

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010522\  
 Data File : VX026329.D  
 Acq On : 05 Jan 2022 17:56  
 Operator : JC/MD  
 Sample : N1005-06DL 40X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 06 03:10:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 08:02:21 2021  
 Response via : Initial Calibration

| Compound                      |  | R.T.   | QIon     | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|--|--------|----------|----------|------------|--------|----------|
| -----                         |  |        |          |          |            |        |          |
| Internal Standards            |  |        |          |          |            |        |          |
| 1) Pentafluorobenzene         |  | 5.562  | 168      | 146461   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       |  | 6.763  | 114      | 244612   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          |  | 10.055 | 117      | 214418   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    |  | 12.024 | 152      | 99360    | 50.000     | ug/l   | 0.00     |
|                               |  |        |          |          |            |        |          |
| System Monitoring Compounds   |  |        |          |          |            |        |          |
| 33) 1,2-Dichloroethane-d4     |  | 5.958  | 65       | 107408   | 50.691     | ug/l   | 0.00     |
| Spiked Amount 50.000          |  | Range  | 78 - 117 | Recovery | = 101.380% |        |          |
| 35) Dibromofluoromethane      |  | 5.391  | 113      | 80024    | 50.320     | ug/l   | 0.00     |
| Spiked Amount 50.000          |  | Range  | 75 - 124 | Recovery | = 100.640% |        |          |
| 50) Toluene-d8                |  | 8.653  | 98       | 287549   | 48.611     | ug/l   | 0.00     |
| Spiked Amount 50.000          |  | Range  | 92 - 112 | Recovery | = 97.220%  |        |          |
| 62) 4-Bromofluorobenzene      |  | 11.079 | 95       | 110201   | 52.333     | ug/l   | 0.00     |
| Spiked Amount 50.000          |  | Range  | 83 - 123 | Recovery | = 104.660% |        |          |
|                               |  |        |          |          |            |        |          |
| Target Compounds              |  |        |          |          |            |        | Qvalue   |
| 8) Diethyl Ether              |  | 2.136  | 74       | 25196    | 22.595     | ug/l   | 97       |
| 11) Tert butyl alcohol        |  | 2.965  | 59       | 30750    | 72.660     | ug/l # | 90       |
| 13) Acrolein                  |  | 2.288  | 56       | 117      | 0.773      | ug/l # | 1        |
| 14) Allyl chloride            |  | 2.550  | 41       | 5797     | 1.809      | ug/l # | 67       |
| 16) Acetone                   |  | 2.380  | 43       | 45886    | 39.969     | ug/l   | 93       |
| 18) Methyl Acetate            |  | 2.703  | 43       | 6498     | 1.745      | ug/l   | 96       |
| 19) Methyl tert-butyl Ether   |  | 3.117  | 73       | 7180     | 1.267      | ug/l # | 83       |
| 20) Methylene Chloride        |  | 2.800  | 84       | 889      | Below Cal  |        | 93       |
| 22) Diisopropyl ether         |  | 3.696  | 45       | 23504    | 3.842      | ug/l # | 1        |
| 23) Vinyl Acetate             |  | 3.709  | 43       | 1575     | 0.324      | ug/l # | 70       |
| 25) 2-Butanone                |  | 4.562  | 43       | 30623    | 19.149     | ug/l   | 99       |
| 29) Tetrahydrofuran           |  | 5.032  | 42       | 1556     | 1.544      | ug/l # | 51       |
| 31) Cyclohexane               |  | 5.483  | 56       | 1949     | 0.646      | ug/l # | 85       |
| 36) 1,1-Dichloropropene       |  | 5.556  | 75       | 12485    | 4.867      | ug/l # | 50       |
| 37) Ethyl Acetate             |  | 4.721  | 43       | 1524     | 0.512      | ug/l # | 69       |
| 38) Carbon Tetrachloride      |  | 5.556  | 117      | 15902    | 5.573      | ug/l # | 16       |
| 39) Methylcyclohexane         |  | 7.379  | 83       | 1096     | 0.379      | ug/l # | 81       |
| 40) Benzene                   |  | 6.044  | 78       | 521297   | 71.210     | ug/l   | 99       |
| 42) 1,2-Dichloroethane        |  | 6.050  | 62       | 5213     | 1.760      | ug/l # | 74       |
| 43) Isopropyl Acetate         |  | 6.336  | 43       | 5818     | 1.200      | ug/l # | 88       |
| 48) Methyl methacrylate       |  | 7.580  | 41       | 51978    | 22.359     | ug/l # | 40       |
| 49) 1,4-Dioxane               |  | 7.671  | 88       | 8660     | 202.149    | ug/l   | 89       |
| 51) 4-Methyl-2-Pentanone      |  | 8.574  | 43       | 27665    | 9.172      | ug/l   | 98       |
| 52) Toluene                   |  | 8.720  | 92       | 281537   | 62.471     | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     |  | 8.976  | 75       | 139      | 1.938      | ug/l # | 43       |
| 56) Ethyl methacrylate        |  | 9.031  | 69       | 12095    | 4.234      | ug/l # | 77       |
| 58) 2-Chloroethyl Vinyl ether |  | 8.336  | 63       | 560      | 10.181     | ug/l # | 51       |
| 59) 2-Hexanone                |  | 9.433  | 43       | 5953     | 2.605      | ug/l   | 98       |
| 67) Ethyl Benzene             |  | 10.195 | 91       | 18204    | 2.161      | ug/l   | 94       |
| 68) m/p-Xylenes               |  | 10.299 | 106      | 46011    | 14.631     | ug/l   | 94       |
| 69) o-Xylene                  |  | 10.646 | 106      | 16334    | 5.309      | ug/l   | 97       |
| 73) Isopropylbenzene          |  | 10.963 | 105      | 1971     | 0.255      | ug/l   | 92       |
| 74) N-amyl acetate            |  | 10.756 | 43       | 75967    | 21.421     | ug/l # | 1        |
| 75) 1,1,2,2-Tetrachloroethane |  | 11.280 | 83       | 29652    | 11.289     | ug/l # | 26       |
| 76) 1,2,3-Trichloropropane    |  | 11.457 | 75       | 3320     | 1.384      | ug/l   | 94       |
| 78) n-propylbenzene           |  | 11.305 | 91       | 2542     | 0.286      | ug/l   | 80       |

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 Operator : JC/MD  
 Sample : N1005-06DL 40X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

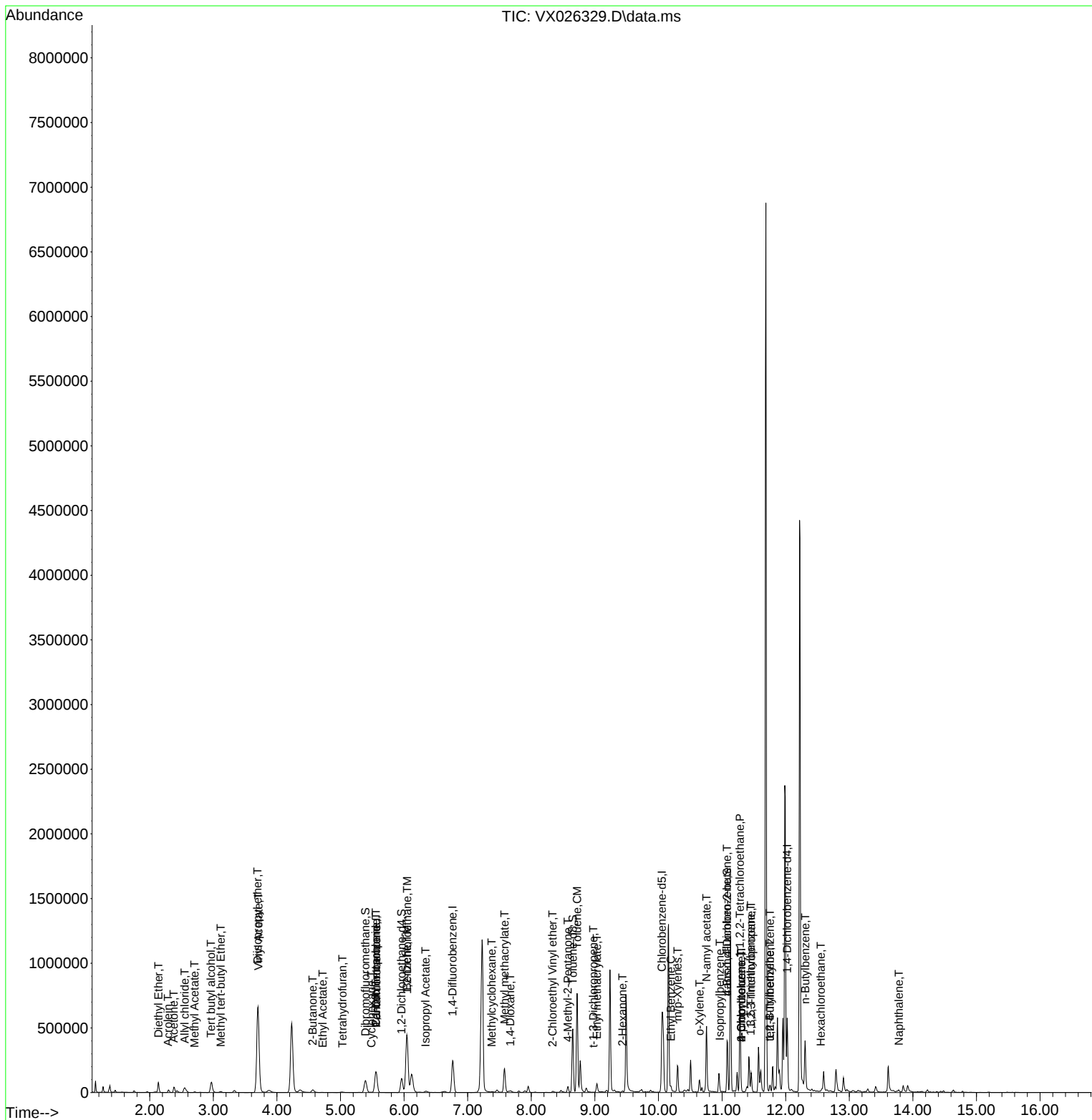
Instrument :  
 MSVOA\_X  
 ClientSampleId :

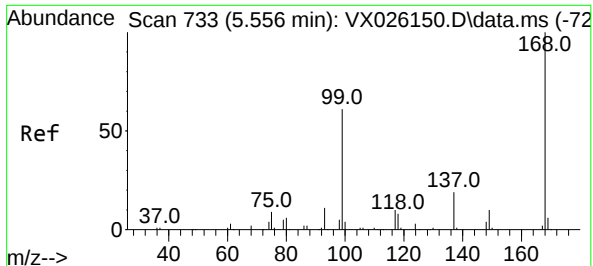
Quant Time: Jan 06 03:10:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 08:02:21 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 79) 2-Chlorotoluene           | 11.305 | 91   | 2542     | 0.465  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 8017     | 1.251  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 56894    | 68.630 | ug/l # | 10       |
| 82) 4-Chlorotoluene           | 11.305 | 91   | 2542     | 0.412  | ug/l   | 92       |
| 83) tert-Butylbenzene         | 11.750 | 119  | 1597     | 0.257  | ug/l # | 43       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 17132    | 2.675  | ug/l   | 81       |
| 89) n-Butylbenzene            | 12.311 | 91   | 1938     | 0.337  | ug/l # | 58       |
| 90) Hexachloroethane          | 12.555 | 117  | 281      | 0.217  | ug/l # | 14       |
| 95) Naphthalene               | 13.780 | 128  | 9326     | 1.214  | ug/l   | 97       |
| -----                         |        |      |          |        |        |          |

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

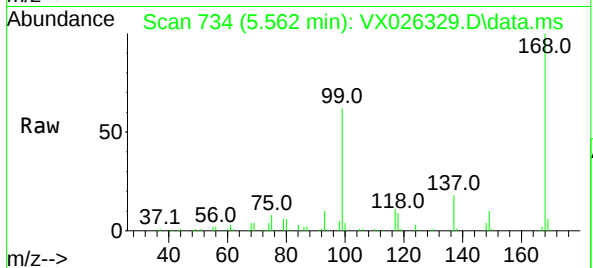
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 30 08:02:21 2021  
Response via : Initial Calibration



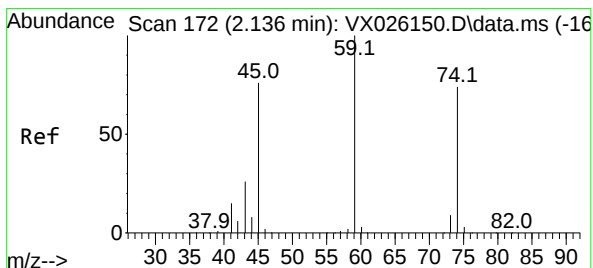
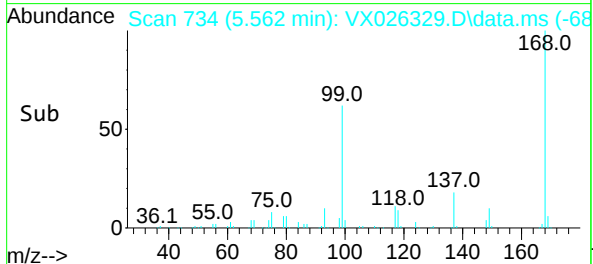
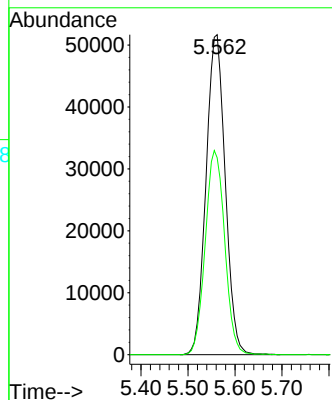


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Instrument :  
MSVOA\_X  
ClientSampleId :

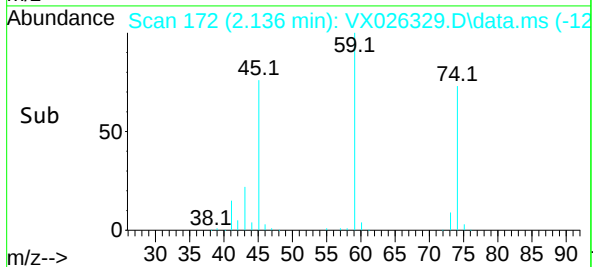
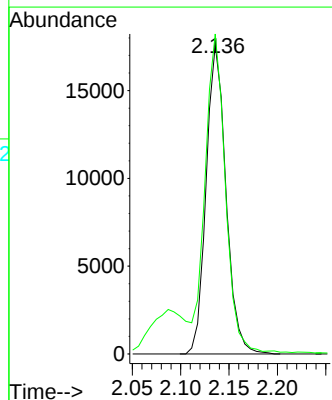
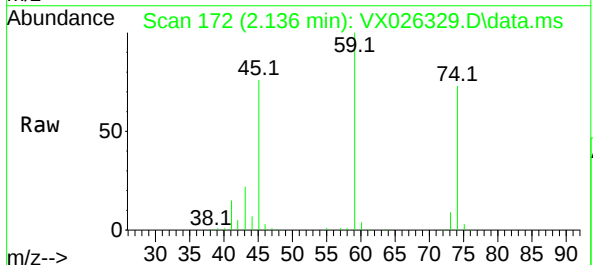


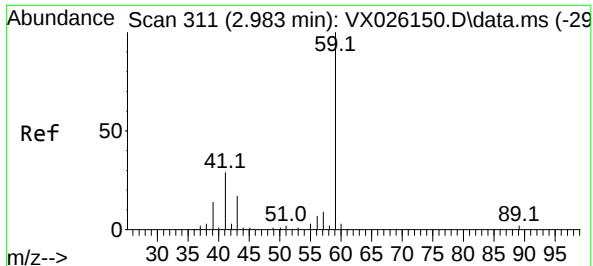
Tgt Ion:168 Resp: 146461  
Ion Ratio Lower Upper  
168 100  
99 61.5 45.8 68.8



#8  
Diethyl Ether  
Concen: 22.595 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion: 74 Resp: 25196  
Ion Ratio Lower Upper  
74 100  
45 104.2 50.4 151.2





#11

Tert butyl alcohol

Concen: 72.660 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.018 min

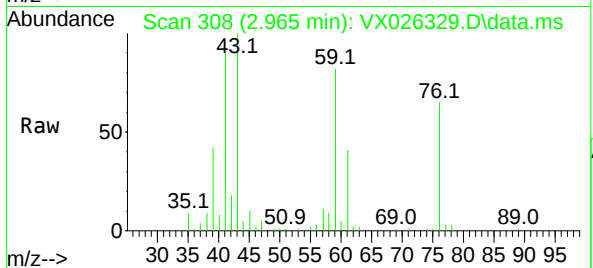
Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

