

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071624\  
 Data File : VX042336.D  
 Acq On : 16 Jul 2024 12:14  
 Operator : JC/MD  
 Sample : VX0716MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jul 17 05:33:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 21 23:51:58 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.549  | 168   | 152679   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 213774   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 195919   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 112004   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 84125    | 47.782   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =     | 95.560%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 81895    | 53.991   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =     | 107.980% |
| 50) Toluene-d8               | 8.646  | 98    | 268445   | 50.377   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =     | 100.760% |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 108896   | 55.437   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =     | 110.880% |
| Target Compounds             |        |       |          |          |       |          |
|                              |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 21986    | 18.902   | ug/l  | 96       |
| 3) Chloromethane             | 1.306  | 50    | 22903    | 15.695   | ug/l  | 89       |
| 4) Vinyl Chloride            | 1.373  | 62    | 22752    | 15.554   | ug/l  | 98       |
| 5) Bromomethane              | 1.599  | 94    | 13352    | 18.485   | ug/l  | 93       |
| 6) Chloroethane              | 1.666  | 64    | 12191    | 18.082   | ug/l  | 98       |
| 7) Trichlorofluoromethane    | 1.873  | 101   | 37291    | 19.458   | ug/l  | 96       |
| 8) Diethyl Ether             | 2.135  | 74    | 14474    | 16.089   | ug/l  | 85       |
| 9) 1,1,2-Trichlorotrifluo... | 2.318  | 101   | 22668    | 17.171   | ug/l  | # 85     |
| 10) Methyl Iodide            | 2.440  | 142   | 24807    | 15.118   | ug/l  | # 86     |
| 11) Tert butyl alcohol       | 2.995  | 59    | 30126    | 90.163   | ug/l  | # 91     |
| 12) 1,1-Dichloroethene       | 2.312  | 96    | 21433    | 16.276   | ug/l  | # 78     |
| 13) Acrolein                 | 2.239  | 56    | 22855    | 61.021   | ug/l  | 100      |
| 14) Allyl chloride           | 2.660  | 41    | 34258    | 16.403   | ug/l  | # 87     |
| 15) Acrylonitrile            | 3.074  | 53    | 79252    | 90.808   | ug/l  | 98       |
| 16) Acetone                  | 2.391  | 43    | 74361    | 96.189   | ug/l  | # 85     |
| 17) Carbon Disulfide         | 2.501  | 76    | 44844    | 16.701   | ug/l  | 98       |
| 18) Methyl Acetate           | 2.708  | 43    | 38230    | 18.128   | ug/l  | 94       |
| 19) Methyl tert-butyl Ether  | 3.123  | 73    | 79483    | 18.270   | ug/l  | 99       |
| 20) Methylene Chloride       | 2.788  | 84    | 28431    | 16.796   | ug/l  | 86       |
| 21) trans-1,2-Dichloroethene | 3.086  | 96    | 23882    | 17.869   | ug/l  | 86       |
| 22) Diisopropyl ether        | 3.769  | 45    | 77029    | 17.449   | ug/l  | 86       |
| 23) Vinyl Acetate            | 3.727  | 43    | 332082   | 88.084   | ug/l  | # 94     |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 43862    | 17.742   | ug/l  | 97       |
| 25) 2-Butanone               | 4.574  | 43    | 111933   | 93.067   | ug/l  | 93       |
| 26) 2,2-Dichloropropane      | 4.470  | 77    | 35578    | 19.873   | ug/l  | 94       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 30231    | 18.060   | ug/l  | 86       |
| 28) Bromochloromethane       | 4.897  | 49    | 19183    | 18.117   | ug/l  | # 69     |
| 29) Tetrahydrofuran          | 5.019  | 42    | 69027    | 88.866   | ug/l  | 91       |
| 30) Chloroform               | 5.092  | 83    | 46904    | 18.211   | ug/l  | 97       |
| 31) Cyclohexane              | 5.464  | 56    | 34503    | 16.757   | ug/l  | 92       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 40302    | 18.727   | ug/l  | 96       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 30089    | 18.680   | ug/l  | 95       |
| 37) Ethyl Acetate            | 4.726  | 43    | 40803    | 19.446   | ug/l  | 98       |
| 38) Carbon Tetrachloride     | 5.671  | 117   | 34130    | 19.178   | ug/l  | 95       |
| 39) Methylcyclohexane        | 7.378  | 83    | 38259    | 18.781   | ug/l  | 90       |
| 40) Benzene                  | 6.037  | 78    | 100744   | 18.545   | ug/l  | 99       |

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 Sample : VX0716MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jul 17 05:33:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 21 23:51:58 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 21446    | 18.855  | ug/l   | 90       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 32686    | 18.679  | ug/l   | 92       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 58011    | 18.012  | ug/l # | 93       |
| 44) Trichloroethene           | 7.128  | 130  | 27634    | 18.977  | ug/l   | 85       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 24774    | 18.547  | ug/l   | 99       |
| 46) Dibromomethane            | 7.586  | 93   | 18526    | 19.035  | ug/l # | 75       |
| 47) Bromodichloromethane      | 7.823  | 83   | 33343    | 18.660  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.701  | 41   | 27638    | 17.981  | ug/l # | 84       |
| 49) 1,4-Dioxane               | 7.671  | 88   | 9741     | 254.668 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 8.579  | 43   | 209583   | 94.469  | ug/l   | 95       |
| 52) Toluene                   | 8.720  | 92   | 66259    | 19.154  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 33171    | 18.415  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 37146    | 18.988  | ug/l # | 85       |
| 55) 1,1,2-Trichloroethane     | 9.152  | 97   | 27968    | 19.407  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 41353    | 18.445  | ug/l # | 87       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 43565    | 18.711  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 107161   | 102.570 | ug/l   | 90       |
| 59) 2-Hexanone                | 9.433  | 43   | 164476   | 96.796  | ug/l   | 91       |
| 60) Dibromochloromethane      | 9.524  | 129  | 30071    | 19.210  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 28836    | 19.295  | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.274  | 164  | 28340    | 19.867  | ug/l   | 89       |
| 65) Chlorobenzene             | 10.079 | 112  | 78427    | 19.248  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.164 | 131  | 27360    | 19.179  | ug/l   | 97       |
| 67) Ethyl Benzene             | 10.195 | 91   | 122319   | 19.155  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.305 | 106  | 98251    | 38.116  | ug/l   | 92       |
| 69) o-Xylene                  | 10.640 | 106  | 49238    | 19.294  | ug/l   | 92       |
| 70) Styrene                   | 10.658 | 104  | 83723    | 19.564  | ug/l   | 93       |
| 71) Bromoform                 | 10.798 | 173  | 24222    | 18.638  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 127020   | 18.651  | ug/l   | 96       |
| 74) N-amyl acetate            | 10.847 | 43   | 49925    | 16.504  | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 44211    | 17.459  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 45507    | 22.381  | ug/l   | 92       |
| 77) Bromobenzene              | 11.201 | 156  | 37175    | 18.328  | ug/l   | 77       |
| 78) n-propylbenzene           | 11.305 | 91   | 138258   | 18.710  | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 11.365 | 91   | 86977    | 18.269  | ug/l   | 91       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 108042   | 19.047  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 11870    | 16.579  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 98032    | 18.627  | ug/l   | 91       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 117110   | 18.815  | ug/l   | 88       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 108147   | 19.003  | ug/l   | 91       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 135596   | 19.261  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 117584   | 19.120  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 66083    | 18.536  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 67487    | 18.450  | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.335 | 91   | 89498    | 18.906  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.542 | 117  | 18544    | 17.711  | ug/l # | 55       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 67817    | 18.590  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.944 | 75   | 8875     | 17.686  | ug/l # | 44       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 44369    | 18.566  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 23940    | 19.811  | ug/l   | 98       |
| 95) Naphthalene               | 13.780 | 128  | 135297   | 17.344  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 47029    | 18.659  | ug/l   | 96       |

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Sample : VX0716MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 5 Sample Multiplier: 1

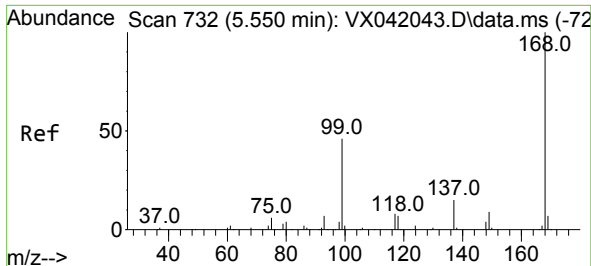
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Jul 17 05:33:40 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 21 23:51:58 2024  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

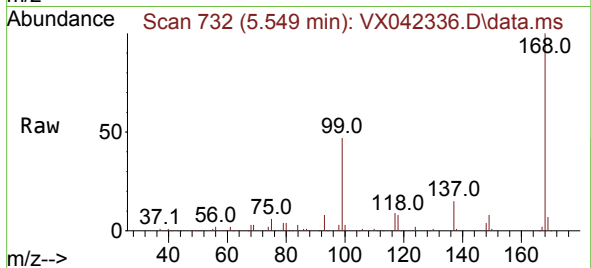
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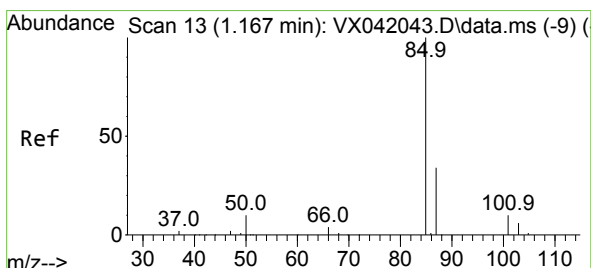
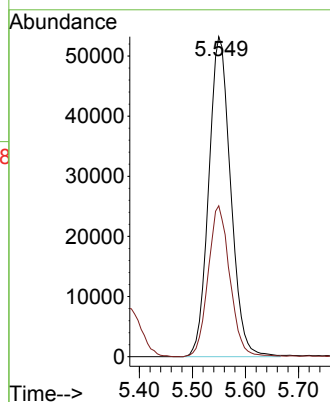
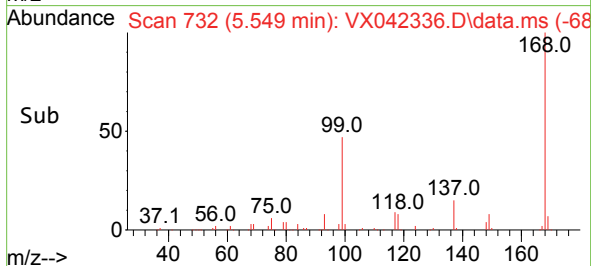


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.549 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Instrument :  
MSVOA\_X  
ClientSampleId :

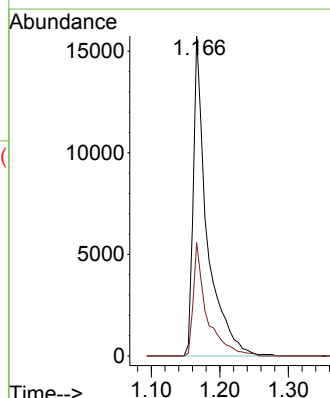
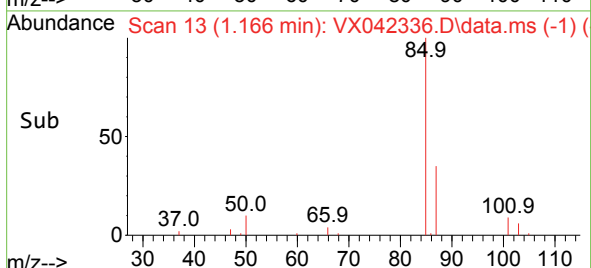
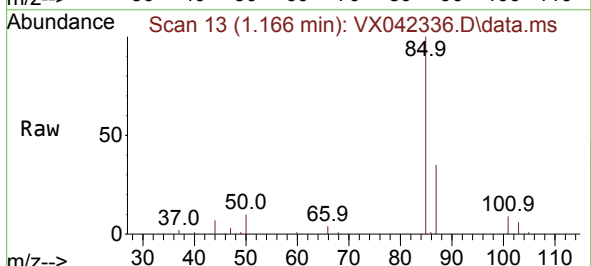


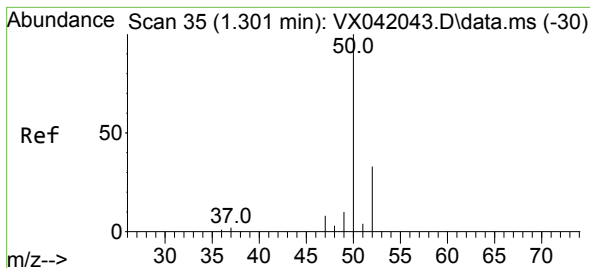
Tgt Ion:168 Resp: 152679  
Ion Ratio Lower Upper  
168 100  
99 47.2 56.6 85.0#



#2  
Dichlorodifluoromethane  
Concen: 18.902 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Tgt Ion: 85 Resp: 21986  
Ion Ratio Lower Upper  
85 100  
87 35.4 16.7 50.1





#3

Chloromethane

Concen: 15.695 ug/l

RT: 1.306 min Scan# 3

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

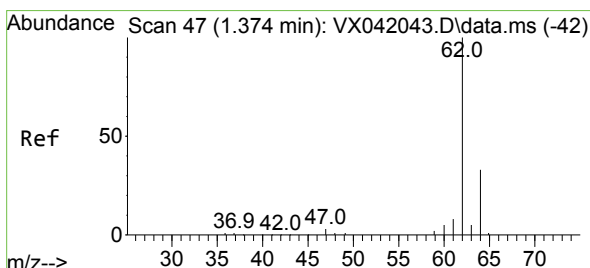
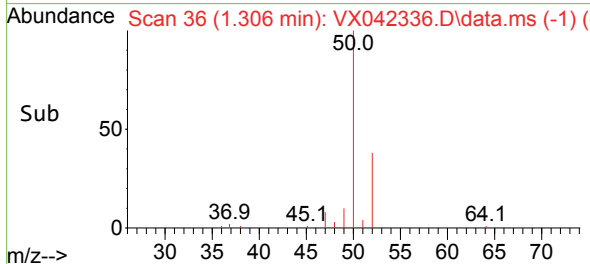
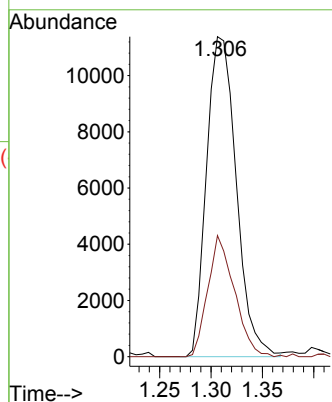
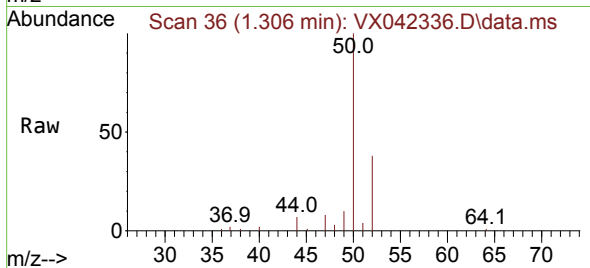
ClientSampleId :

Tgt Ion: 50 Resp: 22903

Ion Ratio Lower Upper

50 100

52 37.9 25.5 38.3



#4

Vinyl Chloride

Concen: 15.554 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX042336.D

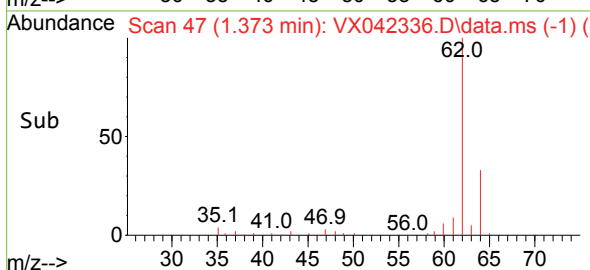
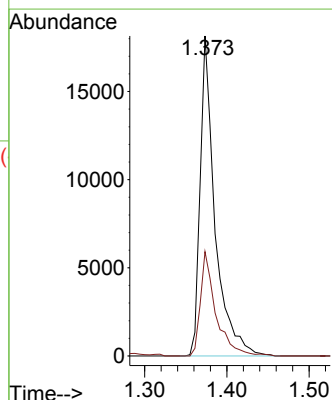
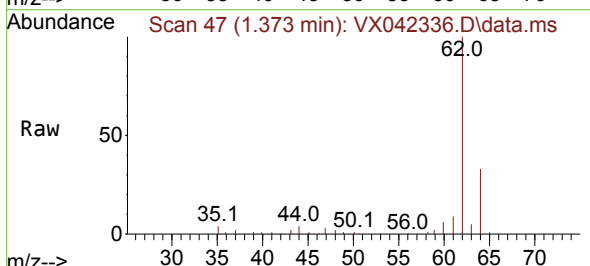
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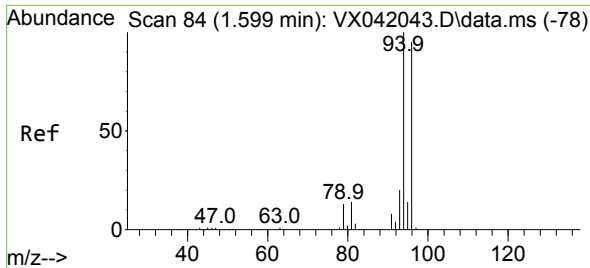
Tgt Ion: 62 Resp: 22752

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.0

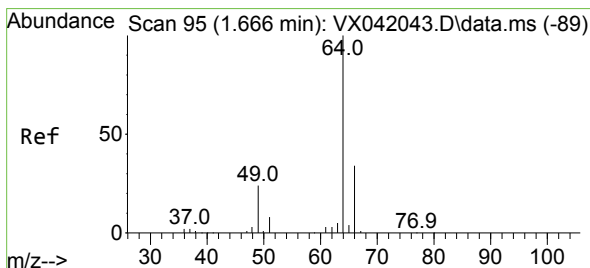
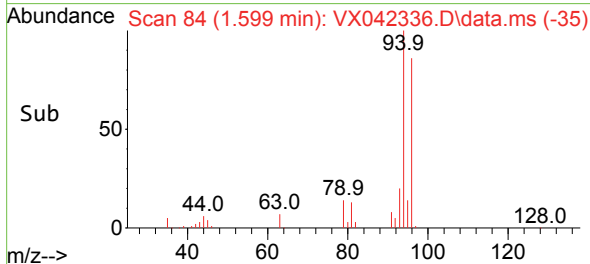
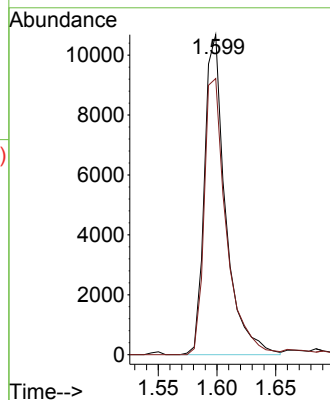
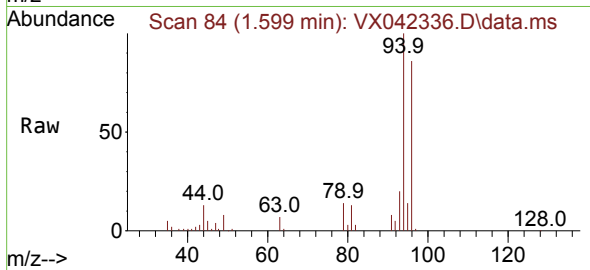




