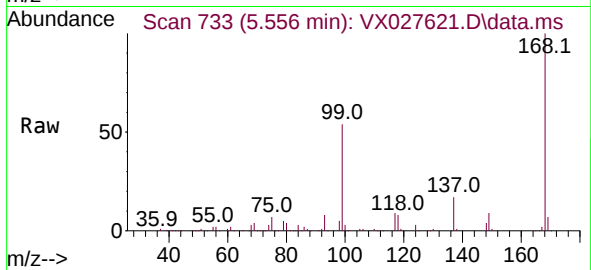




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

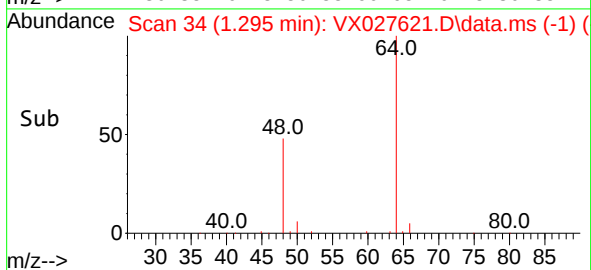
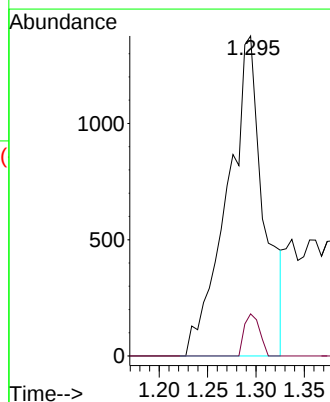
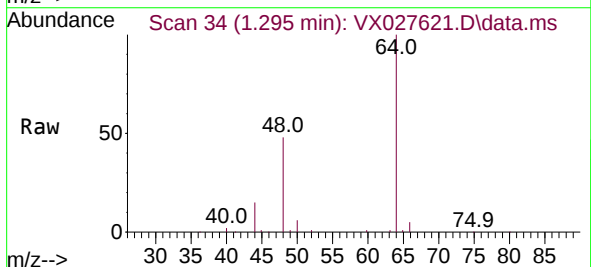
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MSVOA\_X  
ClientSampleId :  
DUP031622

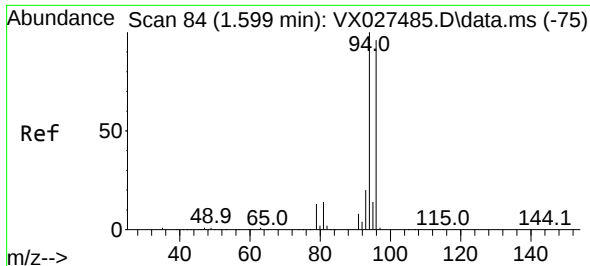
Tgt Ion:168 Resp: 355912  
Ion Ratio Lower Upper  
168 100  
99 53.9 41.7 62.5



#3  
Chloromethane  
Concen: 1.185 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

Tgt Ion: 50 Resp: 3593  
Ion Ratio Lower Upper  
50 100  
52 13.2 26.4 39.6#

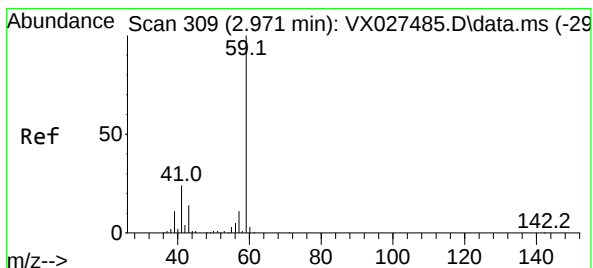
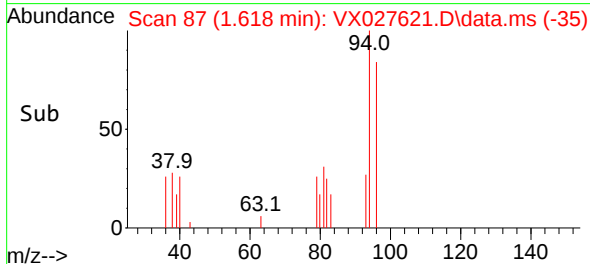
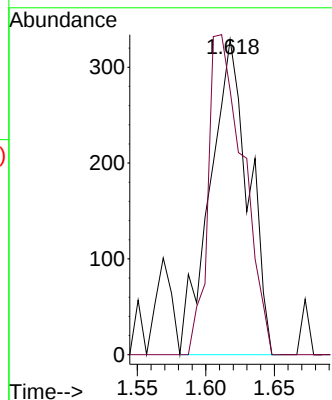
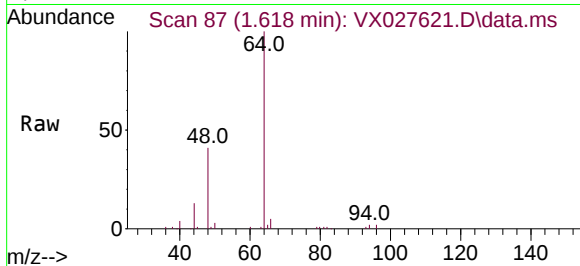




#5  
Bromomethane  
Concen: Below Cal  
RT: 1.618 min Scan# 81  
Delta R.T. 0.019 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

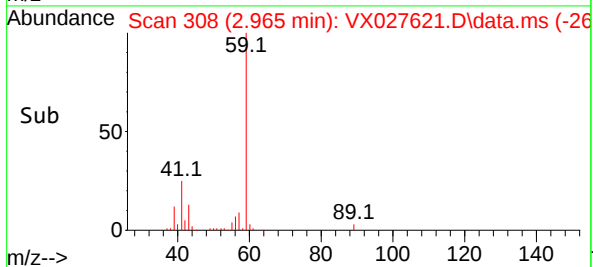
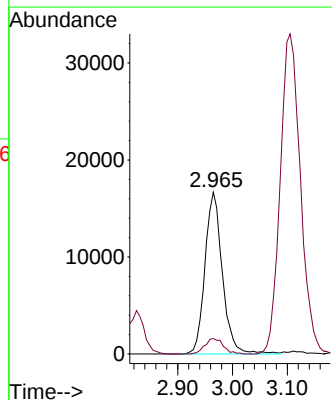
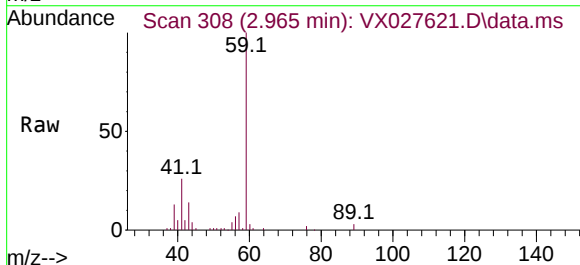
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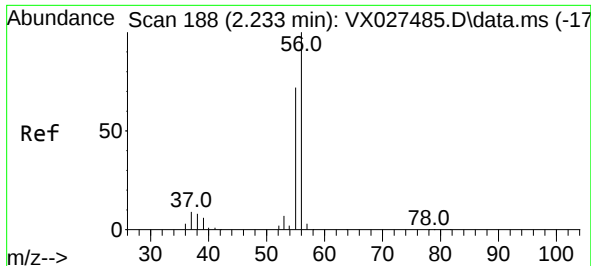
Tgt Ion: 94 Resp: 642  
Ion Ratio Lower Upper  
94 100  
96 83.9 75.3 112.9



#11  
Tert butyl alcohol  
Concen: 43.961 ug/l  
RT: 2.965 min Scan# 308  
Delta R.T. -0.006 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

Tgt Ion: 59 Resp: 36734  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.3 12.5

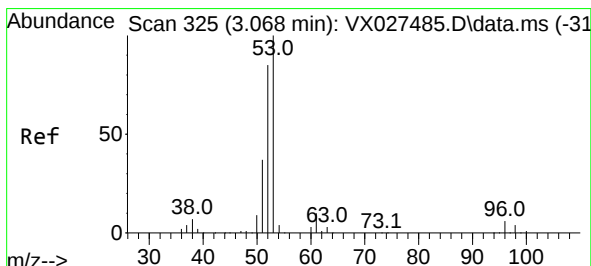
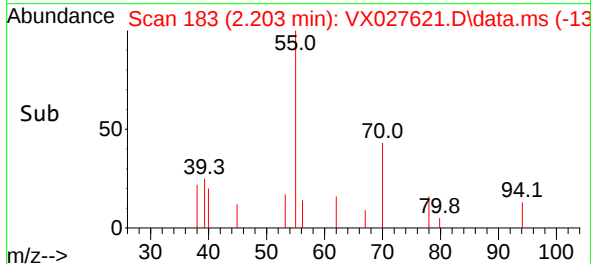
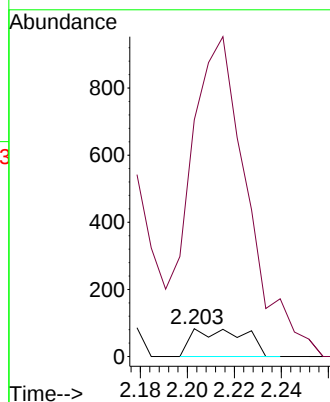
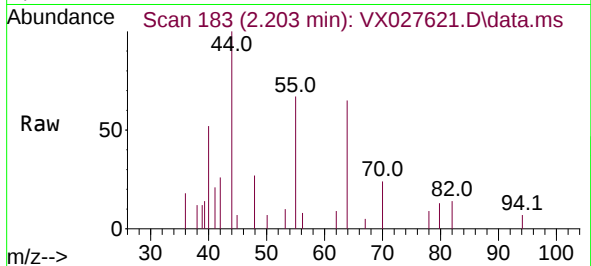




#13  
Acrolein  
Concen: 0.200 ug/l  
RT: 2.203 min Scan# 11  
Delta R.T. -0.030 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

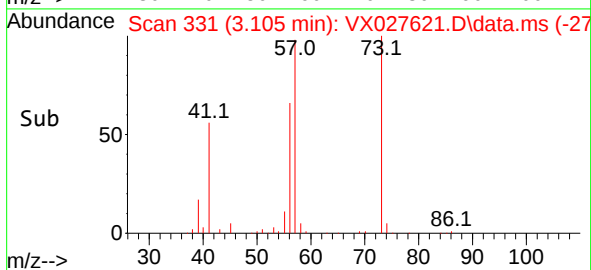
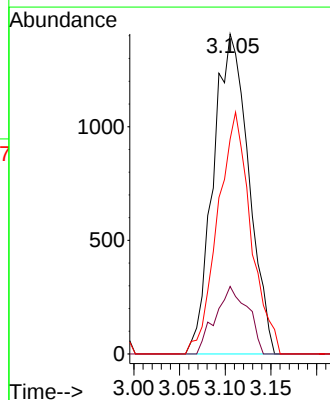
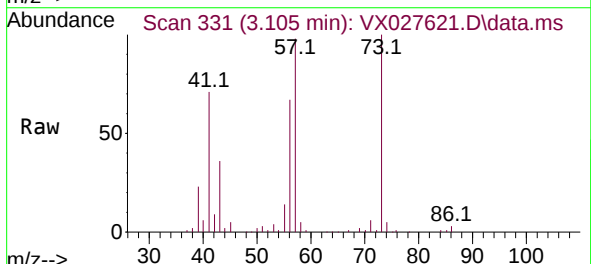
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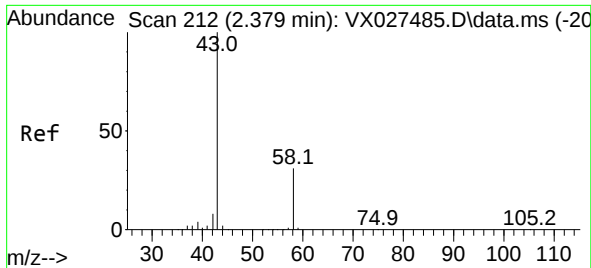
Tgt Ion: 56 Resp: 130  
Ion Ratio Lower Upper  
56 100  
55 1226.9 55.0 82.6#



#15  
Acrylonitrile  
Concen: 1.999 ug/l  
RT: 3.105 min Scan# 331  
Delta R.T. 0.037 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

Tgt Ion: 53 Resp: 3798  
Ion Ratio Lower Upper  
53 100  
52 19.3 65.7 98.5#  
51 70.7 28.4 42.6#

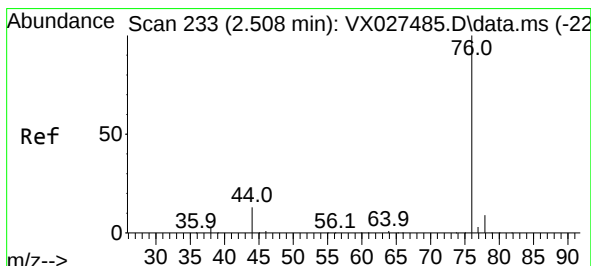
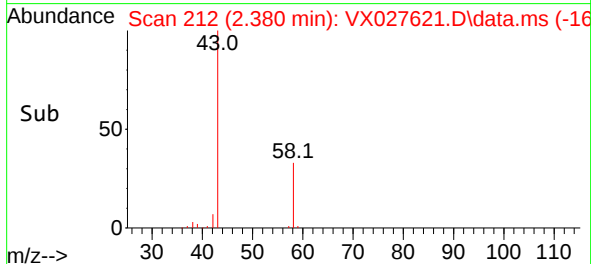
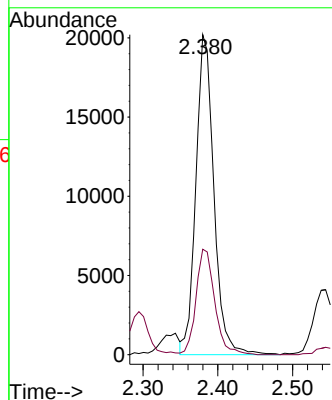
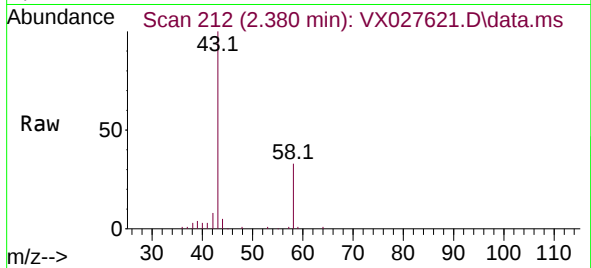




#16  
Acetone  
Concen: 18.894 ug/l  
RT: 2.380 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

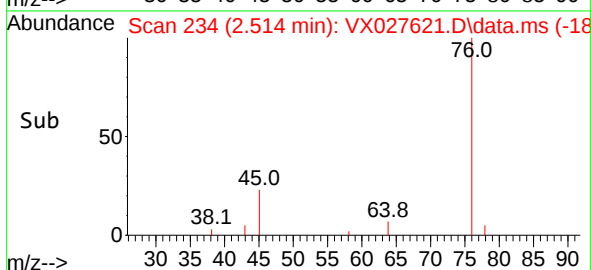
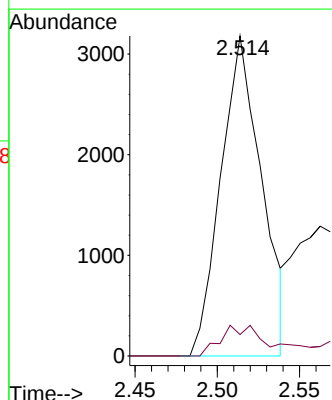
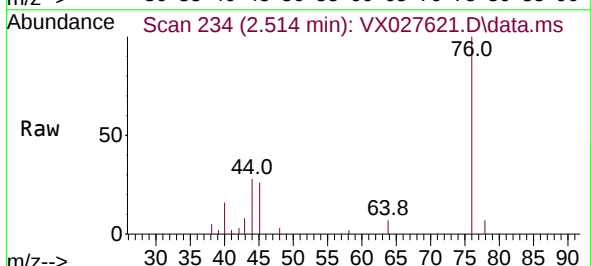
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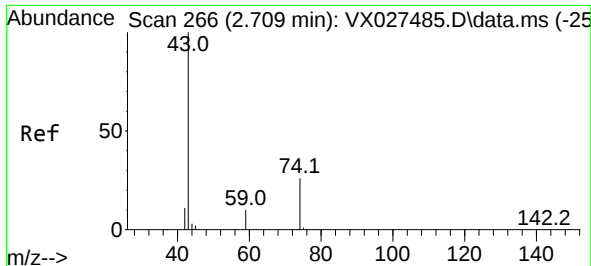
Tgt Ion: 43 Resp: 33766  
Ion Ratio Lower Upper  
43 100  
58 33.0 28.8 43.2



#17  
Carbon Disulfide  
Concen: 0.651 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. 0.006 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

Tgt Ion: 76 Resp: 5475  
Ion Ratio Lower Upper  
76 100  
78 6.7 7.2 10.8#

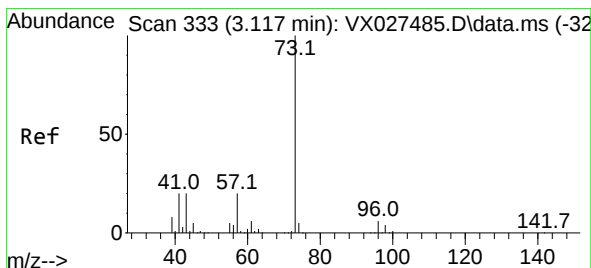
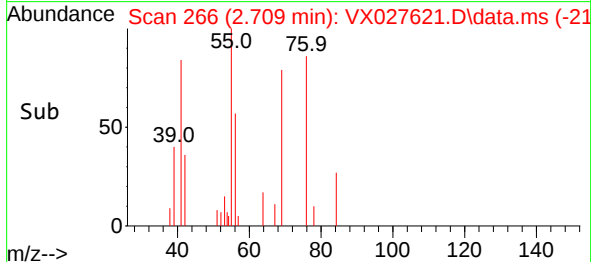
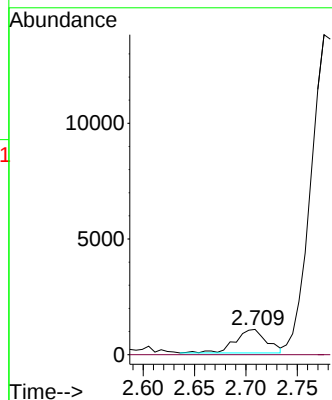
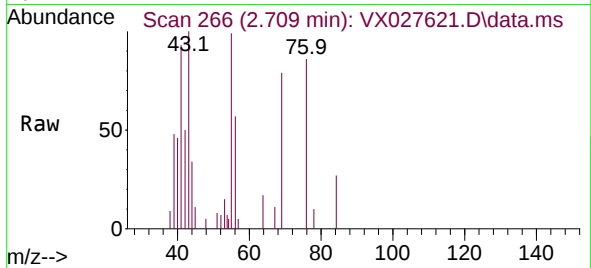