Instrument :

MSVOA\_X

ClientSampleId :

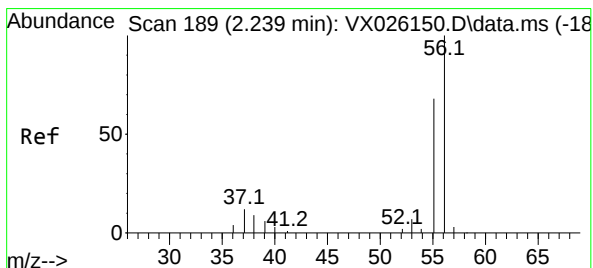
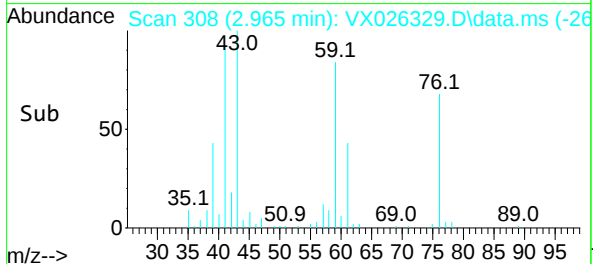
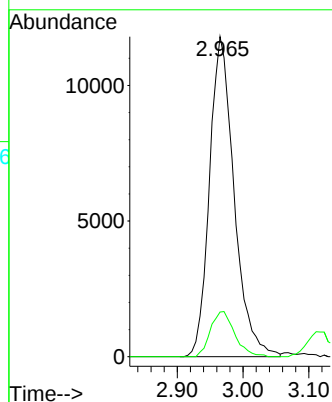


Tgt Ion: 59 Resp: 30750

Ion Ratio Lower Upper

59 100

57 13.9 8.2 12.2#



#13

Acrolein

Concen: 0.773 ug/l

RT: 2.288 min Scan# 197

Delta R.T. 0.049 min

Lab File: VX026329.D

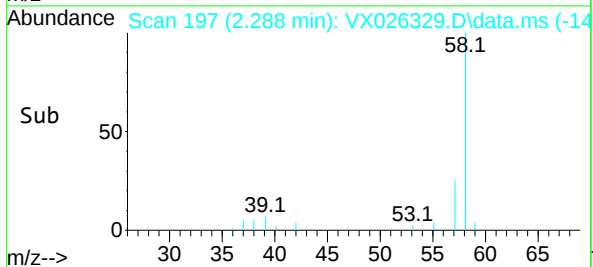
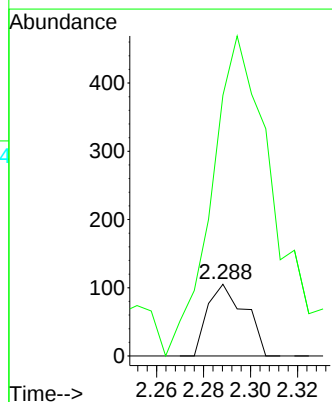
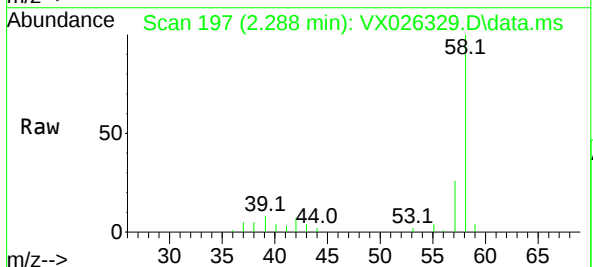
Acq: 05 Jan 2022 17:56

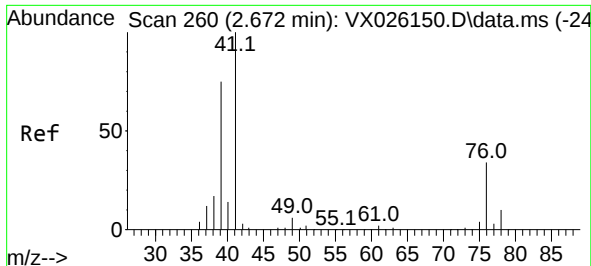
Tgt Ion: 56 Resp: 117

Ion Ratio Lower Upper

56 100

55 732.5 57.4 86.2#





#14

Allyl chloride

Concen: 1.809 ug/l

RT: 2.550 min Scan# 24

Delta R.T. -0.122 min

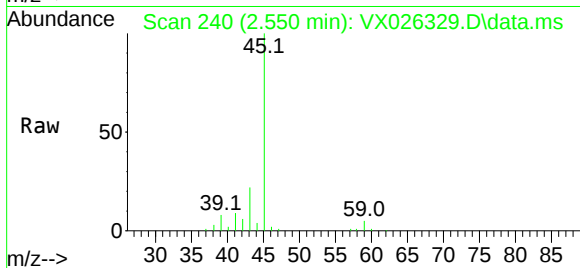
Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

Instrument :

MSVOA\_X

ClientSampleId :



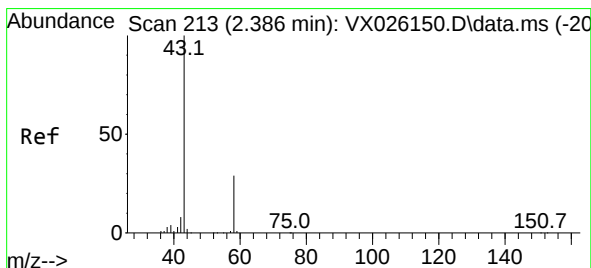
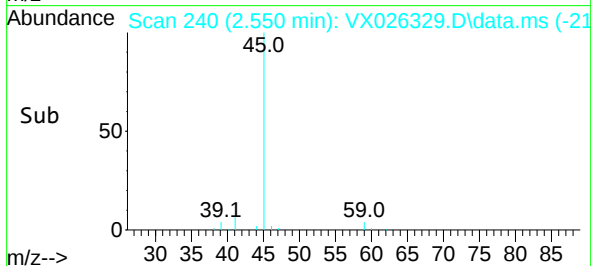
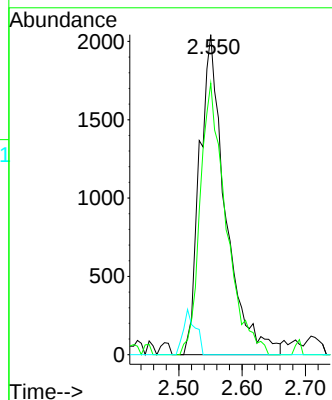
Tgt Ion: 41 Resp: 5797

Ion Ratio Lower Upper

41 100

39 85.1 55.4 83.0#

76 0.0 27.6 41.4#



#16

Acetone

Concen: 39.969 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX026329.D

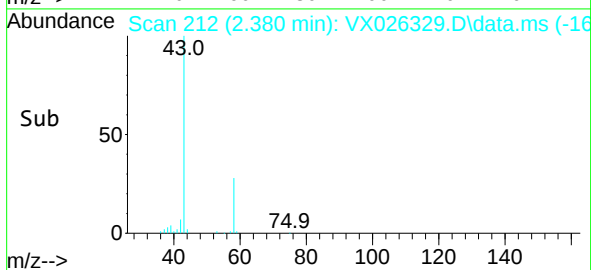
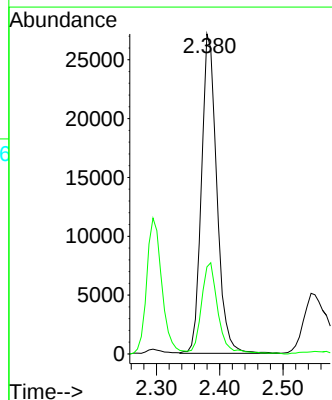
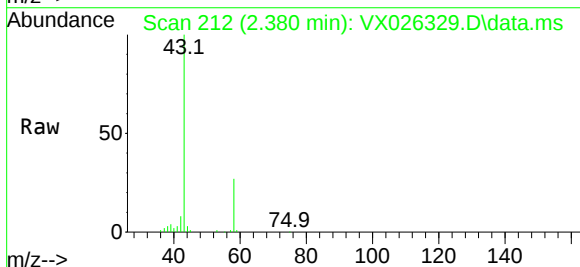
Acq: 05 Jan 2022 17:56

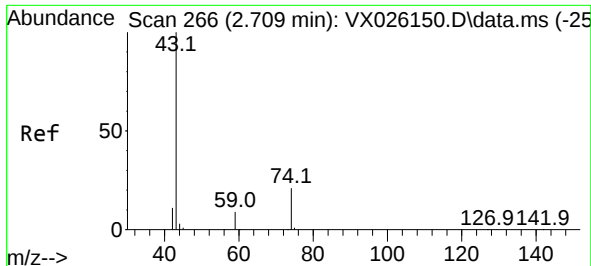
Tgt Ion: 43 Resp: 45886

Ion Ratio Lower Upper

43 100

58 27.1 24.8 37.2





#18

Methyl Acetate

Concen: 1.745 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

Instrument :

MSVOA\_X

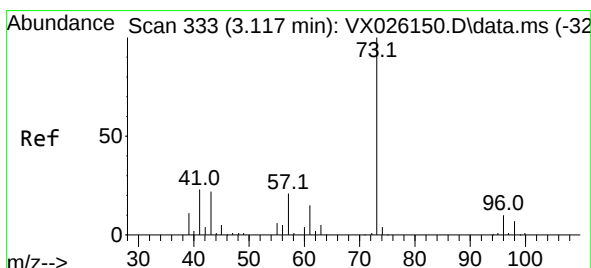
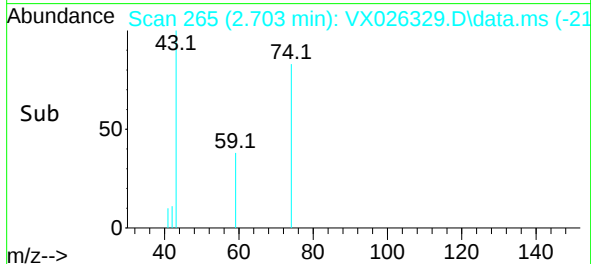
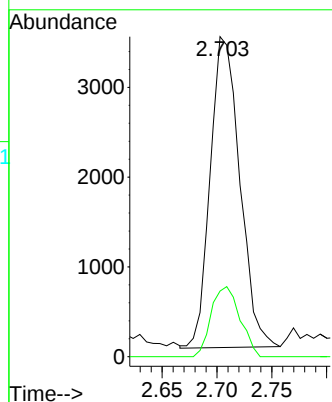
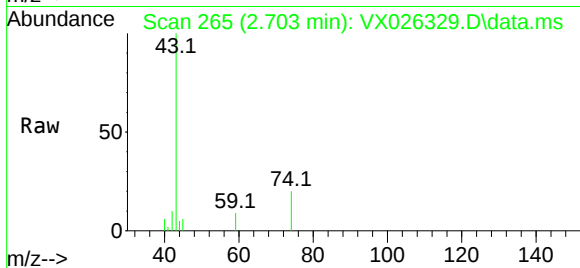
ClientSampleId :

Tgt Ion: 43 Resp: 6498

Ion Ratio Lower Upper

43 100

74 21.9 19.1 28.7



#19

Methyl tert-butyl Ether

Concen: 1.267 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX026329.D

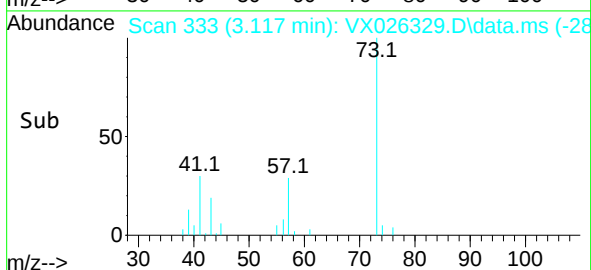
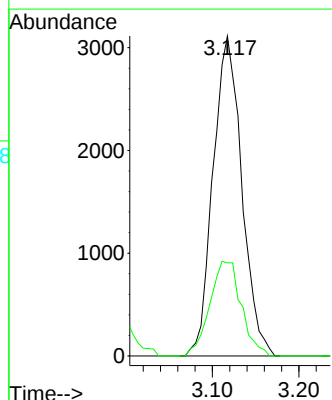
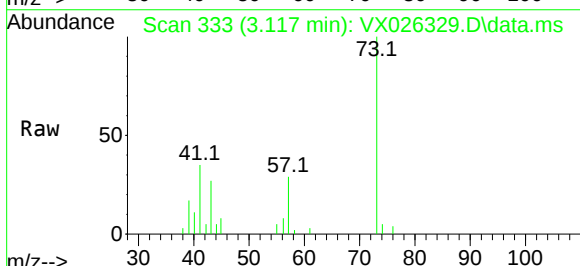
Acq: 05 Jan 2022 17:56

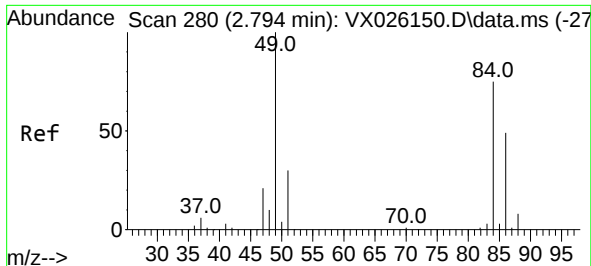
Tgt Ion: 73 Resp: 7180

Ion Ratio Lower Upper

73 100

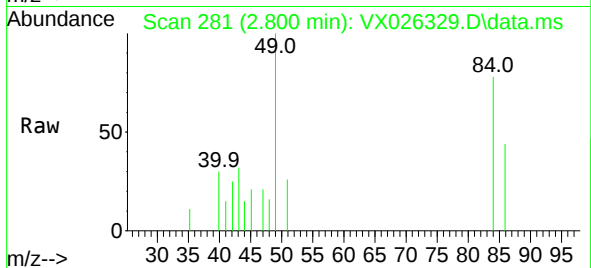
57 29.1 17.0 25.6#





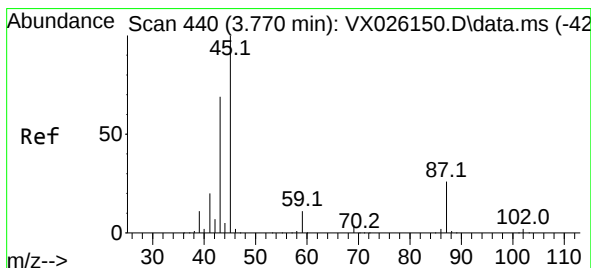
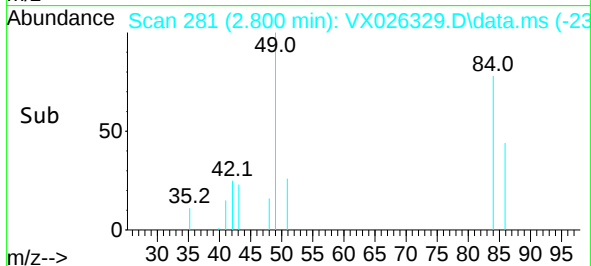
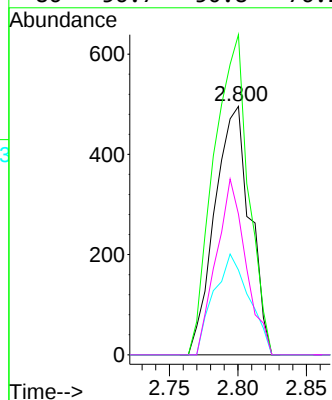
#20  
Methylene Chloride  
Concen: Below Cal  
RT: 2.800 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 84 Resp: 889