#5  
Bromomethane  
Concen: 18.485 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

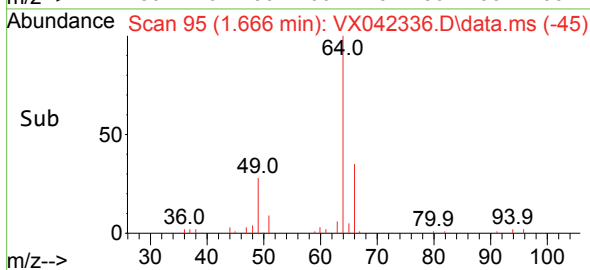
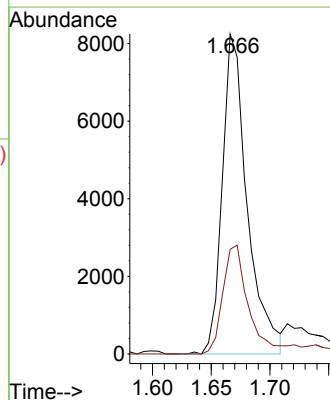
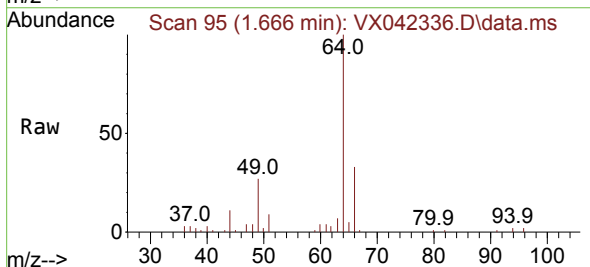
Instrument :  
MSVOA\_X  
ClientSampleId :

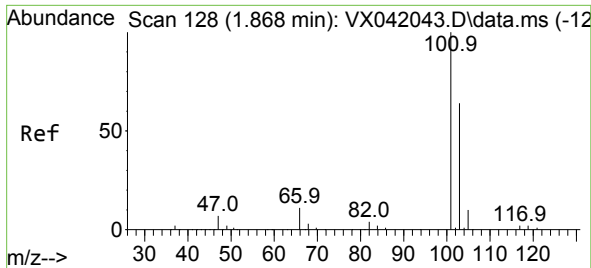
Tgt Ion: 94 Resp: 13352  
Ion Ratio Lower Upper  
94 100  
96 86.3 74.6 111.8



#6  
Chloroethane  
Concen: 18.082 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.006 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Tgt Ion: 64 Resp: 12191  
Ion Ratio Lower Upper  
64 100  
66 32.7 25.1 37.7

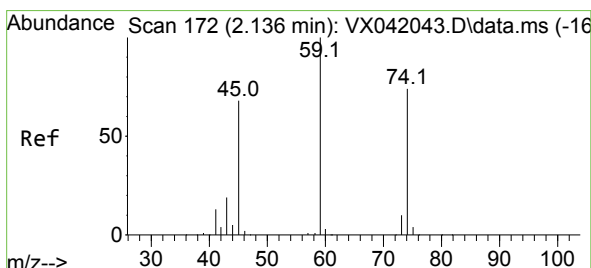
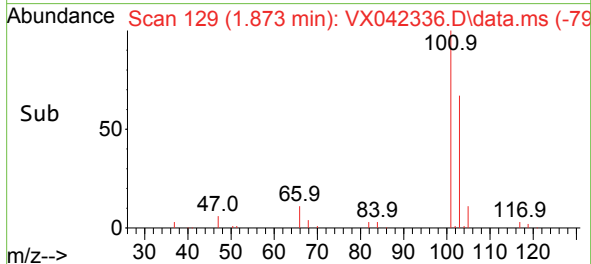
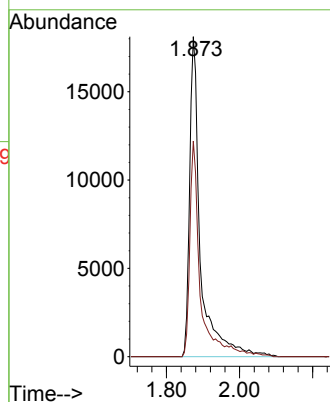
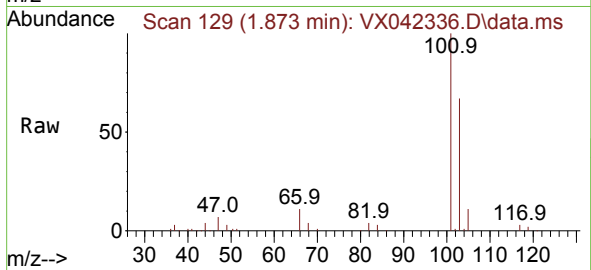




#7  
Trichlorofluoromethane  
Concen: 19.458 ug/l  
RT: 1.873 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

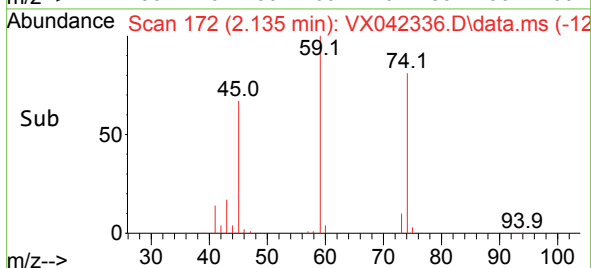
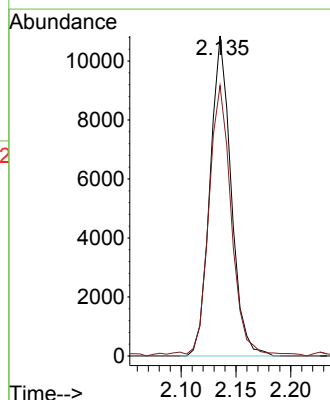
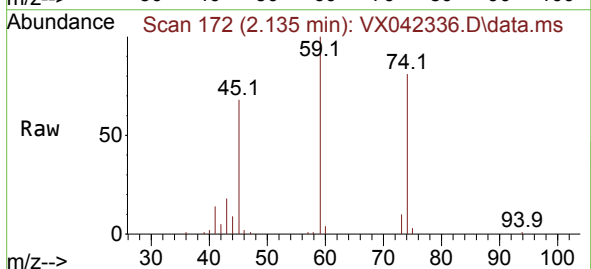
Instrument :  
MSVOA\_X  
ClientSampleId :

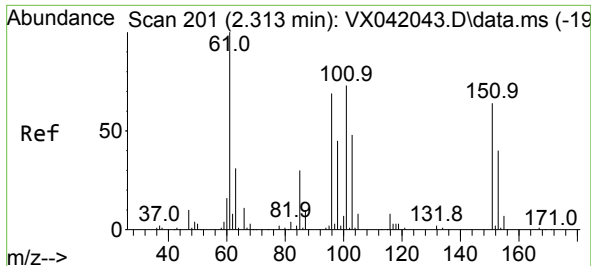
Tgt Ion:101 Resp: 37291  
Ion Ratio Lower Upper  
101 100  
103 67.4 51.4 77.2



#8  
Diethyl Ether  
Concen: 16.089 ug/l  
RT: 2.135 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Tgt Ion: 74 Resp: 14474  
Ion Ratio Lower Upper  
74 100  
45 91.4 53.3 159.8

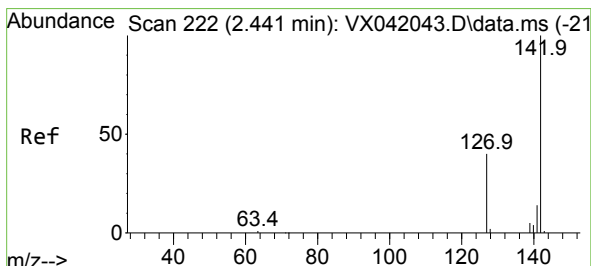
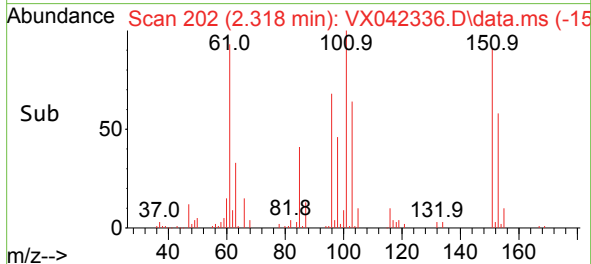
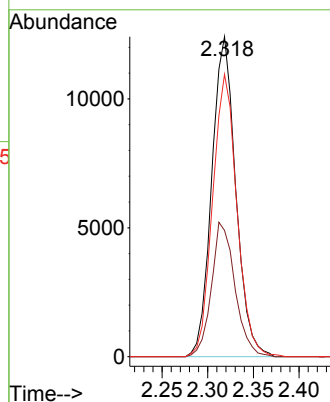
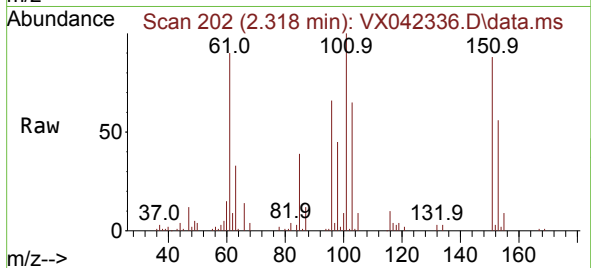




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.171 ug/l  
RT: 2.318 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

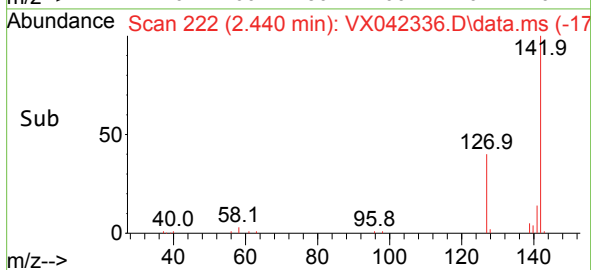
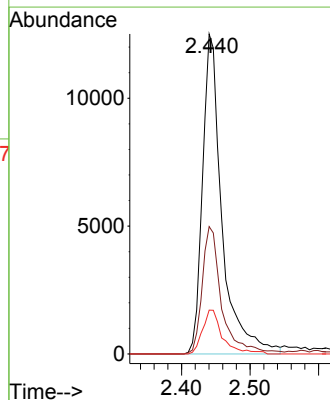
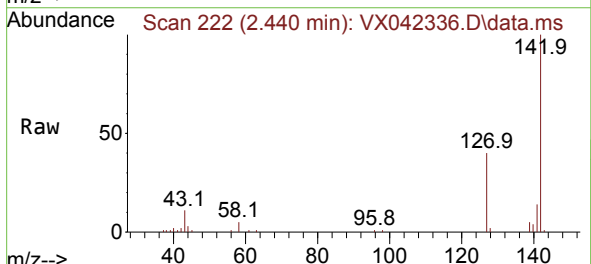
Instrument :  
MSVOA\_X  
ClientSampleId :

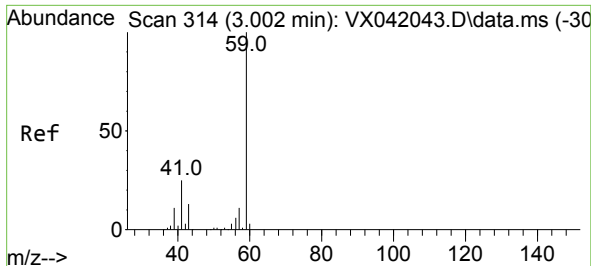
Tgt Ion:101 Resp: 22668  
Ion Ratio Lower Upper  
101 100  
85 41.1 37.0 55.6  
151 89.3 58.6 87.8#



#10  
Methyl Iodide  
Concen: 15.118 ug/l  
RT: 2.440 min Scan# 222  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Tgt Ion:142 Resp: 24807  
Ion Ratio Lower Upper  
142 100  
127 39.8 41.6 62.4#  
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 90.163 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.012 min

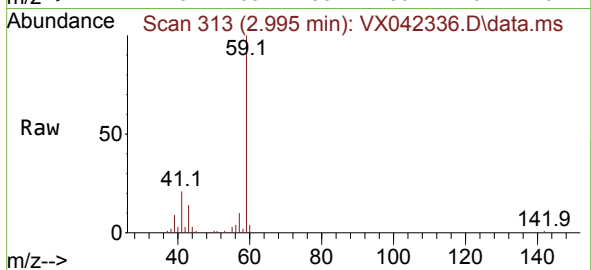
Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

ClientSampleId :

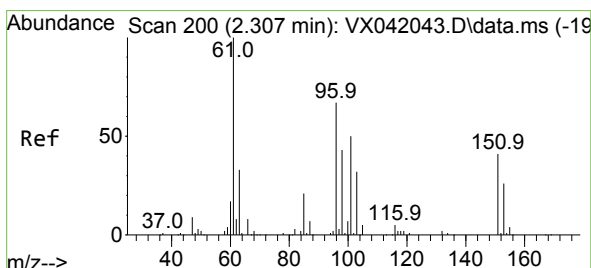
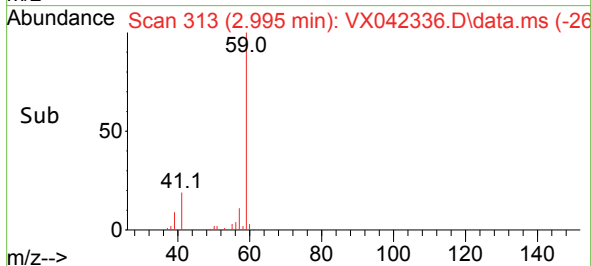
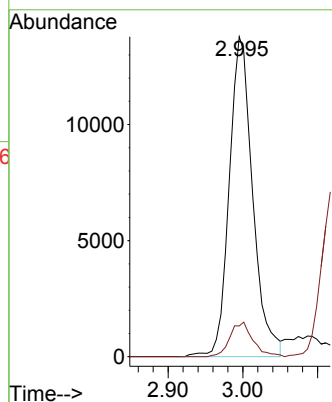


Tgt Ion: 59 Resp: 30126

Ion Ratio Lower Upper

59 100

57 10.6 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 16.276 ug/l

RT: 2.312 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

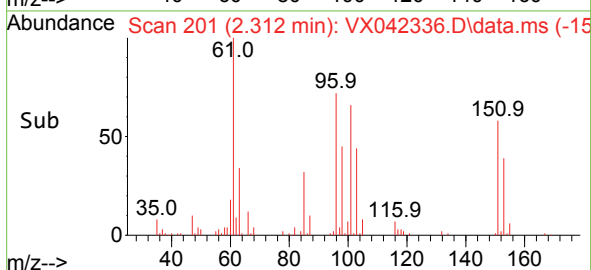
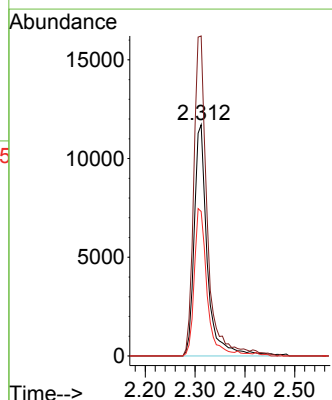
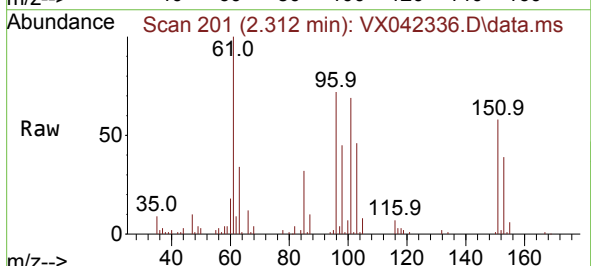
Tgt Ion: 96 Resp: 21433

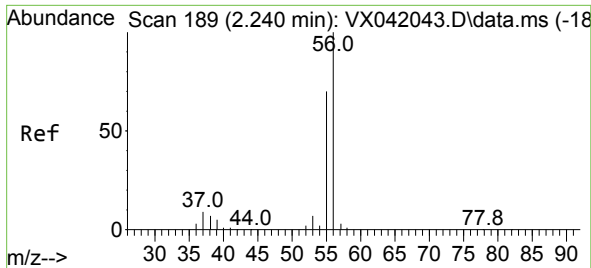
Ion Ratio Lower Upper

96 100

61 138.4 144.6 216.8#

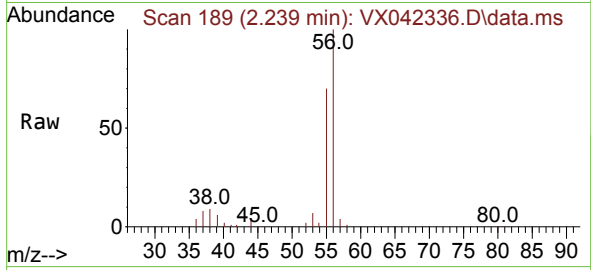
98 62.5 50.4 75.6



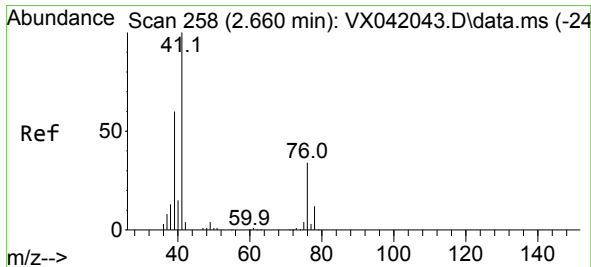
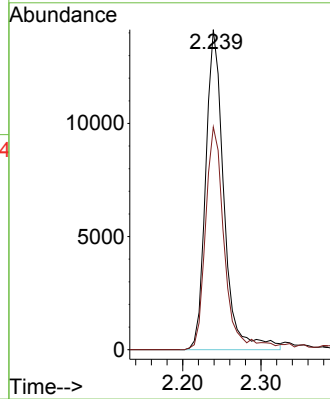
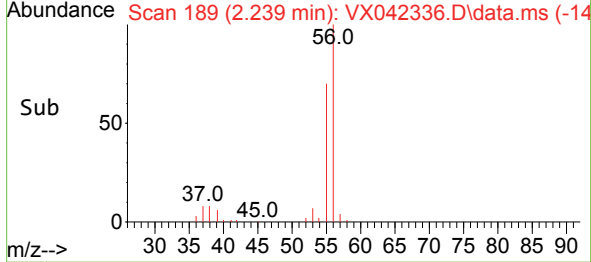


#13  
Acrolein  
Concen: 61.021 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Instrument :  
MSVOA\_X  
ClientSampleId :