#18  
Methyl Acetate  
Concen: 0.508 ug/l  
RT: 2.709 min Scan# 2175  
Delta R.T. 0.000 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

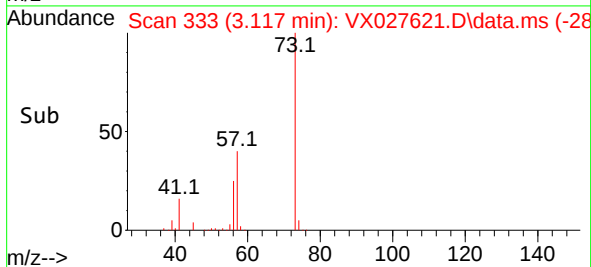
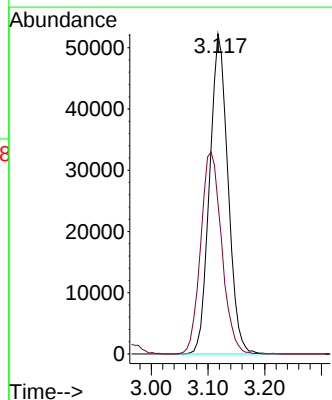
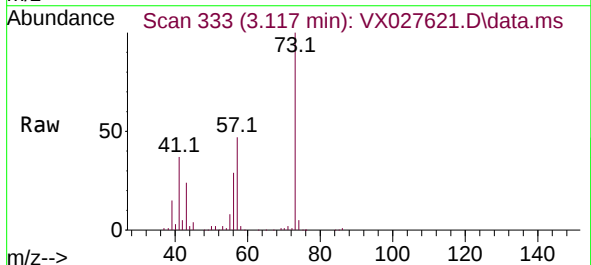
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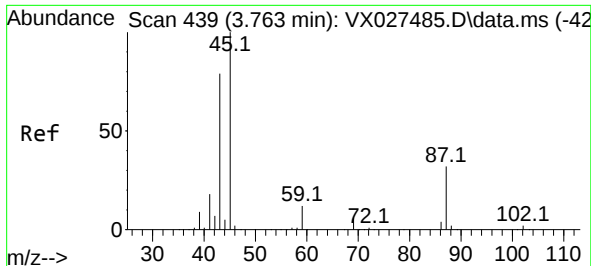
Tgt Ion: 43 Resp: 2175  
Ion Ratio Lower Upper  
43 100  
74 0.0 22.8 34.2#



#19  
Methyl tert-butyl Ether  
Concen: 10.538 ug/l  
RT: 3.117 min Scan# 333  
Delta R.T. 0.000 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

Tgt Ion: 73 Resp: 117502  
Ion Ratio Lower Upper  
73 100  
57 47.1 16.8 25.2#

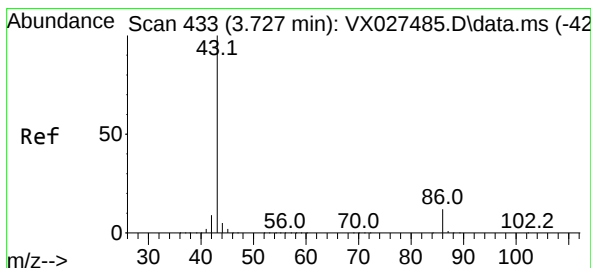
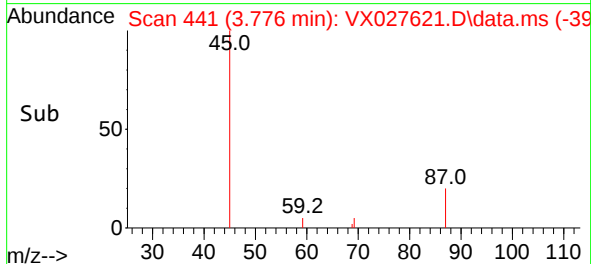
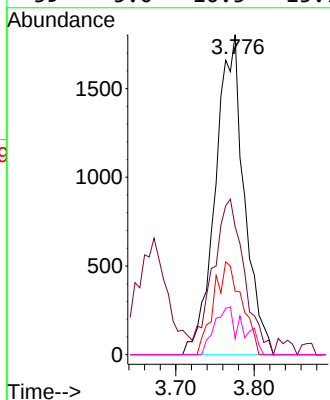
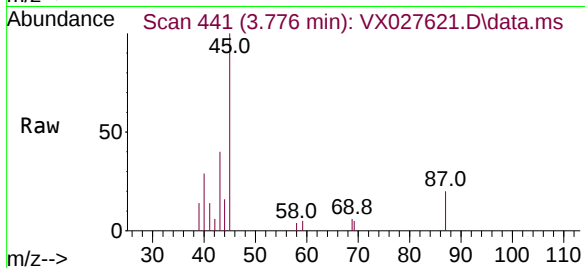




#22  
Diisopropyl ether  
Concen: 0.456 ug/l  
RT: 3.776 min Scan# 441  
Delta R.T. 0.012 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

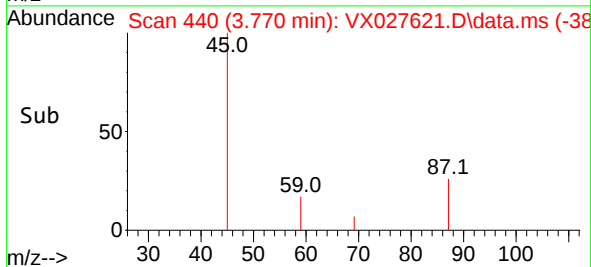
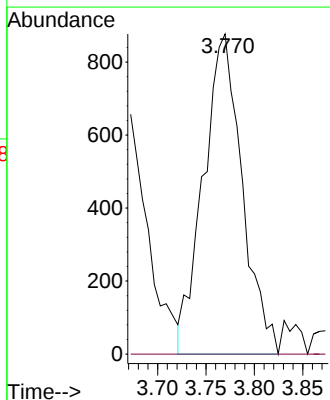
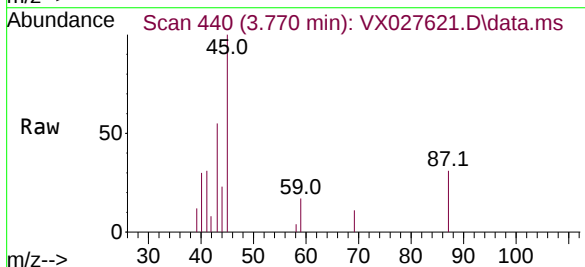
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP031622

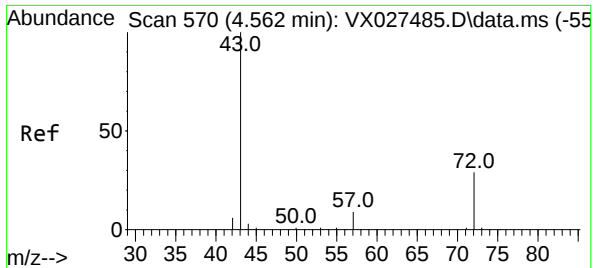
Tgt Ion: 45 Resp: 4606  
Ion Ratio Lower Upper  
45 100  
43 34.9 50.8 76.2#  
87 19.8 26.6 39.8#  
59 5.0 10.5 15.7#



#23  
Vinyl Acetate  
Concen: 0.278 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. 0.043 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

Tgt Ion: 43 Resp: 2441  
Ion Ratio Lower Upper  
43 100  
86 0.0 10.8 16.2#

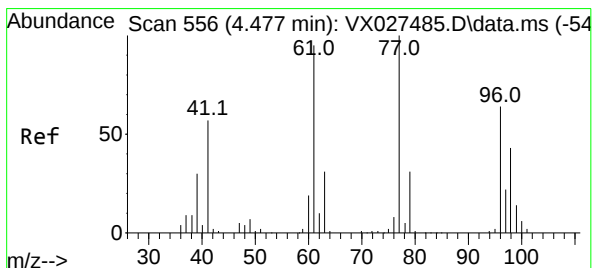
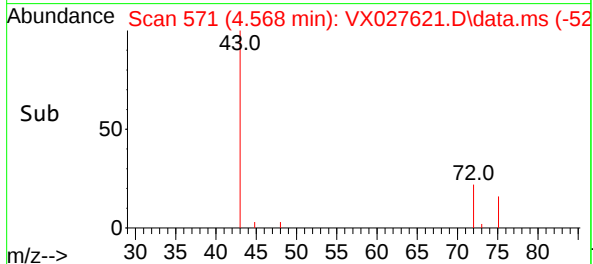
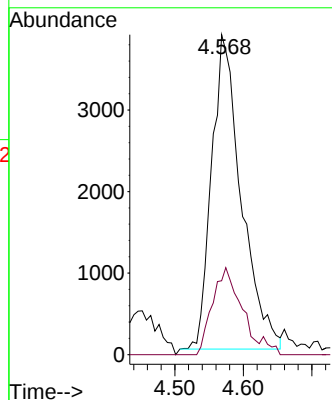
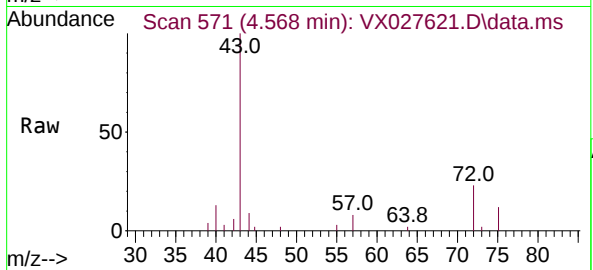




#25  
2-Butanone  
Concen: 4.304 ug/l  
RT: 4.568 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

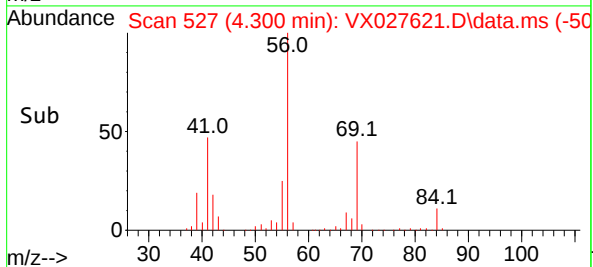
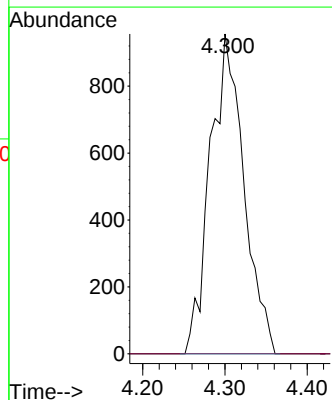
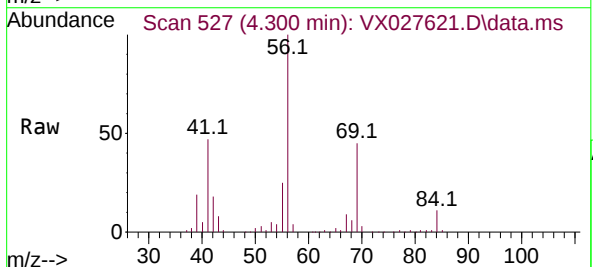
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP031622

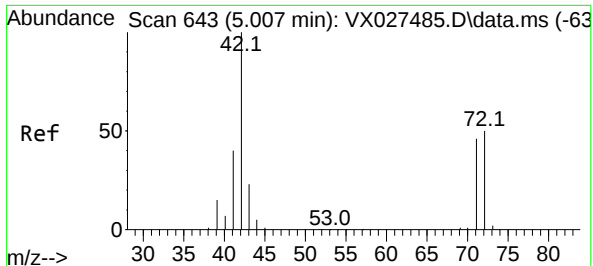
Tgt Ion: 43 Resp: 11572  
Ion Ratio Lower Upper  
43 100  
72 23.5 24.4 36.6#



#26  
2,2-Dichloropropane  
Concen: 0.543 ug/l  
RT: 4.300 min Scan# 527  
Delta R.T. -0.177 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

Tgt Ion: 77 Resp: 2726  
Ion Ratio Lower Upper  
77 100  
97 0.0 11.8 35.4#





#29

Tetrahydrofuran

Concen: 0.861 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Instrument :

MSVOA\_X

ClientSampleId :

DUP031622

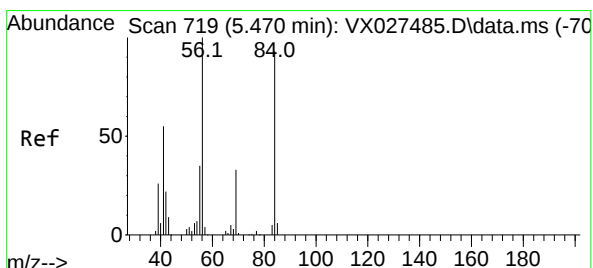
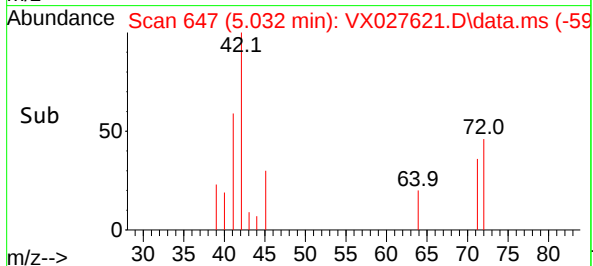
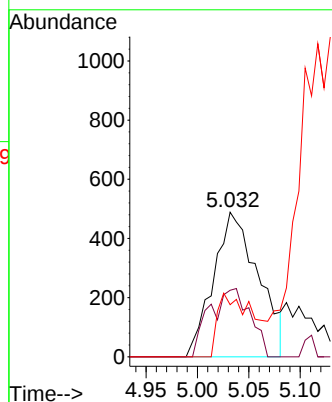
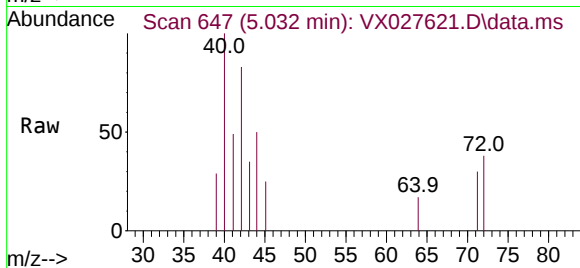
Tgt Ion: 42 Resp: 1485

Ion Ratio Lower Upper

42 100

72 42.6 44.1 66.1#

71 35.4 40.5 60.7#



#31

Cyclohexane

Concen: 19.991 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.006 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

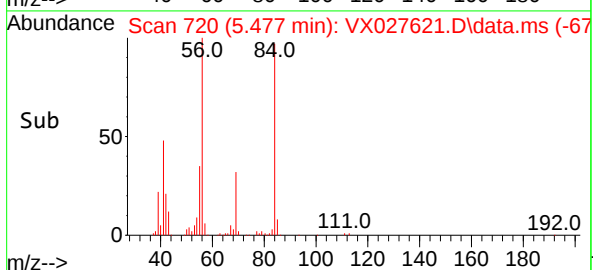
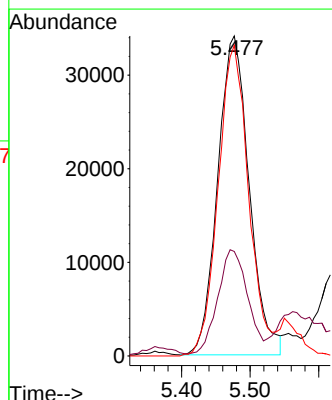
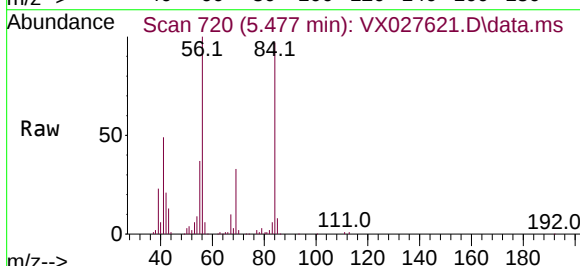
Tgt Ion: 56 Resp: 108840

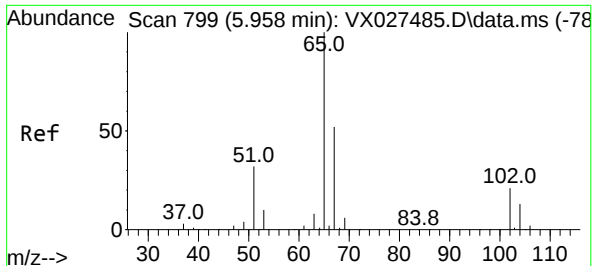
Ion Ratio Lower Upper

56 100

69 31.8 26.7 40.1

84 97.4 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 42.998 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Instrument :

MSVOA\_X

ClientSampleId :

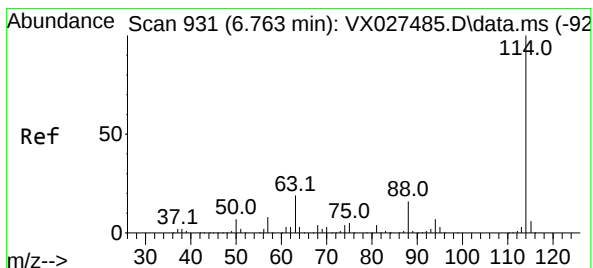
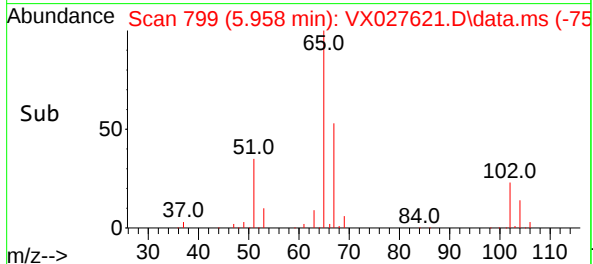
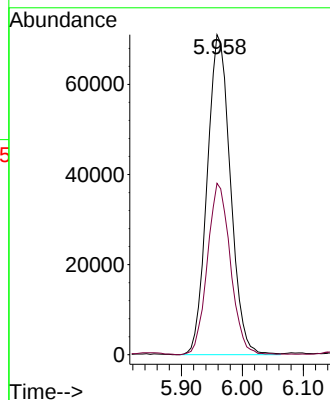
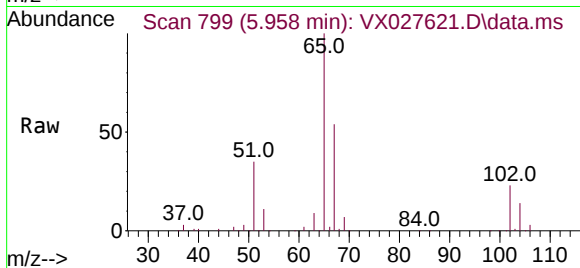
DUP031622