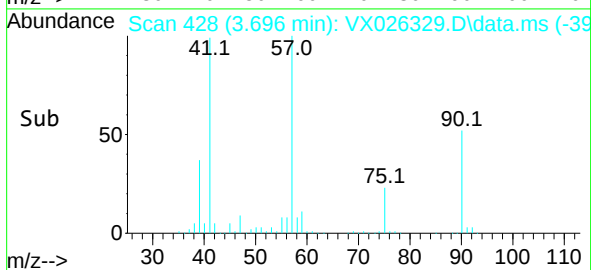
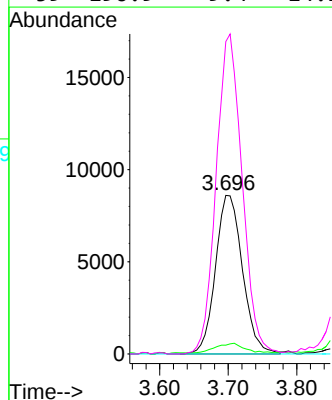
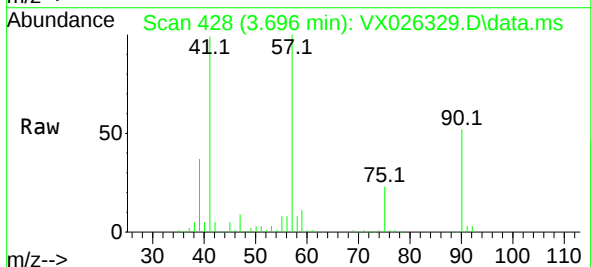
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 128.8 | 97.1  | 145.7 |
| 51  | 34.1  | 29.3  | 43.9  |
| 86  | 56.7  | 50.8  | 76.2  |

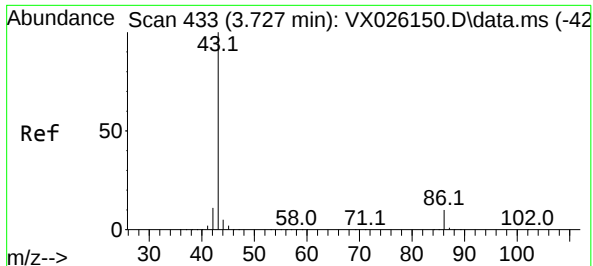


#22  
Diisopropyl ether  
Concen: 3.842 ug/l  
RT: 3.696 min Scan# 428  
Delta R.T. -0.074 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion: 45 Resp: 23504

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 4.8   | 63.8  | 95.6# |
| 87  | 0.0   | 24.2  | 36.4# |
| 59  | 196.9 | 9.4   | 14.2# |

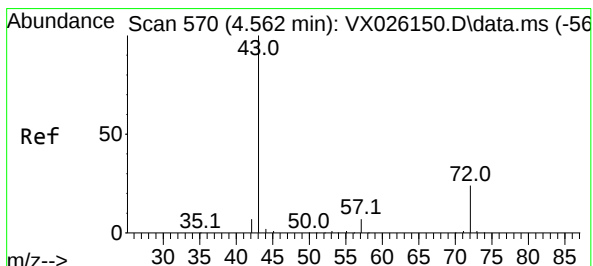
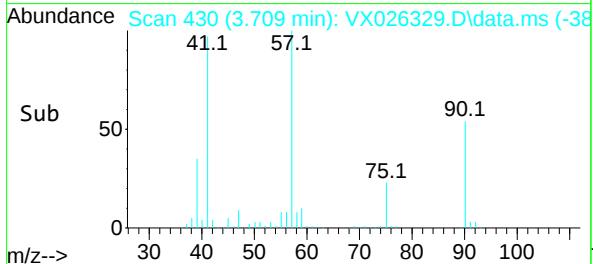
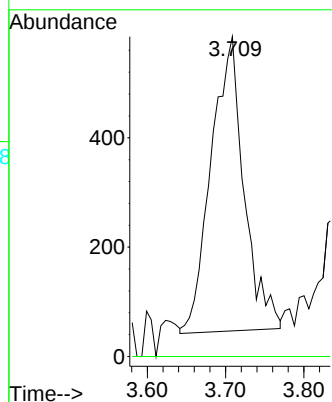
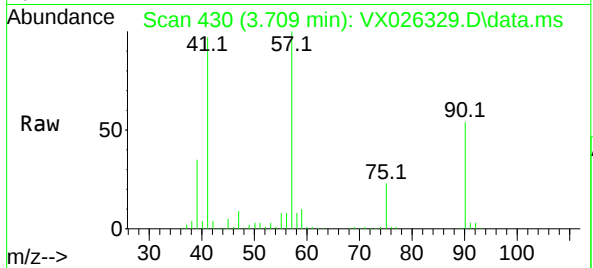




#23  
 Vinyl Acetate  
 Concen: 0.324 ug/l  
 RT: 3.709 min Scan# 41  
 Delta R.T. -0.018 min  
 Lab File: VX026329.D  
 Acq: 05 Jan 2022 17:56

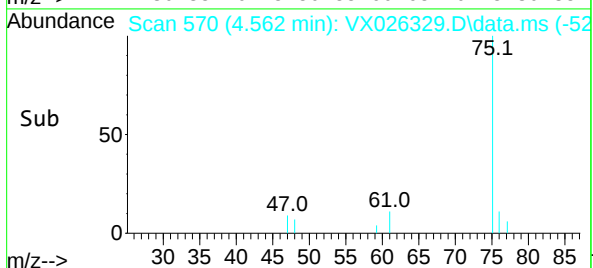
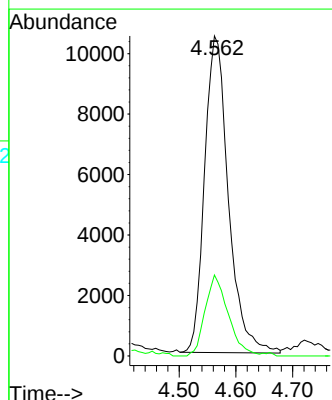
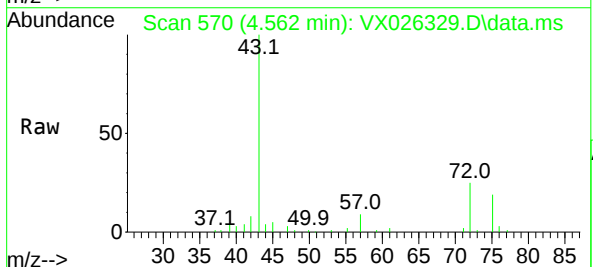
Instrument :  
 MSVOA\_X  
 ClientSampleId :

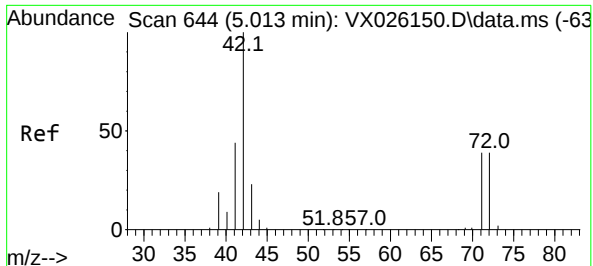
Tgt Ion: 43 Resp: 1575  
 Ion Ratio Lower Upper  
 43 100  
 86 0.0 9.0 13.6#



#25  
 2-Butanone  
 Concen: 19.149 ug/l  
 RT: 4.562 min Scan# 570  
 Delta R.T. 0.000 min  
 Lab File: VX026329.D  
 Acq: 05 Jan 2022 17:56

Tgt Ion: 43 Resp: 30623  
 Ion Ratio Lower Upper  
 43 100  
 72 25.6 21.0 31.4





#29

Tetrahydrofuran

Concen: 1.544 ug/l

RT: 5.032 min Scan# 644

Delta R.T. 0.019 min

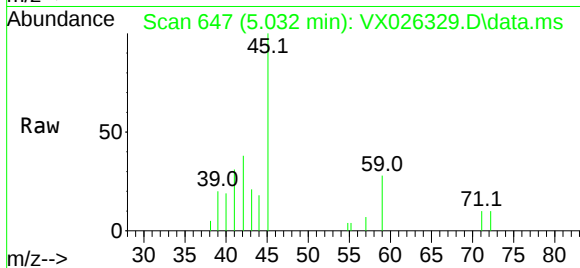
Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

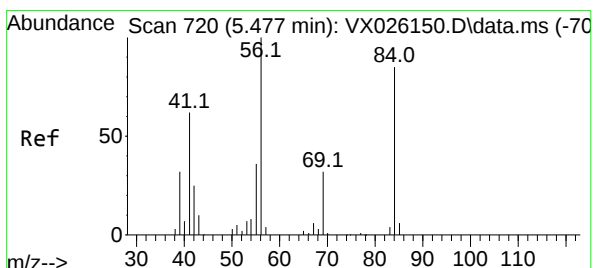
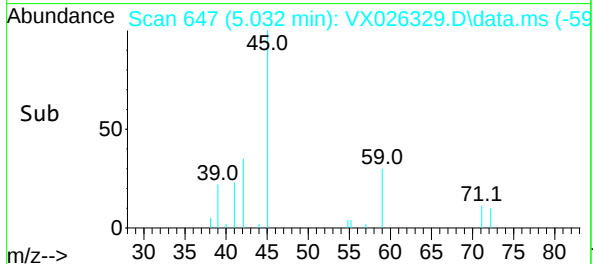
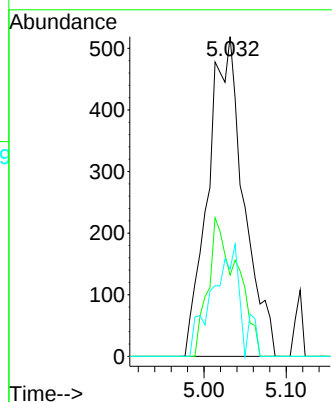
Instrument :

MSVOA\_X

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 1556  |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 0.0   | 37.0  | 55.6# |
| 71        | 25.6  | 34.1  | 51.1# |



#31

Cyclohexane

Concen: 0.646 ug/l

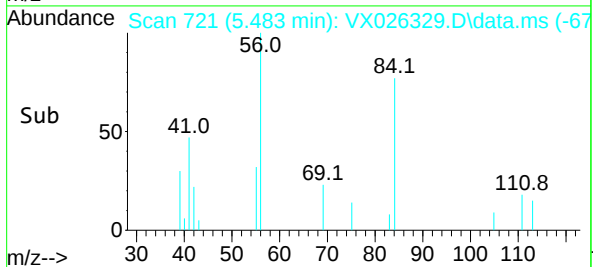
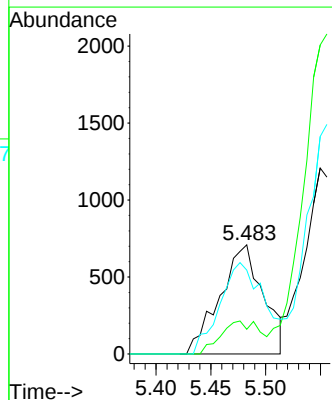
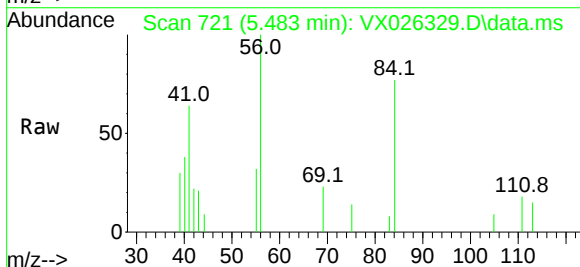
RT: 5.483 min Scan# 721

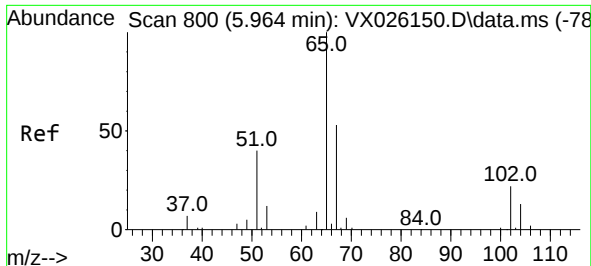
Delta R.T. 0.006 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 1949  |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 22.6  | 23.9  | 35.9# |
| 84        | 76.9  | 73.2  | 109.8 |





#33

1,2-Dichloroethane-d4

Concen: 50.691 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

Instrument :

MSVOA\_X

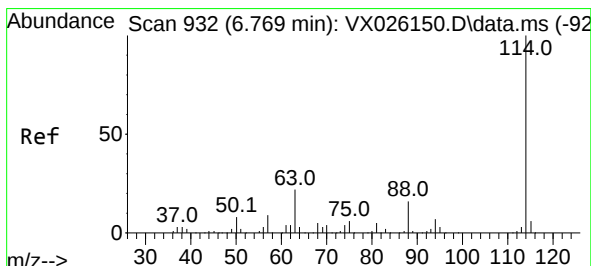
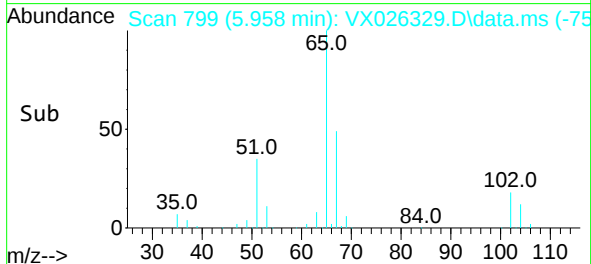
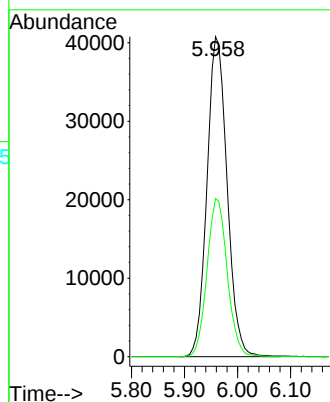
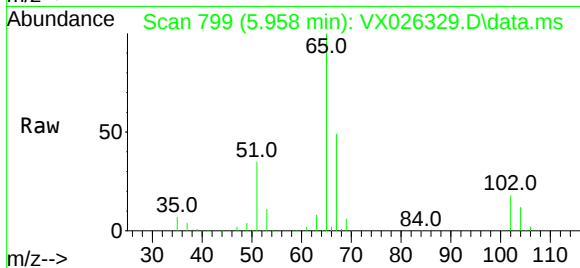
ClientSampleId :

Tgt Ion: 65 Resp: 107408

Ion Ratio Lower Upper

65 100

67 49.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

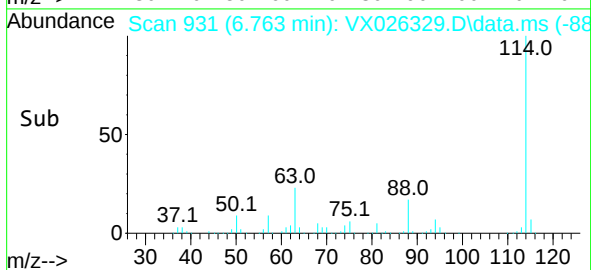
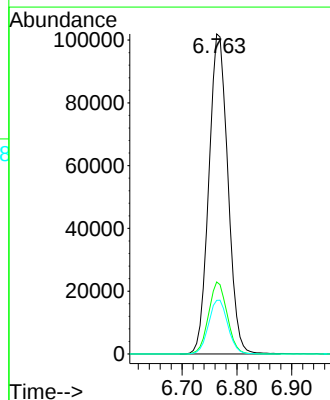
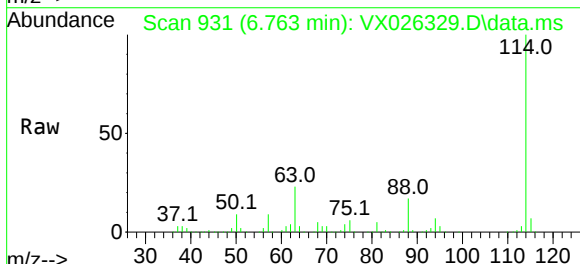
Tgt Ion: 114 Resp: 244612

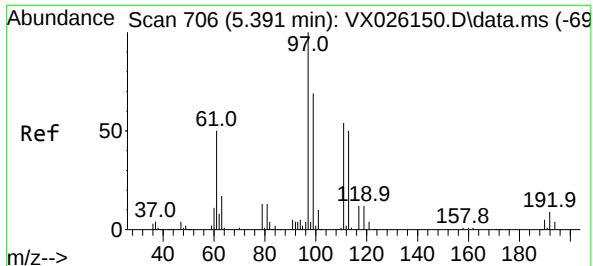
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 16.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.320 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

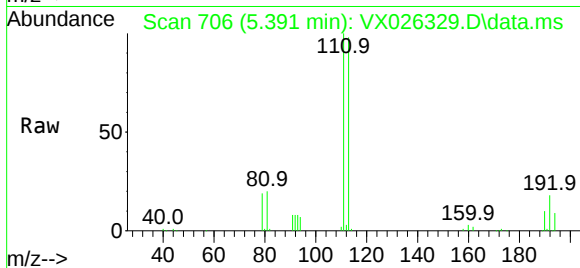
Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

Instrument :

MSVOA\_X

ClientSampleId :