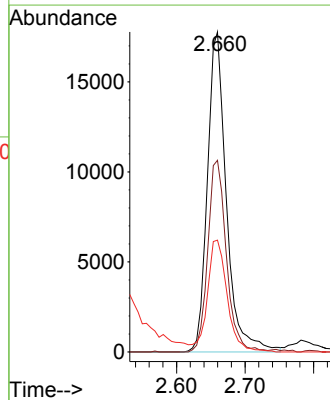
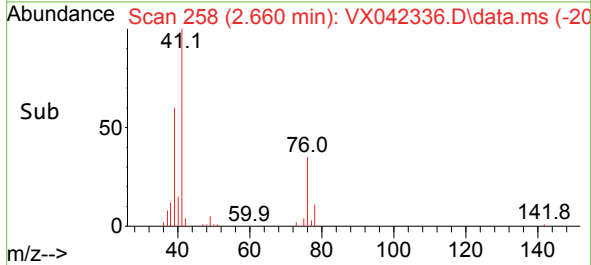
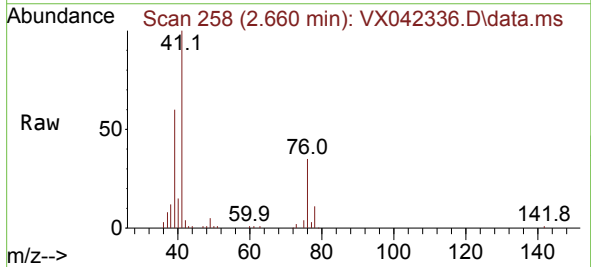


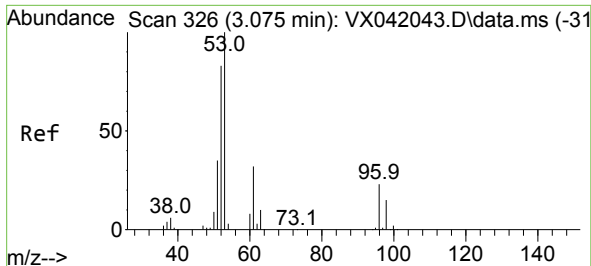
Tgt Ion: 56 Resp: 22855  
Ion Ratio Lower Upper  
56 100  
55 71.7 57.1 85.7



#14  
Allyl chloride  
Concen: 16.403 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

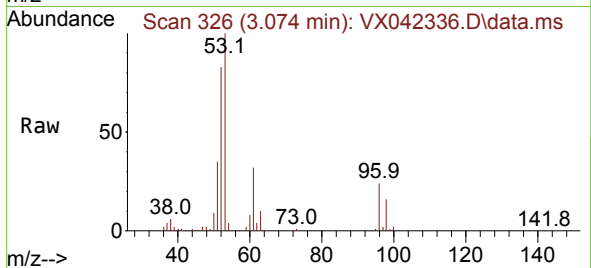
Tgt Ion: 41 Resp: 34258  
Ion Ratio Lower Upper  
41 100  
39 58.6 55.8 83.6  
76 36.6 24.3 36.5#



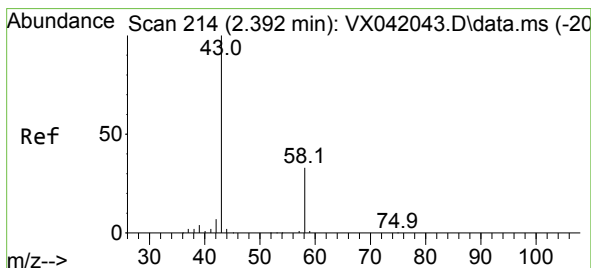
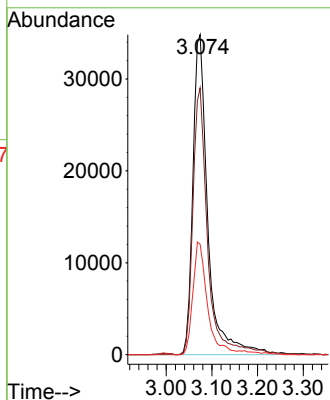
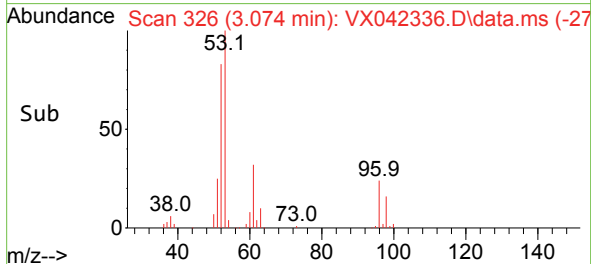


#15  
Acrylonitrile  
Concen: 90.808 ug/l  
RT: 3.074 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Instrument :  
MSVOA\_X  
ClientSampleId :

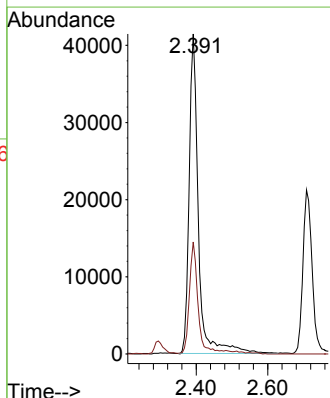
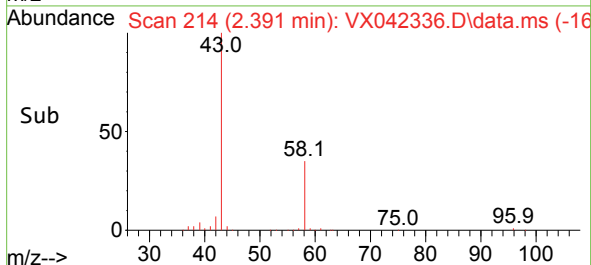
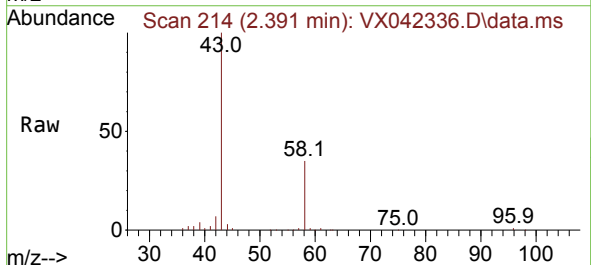


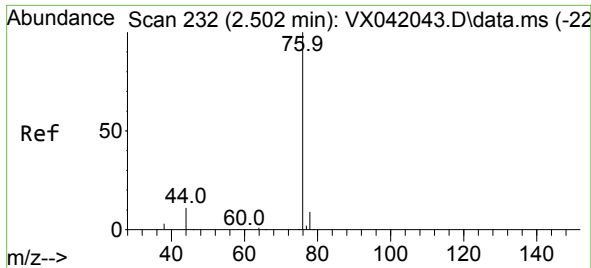
Tgt Ion: 53 Resp: 79252  
Ion Ratio Lower Upper  
53 100  
52 82.1 66.0 99.0  
51 34.1 29.8 44.6



#16  
Acetone  
Concen: 96.189 ug/l  
RT: 2.391 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Tgt Ion: 43 Resp: 74361  
Ion Ratio Lower Upper  
43 100  
58 35.1 21.9 32.9#





#17

Carbon Disulfide

Concen: 16.701 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

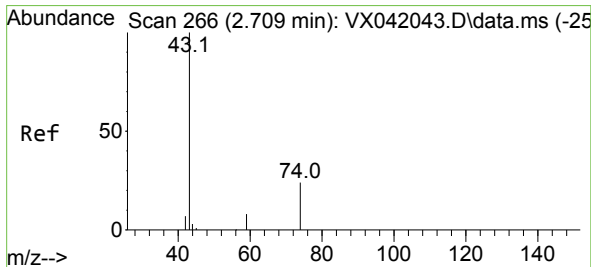
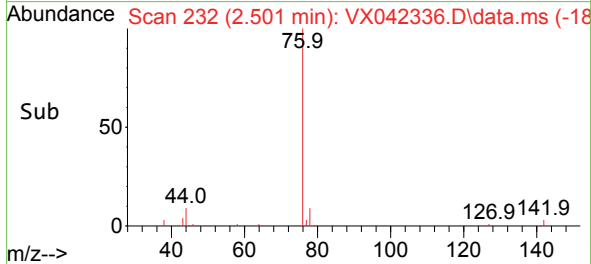
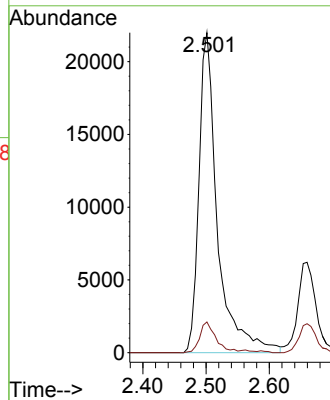
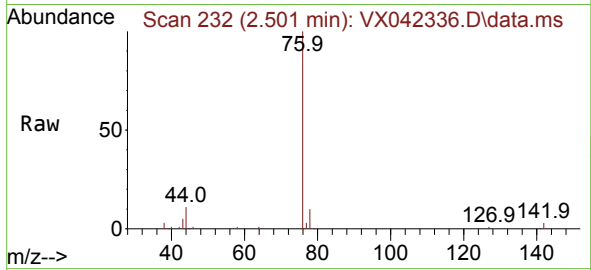
ClientSampleId :

Tgt Ion: 76 Resp: 44844

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6



#18

Methyl Acetate

Concen: 18.128 ug/l

RT: 2.708 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX042336.D

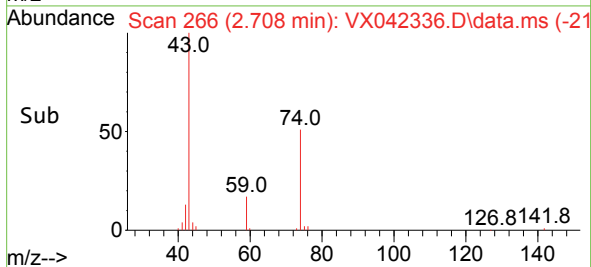
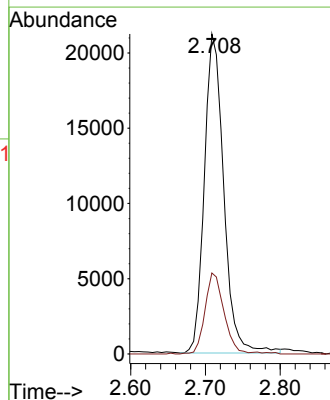
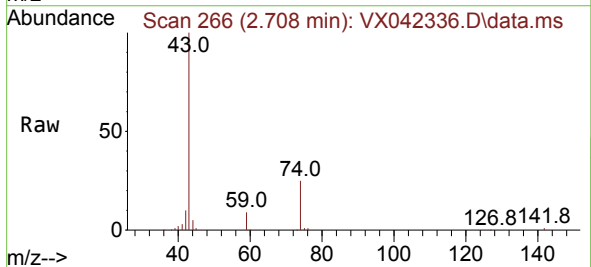
Acq: 16 Jul 2024 12:14

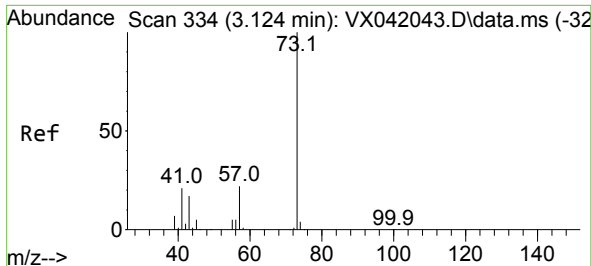
Tgt Ion: 43 Resp: 38230

Ion Ratio Lower Upper

43 100

74 25.2 17.8 26.8

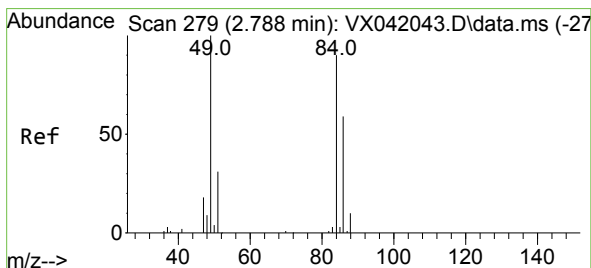
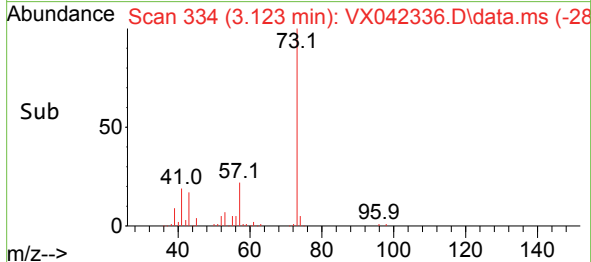
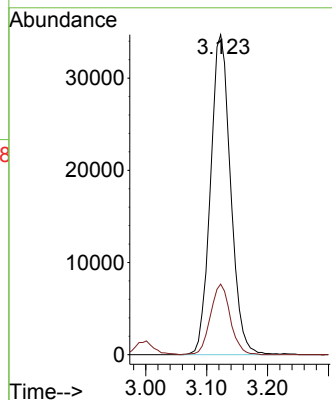
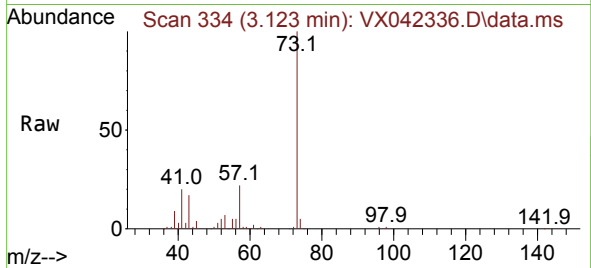




#19  
Methyl tert-butyl Ether  
Concen: 18.270 ug/l  
RT: 3.123 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

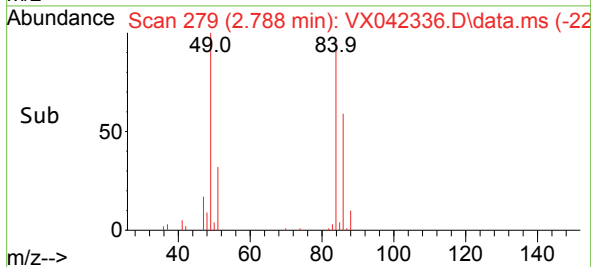
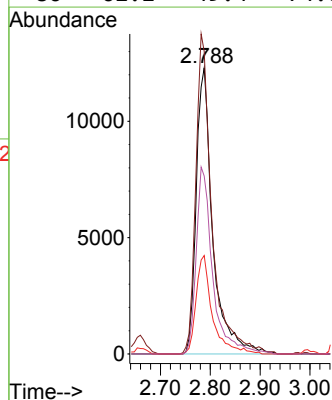
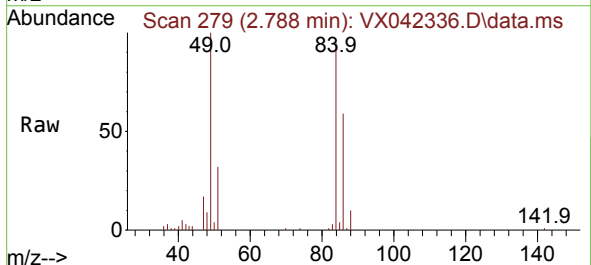
Instrument :  
MSVOA\_X  
ClientSampleId :

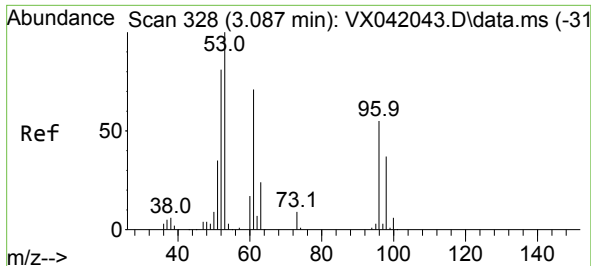
Tgt Ion: 73 Resp: 79483  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.3 25.9



#20  
Methylene Chloride  
Concen: 16.796 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.006 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

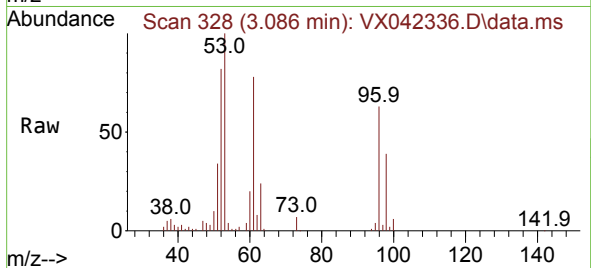
Tgt Ion: 84 Resp: 28431  
Ion Ratio Lower Upper  
84 100  
49 105.8 103.6 155.4  
51 34.4 33.8 50.6  
86 62.2 49.4 74.0



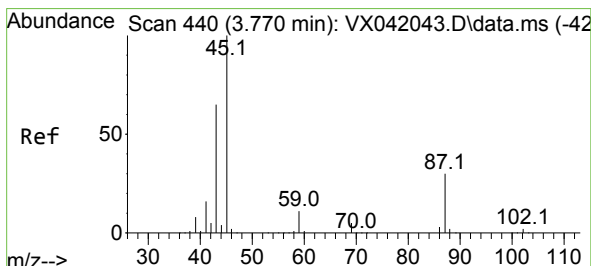
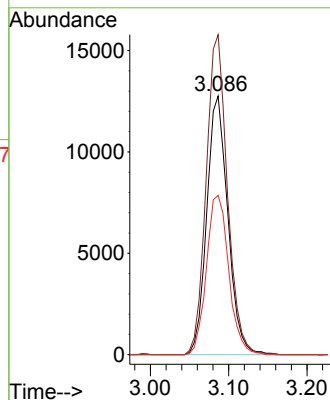
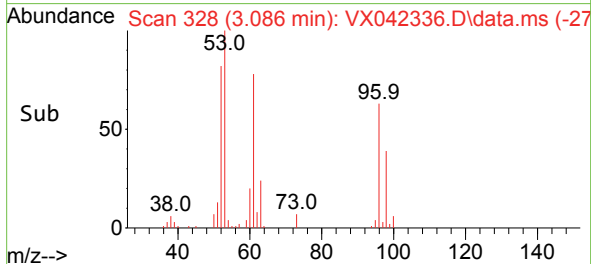


#21  
trans-1,2-Dichloroethene  
Concen: 17.869 ug/l  
RT: 3.086 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

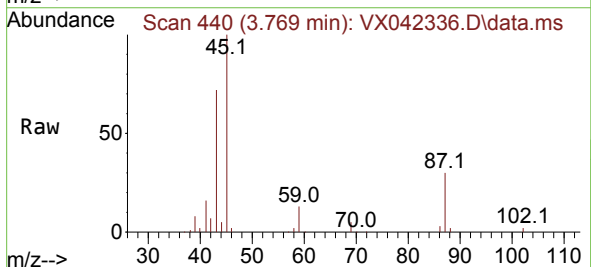
Instrument :  
MSVOA\_X  
ClientSampleId :