Tgt Ion: 65 Resp: 188523

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

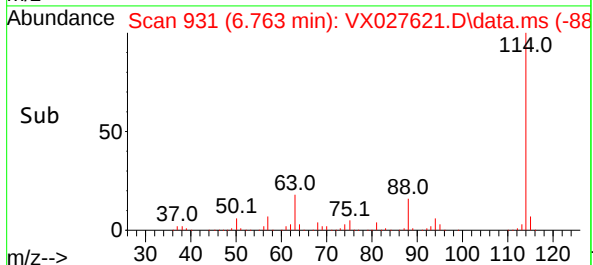
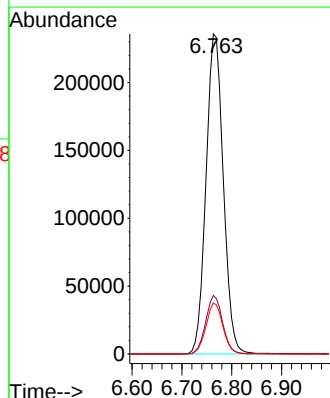
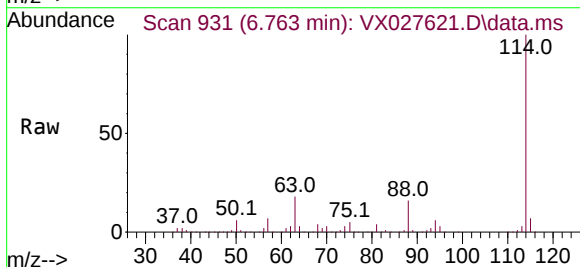
Tgt Ion: 114 Resp: 568065

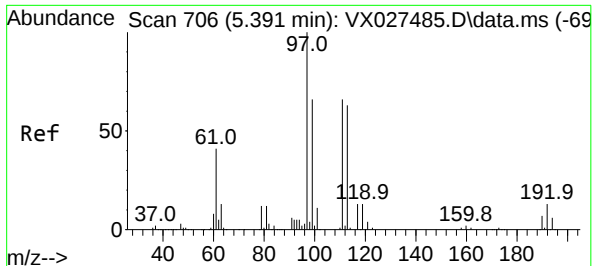
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.699 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Instrument :

MSVOA\_X

ClientSampleId :

DUP031622

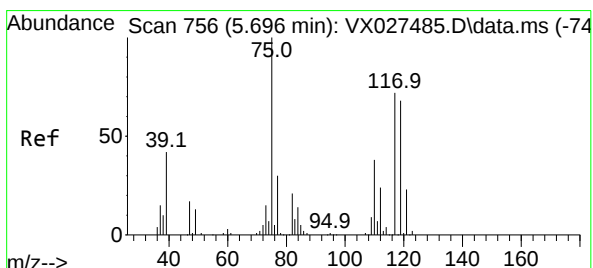
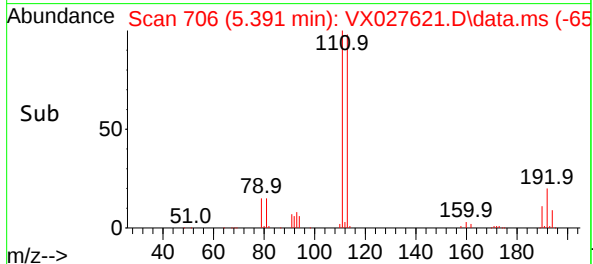
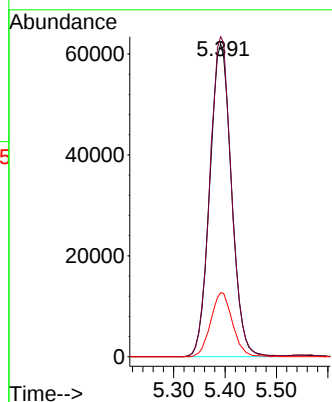
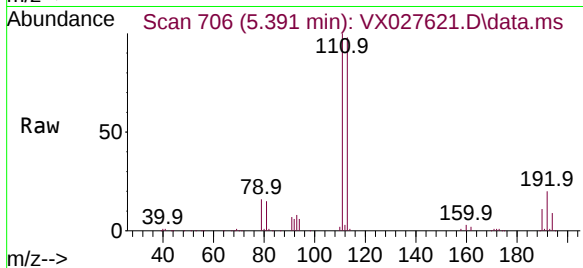
Tgt Ion:113 Resp: 181641

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

192 20.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.667 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

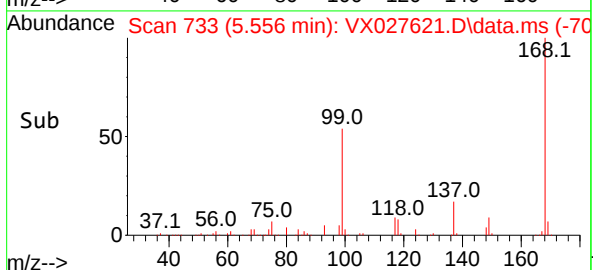
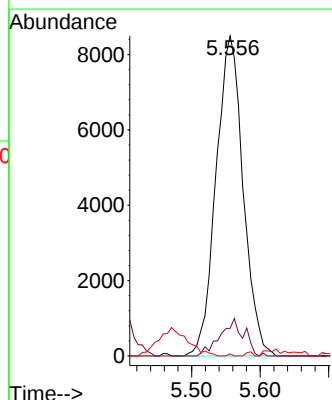
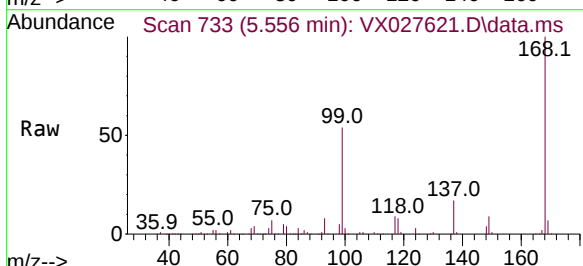
Tgt Ion: 75 Resp: 23309

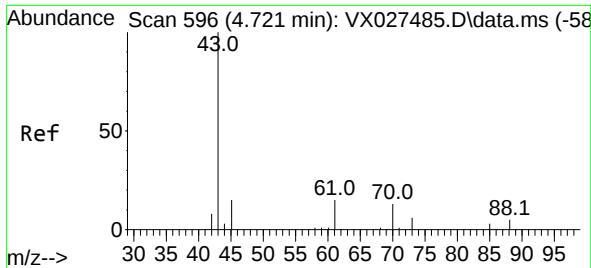
Ion Ratio Lower Upper

75 100

110 10.4 18.3 54.8#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 2.325 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.152 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Instrument :

MSVOA\_X

ClientSampleId :

DUP031622

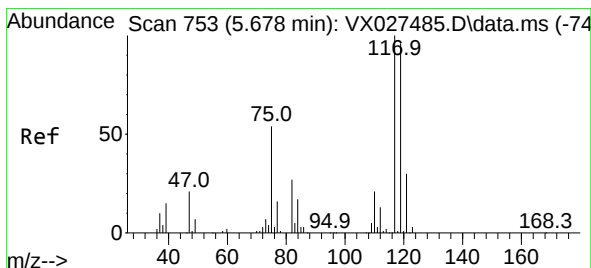
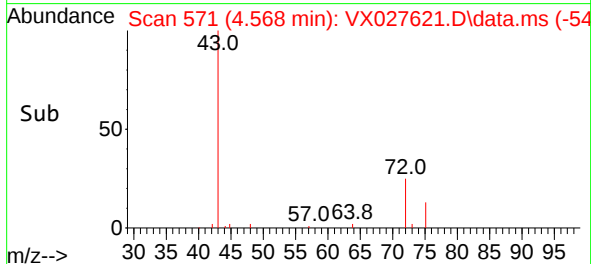
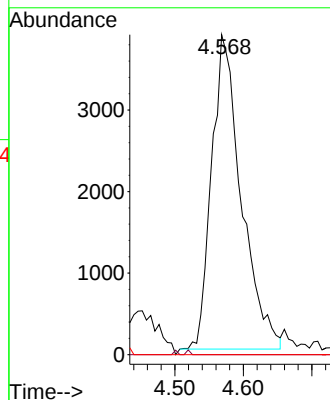
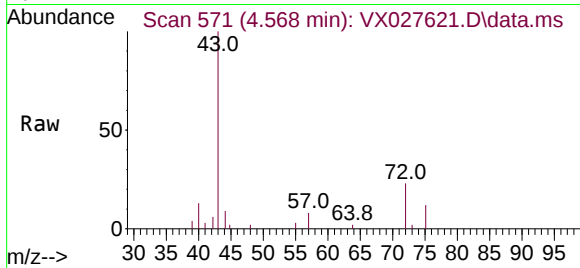
Tgt Ion: 43 Resp: 11572

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.881 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

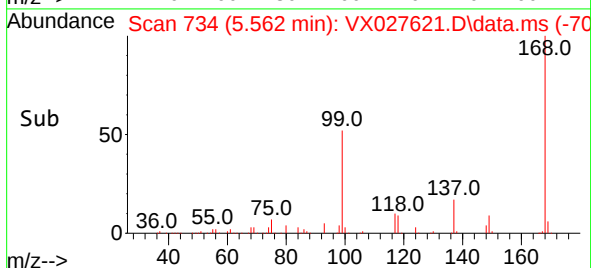
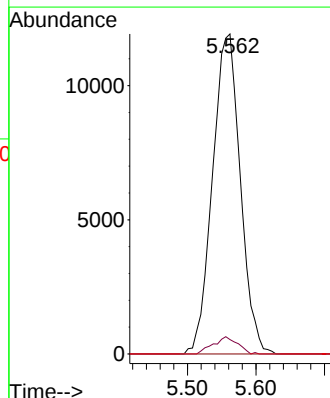
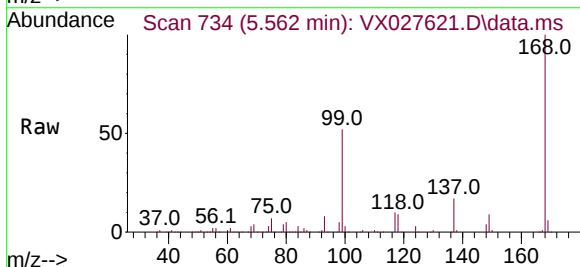
Tgt Ion: 117 Resp: 33604

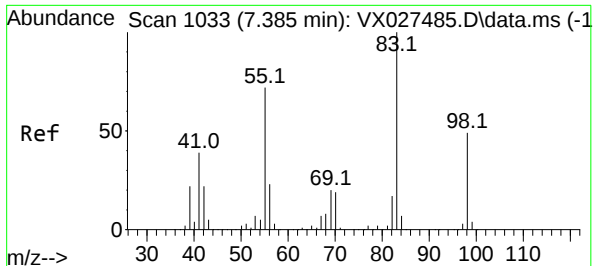
Ion Ratio Lower Upper

117 100

119 4.5 77.3 115.9#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 27.420 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Instrument :

MSVOA\_X

ClientSampleId :

DUP031622

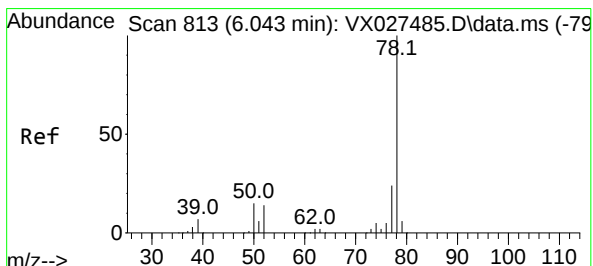
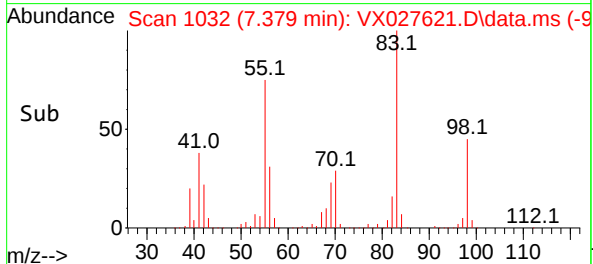
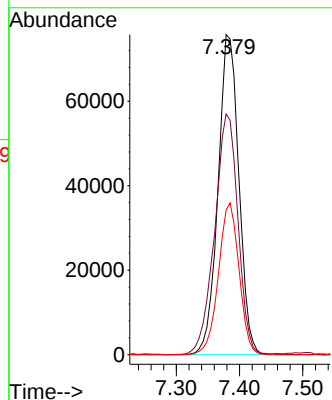
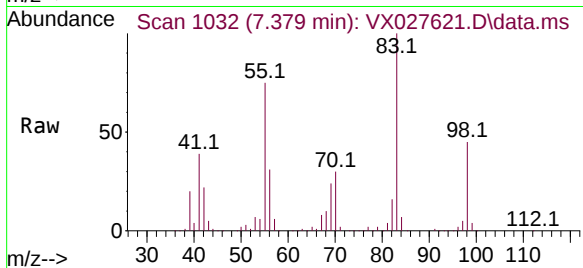
Tgt Ion: 83 Resp: 172218

Ion Ratio Lower Upper

83 100

55 75.1 54.6 81.8

98 45.2 37.4 56.2



#40

Benzene

Concen: 50.547 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX027621.D

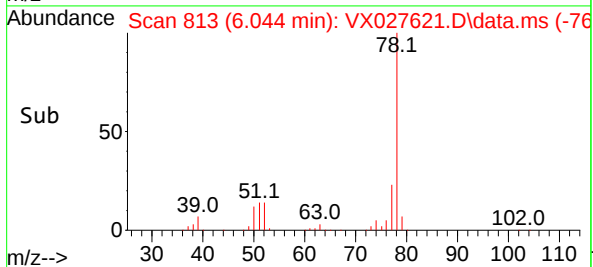
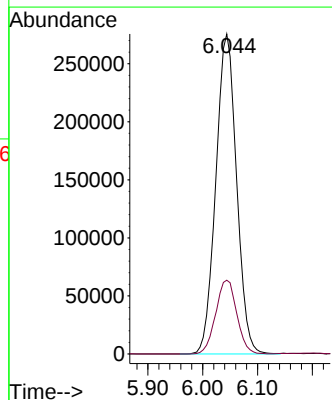
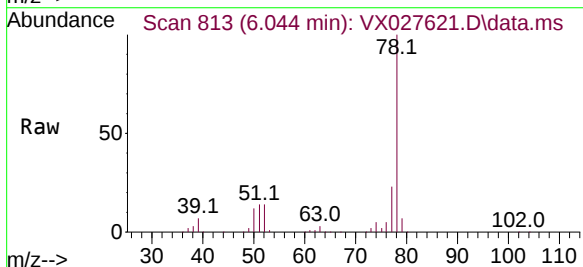
Acq: 22 Mar 2022 17:51

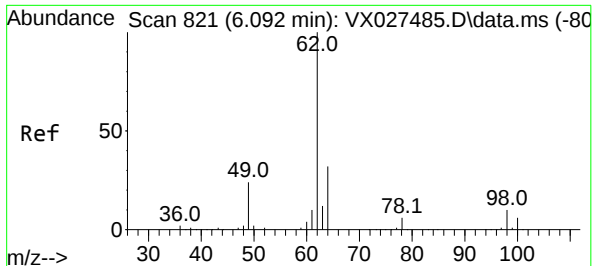
Tgt Ion: 78 Resp: 724284

Ion Ratio Lower Upper

78 100

77 23.1 19.3 28.9





#42

1,2-Dichloroethane

Concen: 2.528 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Instrument :

MSVOA\_X

ClientSampleId :

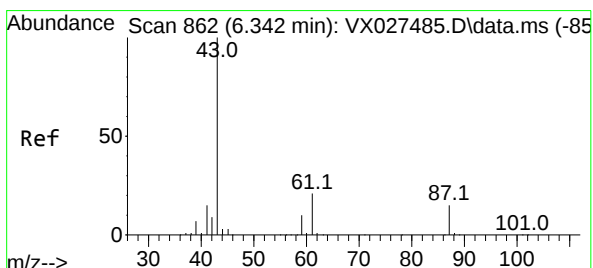
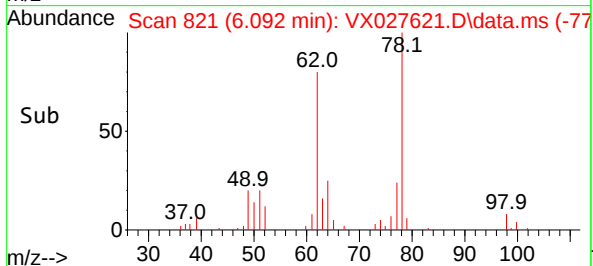
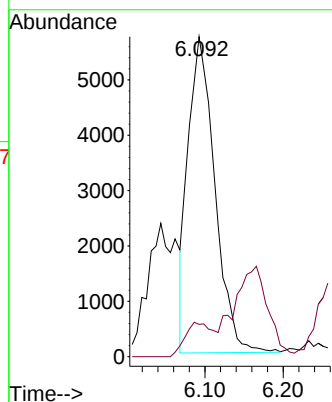
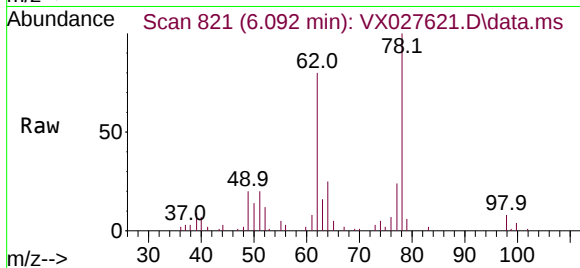
DUP031622