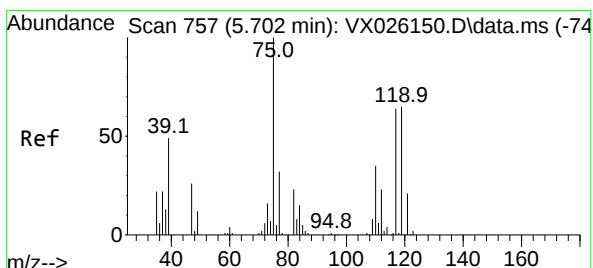
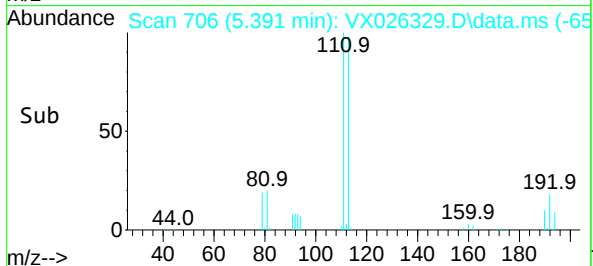
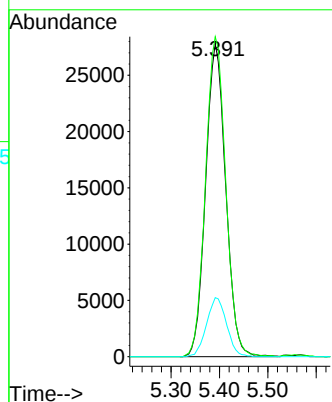
Tgt Ion:113 Resp: 80024

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.8

192 18.8 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.867 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

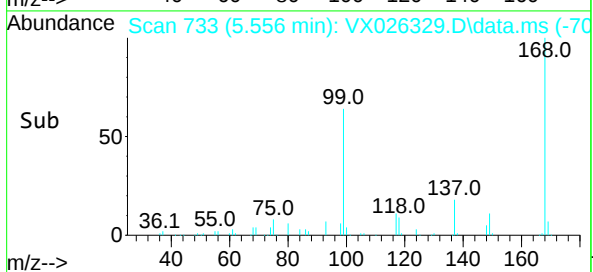
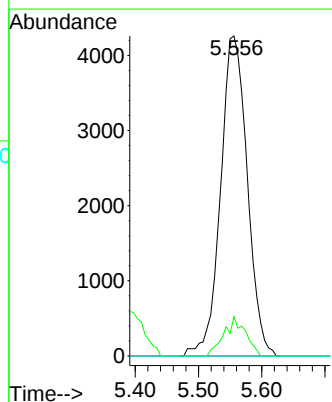
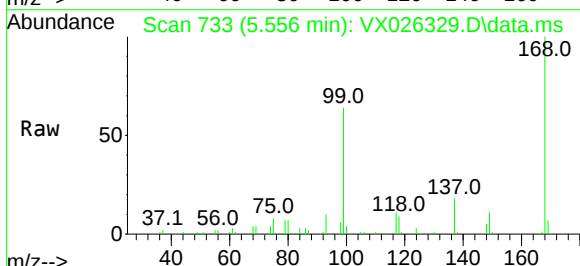
Tgt Ion: 75 Resp: 12485

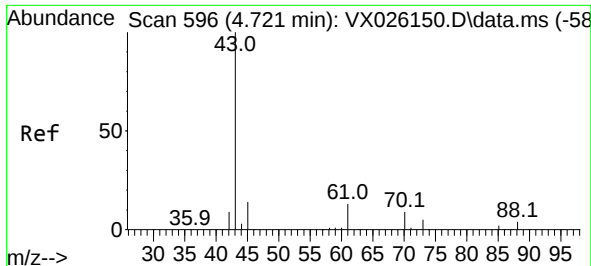
Ion Ratio Lower Upper

75 100

110 9.9 18.2 54.6#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.512 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

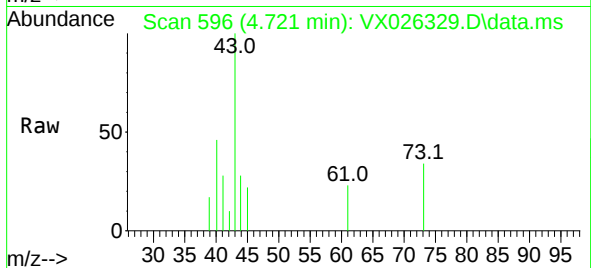
Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

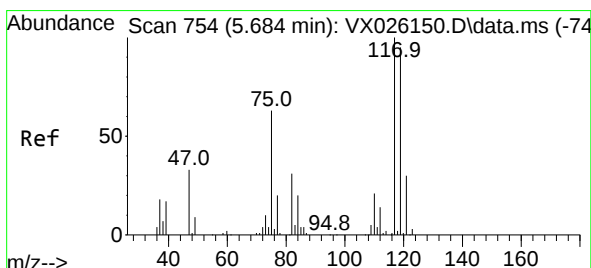
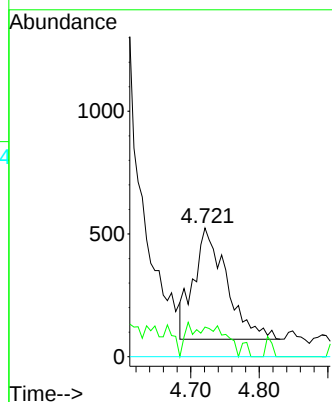
Instrument :

MSVOA\_X

ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 1524     |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 0.0 10.7 16.1# |
| 70          | 0.0 8.5 12.7#  |



#38

Carbon Tetrachloride

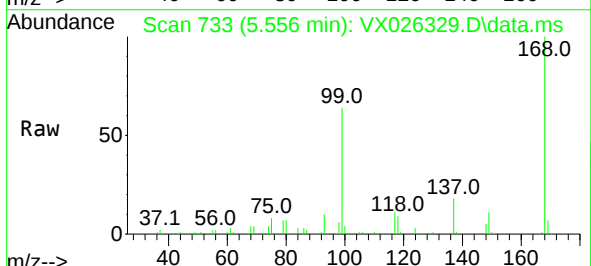
Concen: 5.573 ug/l

RT: 5.556 min Scan# 733

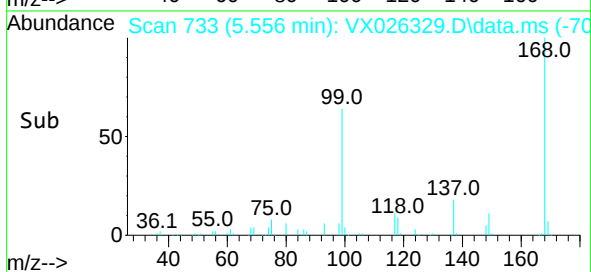
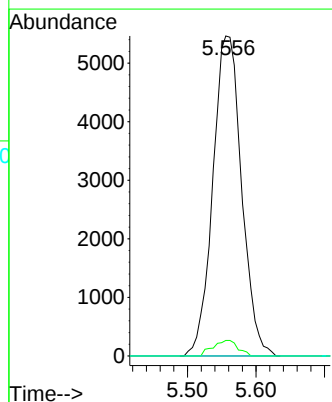
Delta R.T. -0.128 min

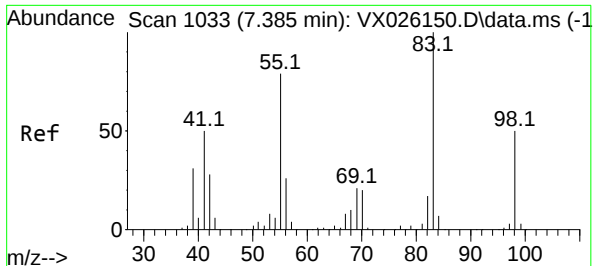
Lab File: VX026329.D

Acq: 05 Jan 2022 17:56



|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 15902     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 4.8 77.2 115.8# |
| 121          | 0.0 23.8 35.8#  |





#39

Methylcyclohexane

Concen: 0.379 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

Instrument :

MSVOA\_X

ClientSampleId :

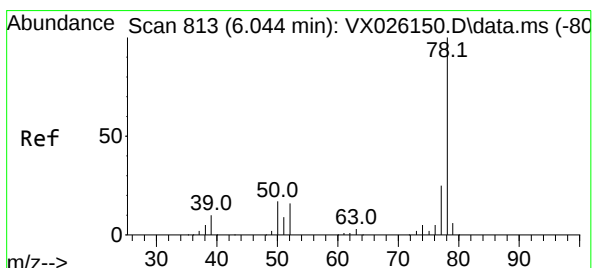
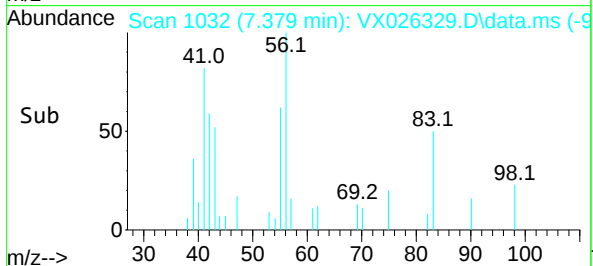
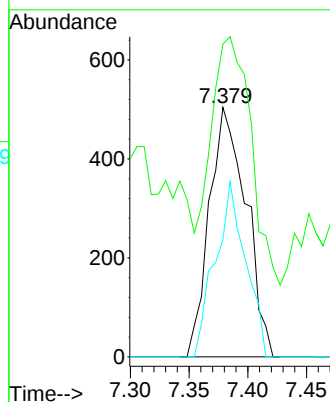
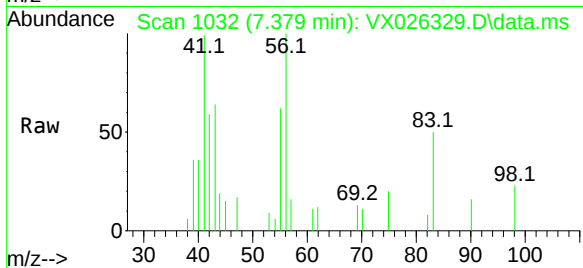
Tgt Ion: 83 Resp: 1096

Ion Ratio Lower Upper

83 100

55 96.6 57.8 86.8#

98 47.0 40.5 60.7



#40

Benzene

Concen: 71.210 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX026329.D

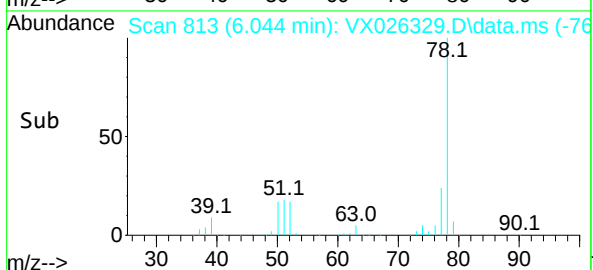
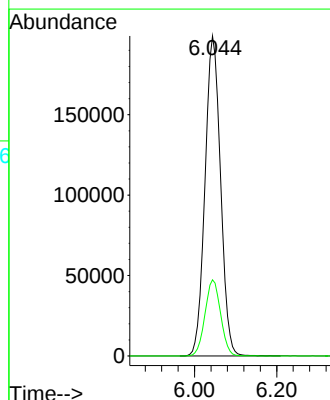
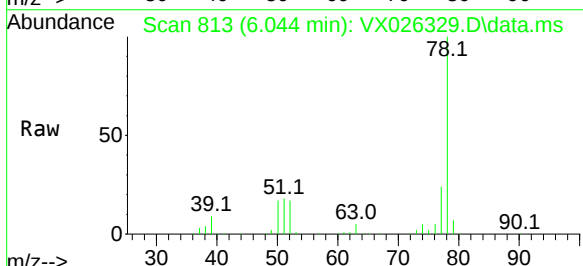
Acq: 05 Jan 2022 17:56

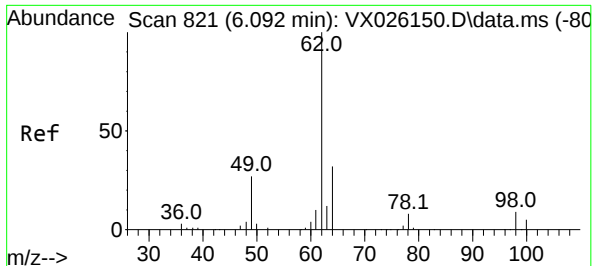
Tgt Ion: 78 Resp: 521297

Ion Ratio Lower Upper

78 100

77 23.8 18.6 27.8





#42

1,2-Dichloroethane

Concen: 1.760 ug/l

RT: 6.050 min Scan# 81

Delta R.T. -0.042 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

Instrument :

MSVOA\_X

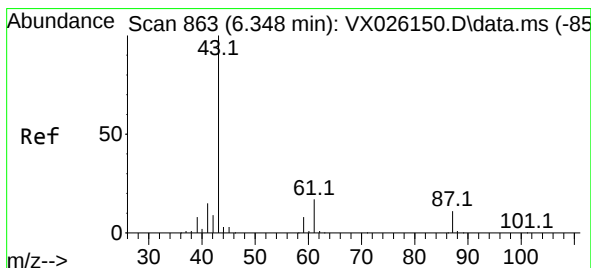
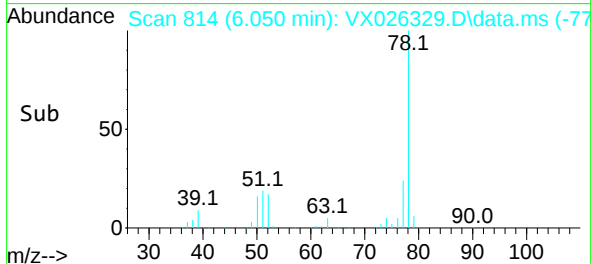
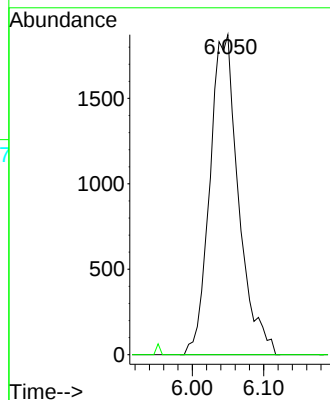
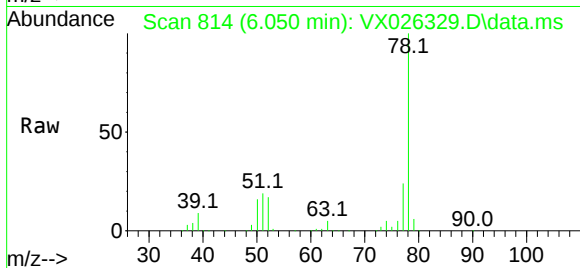
ClientSampleId :

Tgt Ion: 62 Resp: 5213

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.8



#43

Isopropyl Acetate

Concen: 1.200 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.012 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

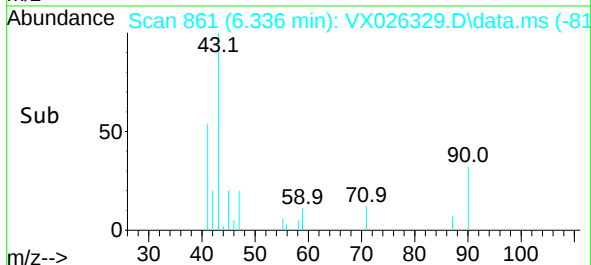
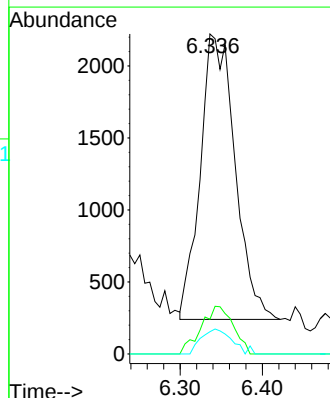
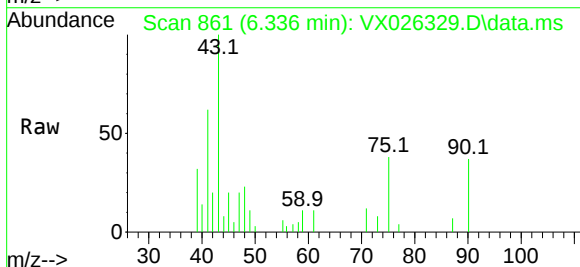
Tgt Ion: 43 Resp: 5818