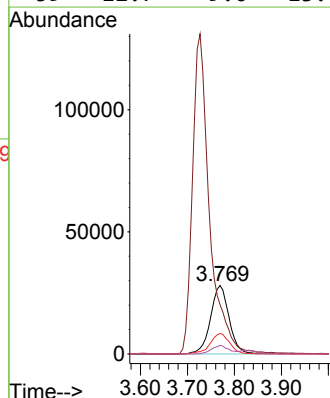
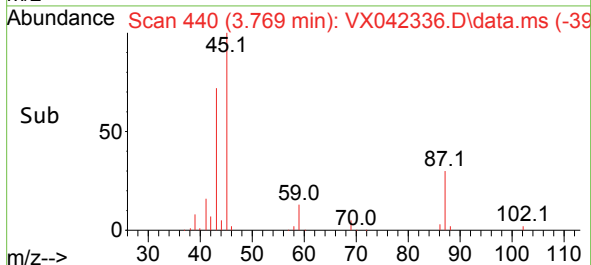
Tgt Ion: 96 Resp: 23882  
Ion Ratio Lower Upper  
96 100  
61 123.7 119.2 178.8  
98 61.6 48.7 73.1

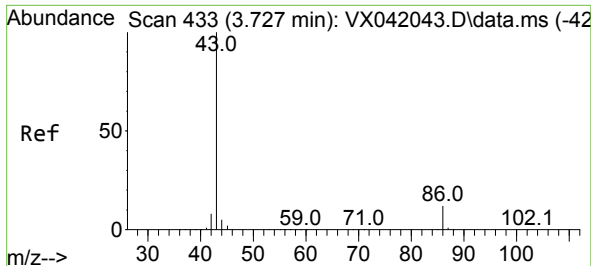


#22  
Diisopropyl ether  
Concen: 17.449 ug/l  
RT: 3.769 min Scan# 440  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14



Tgt Ion: 45 Resp: 77029  
Ion Ratio Lower Upper  
45 100  
43 71.0 69.7 104.5  
87 30.0 20.8 31.2  
59 12.7 9.0 13.4

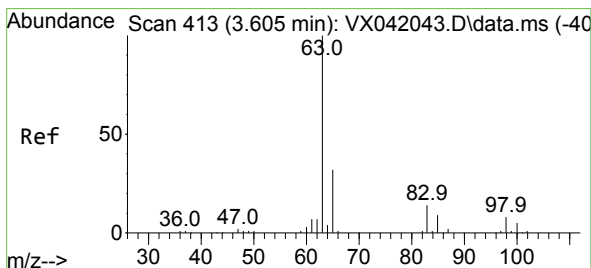
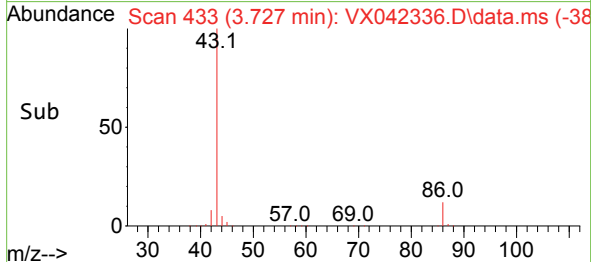
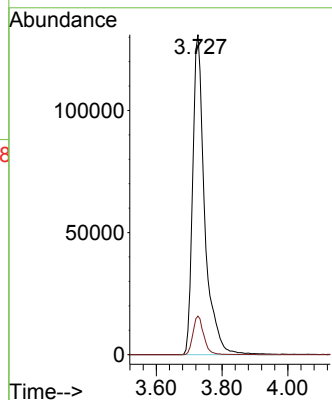
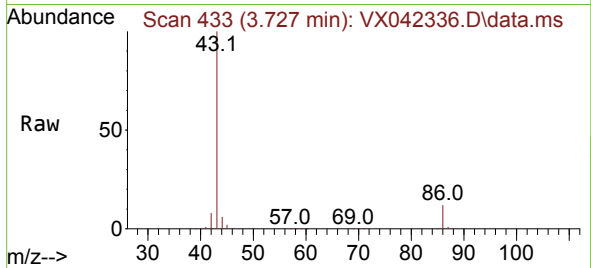




#23  
 Vinyl Acetate  
 Concen: 88.084 ug/l  
 RT: 3.727 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX042336.D  
 Acq: 16 Jul 2024 12:14

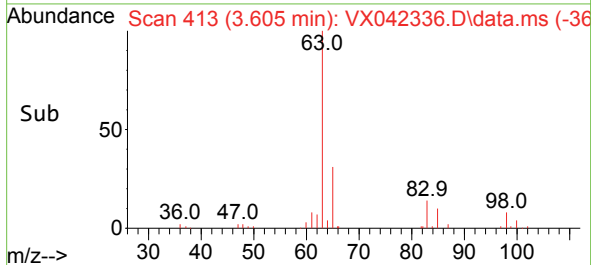
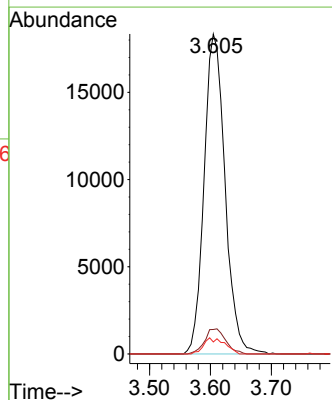
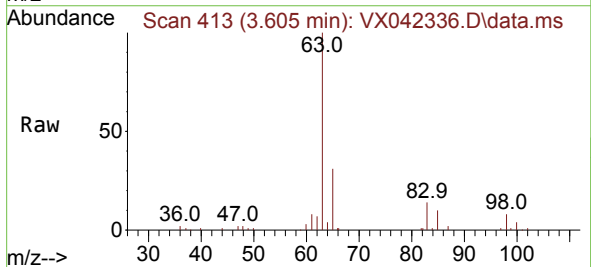
Instrument :  
 MSVOA\_X  
 ClientSampleId :

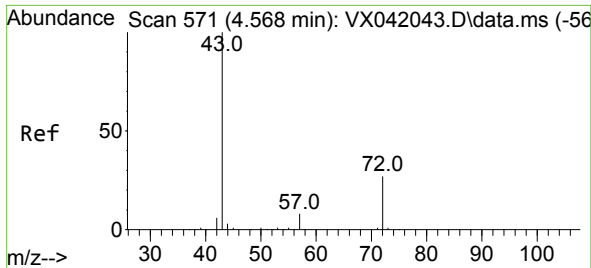
Tgt Ion: 43 Resp: 332082  
 Ion Ratio Lower Upper  
 43 100  
 86 12.0 7.8 11.8#



#24  
 1,1-Dichloroethane  
 Concen: 17.742 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX042336.D  
 Acq: 16 Jul 2024 12:14

Tgt Ion: 63 Resp: 43862  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.3 9.8  
 100 3.8 2.1 6.5

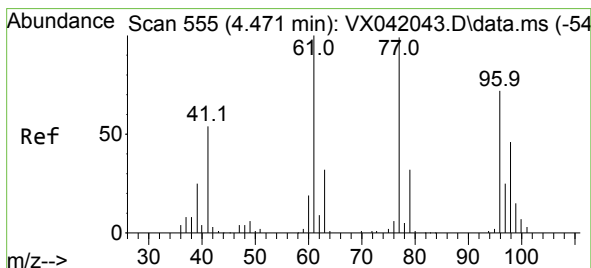
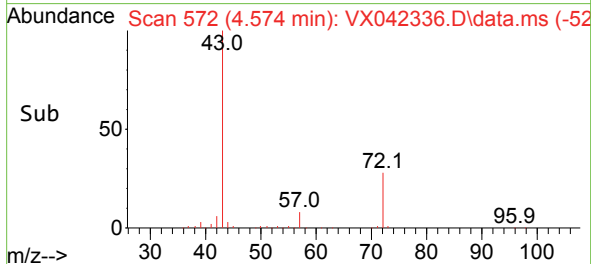
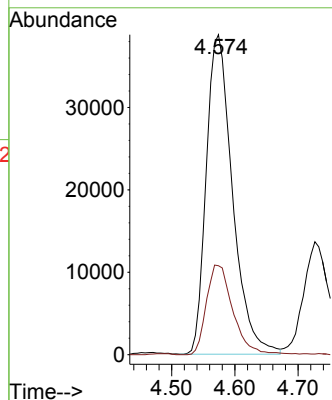
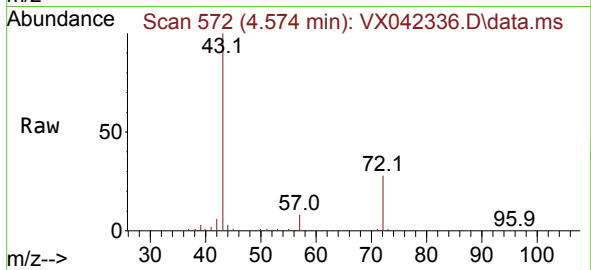




#25  
2-Butanone  
Concen: 93.067 ug/l  
RT: 4.574 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

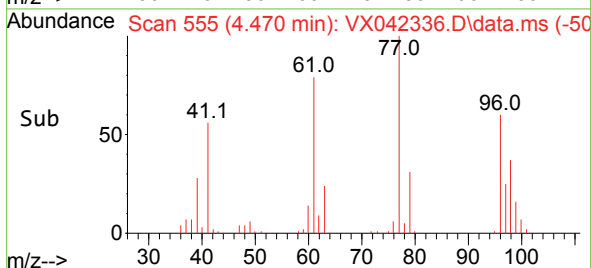
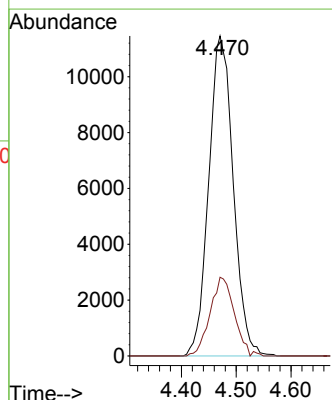
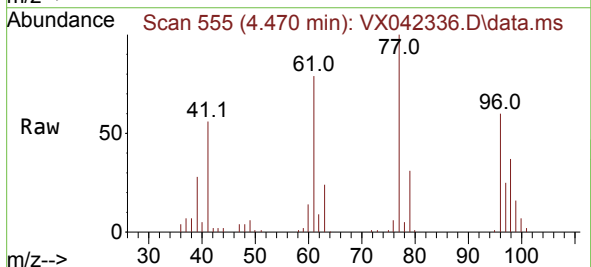
Instrument :  
MSVOA\_X  
ClientSampleId :

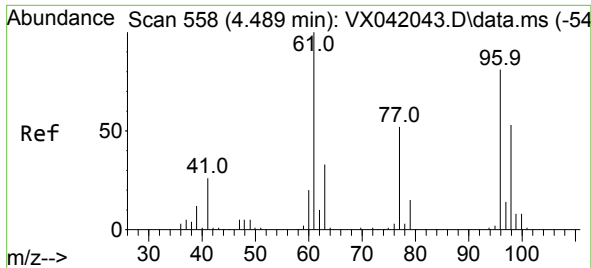
Tgt Ion: 43 Resp: 111933  
Ion Ratio Lower Upper  
43 100  
72 27.8 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 19.873 ug/l  
RT: 4.470 min Scan# 555  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

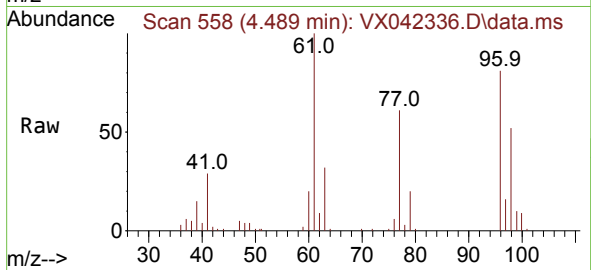
Tgt Ion: 77 Resp: 35578  
Ion Ratio Lower Upper  
77 100  
97 24.3 10.8 32.3



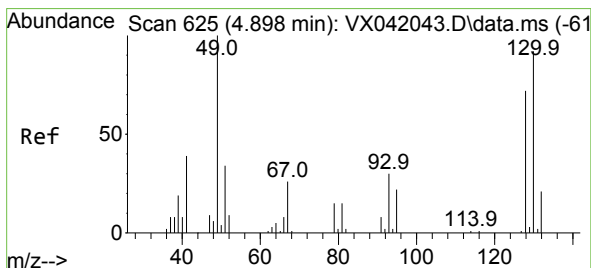
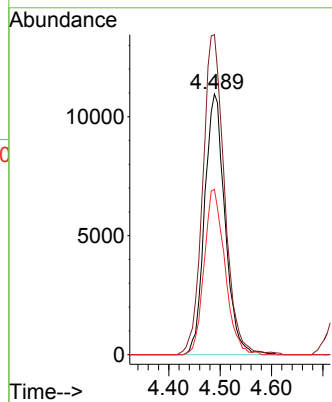
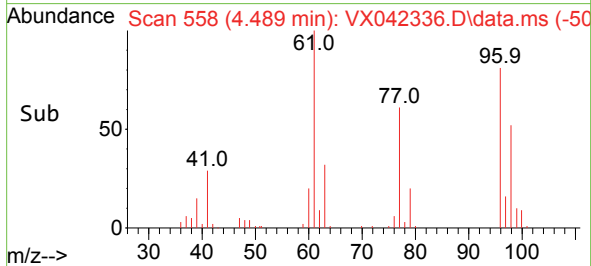


#27  
 cis-1,2-Dichloroethene  
 Concen: 18.060 ug/l  
 RT: 4.489 min Scan# 558  
 Delta R.T. -0.000 min  
 Lab File: VX042336.D  
 Acq: 16 Jul 2024 12:14

Instrument :  
 MSVOA\_X  
 ClientSampleId :

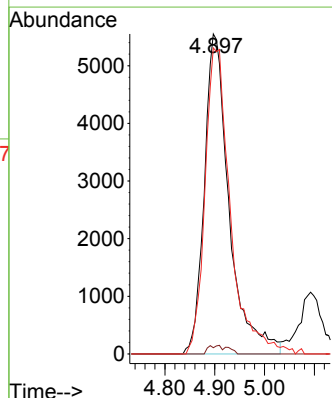
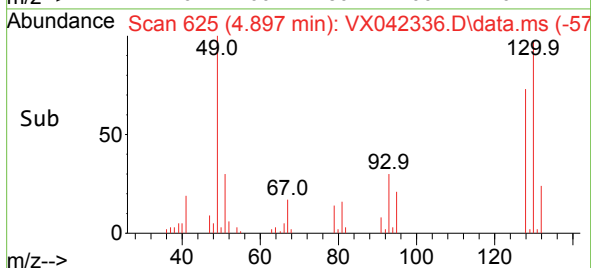
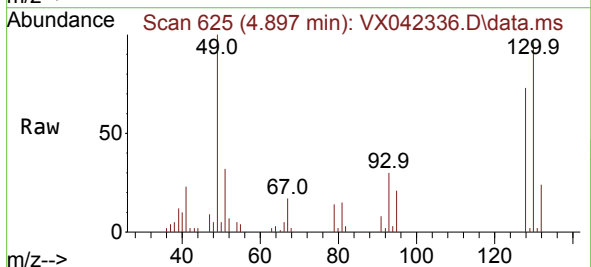


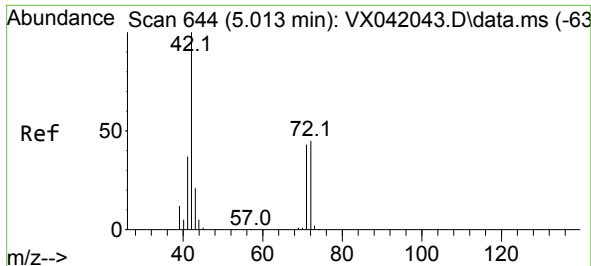
Tgt Ion: 96 Resp: 30231  
 Ion Ratio Lower Upper  
 96 100  
 61 130.4 0.0 312.2  
 98 64.4 0.0 129.0



#28  
 Bromochloromethane  
 Concen: 18.117 ug/l  
 RT: 4.897 min Scan# 625  
 Delta R.T. -0.006 min  
 Lab File: VX042336.D  
 Acq: 16 Jul 2024 12:14

Tgt Ion: 49 Resp: 19183  
 Ion Ratio Lower Upper  
 49 100  
 129 1.4 0.0 3.8  
 130 98.1 57.5 86.3#





#29

Tetrahydrofuran

Concen: 88.866 ug/l

RT: 5.019 min Scan# 644

Delta R.T. -0.000 min

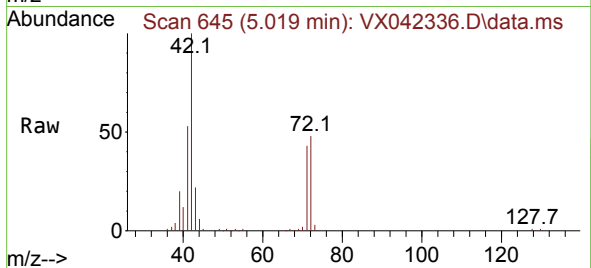
Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

ClientSampleId :



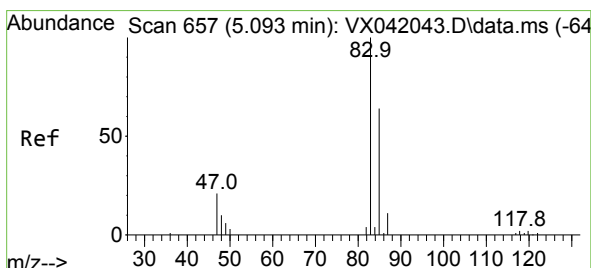
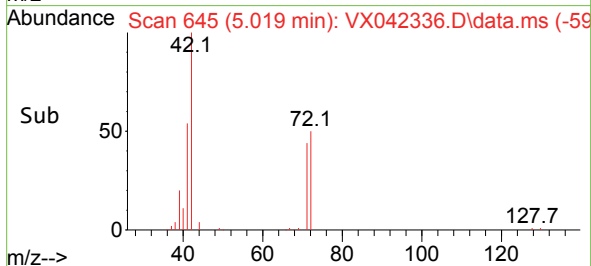
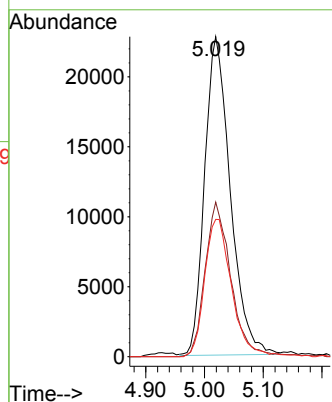
Tgt Ion: 42 Resp: 69027