Tgt Ion: 62 Resp: 13576

Ion Ratio Lower Upper

62 100

98 11.7 0.0 20.4



#43

Isopropyl Acetate

Concen: 0.651 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.019 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

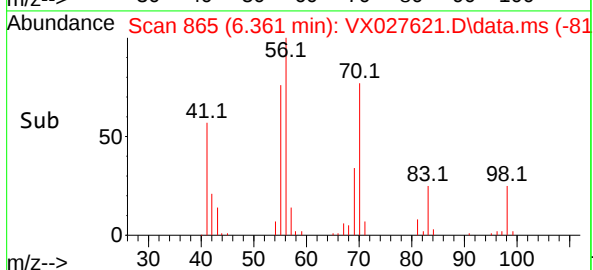
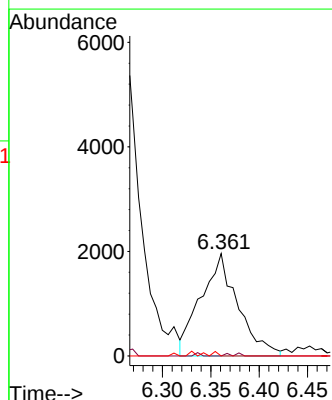
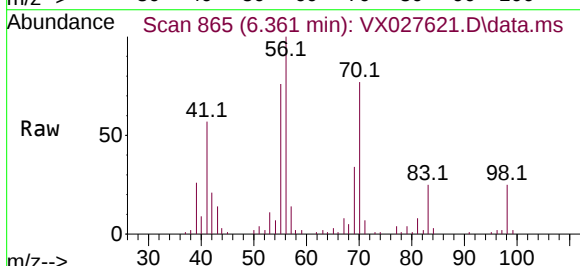
Tgt Ion: 43 Resp: 5213

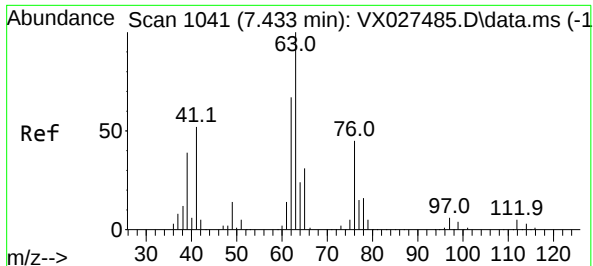
Ion Ratio Lower Upper

43 100

61 0.0 18.5 27.7#

87 0.0 13.0 19.6#





#45

1,2-Dichloropropane

Concen: 0.576 ug/l

RT: 7.379 min Scan# 1096

Delta R.T. -0.055 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Instrument :

MSVOA\_X

ClientSampleId :

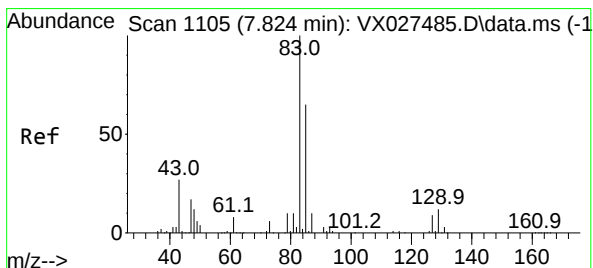
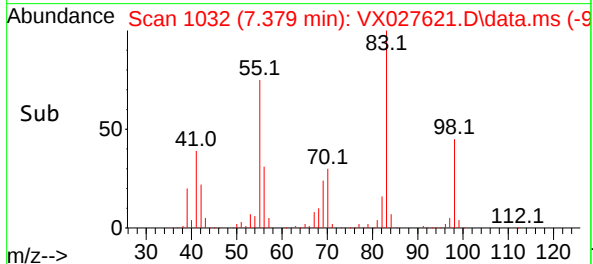
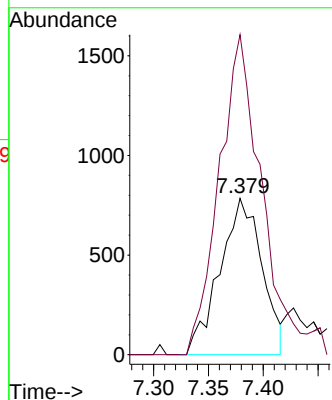
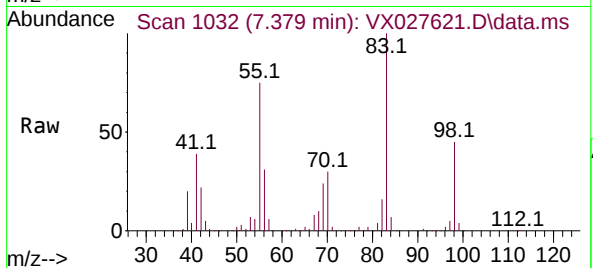
DUP031622

Tgt Ion: 63 Resp: 2104

Ion Ratio Lower Upper

63 100

65 204.6 25.8 38.6#



#47

Bromodichloromethane

Concen: 0.235 ug/l

RT: 7.769 min Scan# 1096

Delta R.T. -0.055 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

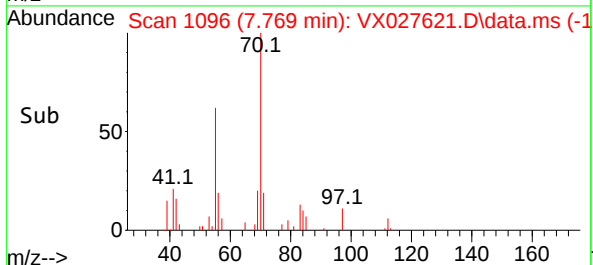
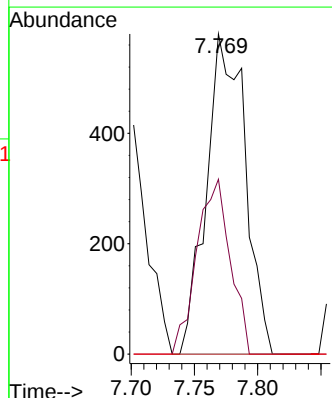
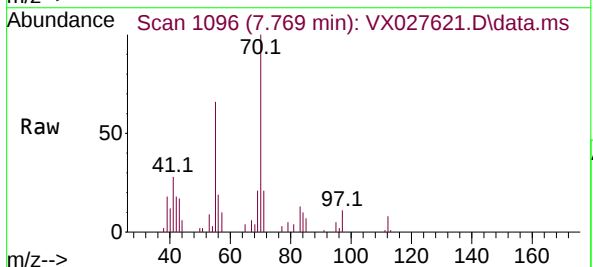
Tgt Ion: 83 Resp: 1236

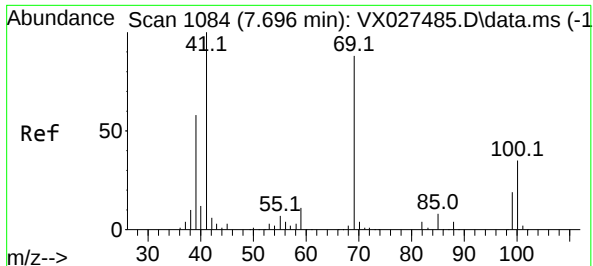
Ion Ratio Lower Upper

83 100

85 54.7 52.2 78.2

127 0.0 6.8 10.2#





#48

Methyl methacrylate

Concen: 3.687 ug/l

RT: 7.659 min Scan# 1084

Delta R.T. -0.036 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Instrument :

MSVOA\_X

ClientSampleId :

DUP031622

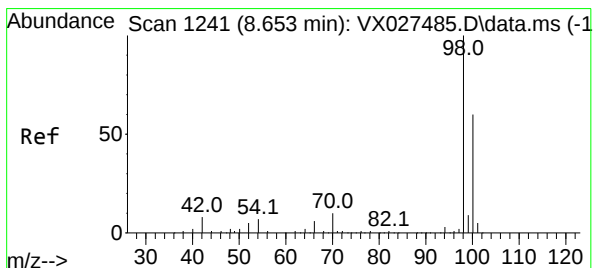
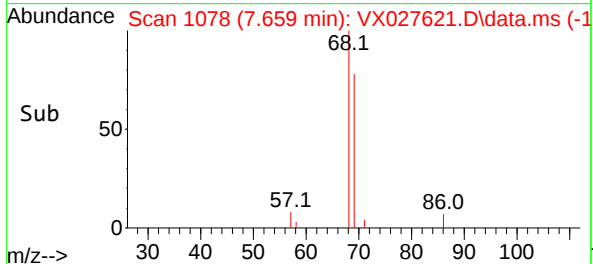
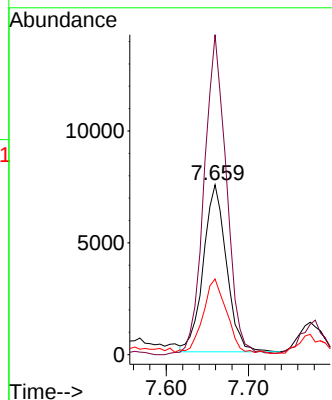
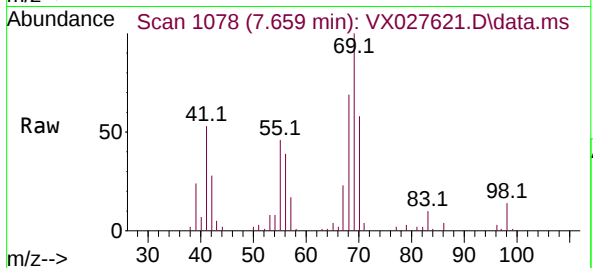
Tgt Ion: 41 Resp: 14614

Ion Ratio Lower Upper

41 100

69 185.5 82.5 123.7#

39 44.9 43.8 65.8



#50

Toluene-d8

Concen: 48.735 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027621.D

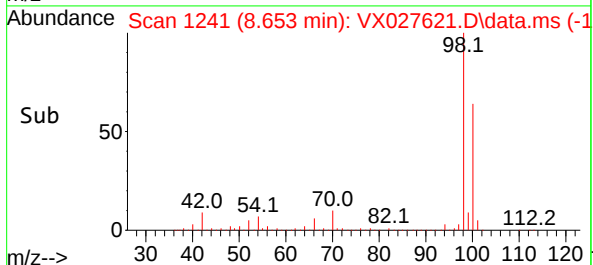
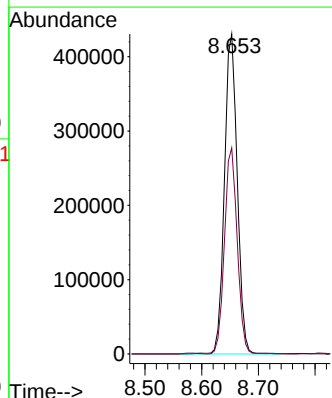
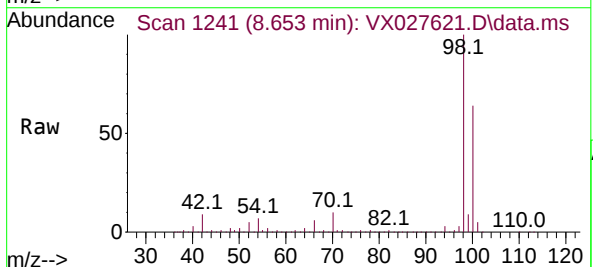
Acq: 22 Mar 2022 17:51

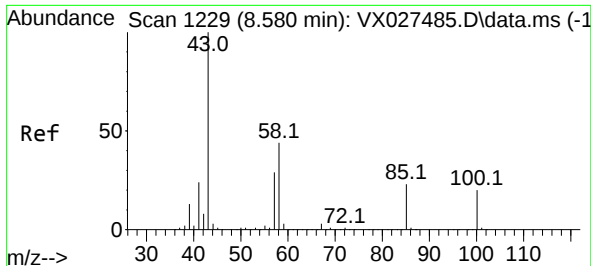
Tgt Ion: 98 Resp: 674025

Ion Ratio Lower Upper

98 100

100 64.1 52.6 78.8

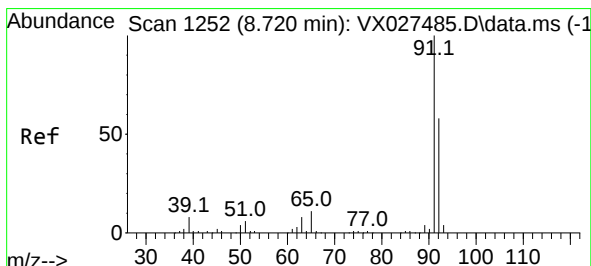
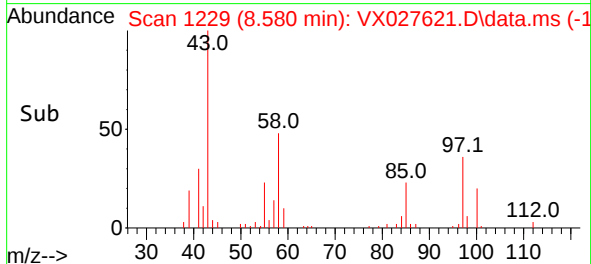
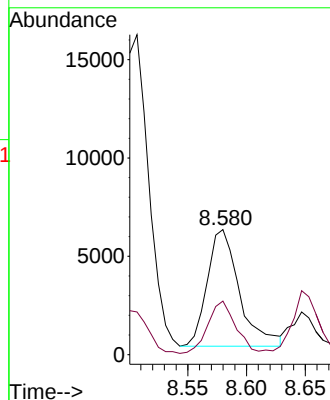
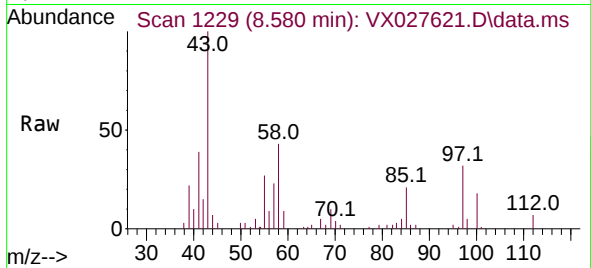




#51  
4-Methyl-2-Pentanone  
Concen: 2.207 ug/l  
RT: 8.580 min Scan# 11282  
Delta R.T. 0.000 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

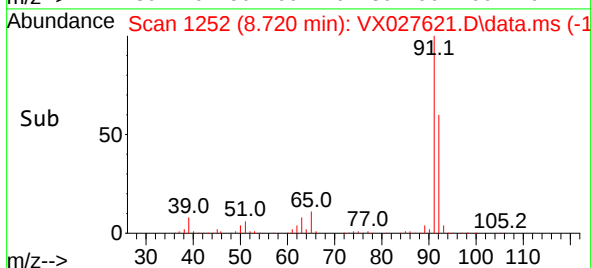
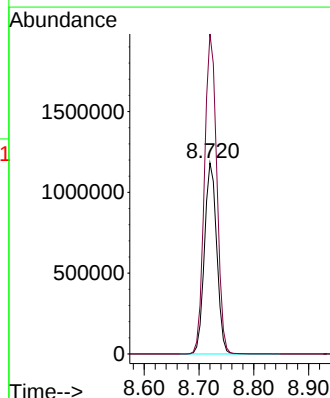
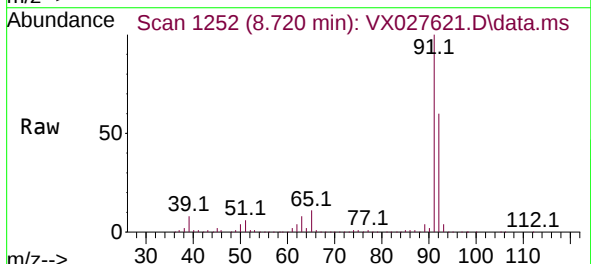
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP031622

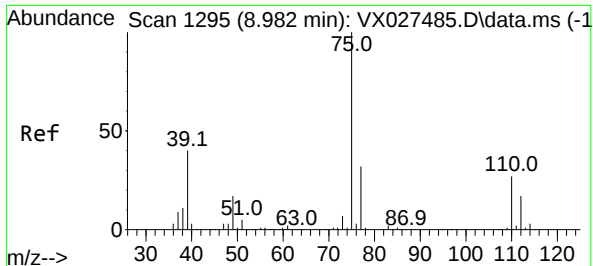
Tgt Ion: 43 Resp: 11282  
Ion Ratio Lower Upper  
43 100  
58 38.7 36.1 54.1



#52  
Toluene  
Concen: 190.671 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

Tgt Ion: 92 Resp: 1830848  
Ion Ratio Lower Upper  
92 100  
91 168.8 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 3.761 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.262 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Instrument :

MSVOA\_X

ClientSampleId :

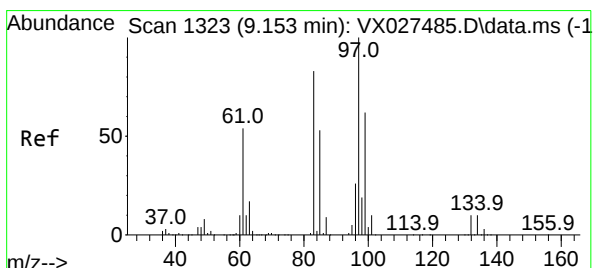
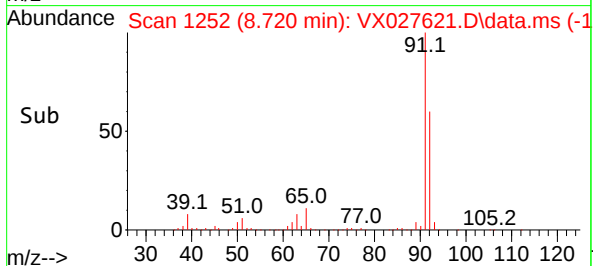
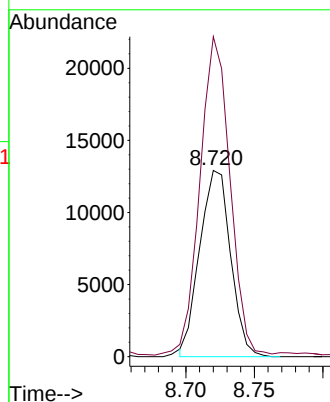
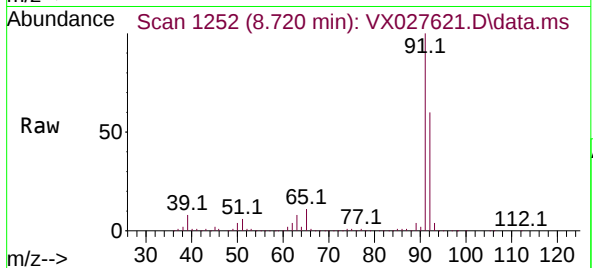
DUP031622