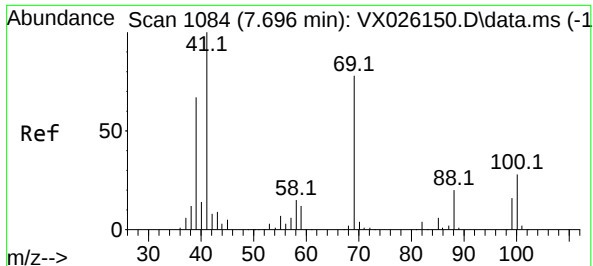
Ion Ratio Lower Upper

43 100

61 15.5 15.7 23.5#

87 7.7 11.2 16.8#





#48

Methyl methacrylate

Concen: 22.359 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.116 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

Instrument :

MSVOA\_X

ClientSampleId :

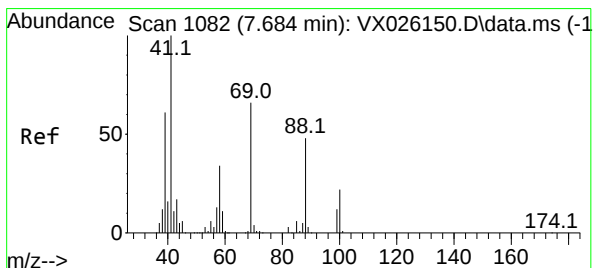
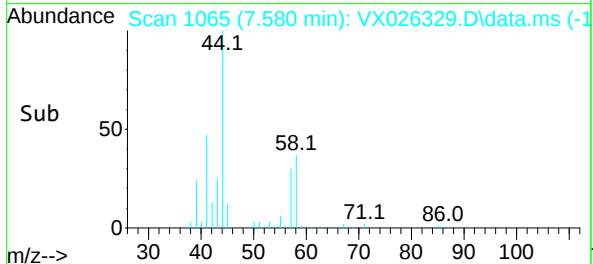
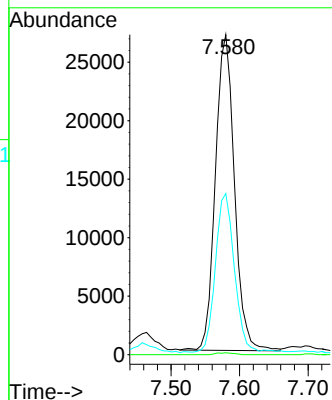
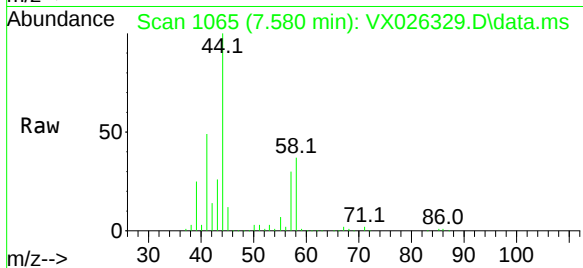
Tgt Ion: 41 Resp: 51978

Ion Ratio Lower Upper

41 100

69 0.5 67.3 100.9#

39 50.1 50.2 75.2#



#49

1,4-Dioxane

Concen: 202.149 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. -0.013 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

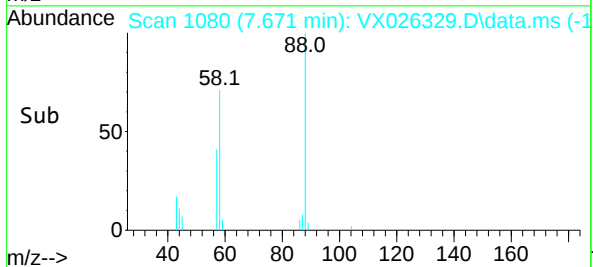
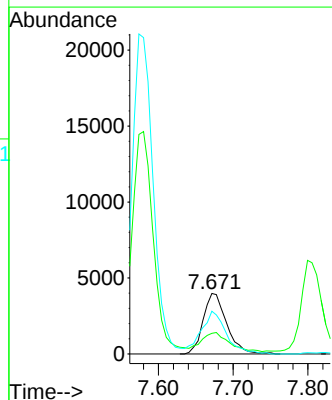
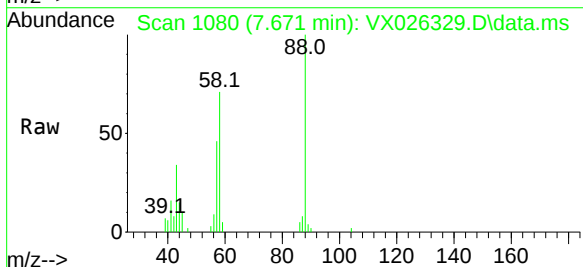
Tgt Ion: 88 Resp: 8660

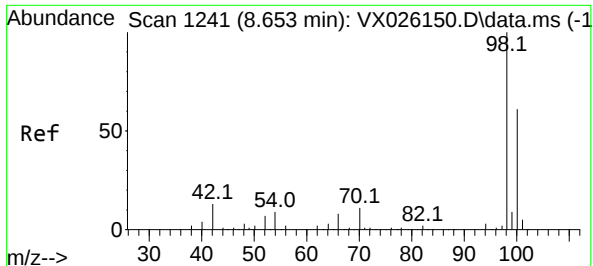
Ion Ratio Lower Upper

88 100

43 34.0 25.3 37.9

58 75.9 51.8 77.6

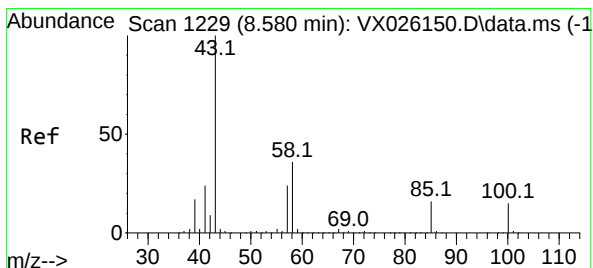
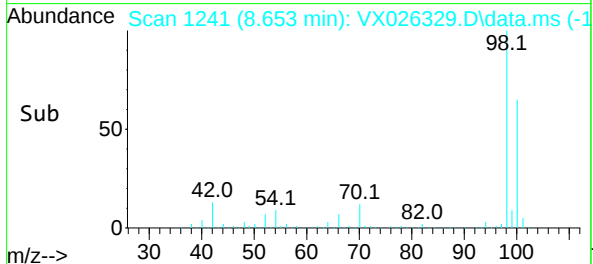
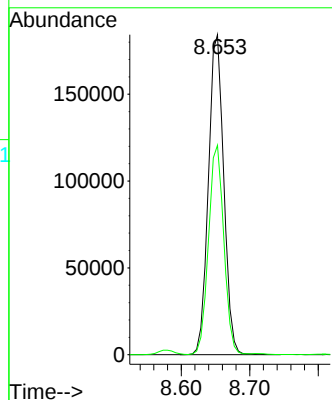
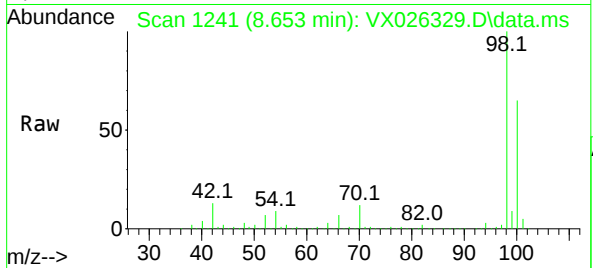




#50  
Toluene-d8  
Concen: 48.611 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

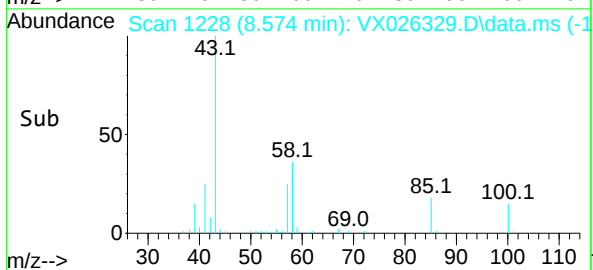
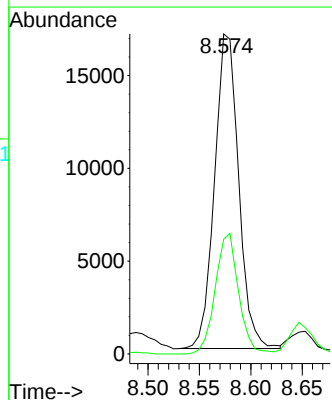
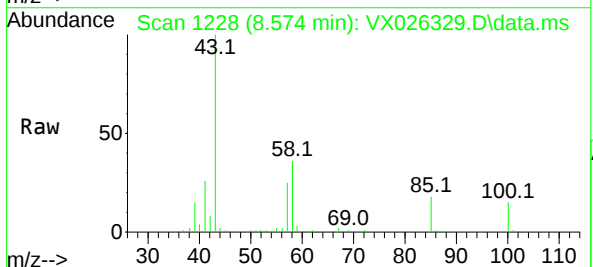
Instrument :  
MSVOA\_X  
ClientSampleId :

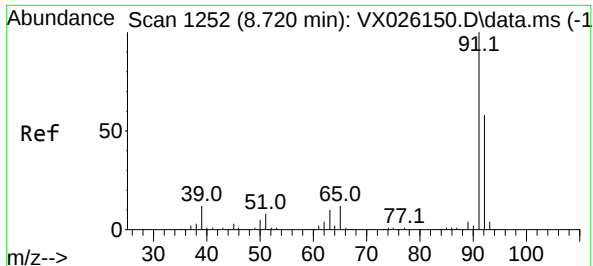
Tgt Ion: 98 Resp: 287549  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.6 78.8



#51  
4-Methyl-2-Pentanone  
Concen: 9.172 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.006 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

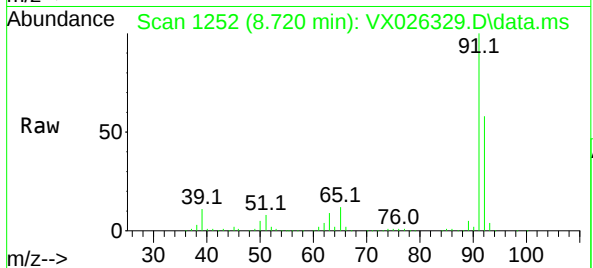
Tgt Ion: 43 Resp: 27665  
Ion Ratio Lower Upper  
43 100  
58 37.0 30.8 46.2



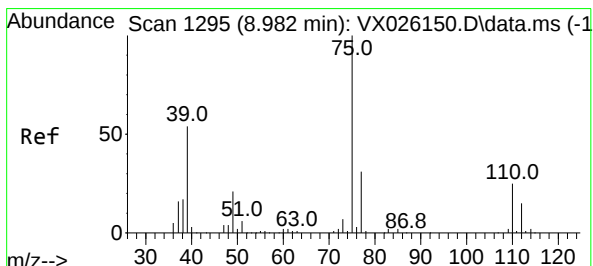
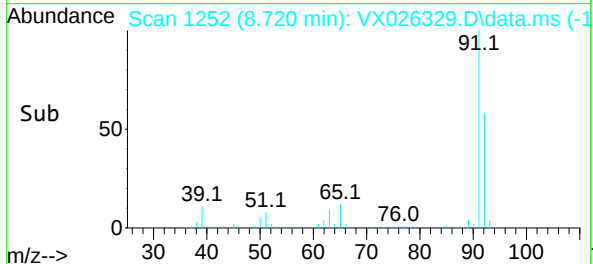
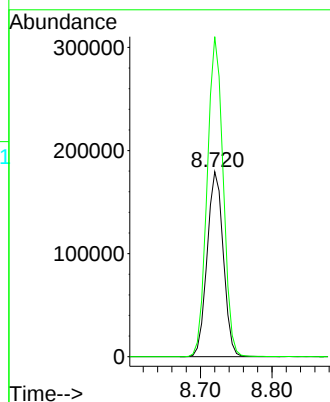


#52  
Toluene  
Concen: 62.471 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Instrument :  
MSVOA\_X  
ClientSampleId :

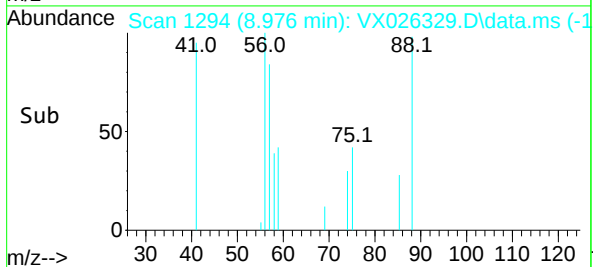
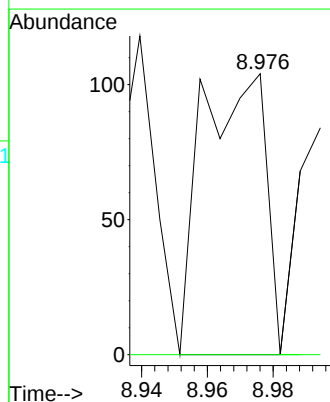
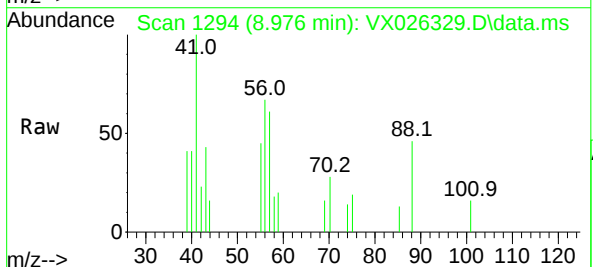


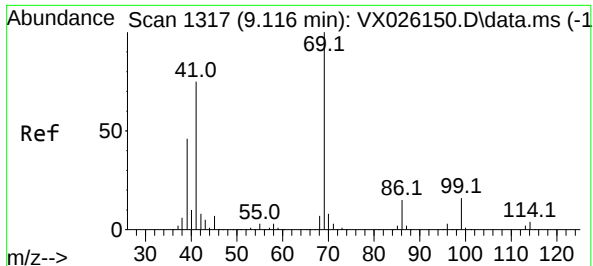
Tgt Ion: 92 Resp: 281537  
Ion Ratio Lower Upper  
92 100  
91 171.2 136.0 204.0



#53  
t-1,3-Dichloropropene  
Concen: 1.938 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. -0.006 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion: 75 Resp: 139  
Ion Ratio Lower Upper  
75 100  
77 0.0 25.1 37.7#





#56

Ethyl methacrylate

Concen: 4.234 ug/l

RT: 9.031 min Scan# 1189

Delta R.T. -0.085 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

Instrument :

MSVOA\_X

ClientSampleId :

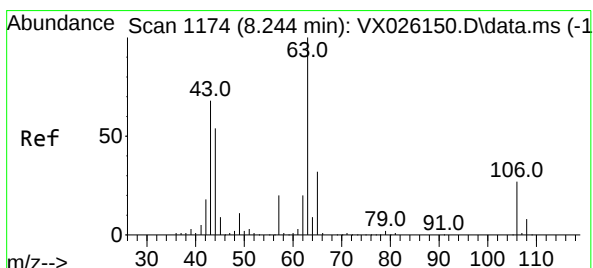
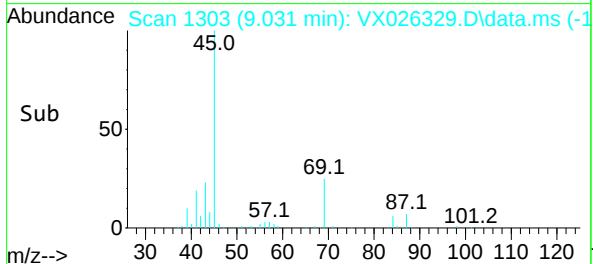
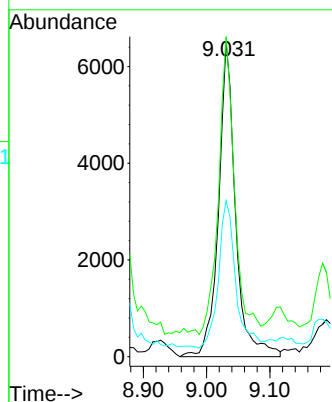
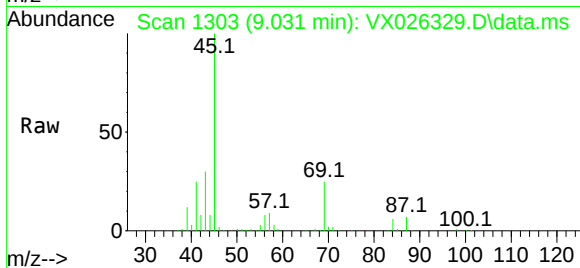
Tgt Ion: 69 Resp: 12095