Ion Ratio Lower Upper

42 100

72 48.2 34.2 51.4

71 45.6 32.2 48.2



#30

Chloroform

Concen: 18.211 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX042336.D

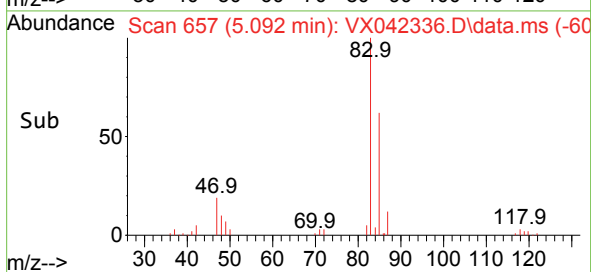
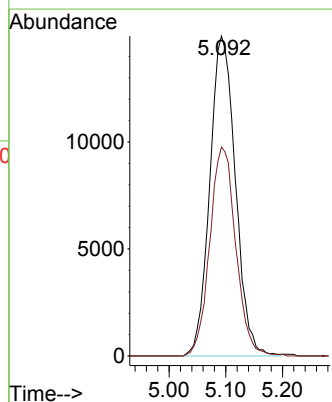
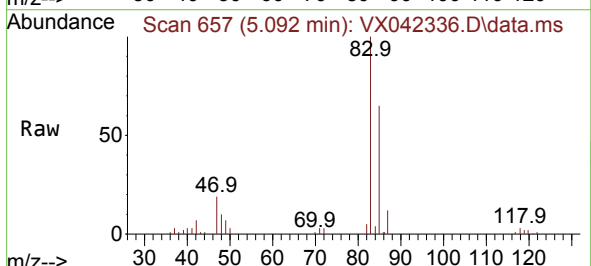
Acq: 16 Jul 2024 12:14

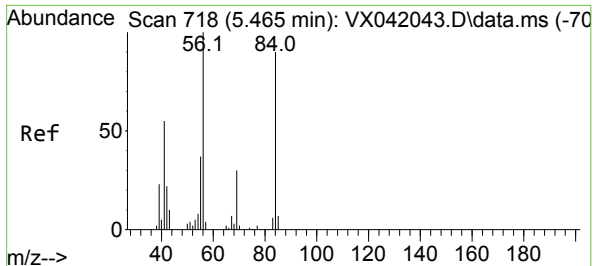
Tgt Ion: 83 Resp: 46904

Ion Ratio Lower Upper

83 100

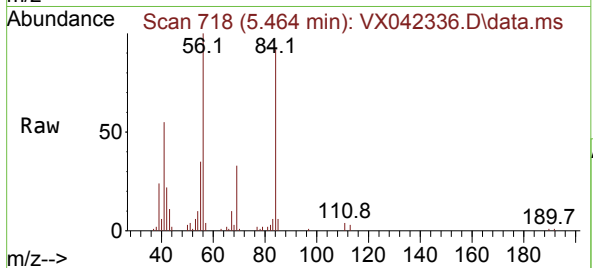
85 65.3 50.3 75.5



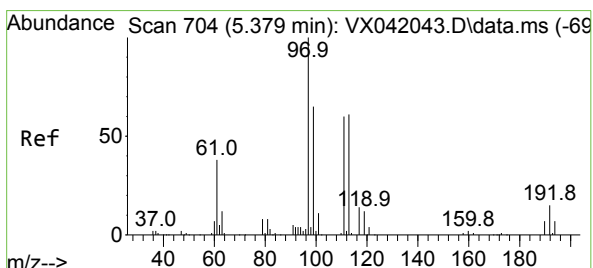
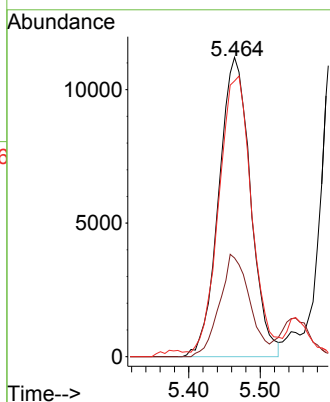
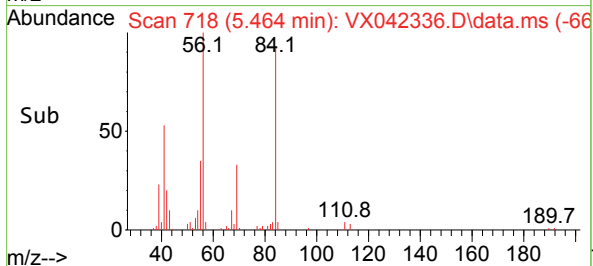


#31  
Cyclohexane  
Concen: 16.757 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Instrument :  
MSVOA\_X  
ClientSampleId :

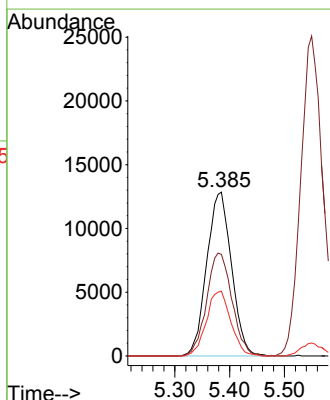
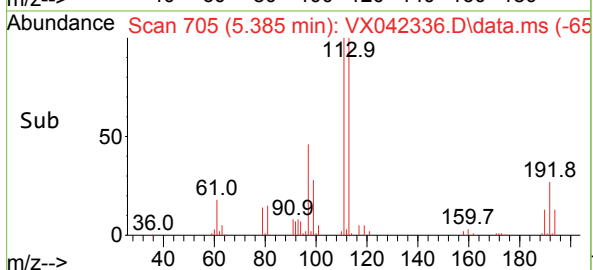
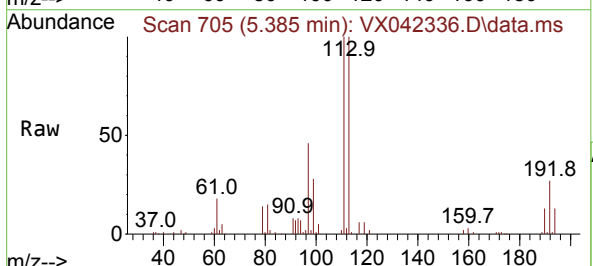


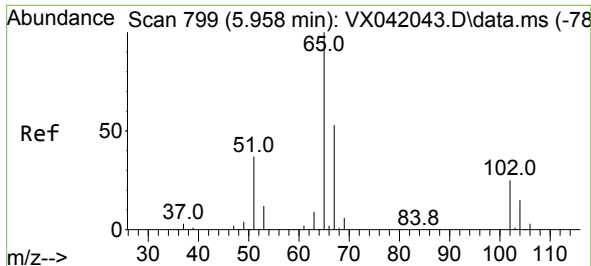
Tgt Ion: 56 Resp: 34503  
Ion Ratio Lower Upper  
56 100  
69 33.0 23.4 35.2  
84 90.0 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 18.727 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Tgt Ion: 97 Resp: 40302  
Ion Ratio Lower Upper  
97 100  
99 64.2 51.1 76.7  
61 38.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.782 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

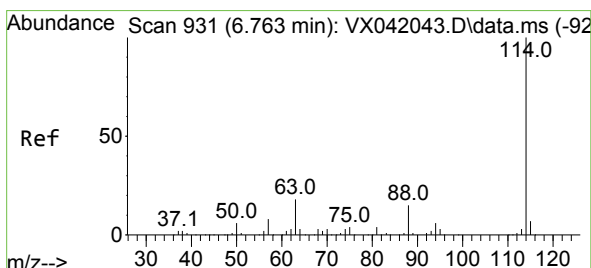
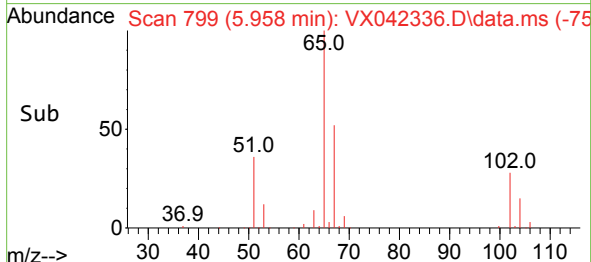
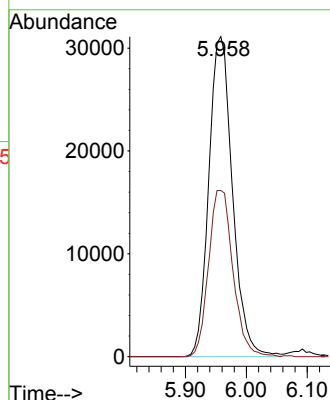
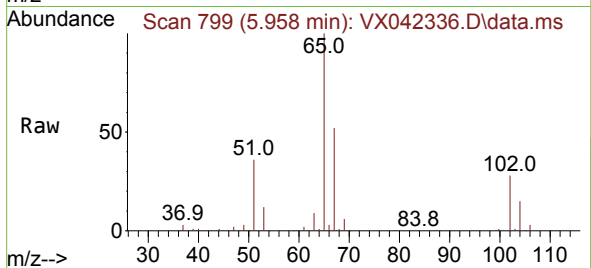
ClientSampleId :

Tgt Ion: 65 Resp: 84125

Ion Ratio Lower Upper

65 100

67 53.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

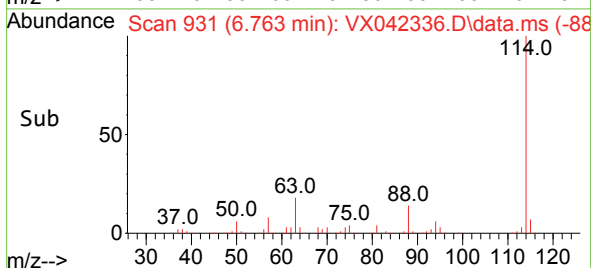
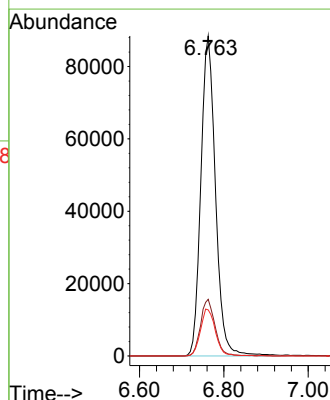
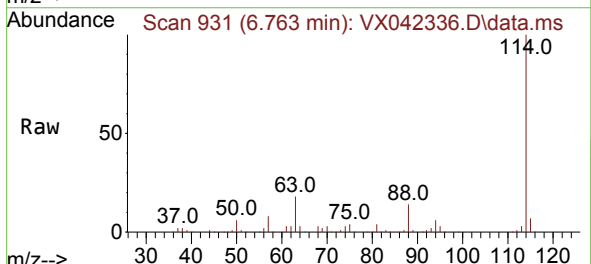
Tgt Ion: 114 Resp: 213774

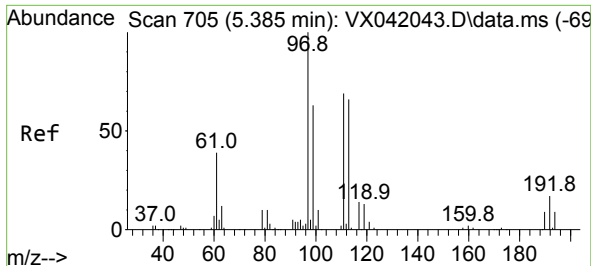
Ion Ratio Lower Upper

114 100

63 17.7 0.0 45.0

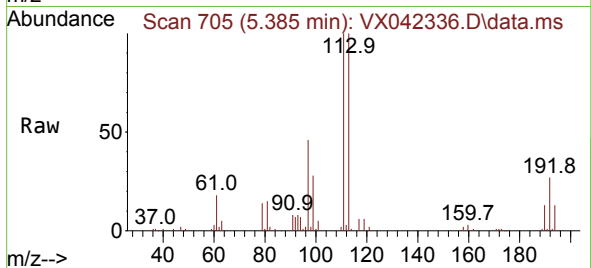
88 14.4 0.0 36.6



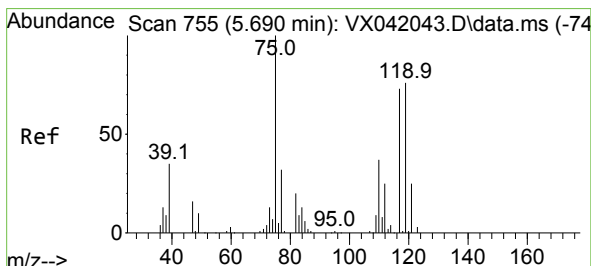
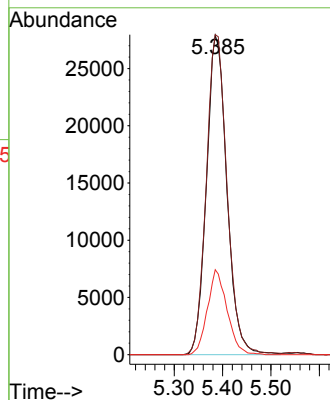
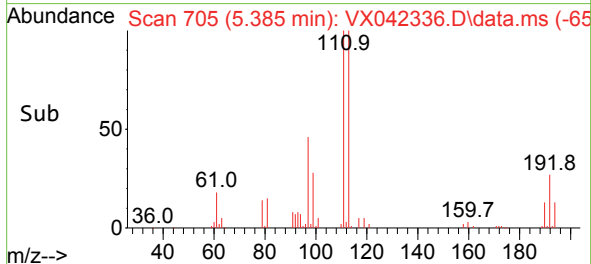


#35  
Dibromofluoromethane  
Concen: 53.991 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Instrument :  
MSVOA\_X  
ClientSampleId :

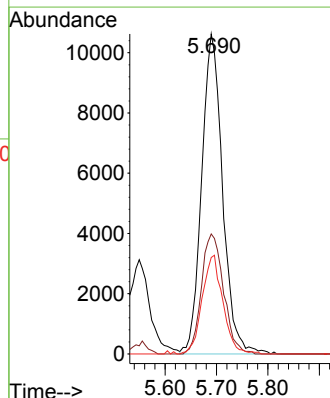
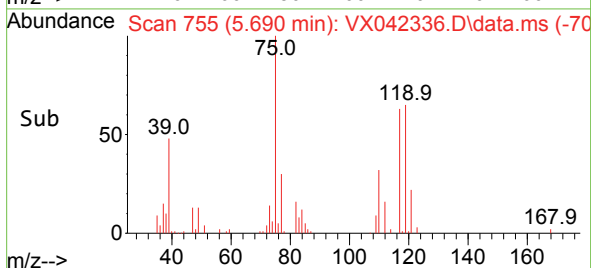
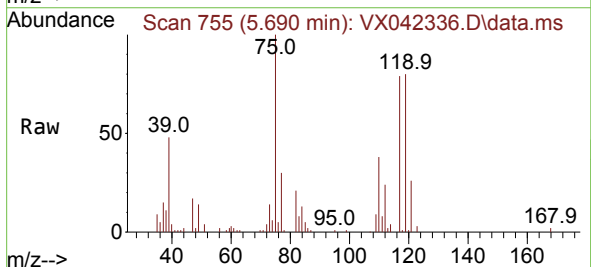


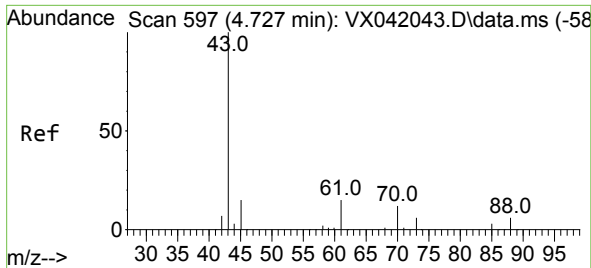
Tgt Ion:113 Resp: 81895  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.9 124.3  
192 25.6 13.3 19.9#



#36  
1,1-Dichloropropene  
Concen: 18.680 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Tgt Ion: 75 Resp: 30089  
Ion Ratio Lower Upper  
75 100  
110 39.5 17.0 50.9  
77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 19.446 ug/l

RT: 4.726 min Scan# 597

Delta R.T. -0.000 min

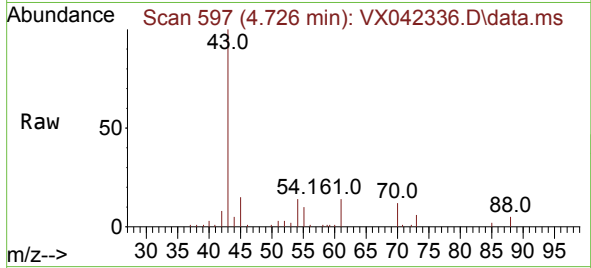
Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

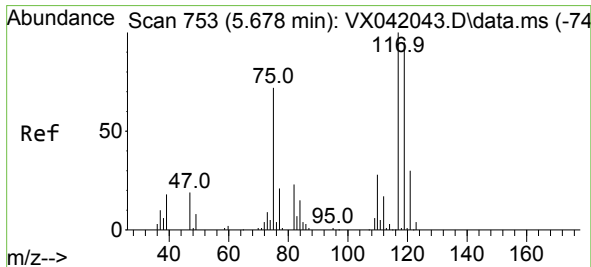
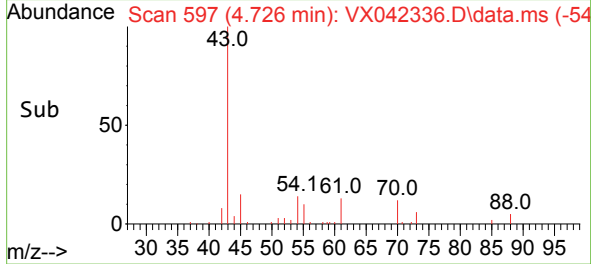
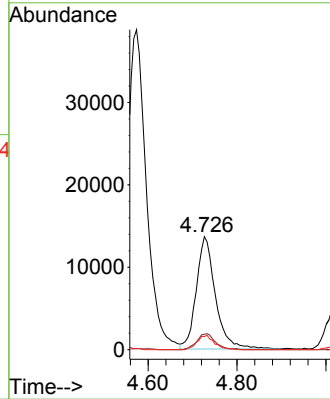
Instrument :

MSVOA\_X

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 40803 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.8  | 10.6  | 16.0  |
| 70       | 11.5  | 8.3   | 12.5  |



#38

Carbon Tetrachloride

Concen: 19.178 ug/l

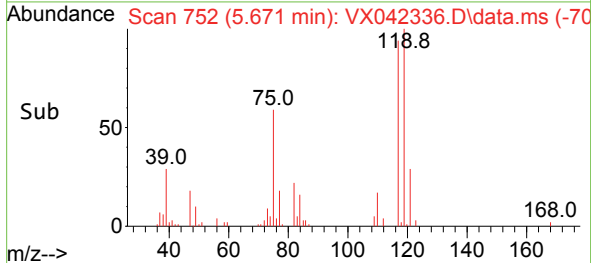
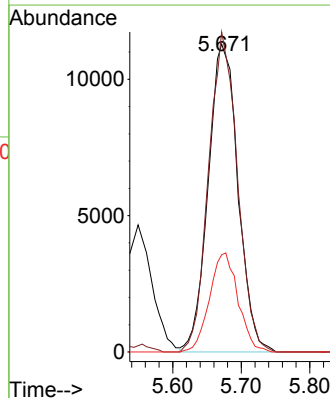
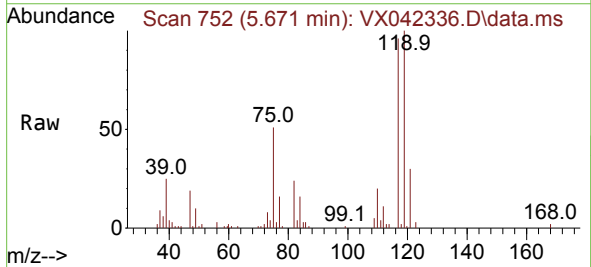
RT: 5.671 min Scan# 752