Tgt Ion: 75 Resp: 20264

Ion Ratio Lower Upper

75 100

77 169.7 25.4 38.0#



#55

1,1,2-Trichloroethane

Concen: 0.249 ug/l

RT: 9.159 min Scan# 1324

Delta R.T. 0.006 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Tgt Ion: 97 Resp: 972

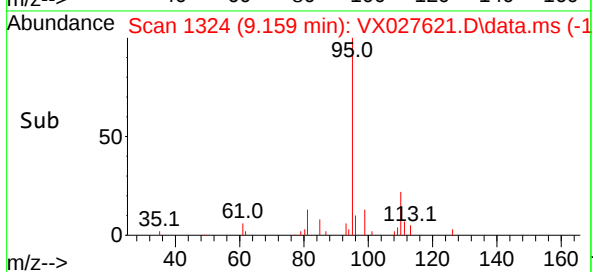
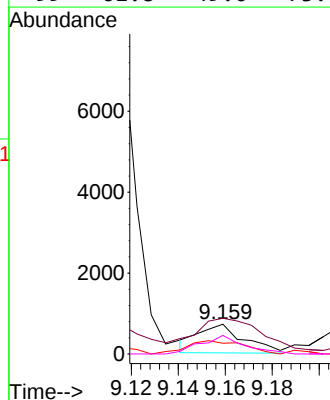
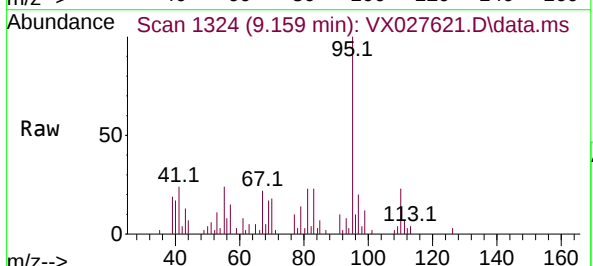
Ion Ratio Lower Upper

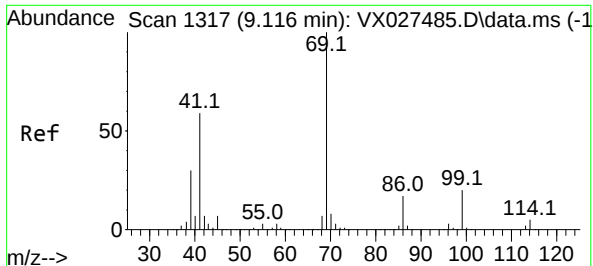
97 100

83 88.0 66.2 99.4

85 41.1 42.9 64.3#

99 61.8 49.0 73.6





#56

Ethyl methacrylate

Concen: 0.995 ug/l

RT: 9.104 min Scan# 1164

Delta R.T. -0.012 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Instrument :

MSVOA\_X

ClientSampleId :

DUP031622

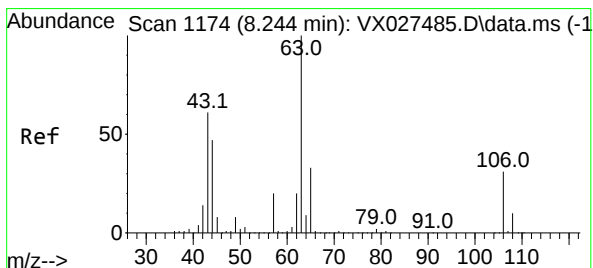
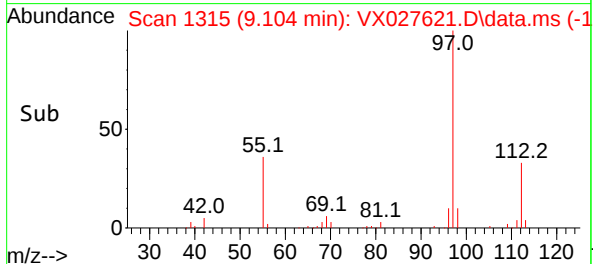
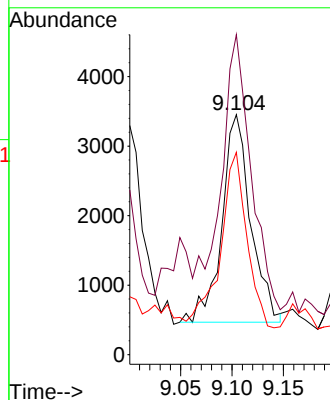
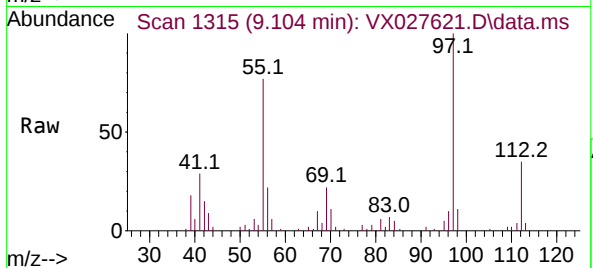
Tgt Ion: 69 Resp: 5822

Ion Ratio Lower Upper

69 100

41 128.3 43.8 65.6#

39 77.5 22.2 33.2#



#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 8.184 min Scan# 1164

Delta R.T. -0.060 min

Lab File: VX027621.D

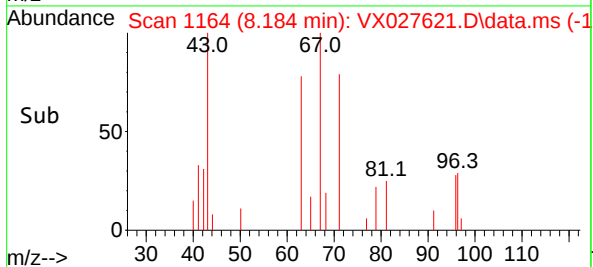
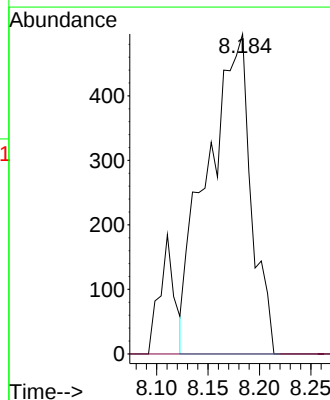
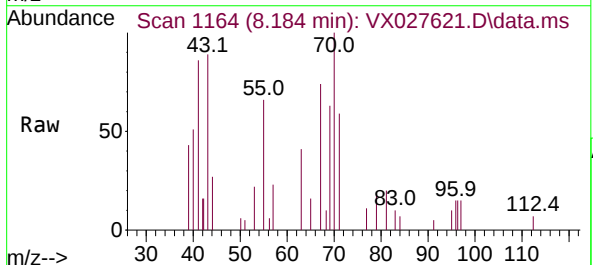
Acq: 22 Mar 2022 17:51

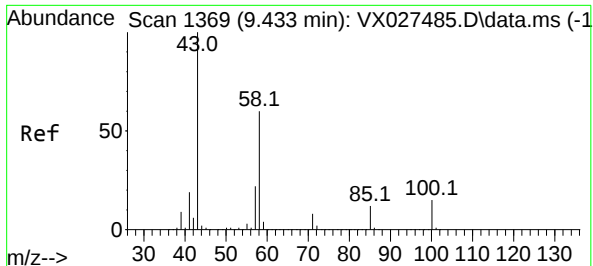
Tgt Ion: 63 Resp: 1467

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#

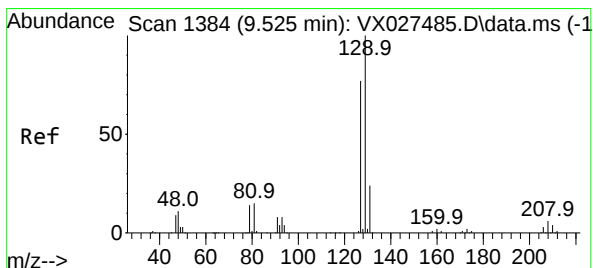
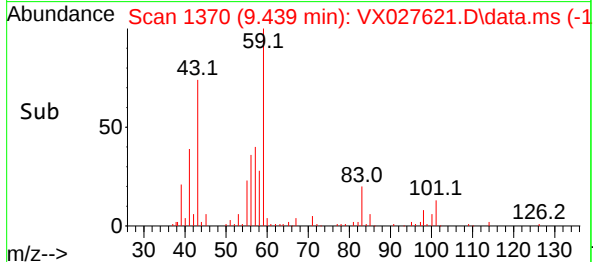
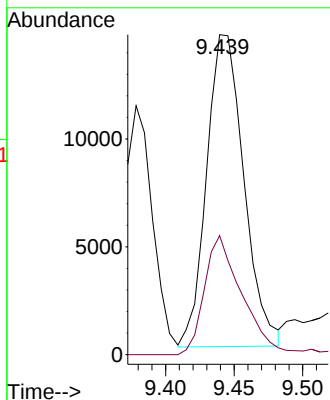
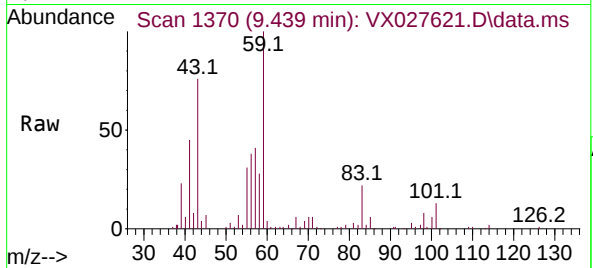




#59  
2-Hexanone  
Concen: 6.956 ug/l  
RT: 9.439 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

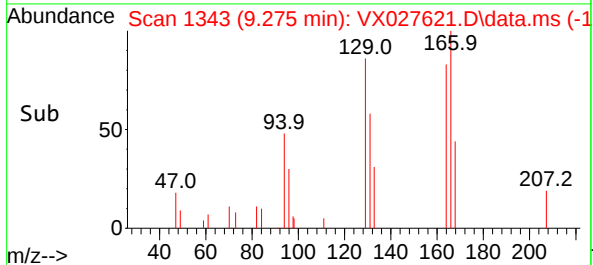
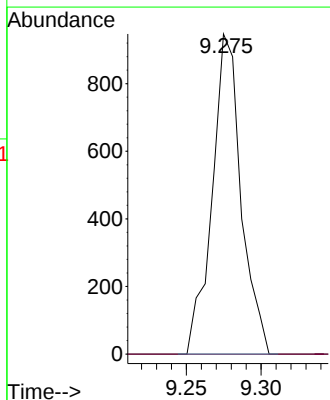
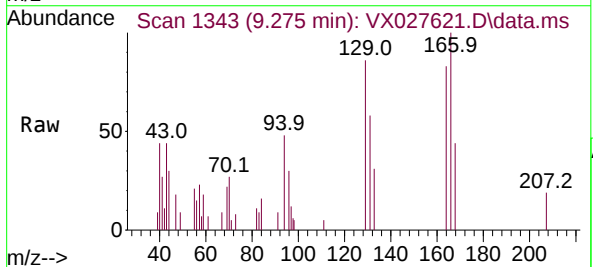
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP031622

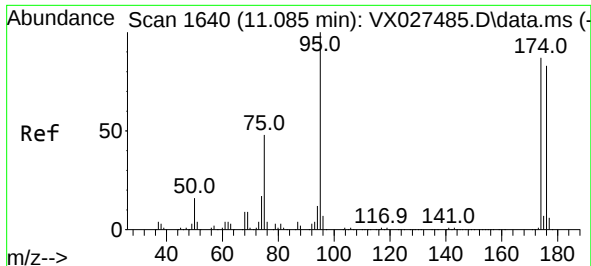
Tgt Ion: 43 Resp: 27391  
Ion Ratio Lower Upper  
43 100  
58 38.4 31.9 95.7



#60  
Dibromochloromethane  
Concen: 0.297 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.250 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

Tgt Ion: 129 Resp: 1277  
Ion Ratio Lower Upper  
129 100  
127 0.0 40.3 120.8#

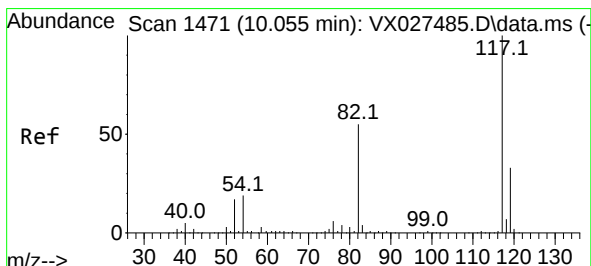
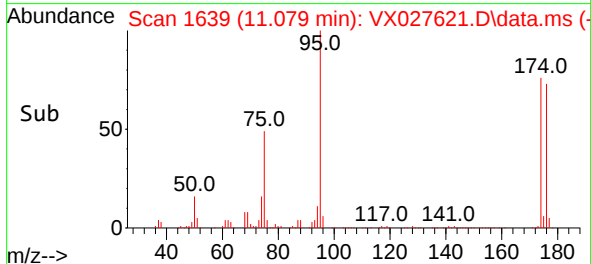
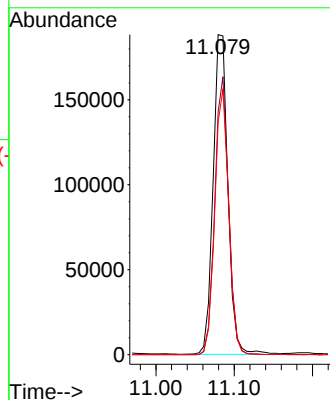
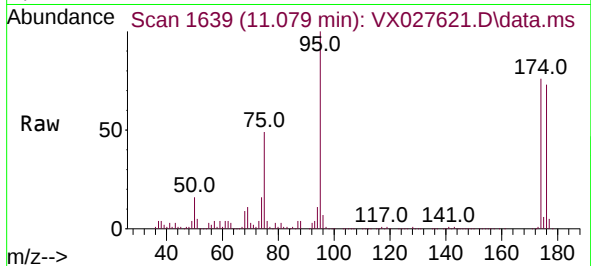




#62  
4-Bromofluorobenzene  
Concen: 48.416 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

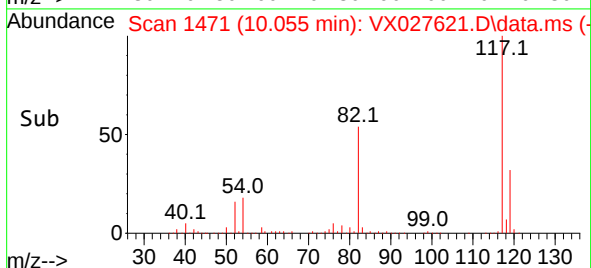
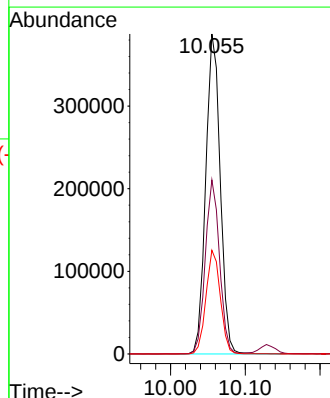
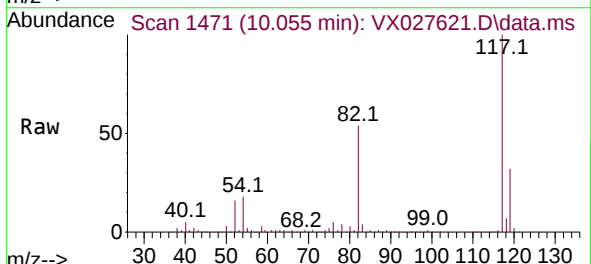
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP031622

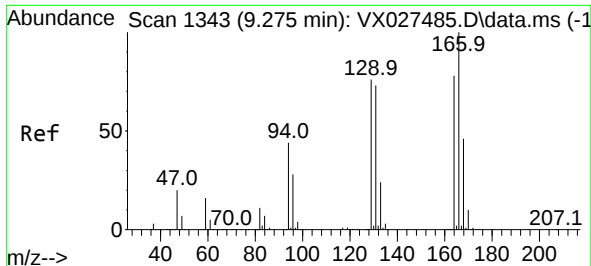
Tgt Ion: 95 Resp: 246119  
Ion Ratio Lower Upper  
95 100  
174 81.6 0.0 163.0  
176 78.4 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

Tgt Ion: 117 Resp: 520838  
Ion Ratio Lower Upper  
117 100  
82 54.3 41.8 62.8  
119 32.4 24.8 37.2



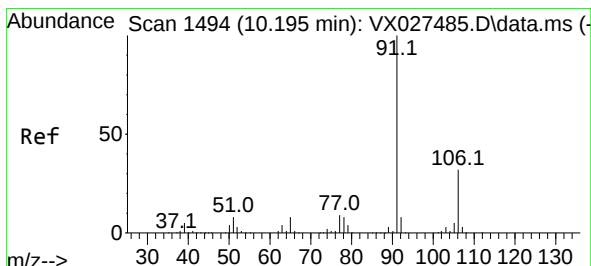
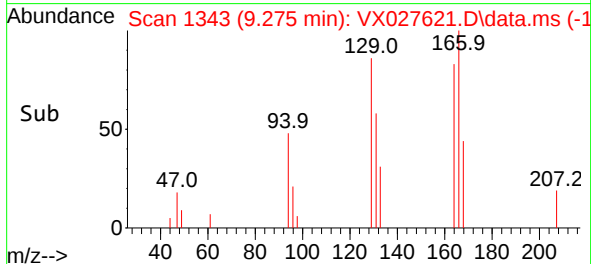
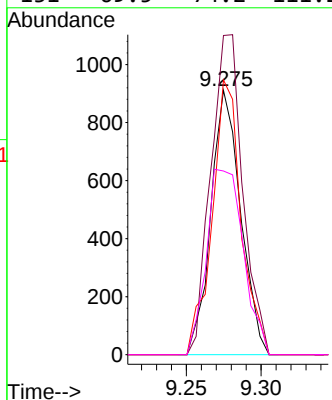
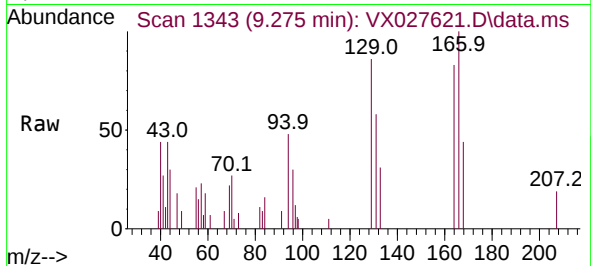