Ion Ratio Lower Upper

69 100

41 89.5 52.8 79.2#

39 47.7 32.5 48.7



#58

2-Chloroethyl Vinyl ether

Concen: 10.181 ug/l

RT: 8.336 min Scan# 1189

Delta R.T. 0.092 min

Lab File: VX026329.D

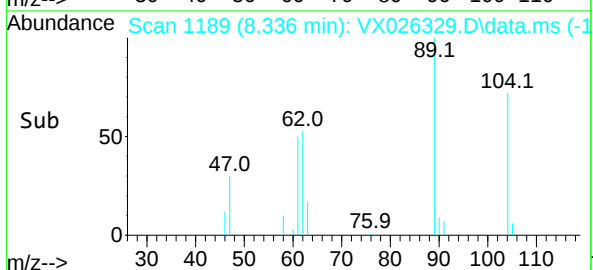
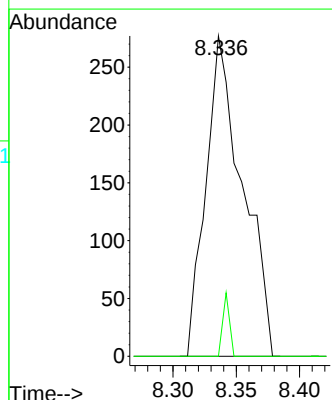
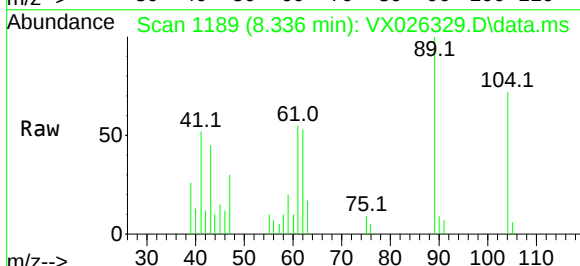
Acq: 05 Jan 2022 17:56

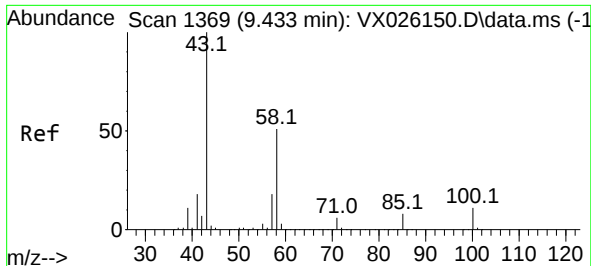
Tgt Ion: 63 Resp: 560

Ion Ratio Lower Upper

63 100

106 3.6 24.4 36.6#





#59

2-Hexanone

Concen: 2.605 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

Instrument :

MSVOA\_X

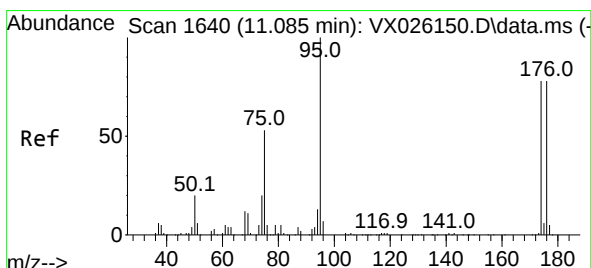
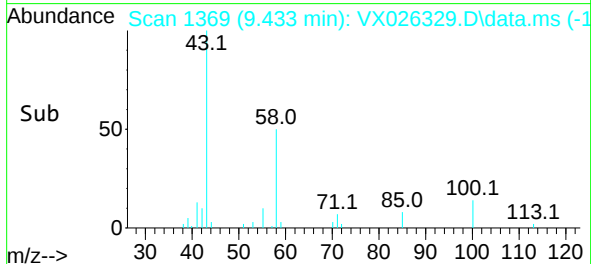
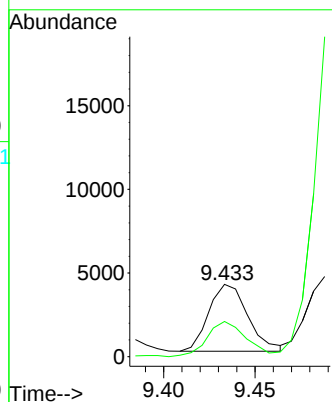
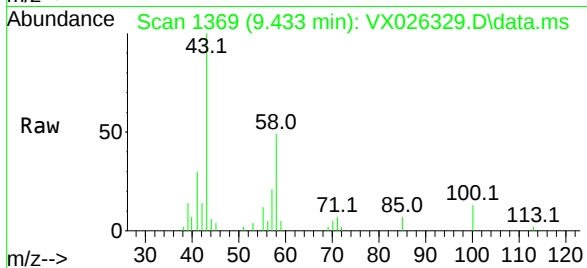
ClientSampleId :

Tgt Ion: 43 Resp: 5953

Ion Ratio Lower Upper

43 100

58 52.2 26.9 80.6



#62

4-Bromofluorobenzene

Concen: 52.333 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

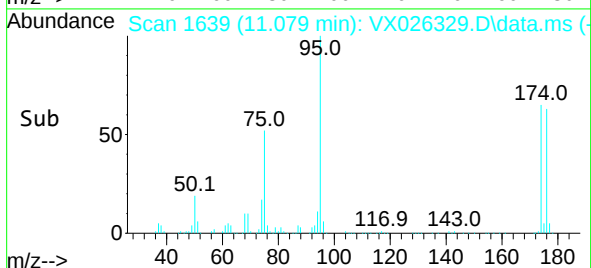
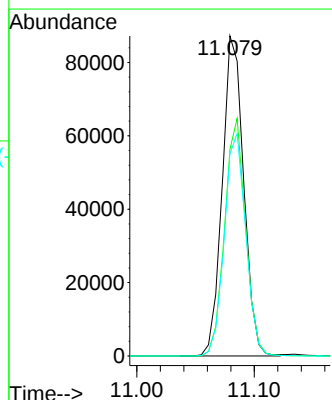
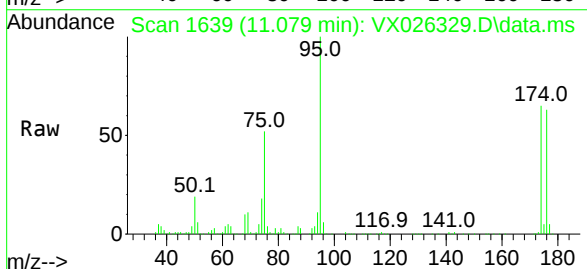
Tgt Ion: 95 Resp: 110201

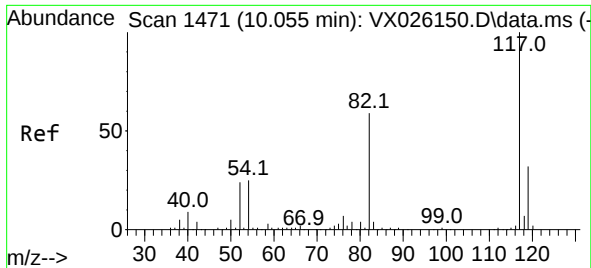
Ion Ratio Lower Upper

95 100

174 72.6 0.0 157.4

176 69.6 0.0 154.6

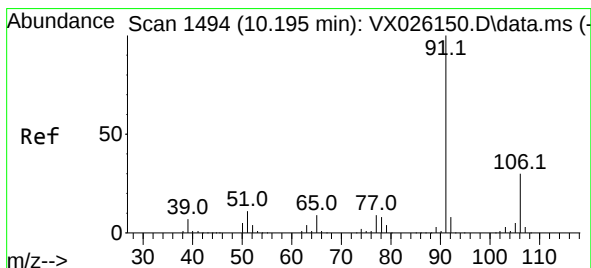
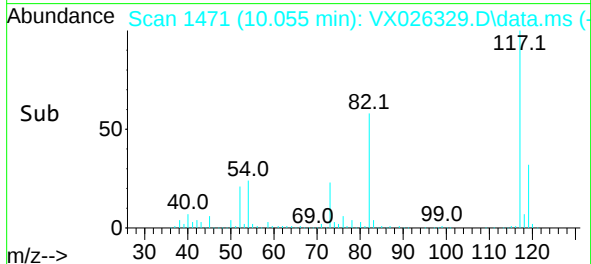
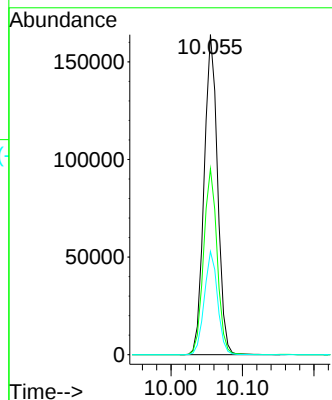
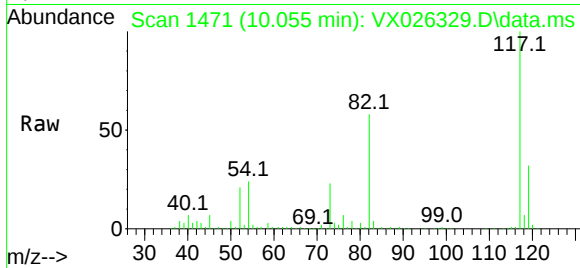




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

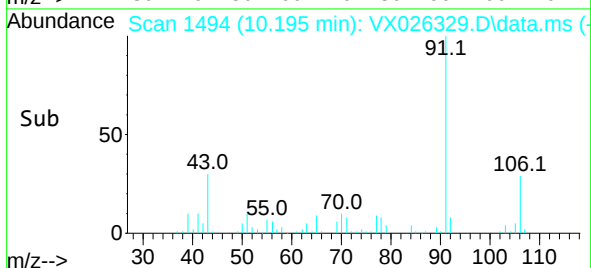
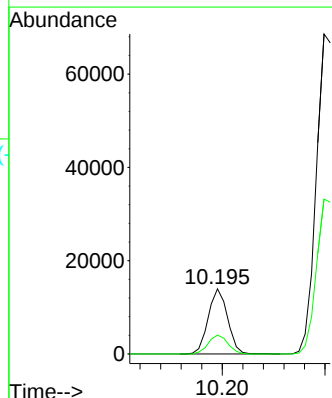
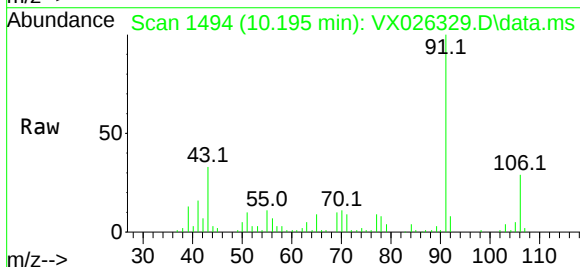
Instrument :  
MSVOA\_X  
ClientSampleId :

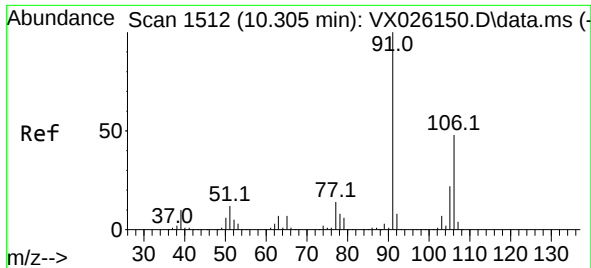
Tgt Ion:117 Resp: 214418  
Ion Ratio Lower Upper  
117 100  
82 58.1 43.8 65.6  
119 32.2 25.2 37.8



#67  
Ethyl Benzene  
Concen: 2.161 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion: 91 Resp: 18204  
Ion Ratio Lower Upper  
91 100  
106 29.0 25.7 38.5

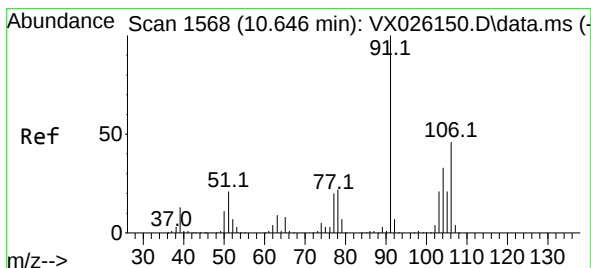
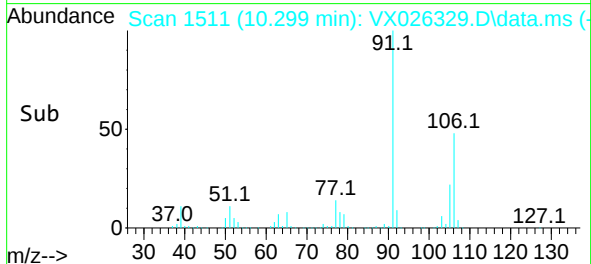
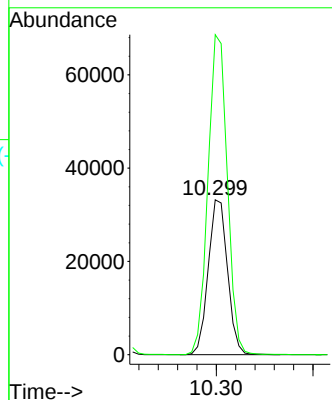
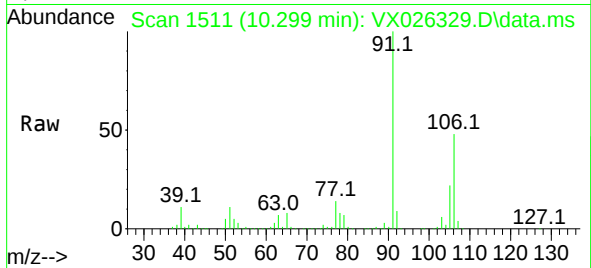




#68  
m/p-Xylenes  
Concen: 14.631 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.006 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

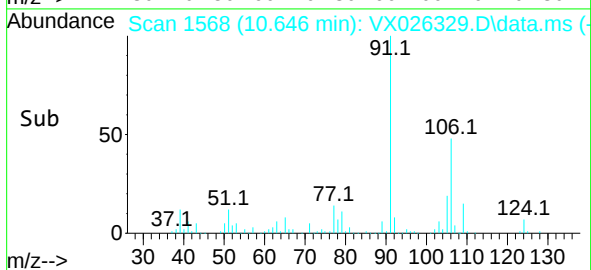
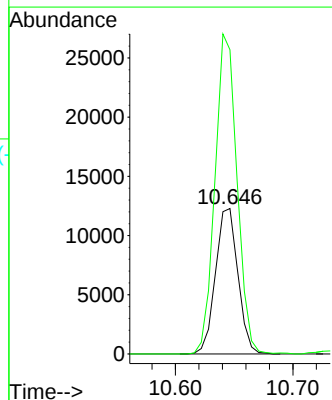
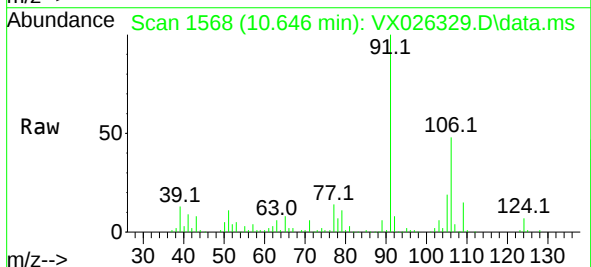
Instrument :  
MSVOA\_X  
ClientSampleId :

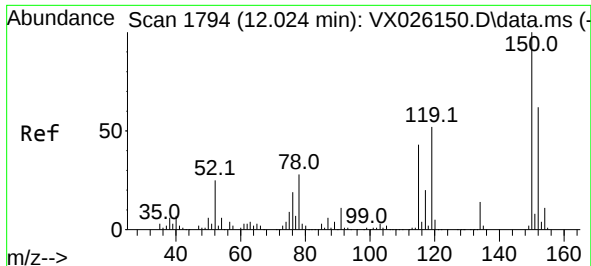
Tgt Ion:106 Resp: 46011  
Ion Ratio Lower Upper  
106 100  
91 207.5 158.6 238.0



#69  
o-Xylene  
Concen: 5.309 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

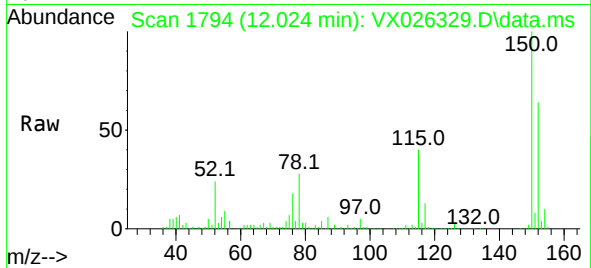
Tgt Ion:106 Resp: 16334  
Ion Ratio Lower Upper  
106 100  
91 216.3 105.5 316.4