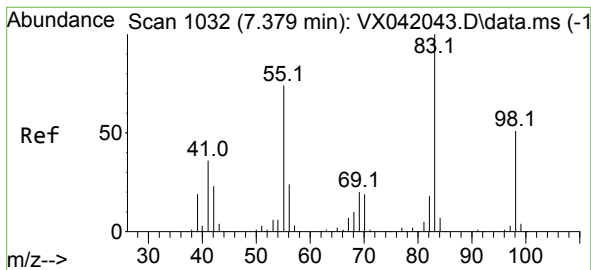
Delta R.T. -0.006 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 34130 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 104.0 | 78.2  | 117.2 |
| 121      | 31.6  | 24.4  | 36.6  |





#39

Methylcyclohexane

Concen: 18.781 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

ClientSampleId :

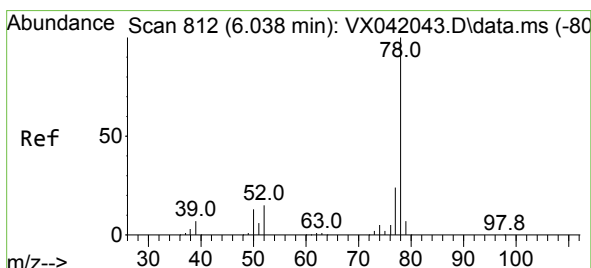
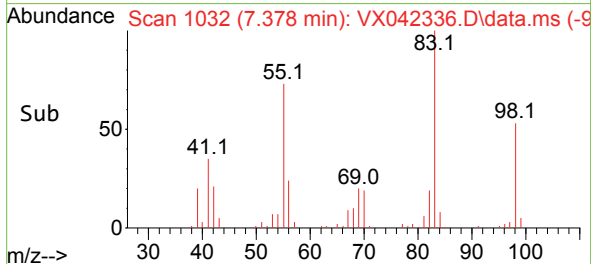
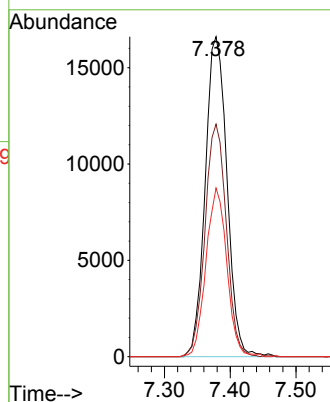
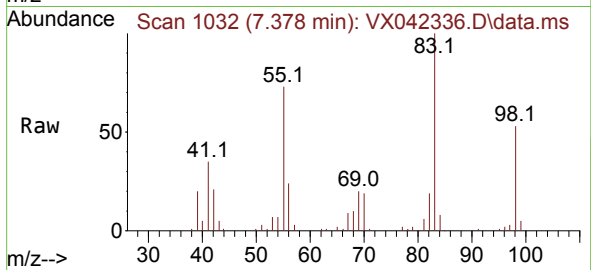
Tgt Ion: 83 Resp: 38259

Ion Ratio Lower Upper

83 100

55 72.7 64.6 97.0

98 52.7 36.7 55.1



#40

Benzene

Concen: 18.545 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX042336.D

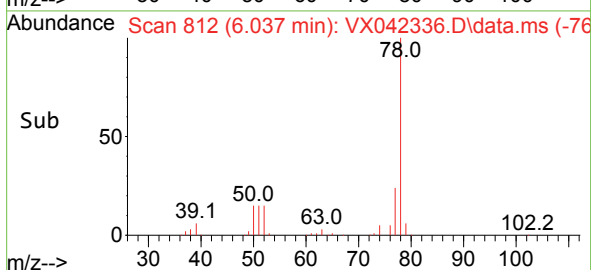
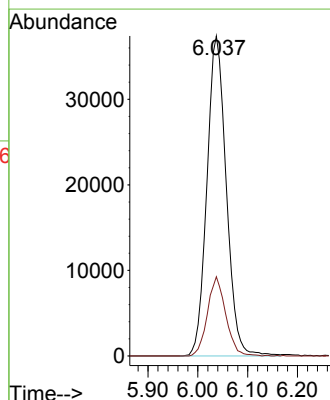
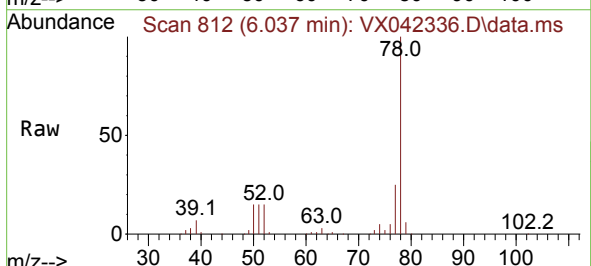
Acq: 16 Jul 2024 12:14

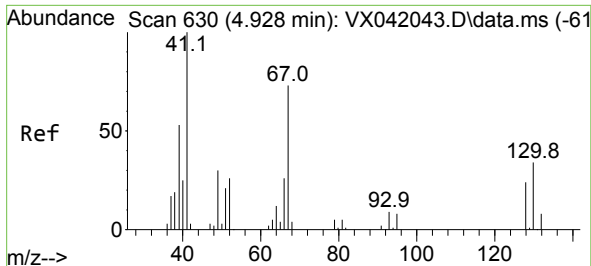
Tgt Ion: 78 Resp: 100744

Ion Ratio Lower Upper

78 100

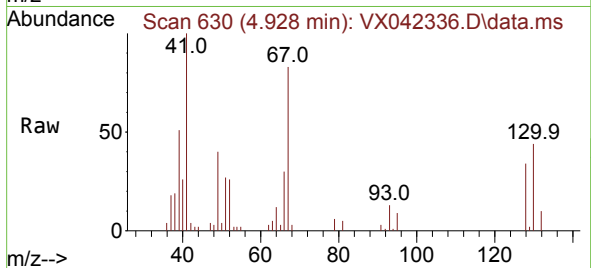
77 24.7 19.3 28.9



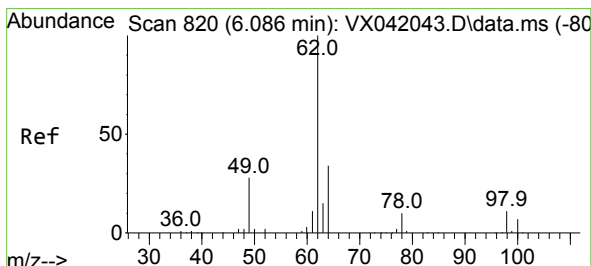
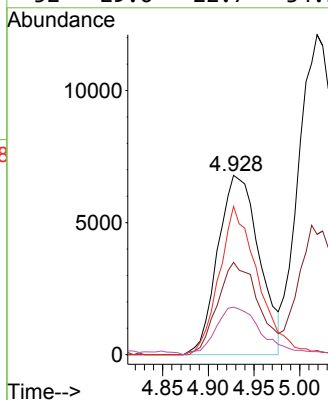
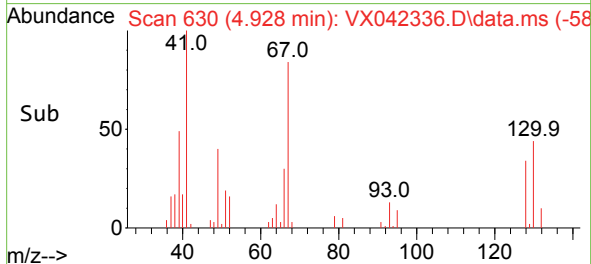


#41  
Methacrylonitrile  
Concen: 18.855 ug/l  
RT: 4.928 min Scan# 611  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

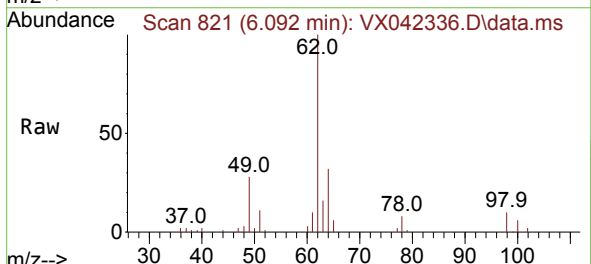
Instrument :  
MSVOA\_X  
ClientSampleId :



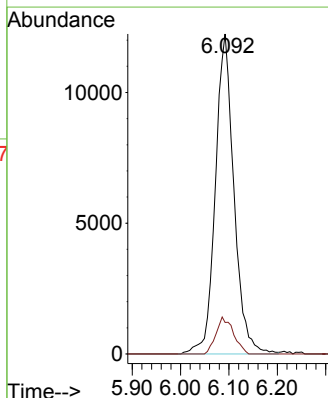
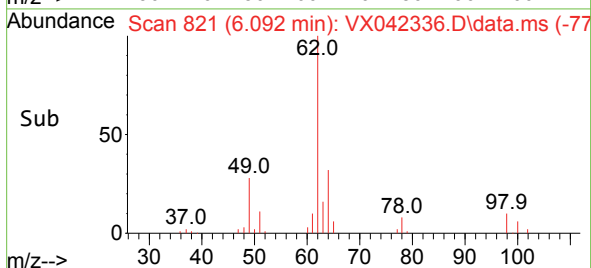
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 21446 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 50.8  | 45.2  | 67.8  |
| 67       | 78.2  | 52.6  | 78.8  |
| 52       | 29.6  | 22.7  | 34.1  |

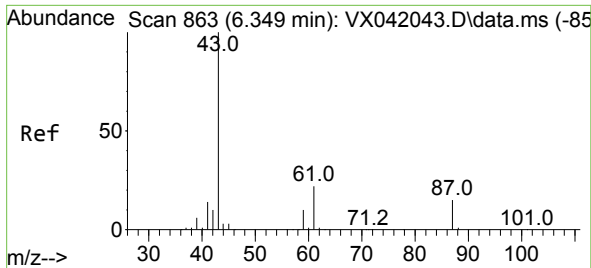


#42  
1,2-Dichloroethane  
Concen: 18.679 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 32686 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.8  | 0.0   | 16.0  |

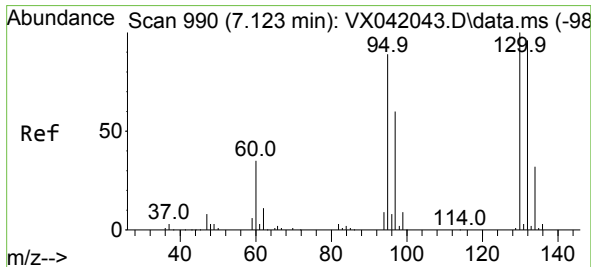
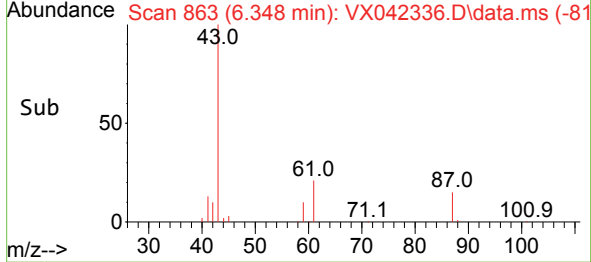
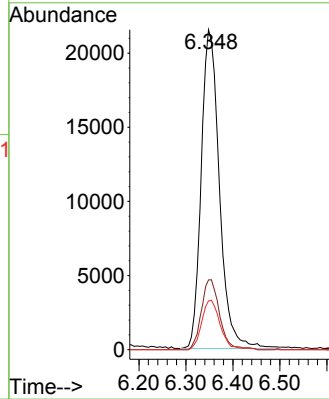
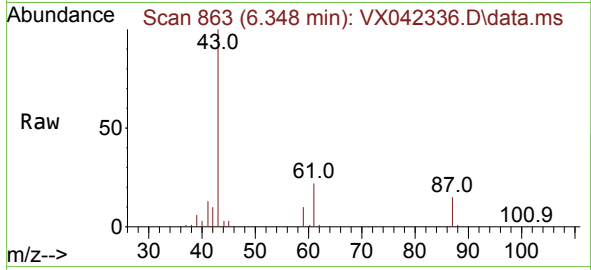




#43  
Isopropyl Acetate  
Concen: 18.012 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

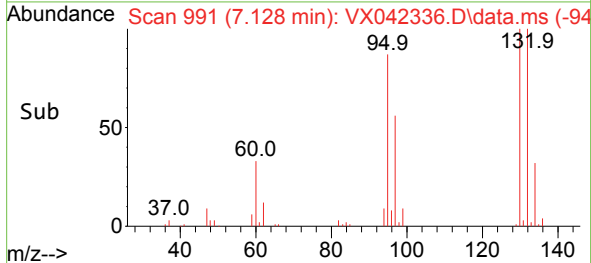
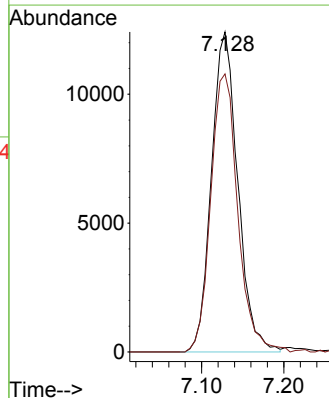
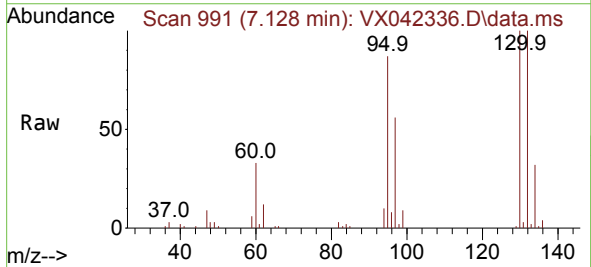
Instrument :  
MSVOA\_X  
ClientSampleId :

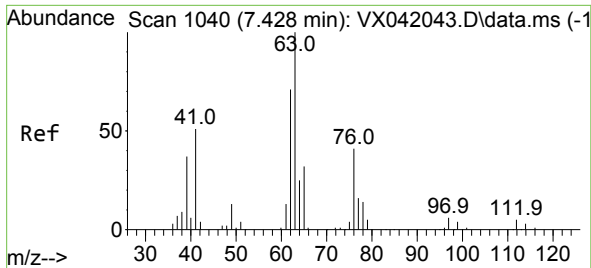
Tgt Ion: 43 Resp: 58011  
Ion Ratio Lower Upper  
43 100  
61 21.9 15.2 22.8  
87 15.7 9.8 14.6#



#44  
Trichloroethene  
Concen: 18.977 ug/l  
RT: 7.128 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Tgt Ion:130 Resp: 27634  
Ion Ratio Lower Upper  
130 100  
95 86.9 0.0 204.4

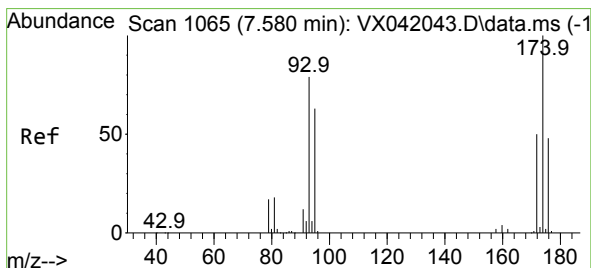
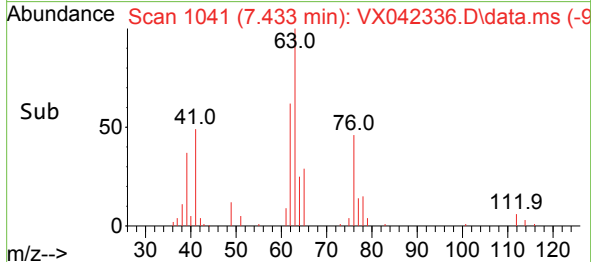
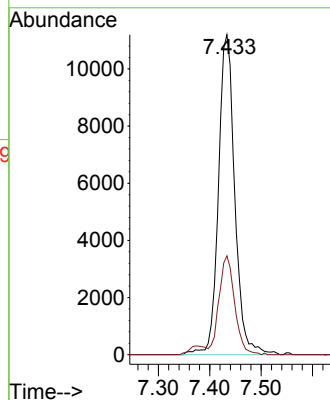
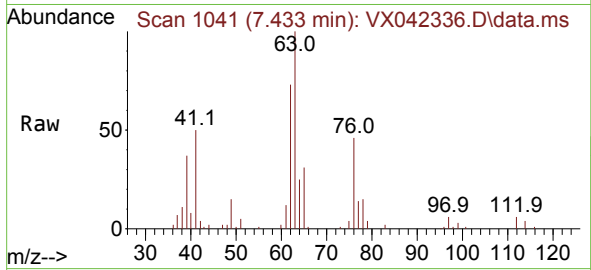




#45  
1,2-Dichloropropane  
Concen: 18.547 ug/l  
RT: 7.433 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

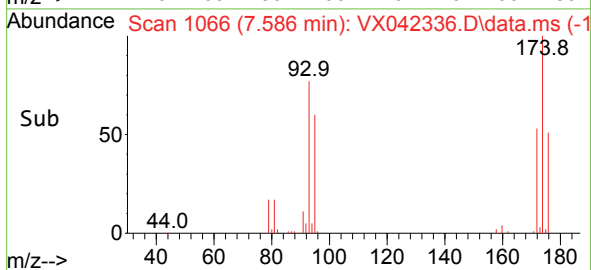
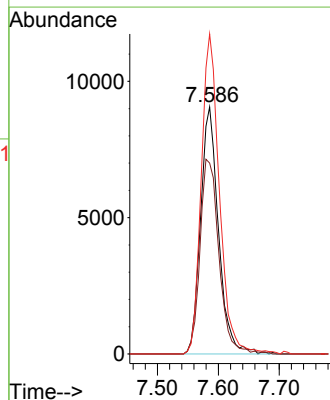
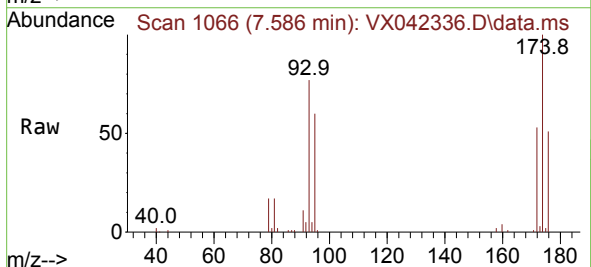
Instrument :  
MSVOA\_X  
ClientSampleId :

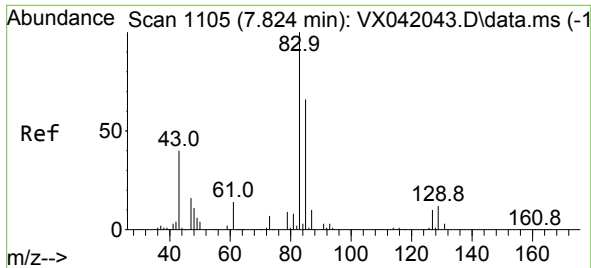
Tgt Ion: 63 Resp: 24774  
Ion Ratio Lower Upper  
63 100  
65 30.9 24.3 36.5



#46  
Dibromomethane  
Concen: 19.035 ug/l  
RT: 7.586 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