#64  
Tetrachloroethene  
Concen: 0.311 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP031622

Tgt Ion:164 Resp: 1260

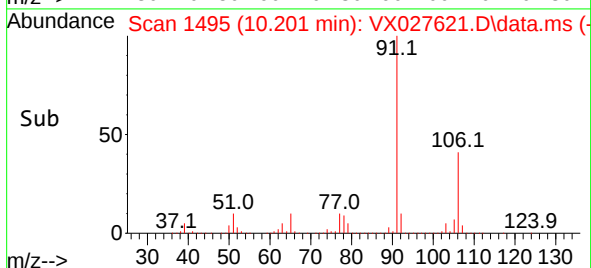
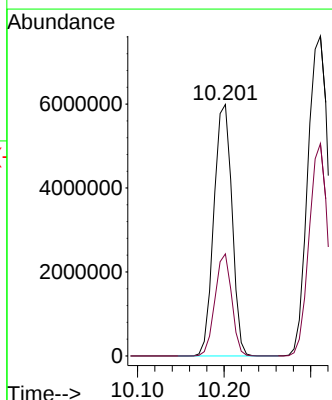
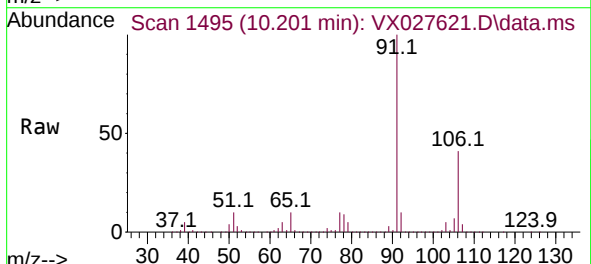
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 120.7 | 101.2 | 151.8 |
| 129 | 104.0 | 73.0  | 109.4 |
| 131 | 69.5  | 74.2  | 111.2 |

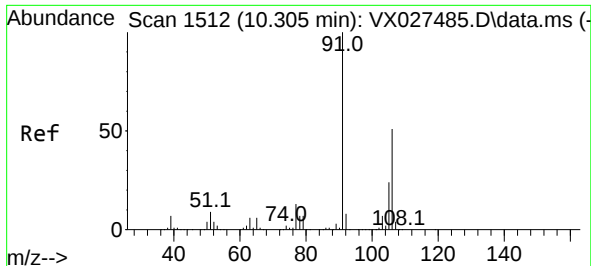


#67  
Ethyl Benzene  
Concen: 474.348 ug/l  
RT: 10.201 min Scan# 1495  
Delta R.T. 0.006 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

Tgt Ion: 91 Resp: 8699048

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 106 | 40.6  | 24.6  | 36.8  |

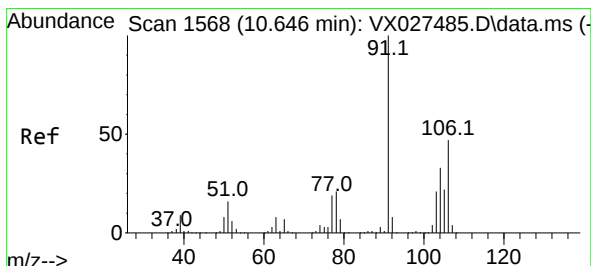
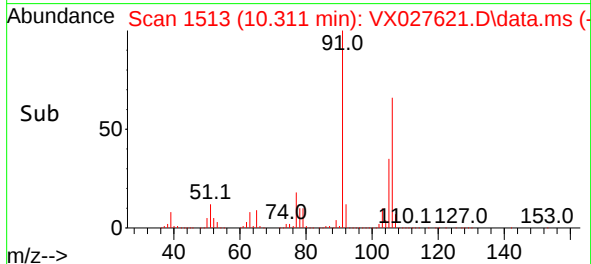
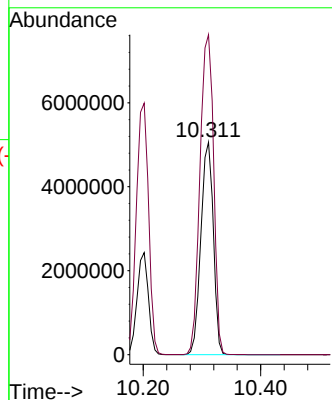
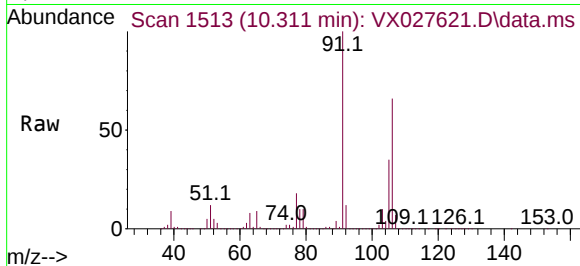




#68  
m/p-Xylenes  
Concen: 1029.451 ug/l  
RT: 10.311 min Scan# 1512  
Delta R.T. 0.006 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

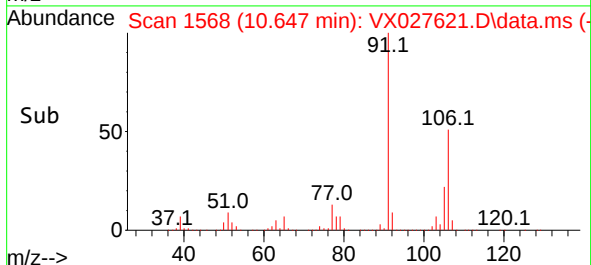
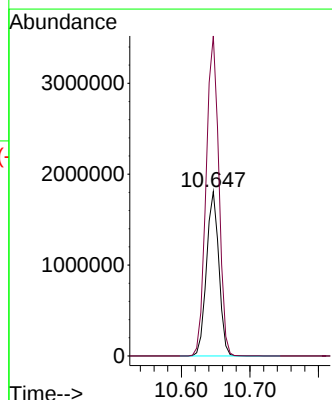
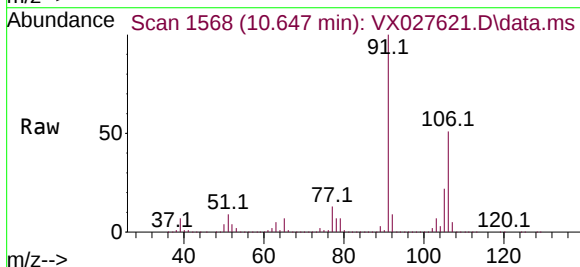
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP031622

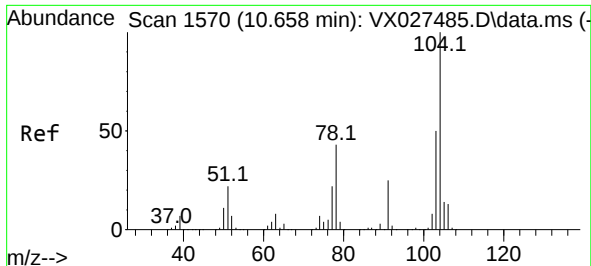
Tgt Ion:106 Resp: 7433493  
Ion Ratio Lower Upper  
106 100  
91 165.0 160.4 240.6



#69  
o-Xylene  
Concen: 323.985 ug/l  
RT: 10.647 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

Tgt Ion:106 Resp: 2271469  
Ion Ratio Lower Upper  
106 100  
91 200.8 106.1 318.1

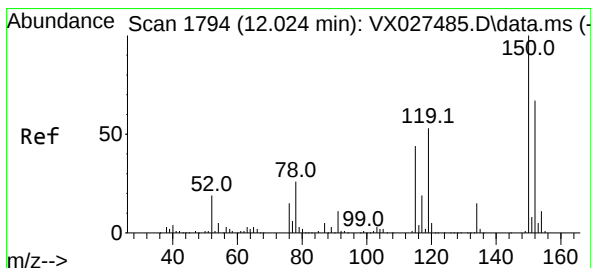
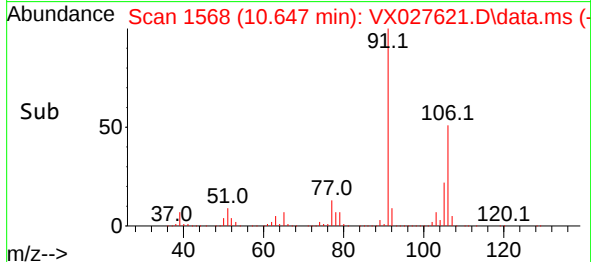
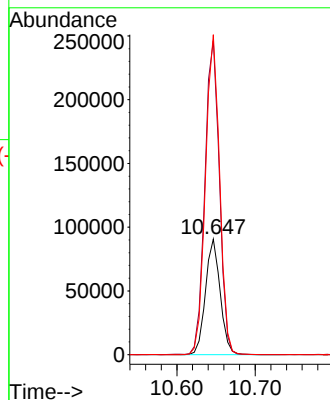
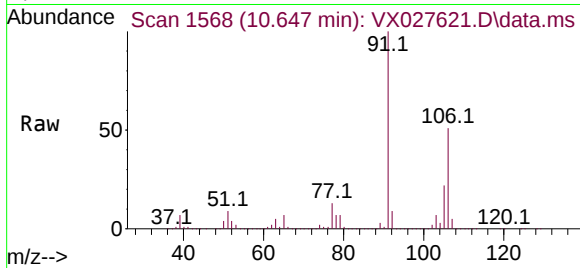




#70  
Styrene  
Concen: 10.293 ug/l  
RT: 10.647 min Scan# 1570  
Delta R.T. -0.012 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

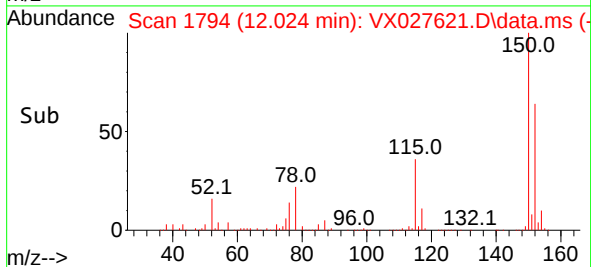
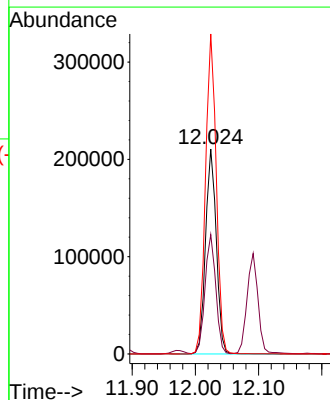
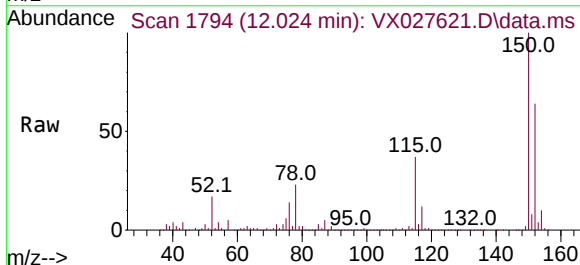
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP031622

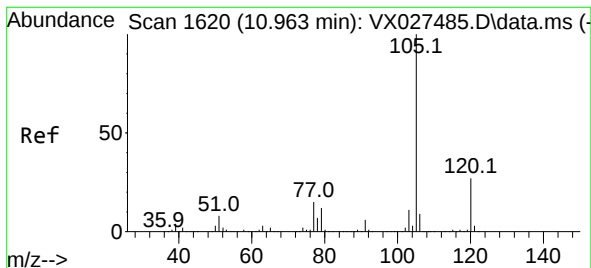
Tgt Ion:104 Resp: 117884  
Ion Ratio Lower Upper  
104 100  
78 268.9 38.6 57.8#  
103 267.2 43.8 65.8#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

Tgt Ion:152 Resp: 249685  
Ion Ratio Lower Upper  
152 100  
115 58.0 37.5 112.7  
150 156.4 0.0 338.2





#73

Isopropylbenzene

Concen: 13.743 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Instrument :

MSVOA\_X

ClientSampleId :

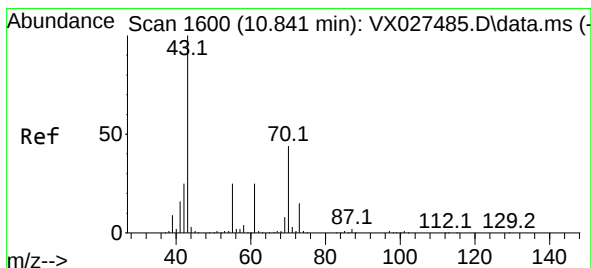
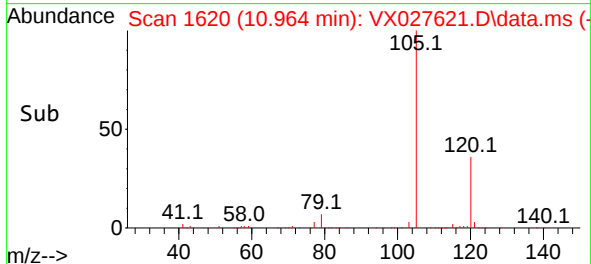
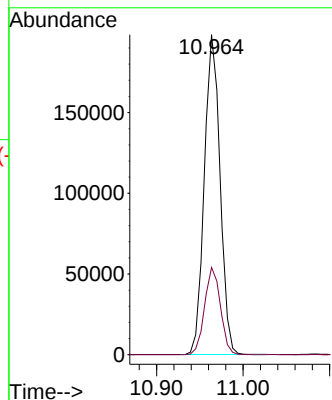
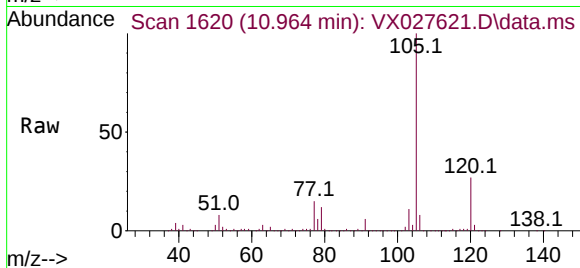
DUP031622

Tgt Ion:105 Resp: 249930

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.5



#74

N-ethyl acetate

Concen: 0.500 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Tgt Ion: 43 Resp: 3225

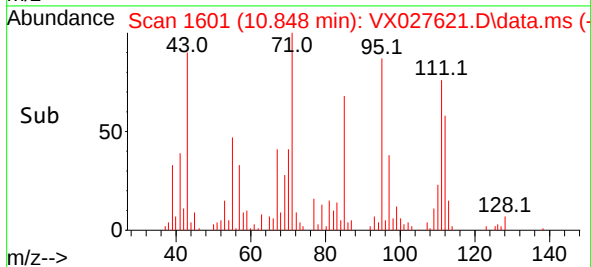
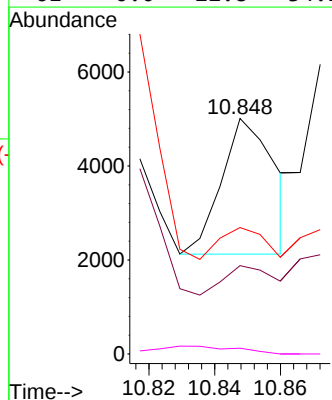
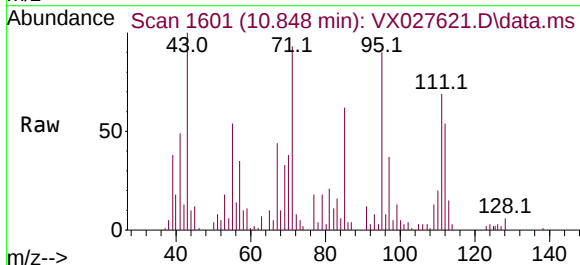
Ion Ratio Lower Upper

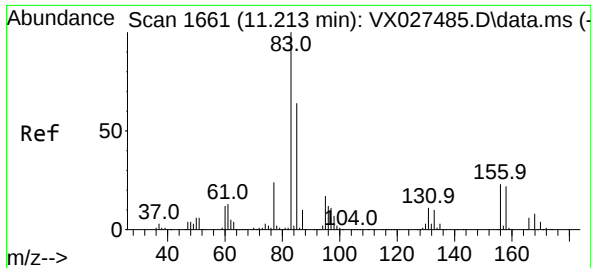
43 100

70 0.0 42.5 63.7#

55 34.5 23.1 34.7

61 0.0 22.8 34.2#

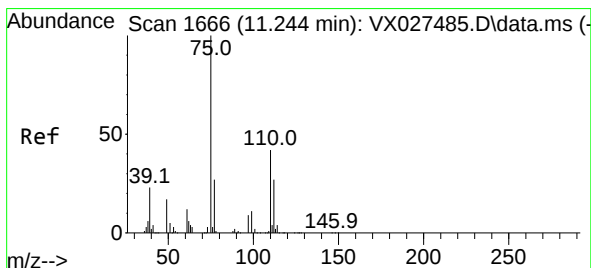
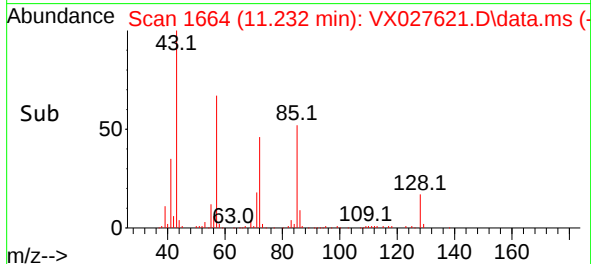
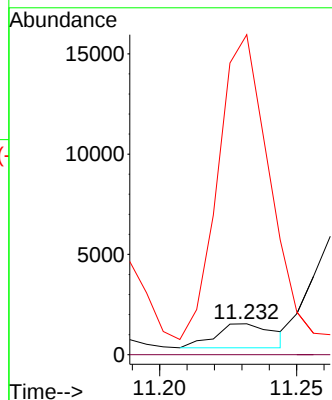
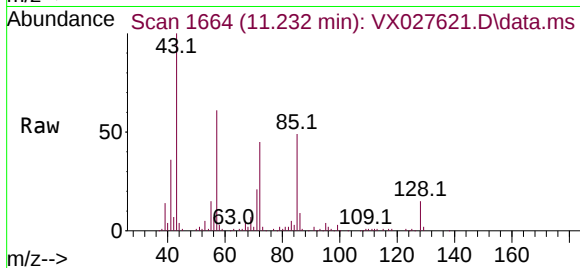