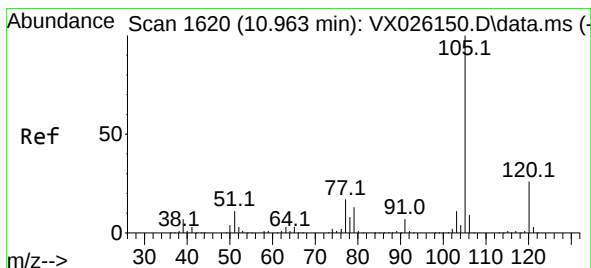
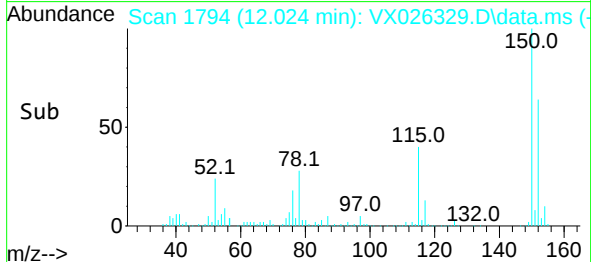
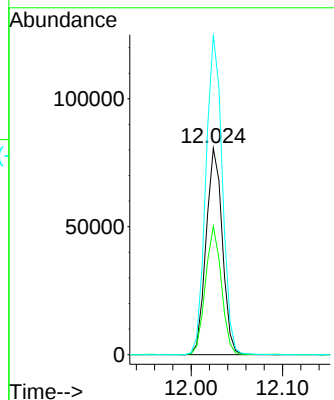


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Instrument :  
MSVOA\_X  
ClientSampleId :

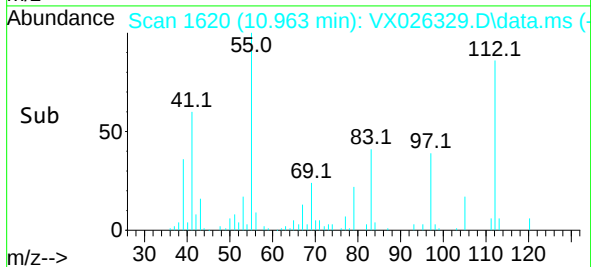
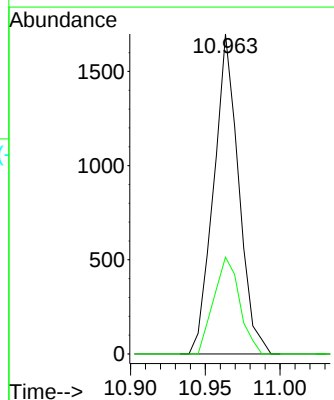
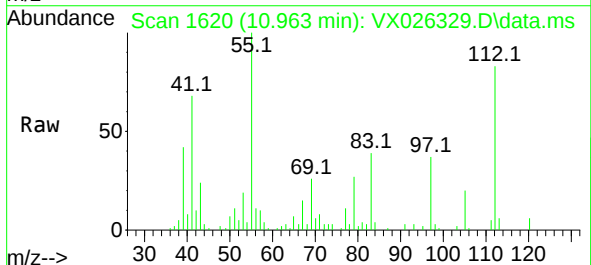


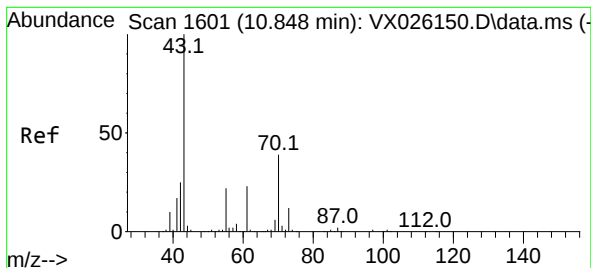
Tgt Ion:152 Resp: 99360  
Ion Ratio Lower Upper  
152 100  
115 61.0 41.3 123.9  
150 156.5 0.0 351.8



#73  
Isopropylbenzene  
Concen: 0.255 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion:105 Resp: 1971  
Ion Ratio Lower Upper  
105 100  
120 31.2 13.6 40.7





#74

N-ethyl acetate

Concen: 21.421 ug/l

RT: 10.756 min Scan# 1

Delta R.T. -0.092 min

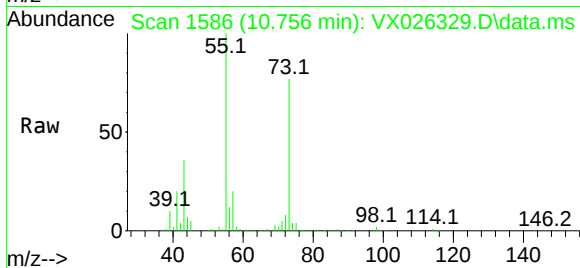
Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion: 43 Resp: 75967

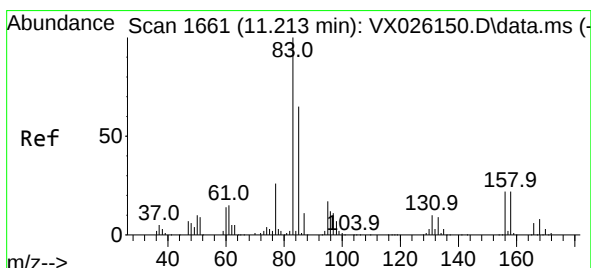
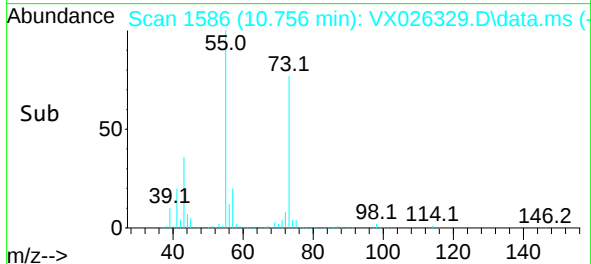
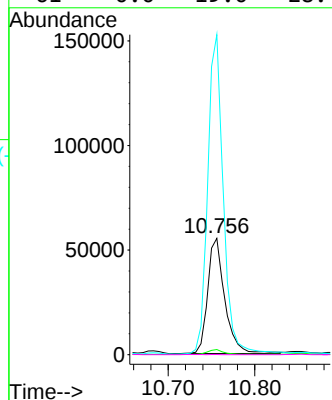
Ion Ratio Lower Upper

43 100

70 4.2 34.1 51.1#

55 252.4 19.2 28.8#

61 0.0 19.0 28.4#



#75

1,1,2,2-Tetrachloroethane

Concen: 11.289 ug/l

RT: 11.280 min Scan# 1672

Delta R.T. 0.067 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

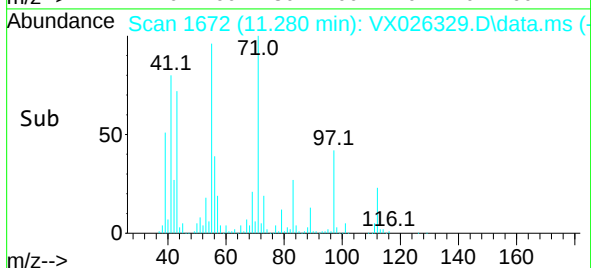
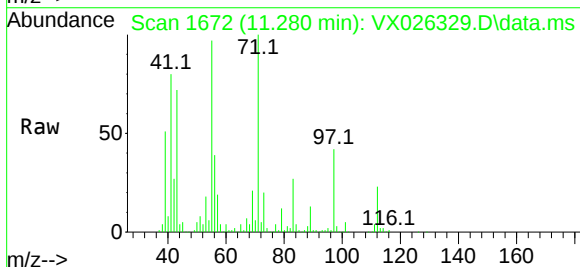
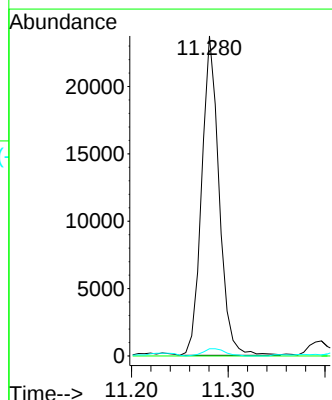
Tgt Ion: 83 Resp: 29652

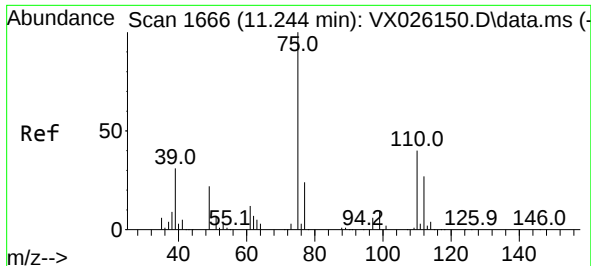
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 0.0 31.6 95.0#

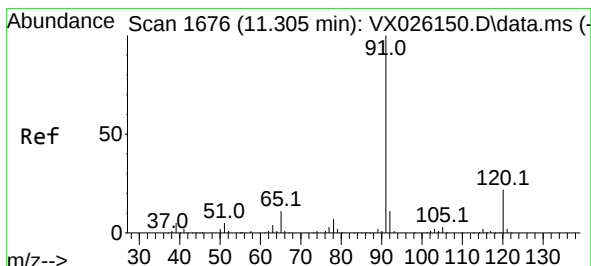
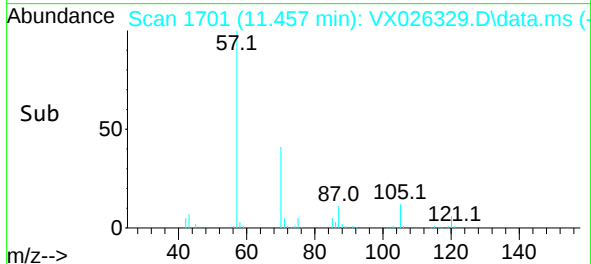
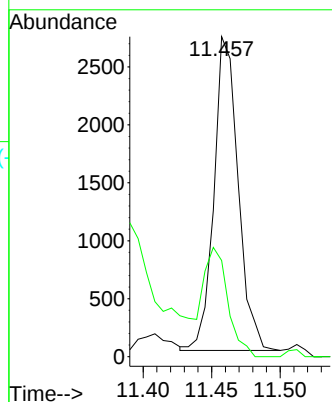
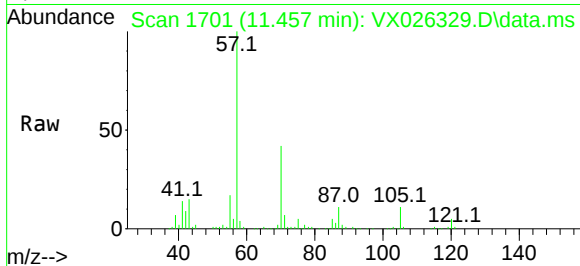




#76  
1,2,3-Trichloropropane  
Concen: 1.384 ug/l  
RT: 11.457 min Scan# 11  
Delta R.T. 0.213 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

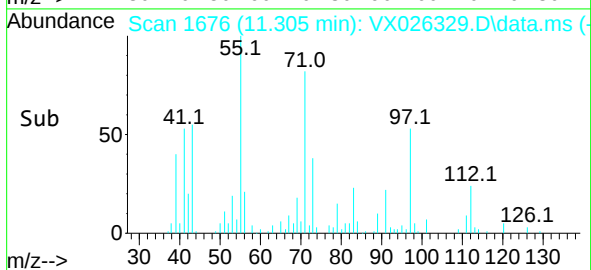
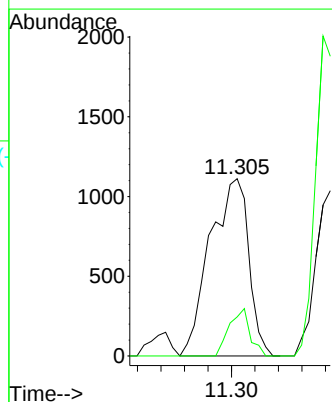
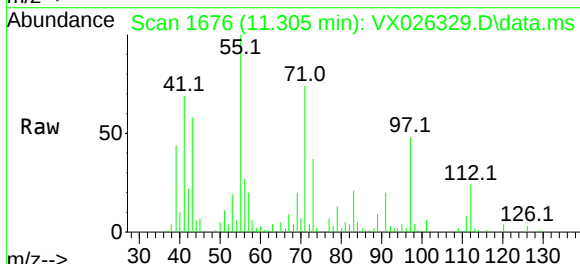
Instrument :  
MSVOA\_X  
ClientSampleId :

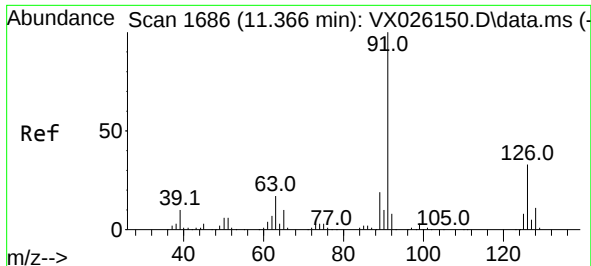
Tgt Ion: 75 Resp: 3320  
Ion Ratio Lower Upper  
75 100  
77 34.1 19.0 57.0



#78  
n-propylbenzene  
Concen: 0.286 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion: 91 Resp: 2542  
Ion Ratio Lower Upper  
91 100  
120 14.3 12.0 36.1

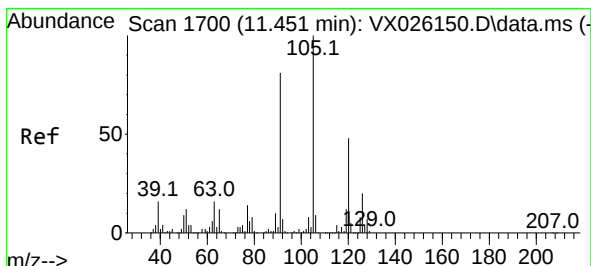
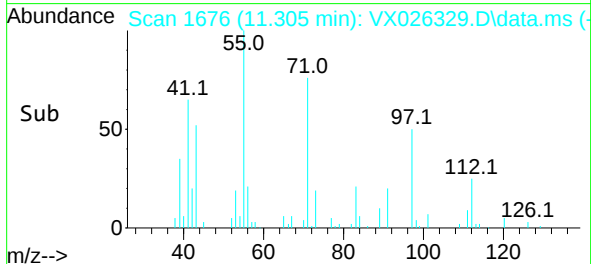
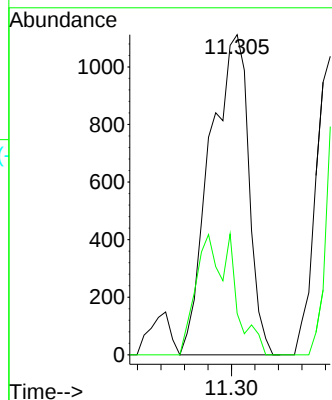
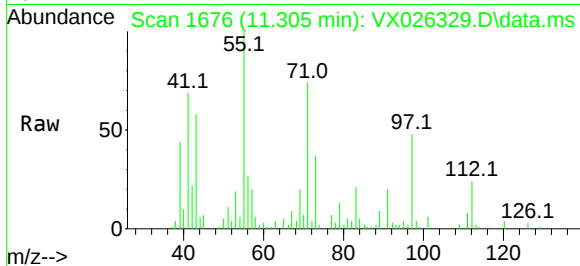




#79  
2-Chlorotoluene  
Concen: 0.465 ug/l  
RT: 11.305 min Scan# 11  
Delta R.T. -0.061 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

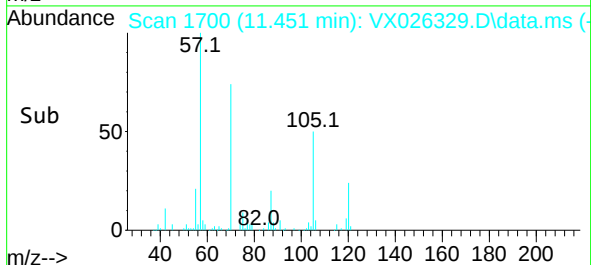
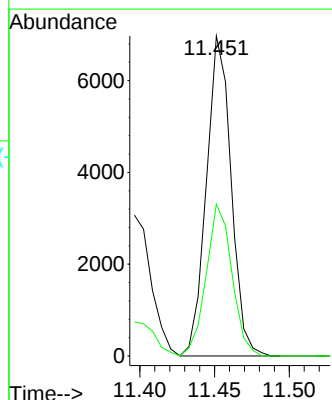
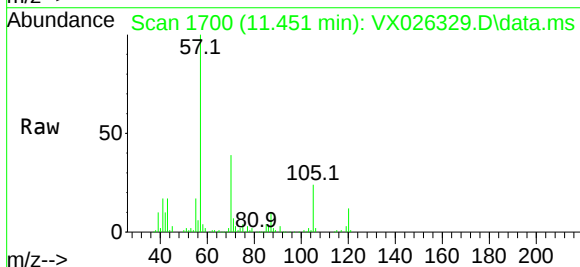
Instrument :  
MSVOA\_X  
ClientSampleId :