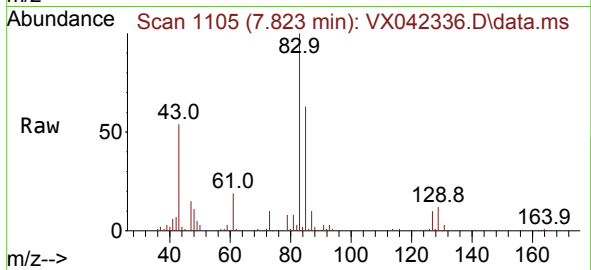
Tgt Ion: 93 Resp: 18526  
Ion Ratio Lower Upper  
93 100  
95 83.3 66.6 100.0  
174 131.2 69.4 104.0#



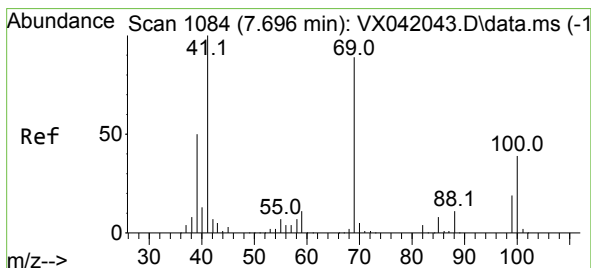
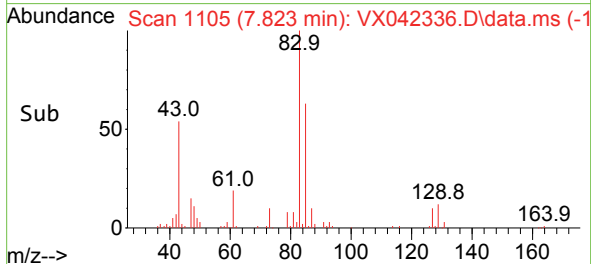
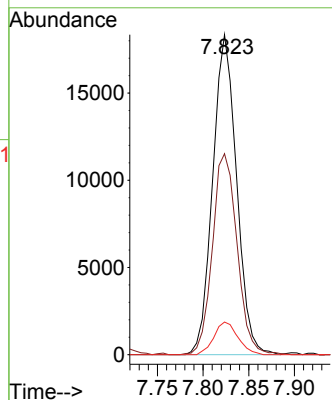


#47  
Bromodichloromethane  
Concen: 18.660 ug/l  
RT: 7.823 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Instrument :  
MSVOA\_X  
ClientSampleId :

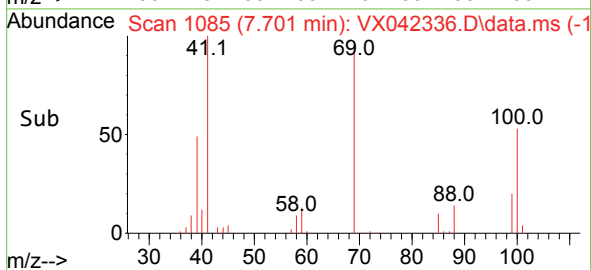
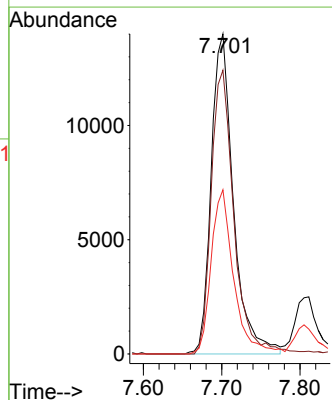
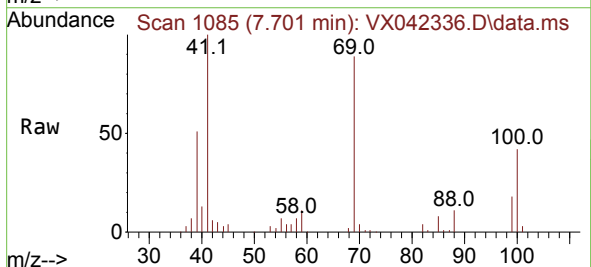


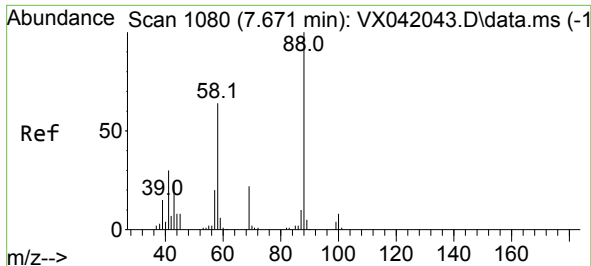
Tgt Ion: 83 Resp: 33343  
Ion Ratio Lower Upper  
83 100  
85 62.8 49.8 74.6  
127 10.2 7.1 10.7



#48  
Methyl methacrylate  
Concen: 17.981 ug/l  
RT: 7.701 min Scan# 1085  
Delta R.T. 0.006 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

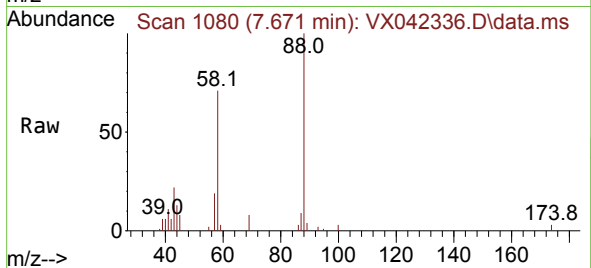
Tgt Ion: 41 Resp: 27638  
Ion Ratio Lower Upper  
41 100  
69 90.8 59.2 88.8#  
39 51.4 47.7 71.5



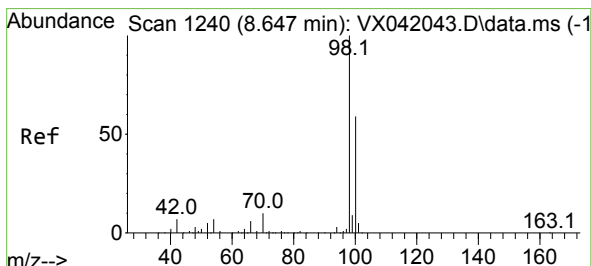
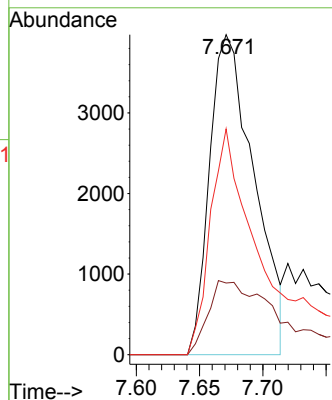
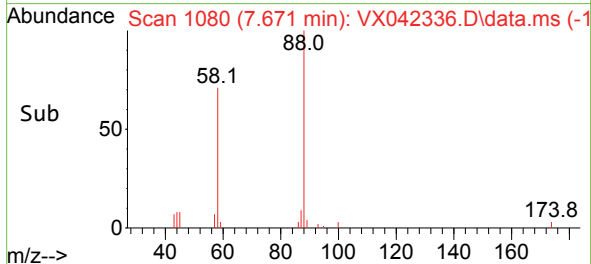


#49  
1,4-Dioxane  
Concen: 254.668 ug/l  
RT: 7.671 min Scan# 1080  
Delta R.T. 0.006 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Instrument :  
MSVOA\_X  
ClientSampleId :

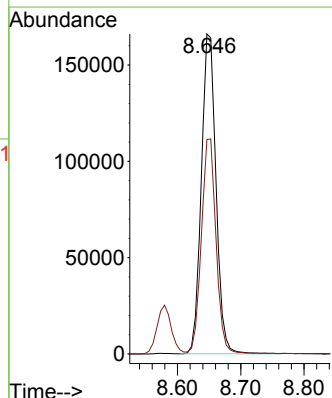
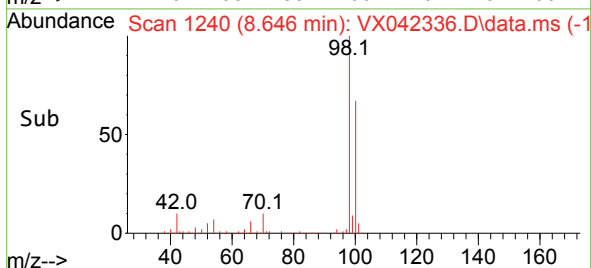
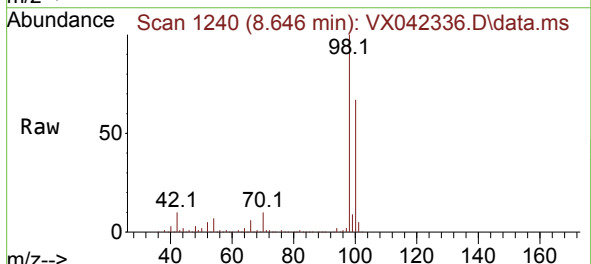


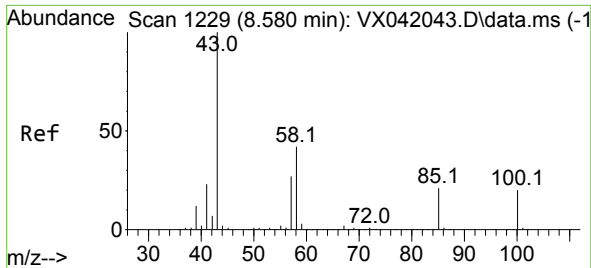
Tgt Ion: 88 Resp: 9741  
Ion Ratio Lower Upper  
88 100  
43 37.8 0.0 0.0#  
58 87.1 60.1 90.1



#50  
Toluene-d8  
Concen: 50.377 ug/l  
RT: 8.646 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Tgt Ion: 98 Resp: 268445  
Ion Ratio Lower Upper  
98 100  
100 67.3 53.1 79.7

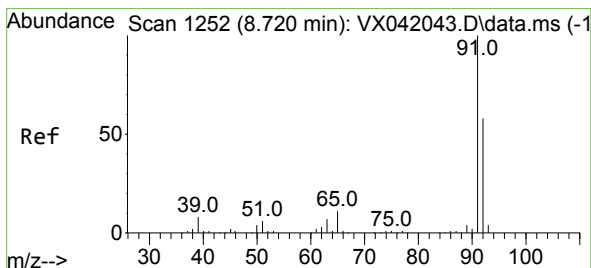
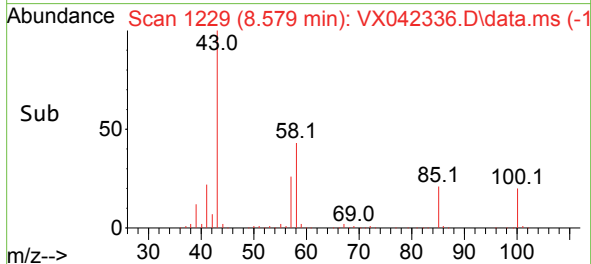
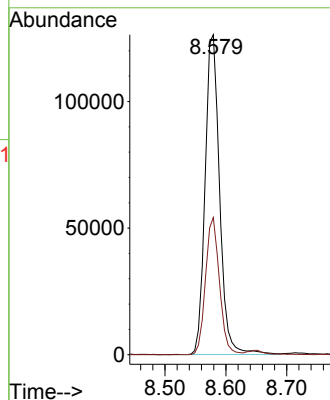
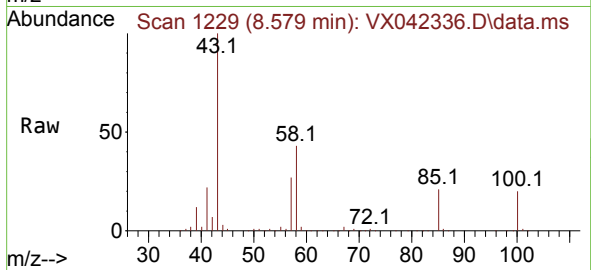




#51  
4-Methyl-2-Pentanone  
Concen: 94.469 ug/l  
RT: 8.579 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

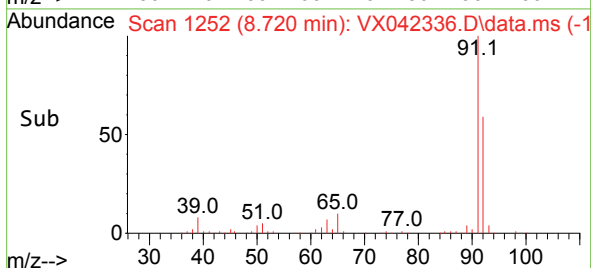
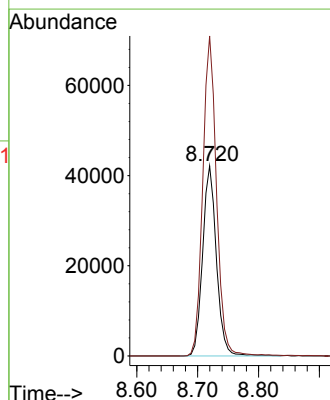
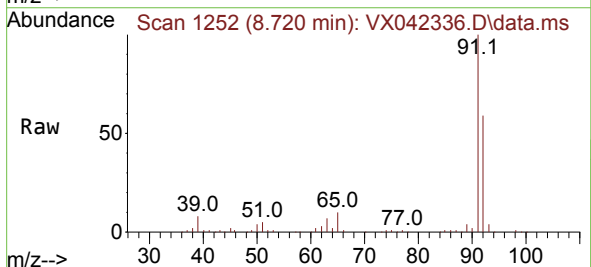
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 43 Resp: 209583  
Ion Ratio Lower Upper  
43 100  
58 41.2 30.4 45.6



#52  
Toluene  
Concen: 19.154 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Tgt Ion: 92 Resp: 66259  
Ion Ratio Lower Upper  
92 100  
91 168.2 134.2 201.2

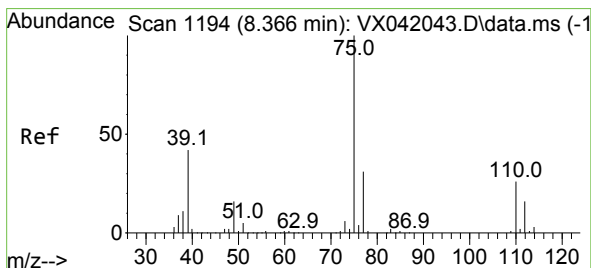
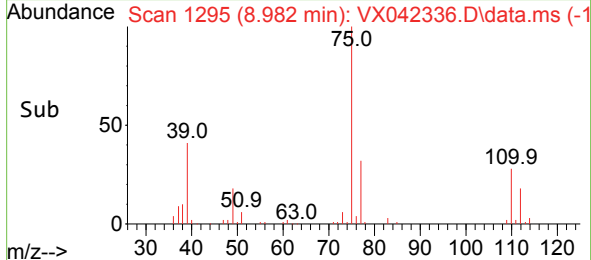
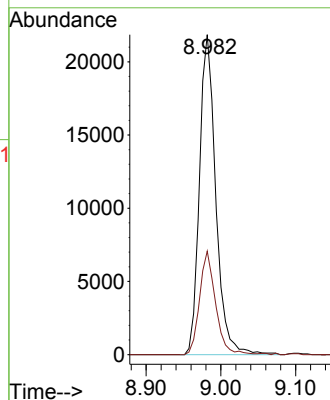
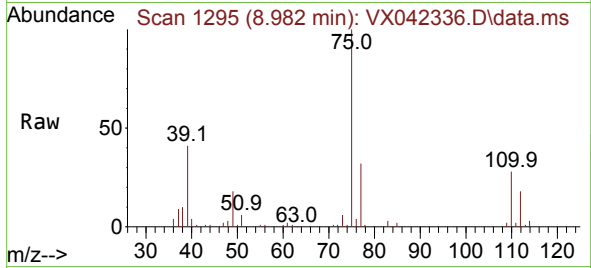




#53  
 t-1,3-Dichloropropene  
 Concen: 18.415 ug/l  
 RT: 8.982 min Scan# 1295  
 Delta R.T. -0.000 min  
 Lab File: VX042336.D  
 Acq: 16 Jul 2024 12:14

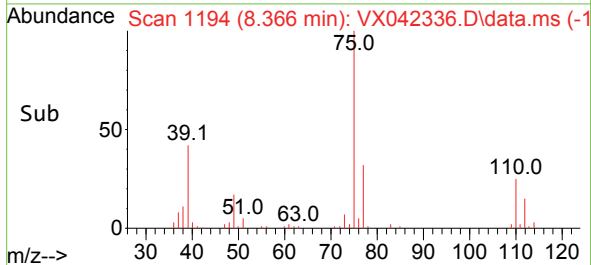
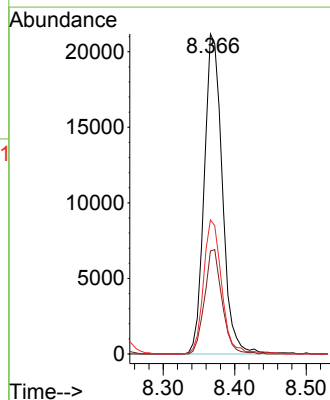
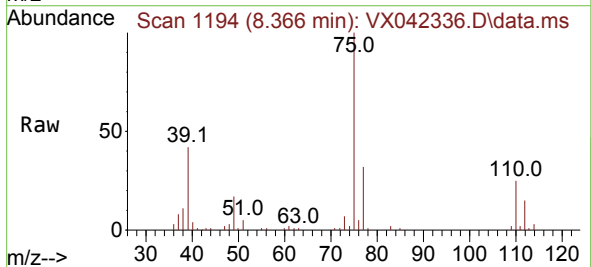
Instrument :  
 MSVOA\_X  
 ClientSampleId :

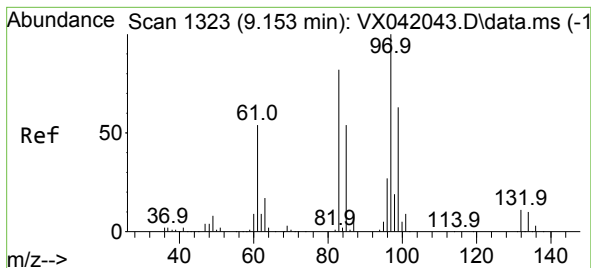
Tgt Ion: 75 Resp: 33171  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.988 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX042336.D  
 Acq: 16 Jul 2024 12:14

Tgt Ion: 75 Resp: 37146  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 25.3 37.9  
 39 41.9 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 19.407 ug/l