#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.309 ug/l  
RT: 11.232 min Scan# 1664  
Delta R.T. 0.019 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

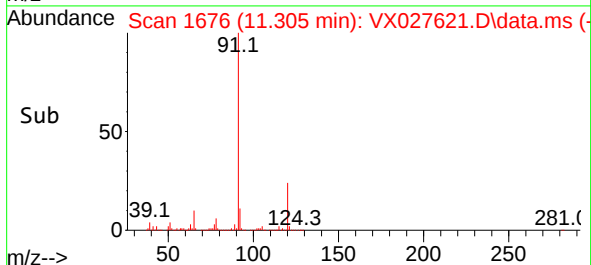
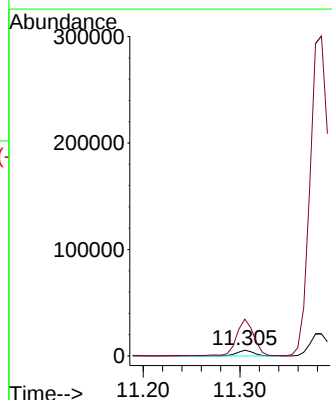
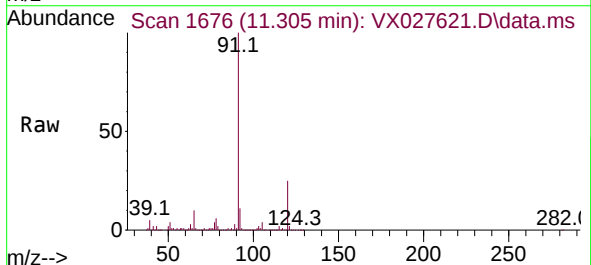
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP031622

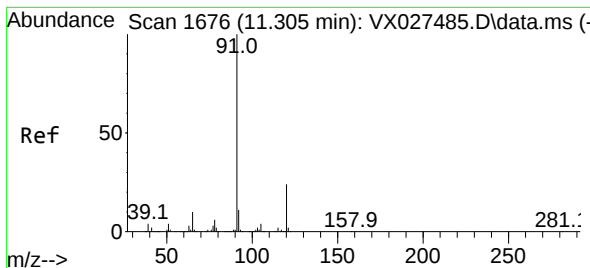
Tgt Ion: 83 Resp: 1779  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.1 15.3#  
85 1103.7 32.6 97.7#



#76  
1,2,3-Trichloropropane  
Concen: 1.276 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.061 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

Tgt Ion: 75 Resp: 6665  
Ion Ratio Lower Upper  
75 100  
77 628.0 19.4 58.2#





#78

n-propylbenzene

Concen: 53.994 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Instrument :

MSVOA\_X

ClientSampleId :

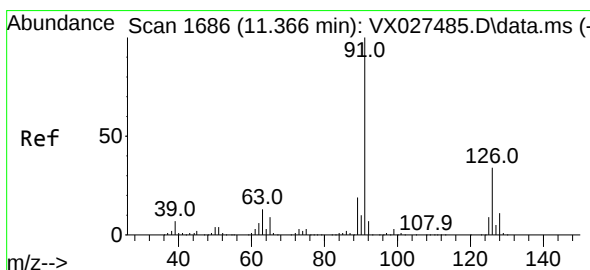
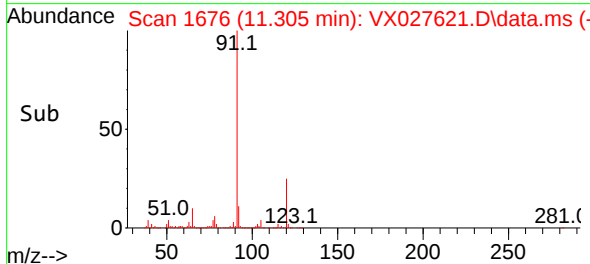
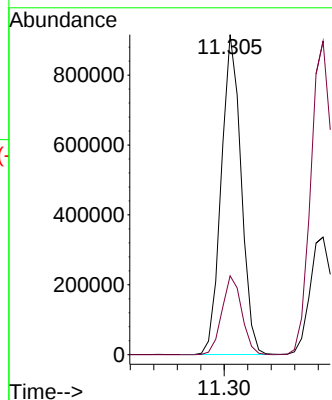
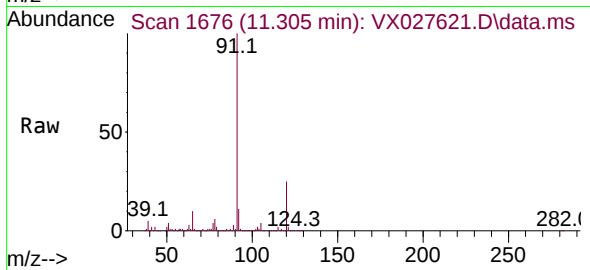
DUP031622

Tgt Ion: 91 Resp: 1077940

Ion Ratio Lower Upper

91 100

120 24.5 11.6 34.8



#79

2-Chlorotoluene

Concen: 46.731 ug/l

RT: 11.384 min Scan# 1689

Delta R.T. 0.018 min

Lab File: VX027621.D

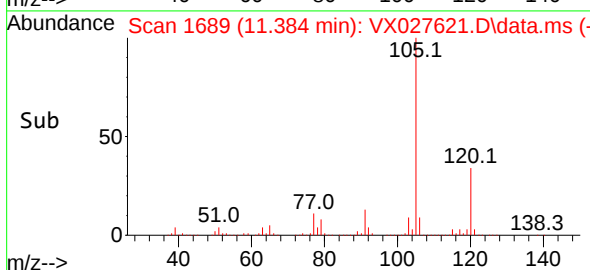
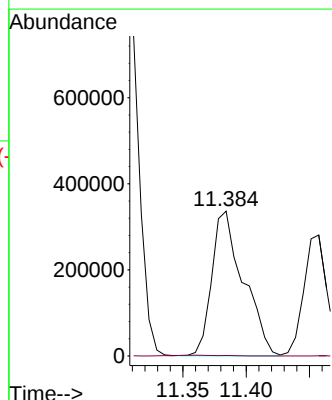
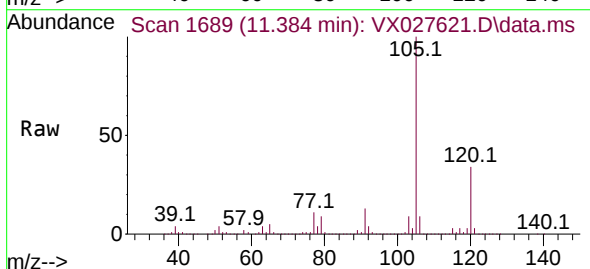
Acq: 22 Mar 2022 17:51

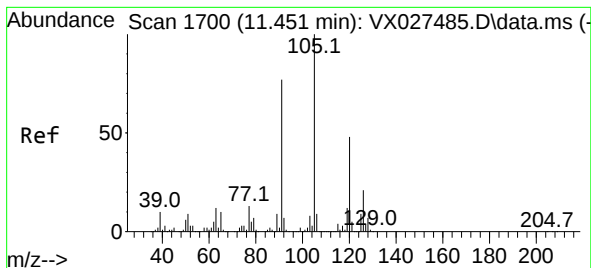
Tgt Ion: 91 Resp: 585227

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 219.320 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Instrument :

MSVOA\_X

ClientSampleId :

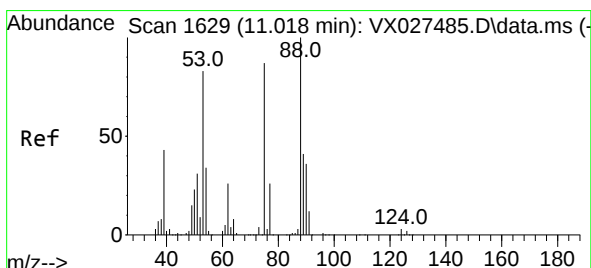
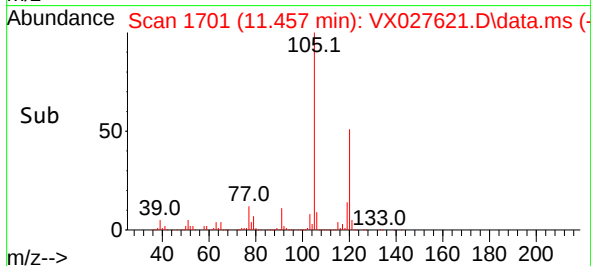
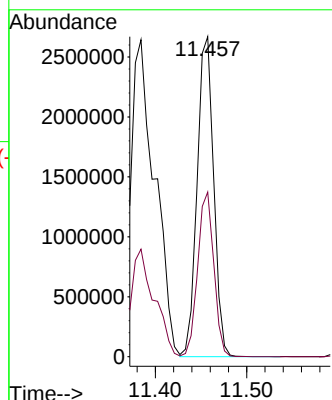
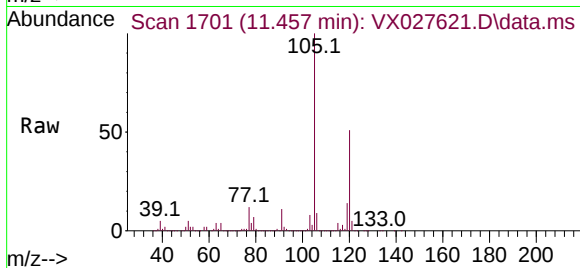
DUP031622

Tgt Ion:105 Resp: 3357040

Ion Ratio Lower Upper

105 100

120 50.3 24.3 72.9



#81

trans-1,4-Dichloro-2-butene

Concen: 66.674 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

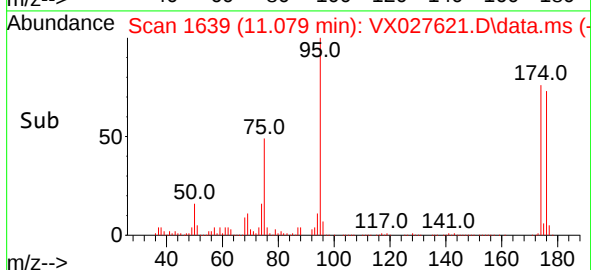
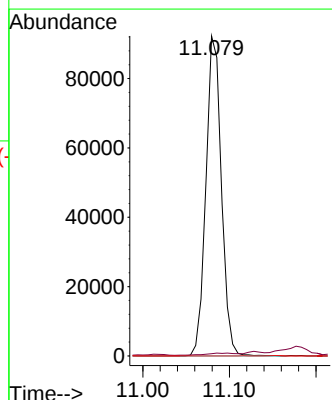
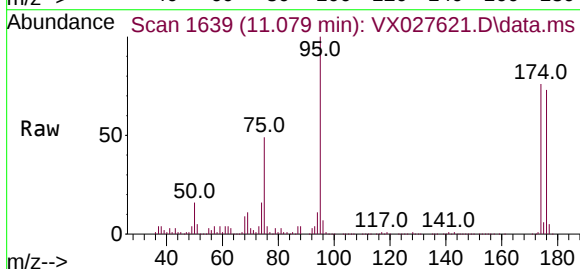
Tgt Ion: 75 Resp: 114654

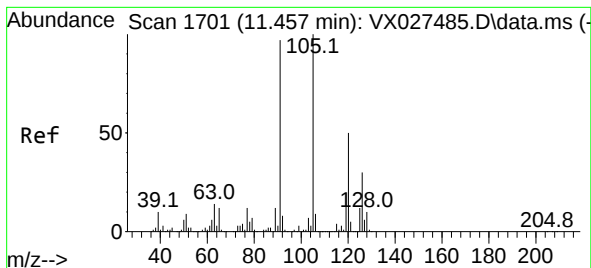
Ion Ratio Lower Upper

75 100

53 1.2 69.0 103.4#

89 0.0 37.0 55.6#





#82

4-Chlorotoluene

Concen: 24.767 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Instrument :

MSVOA\_X

ClientSampleId :

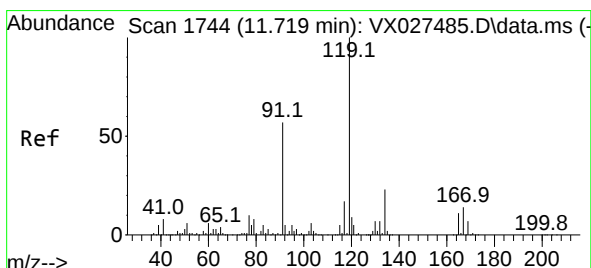
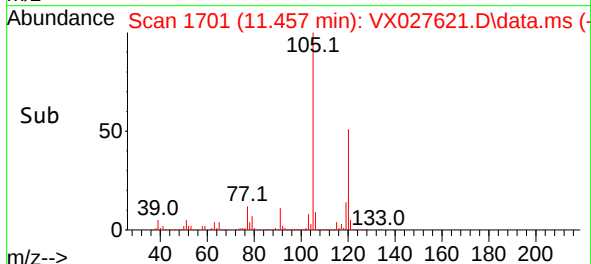
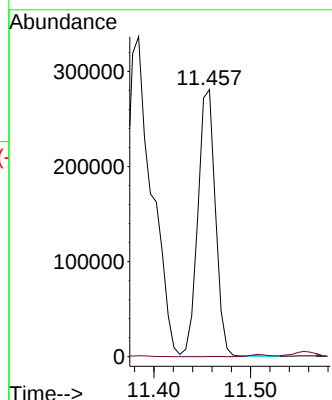
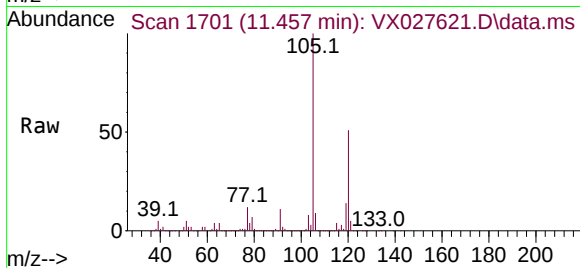
DUP031622

Tgt Ion: 91 Resp: 353157

Ion Ratio Lower Upper

91 100

126 0.0 14.9 44.5#



#83

tert-Butylbenzene

Concen: 11.730 ug/l

RT: 11.719 min Scan# 1744

Delta R.T. 0.000 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

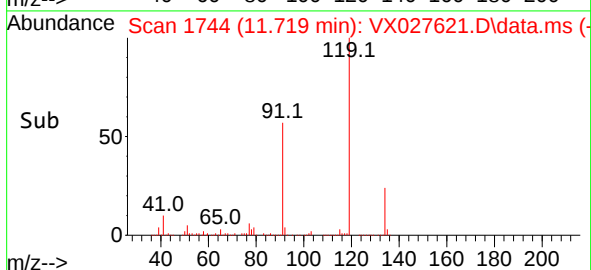
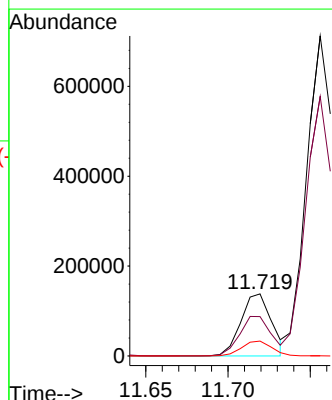
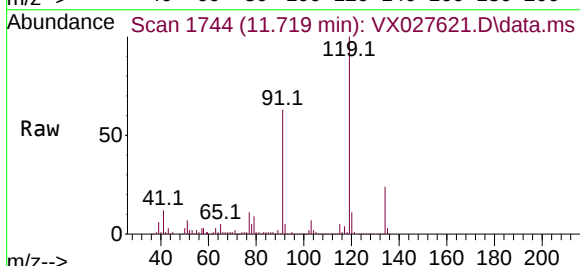
Tgt Ion: 119 Resp: 177861

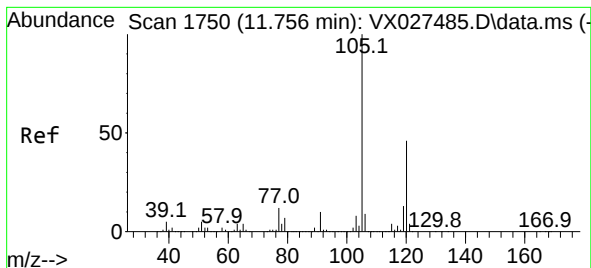
Ion Ratio Lower Upper

119 100

91 65.5 26.9 80.6

134 24.2 11.4 34.2





#84

1,2,4-Trimethylbenzene

Concen: 401.342 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Instrument :

MSVOA\_X

ClientSampleId :