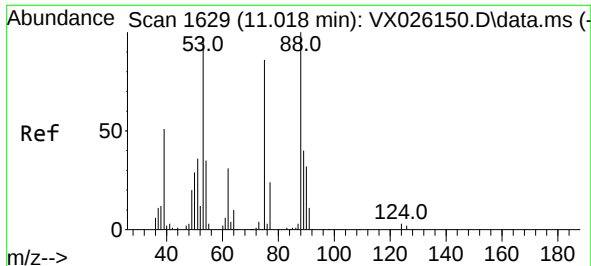
Tgt Ion: 91 Resp: 2542  
Ion Ratio Lower Upper  
91 100  
126 35.5 17.8 53.3



#80  
1,3,5-Trimethylbenzene  
Concen: 1.251 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion: 105 Resp: 8017  
Ion Ratio Lower Upper  
105 100  
120 49.4 24.9 74.7

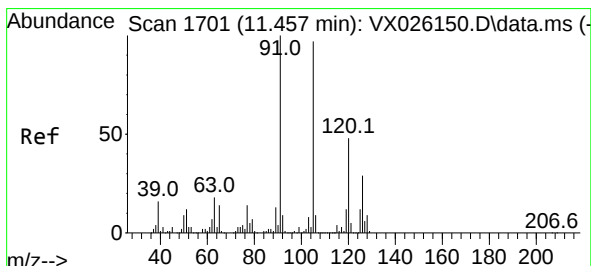
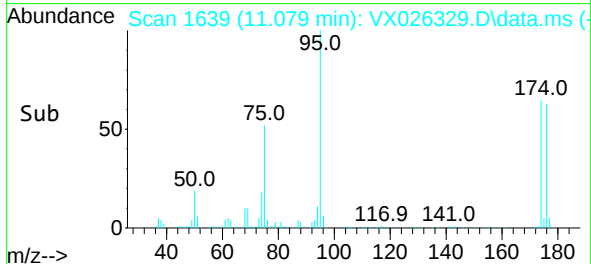
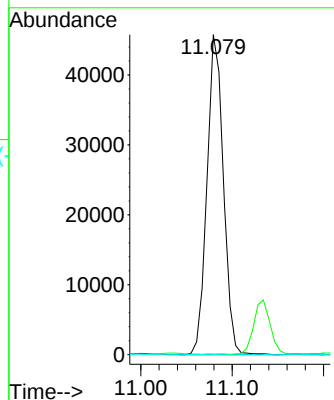
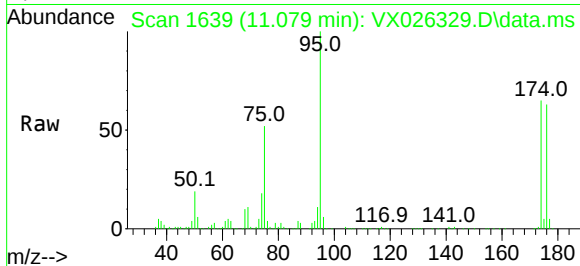




#81  
trans-1,4-Dichloro-2-butene  
Concen: 68.630 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

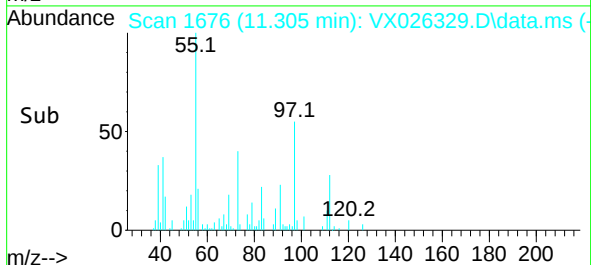
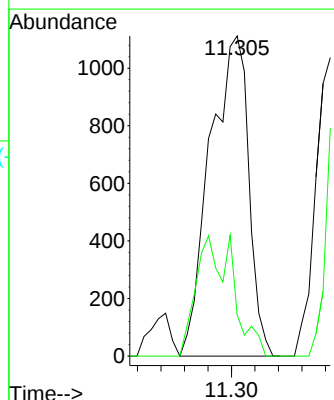
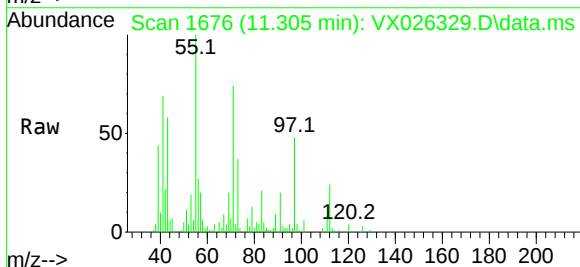
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ClientSampleId :

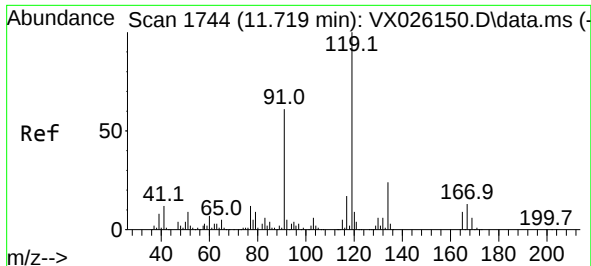
Tgt Ion: 75 Resp: 56894  
Ion Ratio Lower Upper  
75 100  
53 0.0 79.5 119.3#  
89 0.0 38.3 57.5#



#82  
4-Chlorotoluene  
Concen: 0.412 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.152 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion: 91 Resp: 2542  
Ion Ratio Lower Upper  
91 100  
126 35.5 15.6 46.7

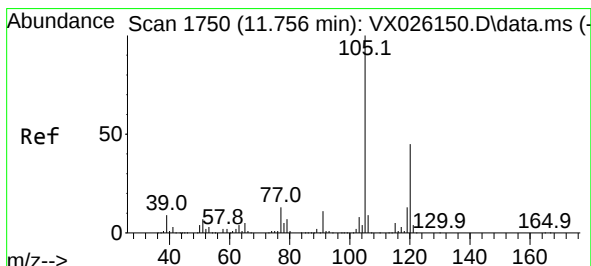
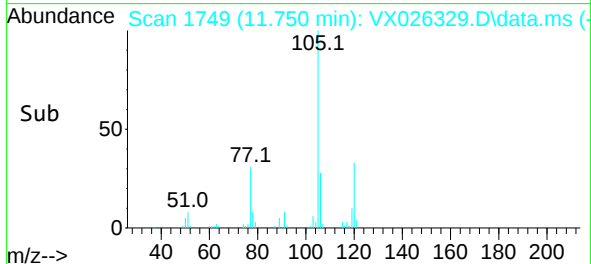
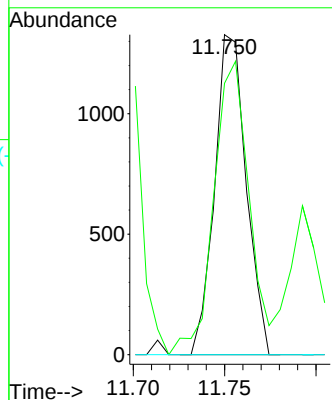
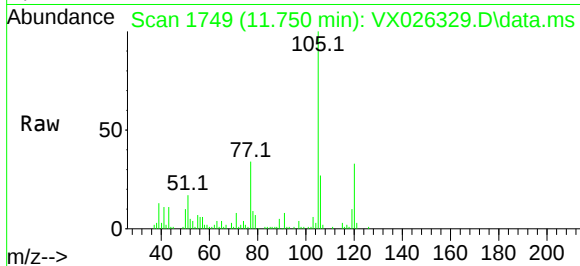




#83  
tert-Butylbenzene  
Concen: 0.257 ug/l  
RT: 11.750 min Scan# 11  
Delta R.T. 0.031 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

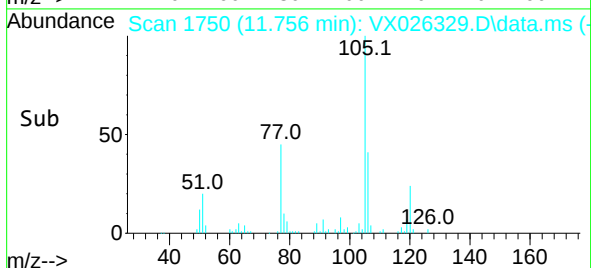
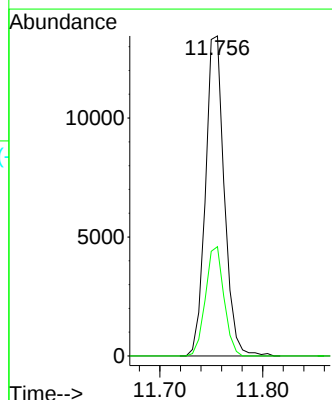
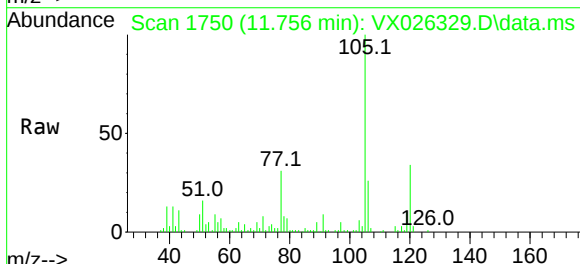
Instrument :  
MSVOA\_X  
ClientSampleId :

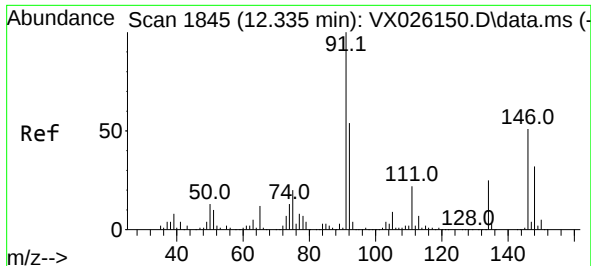
Tgt Ion:119 Resp: 1597  
Ion Ratio Lower Upper  
119 100  
91 102.2 28.7 86.1#  
134 0.0 11.9 35.9#



#84  
1,2,4-Trimethylbenzene  
Concen: 2.675 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion:105 Resp: 17132  
Ion Ratio Lower Upper  
105 100  
120 33.5 22.9 68.7





#89

n-Butylbenzene

Concen: 0.337 ug/l

RT: 12.311 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

Instrument :

MSVOA\_X

ClientSampleId :

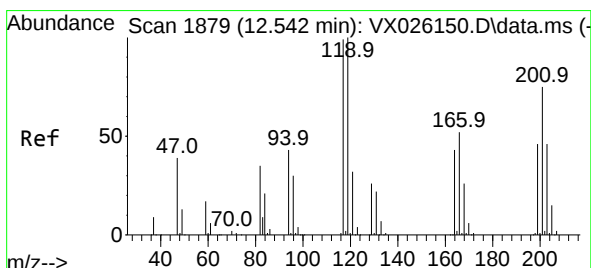
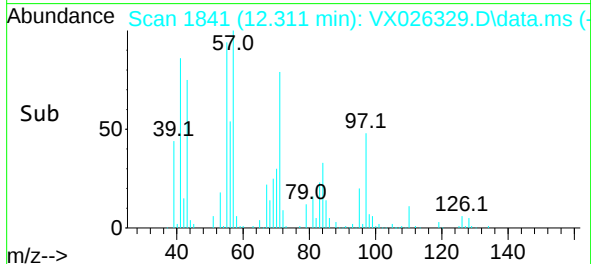
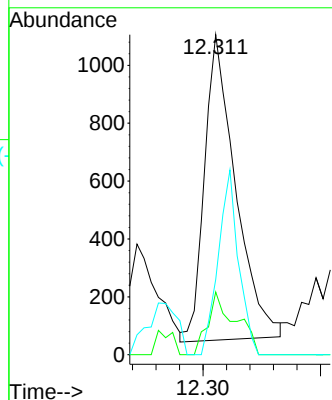
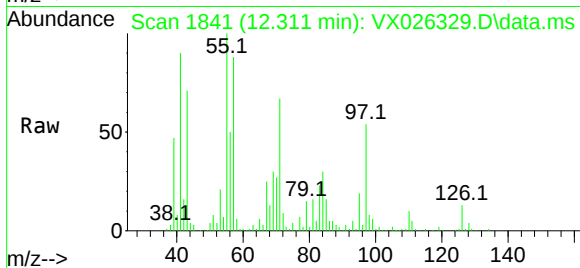
Tgt Ion: 91 Resp: 1938

Ion Ratio Lower Upper

91 100

92 18.2 27.3 81.8#

134 39.6 13.5 40.4



#90

Hexachloroethane

Concen: 0.217 ug/l

RT: 12.555 min Scan# 1881

Delta R.T. 0.013 min

Lab File: VX026329.D

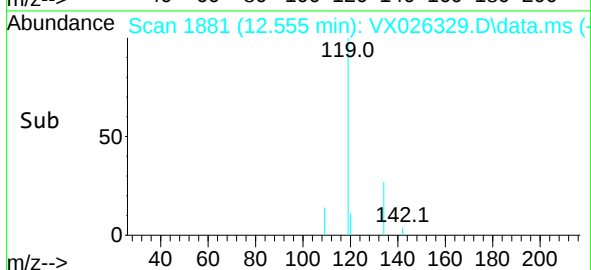
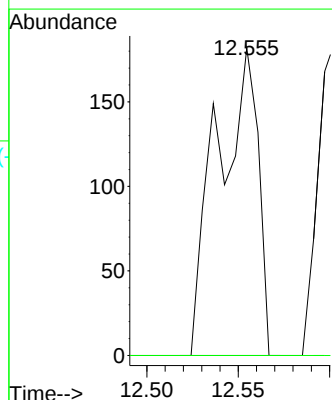
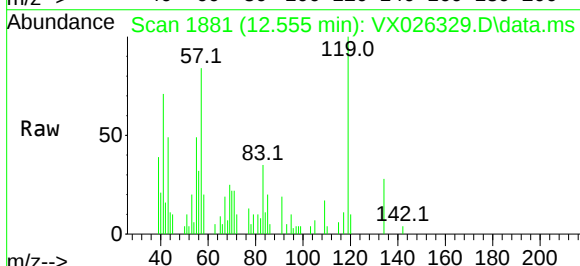
Acq: 05 Jan 2022 17:56

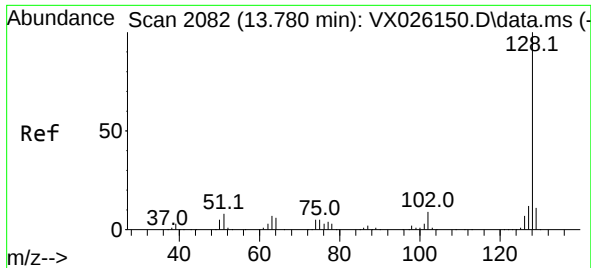
Tgt Ion: 117 Resp: 281

Ion Ratio Lower Upper

117 100

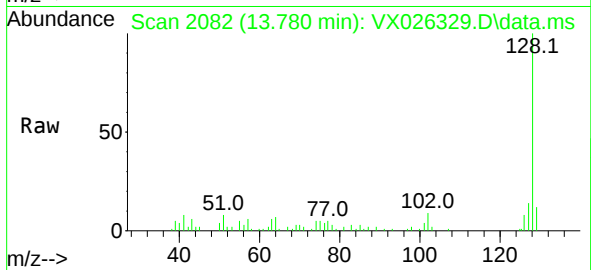
201 0.0 35.4 106.3#





#95  
 Naphthalene  
 Concen: 1.214 ug/l  
 RT: 13.780 min Scan# 2082  
 Delta R.T. 0.000 min  
 Lab File: VX026329.D  
 Acq: 05 Jan 2022 17:56

Instrument :  
 MSVOA\_X  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 9326  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 14.5  | 10.3  | 15.5  |
| 129      | 11.9  | 8.8   | 13.2  |