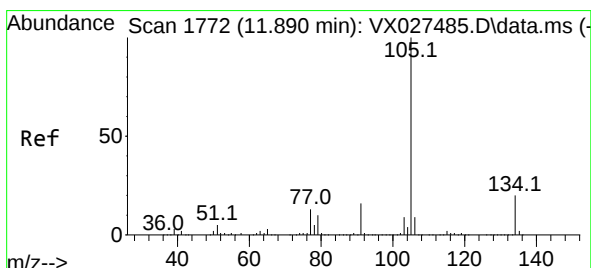
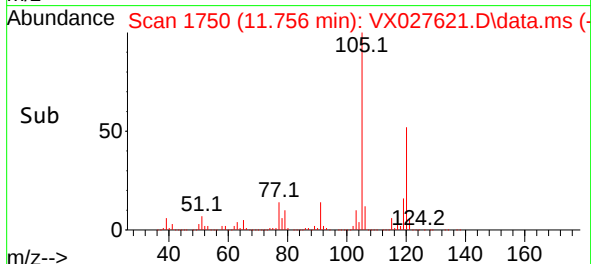
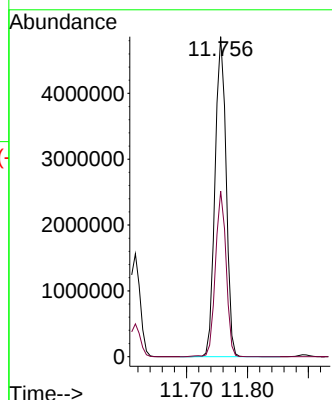
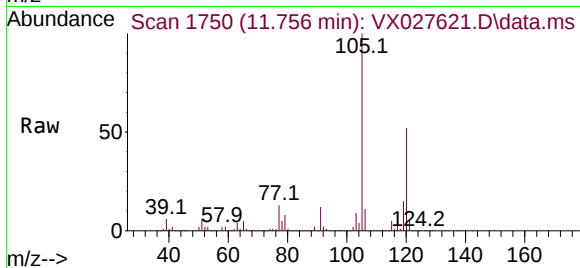
DUP031622

Tgt Ion:105 Resp: 6126511

Ion Ratio Lower Upper

105 100

120 49.8 22.6 67.8



#85

sec-Butylbenzene

Concen: 334.344 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.134 min

Lab File: VX027621.D

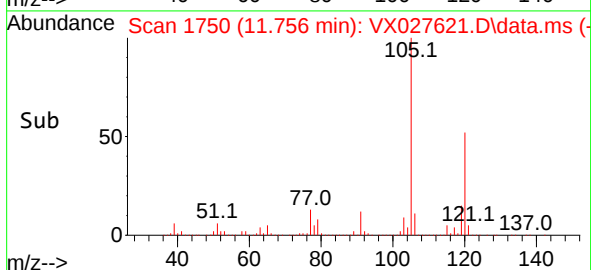
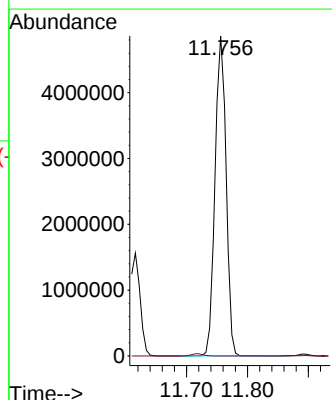
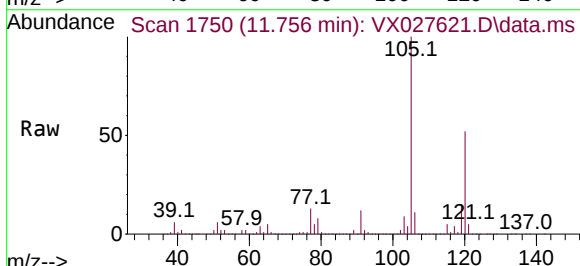
Acq: 22 Mar 2022 17:51

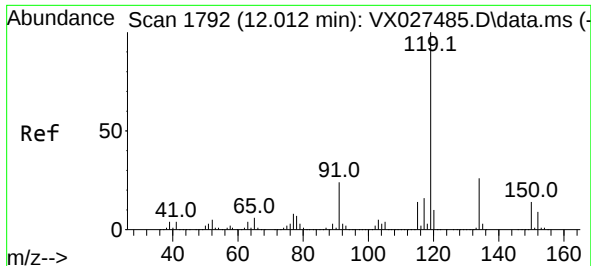
Tgt Ion:105 Resp: 6126511

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 3.895 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. -0.036 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Instrument :

MSVOA\_X

ClientSampleId :

DUP031622

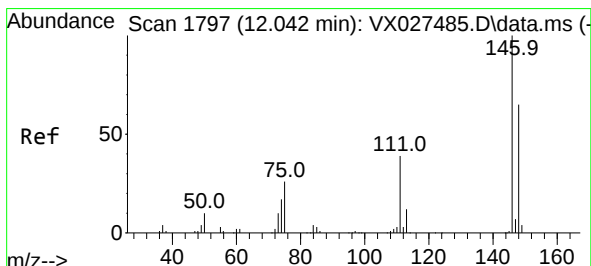
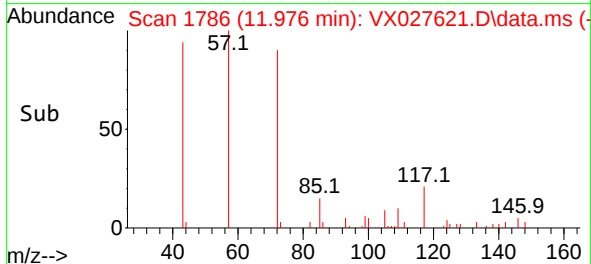
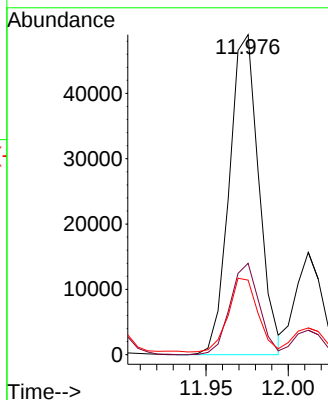
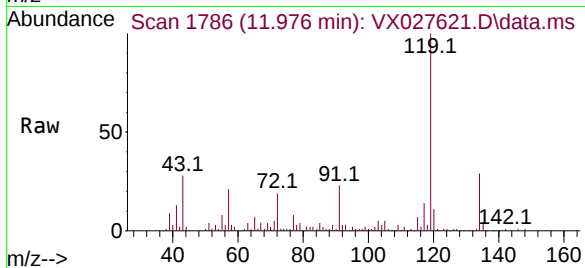
Tgt Ion:119 Resp: 61297

Ion Ratio Lower Upper

119 100

134 28.0 13.0 39.0

91 0.0 11.3 33.9#



#88

1,4-Dichlorobenzene

Concen: 0.269 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

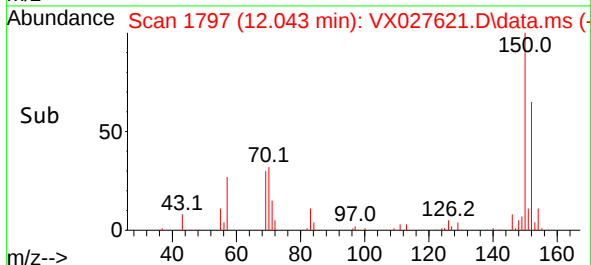
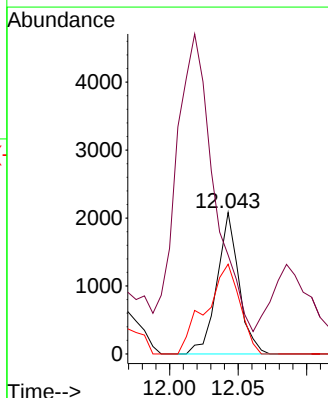
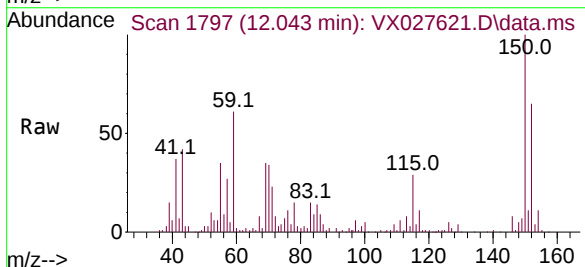
Tgt Ion:146 Resp: 2311

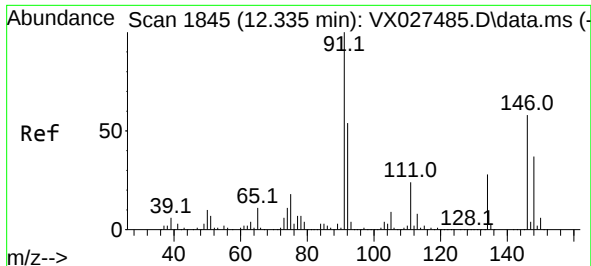
Ion Ratio Lower Upper

146 100

111 0.0 19.2 57.6#

148 98.1 32.3 96.9#





#89

n-Butylbenzene

Concen: 17.032 ug/l

RT: 12.323 min Scan# 1843

Delta R.T. -0.012 min

Lab File: VX027621.D

Acq: 22 Mar 2022 17:51

Instrument :

MSVOA\_X

ClientSampleId :

DUP031622

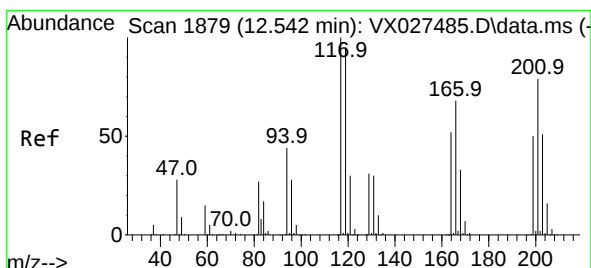
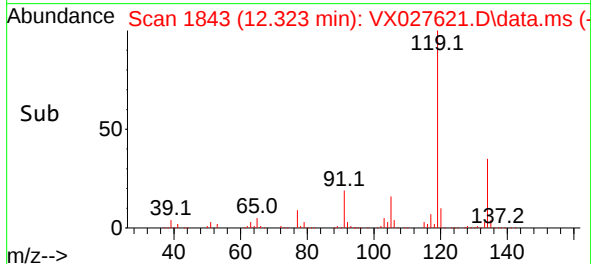
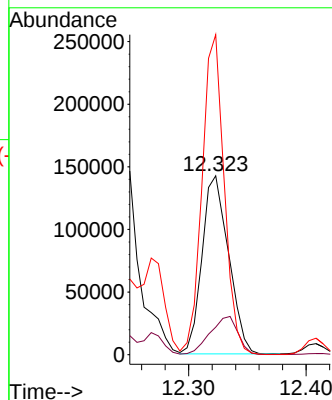
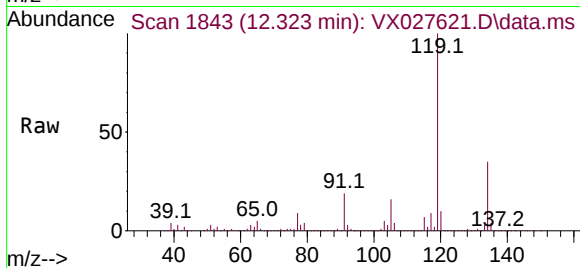
Tgt Ion: 91 Resp: 223713

Ion Ratio Lower Upper

91 100

92 22.5 27.8 83.3#

134 149.0 13.3 39.8#



#90

Hexachloroethane

Concen: 14.173 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX027621.D

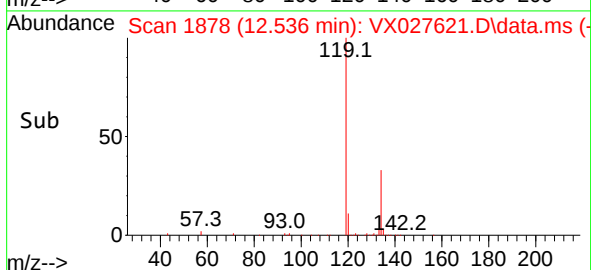
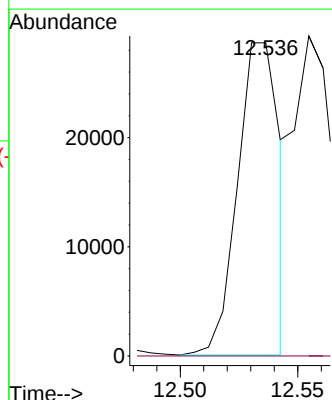
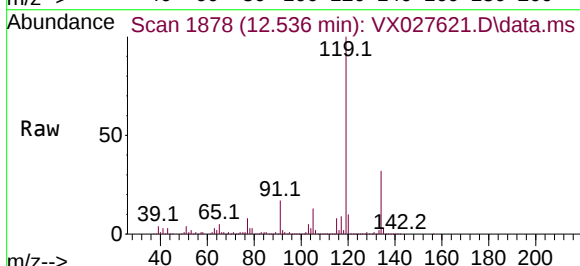
Acq: 22 Mar 2022 17:51

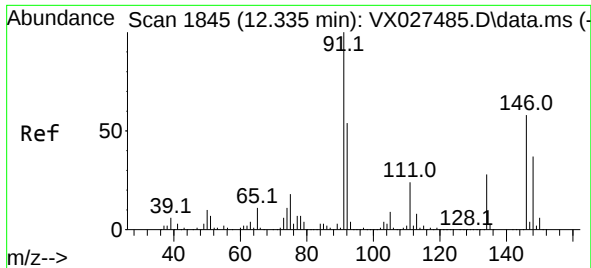
Tgt Ion: 117 Resp: 35573

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#

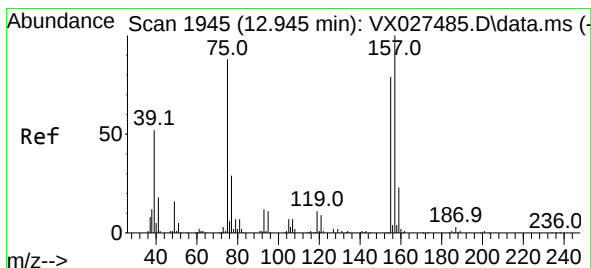
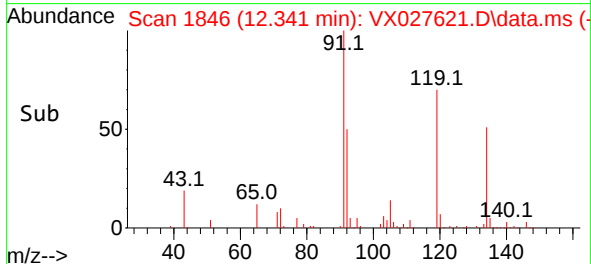
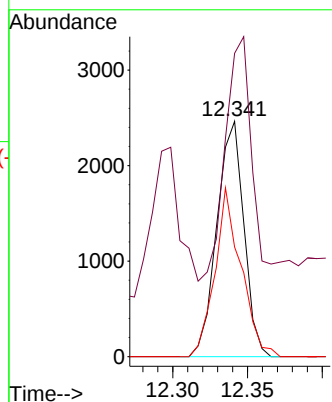
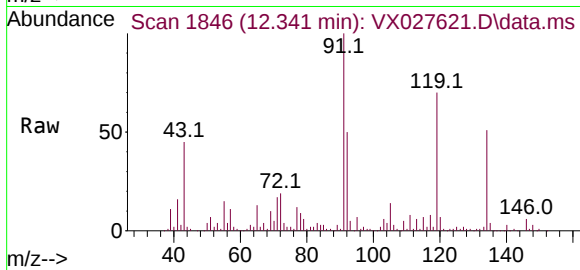




#91  
 1,2-Dichlorobenzene  
 Concen: 0.373 ug/l  
 RT: 12.341 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX027621.D  
 Acq: 22 Mar 2022 17:51

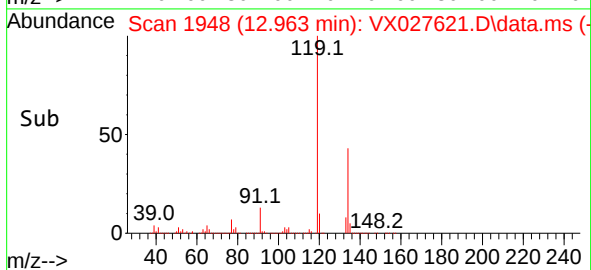
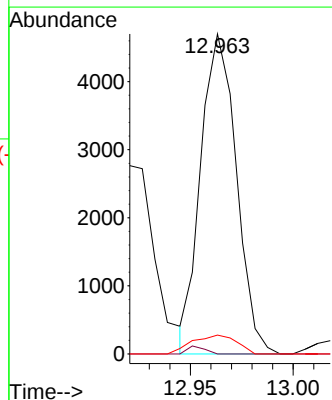
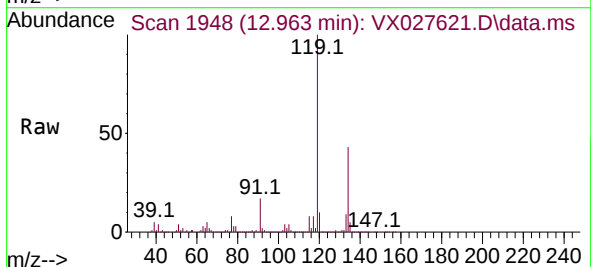
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP031622

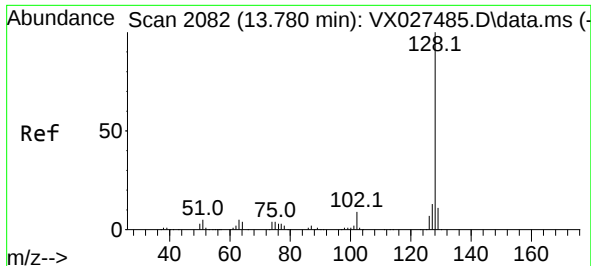
Tgt Ion:146 Resp: 3091  
 Ion Ratio Lower Upper  
 146 100  
 111 100.6 21.0 63.0#  
 148 69.3 32.6 97.7



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 4.283 ug/l  
 RT: 12.963 min Scan# 1948  
 Delta R.T. 0.018 min  
 Lab File: VX027621.D  
 Acq: 22 Mar 2022 17:51

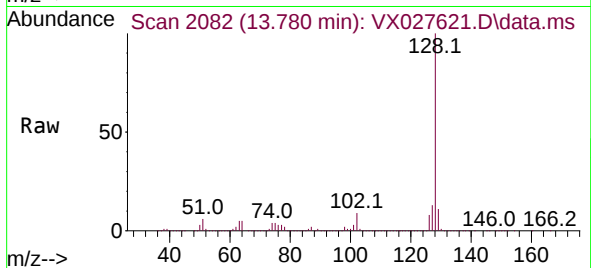
Tgt Ion: 75 Resp: 5659  
 Ion Ratio Lower Upper  
 75 100  
 155 1.2 47.0 141.2#  
 157 7.4 57.9 173.6#





#95  
Naphthalene  
Concen: 132.830 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX027621.D  
Acq: 22 Mar 2022 17:51

Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP031622



Tgt Ion:128 Resp: 2298478  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.2 15.4  
129 11.4 8.7 13.1