RT: 9.152 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 27968

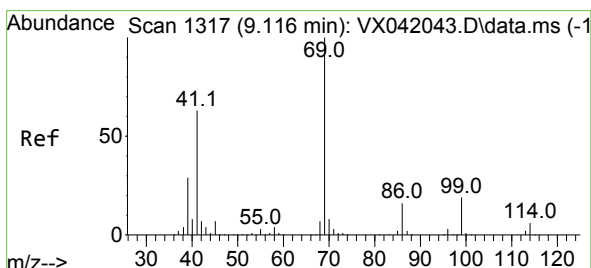
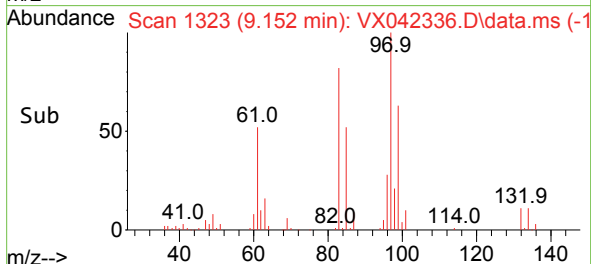
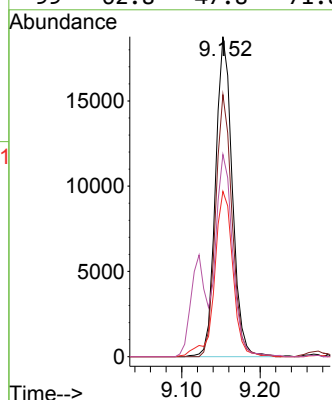
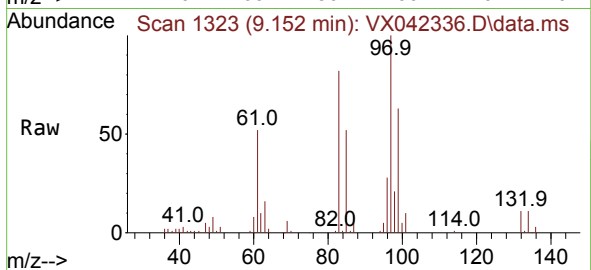
Ion Ratio Lower Upper

97 100

83 81.9 65.8 98.8

85 51.7 41.6 62.4

99 62.8 47.8 71.8



#56

Ethyl methacrylate

Concen: 18.445 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

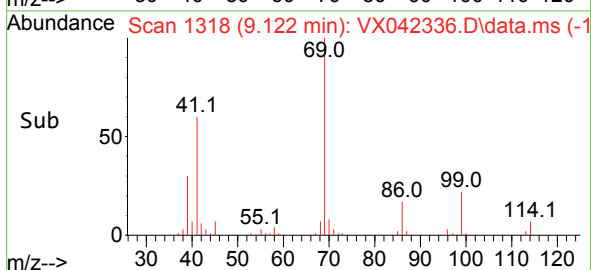
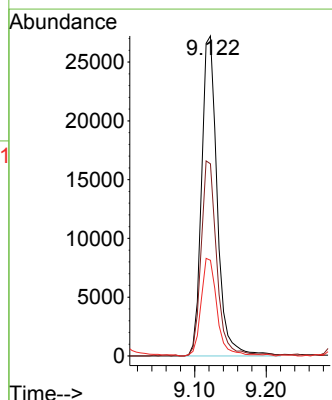
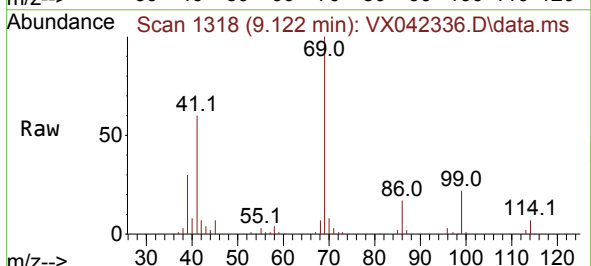
Tgt Ion: 69 Resp: 41353

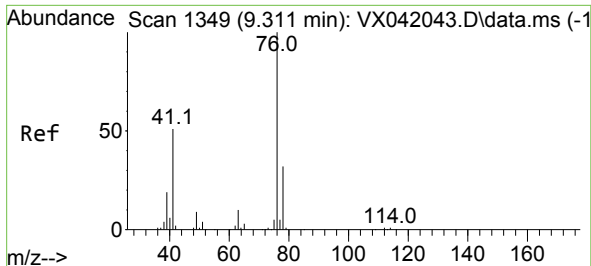
Ion Ratio Lower Upper

69 100

41 61.5 56.8 85.2

39 31.0 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 18.711 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

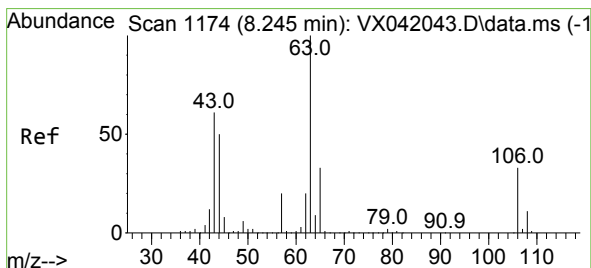
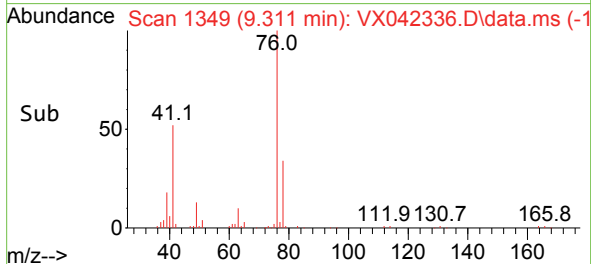
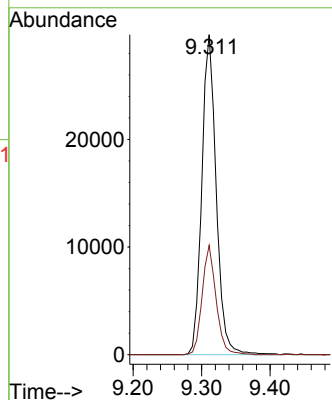
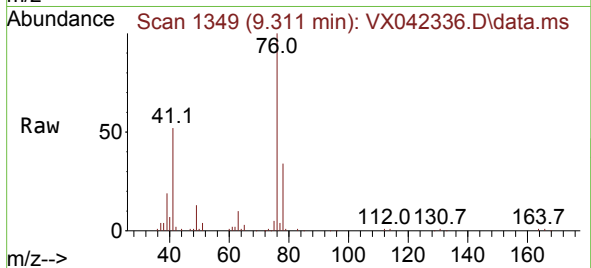
ClientSampleId :

Tgt Ion: 76 Resp: 43565

Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 102.570 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX042336.D

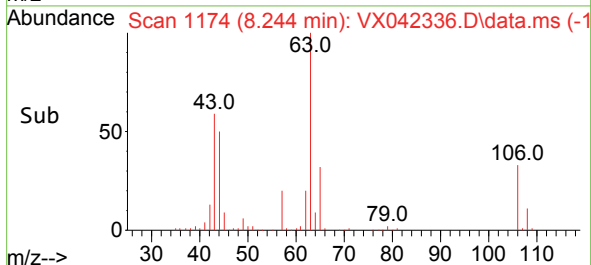
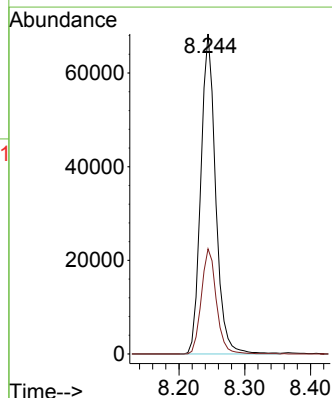
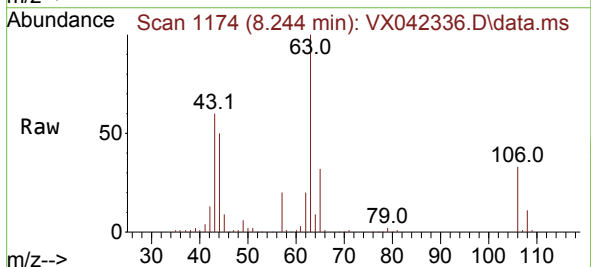
Acq: 16 Jul 2024 12:14

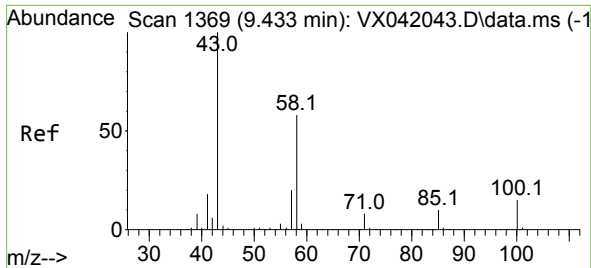
Tgt Ion: 63 Resp: 107161

Ion Ratio Lower Upper

63 100

106 33.2 22.5 33.7

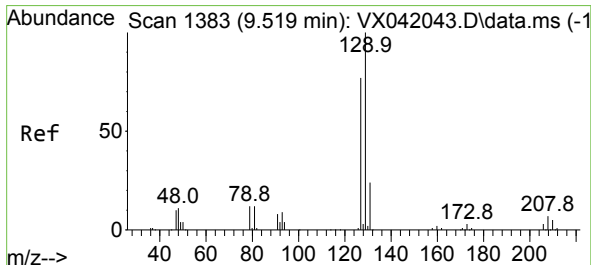
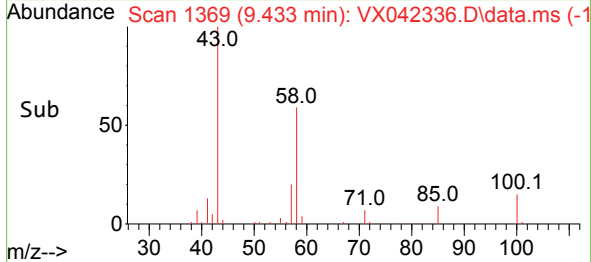
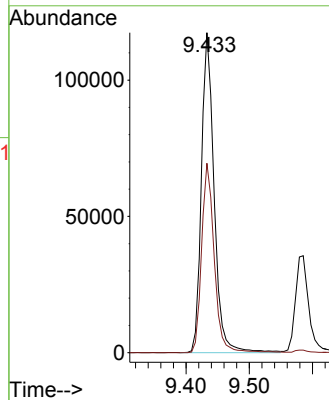
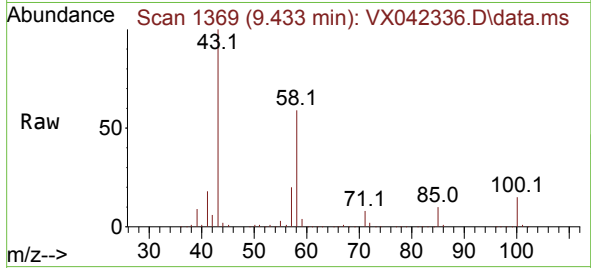




#59  
2-Hexanone  
Concen: 96.796 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

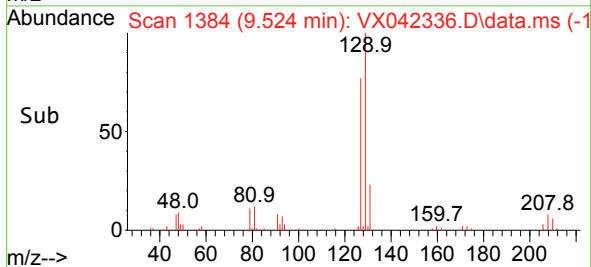
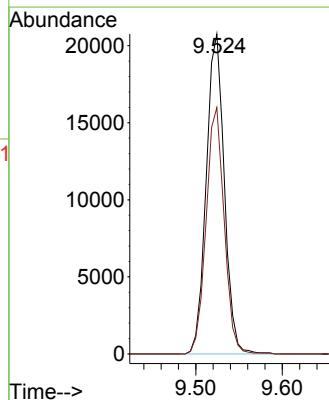
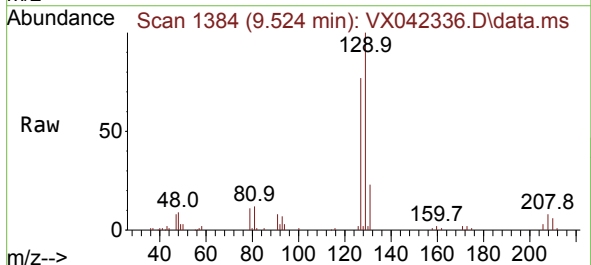
Instrument :  
MSVOA\_X  
ClientSampleId :

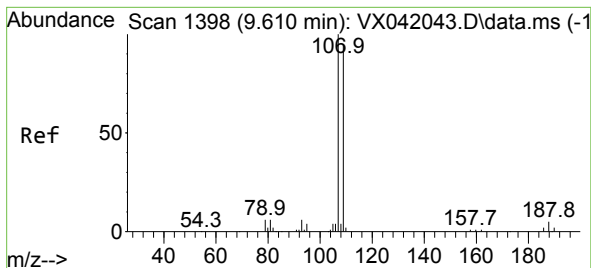
Tgt Ion: 43 Resp: 164476  
Ion Ratio Lower Upper  
43 100  
58 58.9 26.2 78.5



#60  
Dibromochloromethane  
Concen: 19.210 ug/l  
RT: 9.524 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Tgt Ion: 129 Resp: 30071  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.8 116.4





#61

1,2-Dibromoethane

Concen: 19.295 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

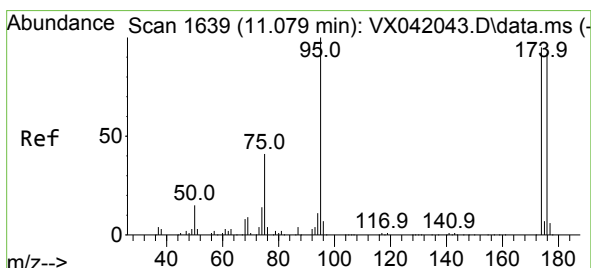
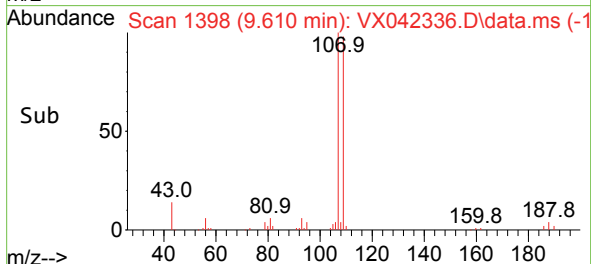
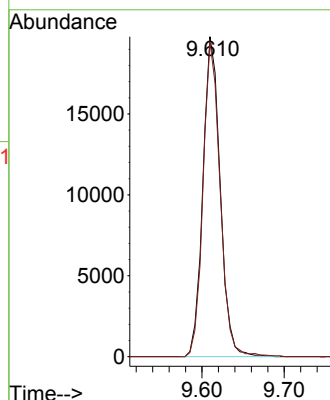
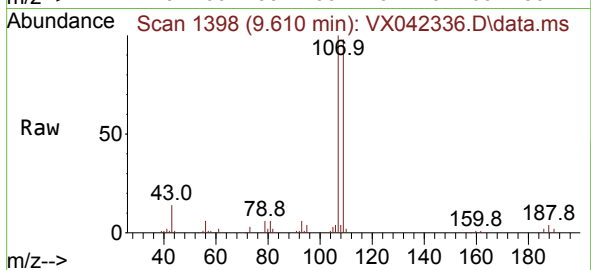
ClientSampleId :

Tgt Ion:107 Resp: 28836

Ion Ratio Lower Upper

107 100

109 97.2 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 55.437 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

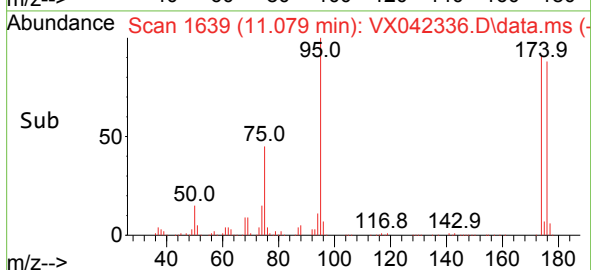
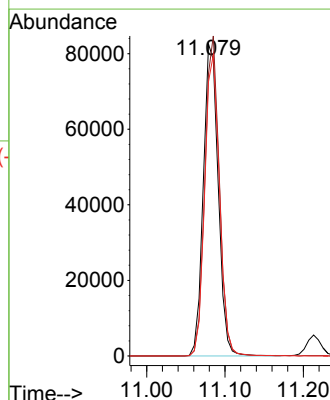
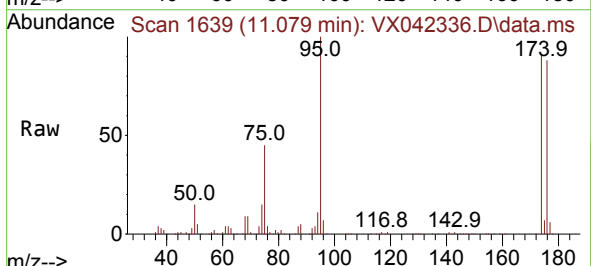
Tgt Ion: 95 Resp: 108896

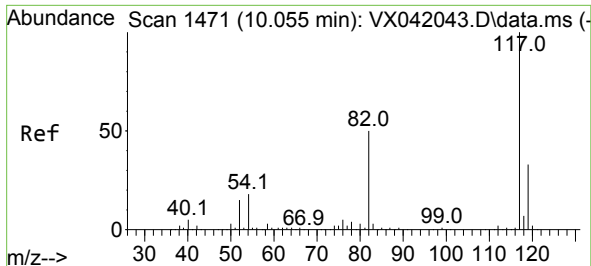
Ion Ratio Lower Upper

95 100

174 99.7 0.0 135.6

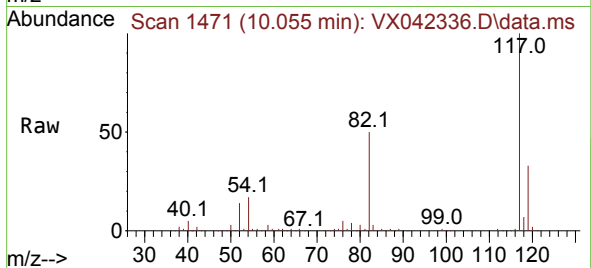
176 95.9 0.0 131.0



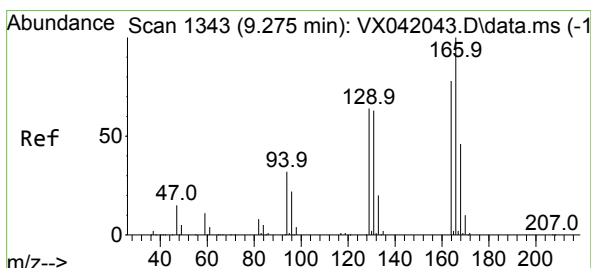
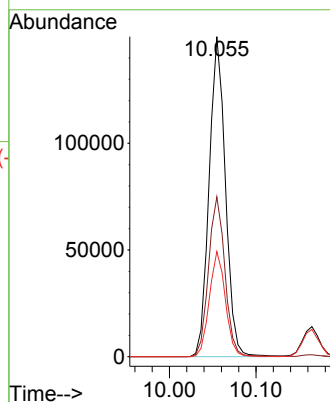
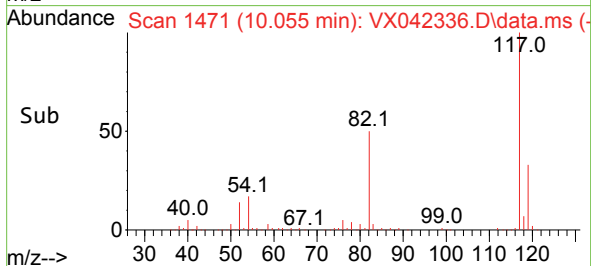


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Instrument :  
MSVOA\_X  
ClientSampleId :

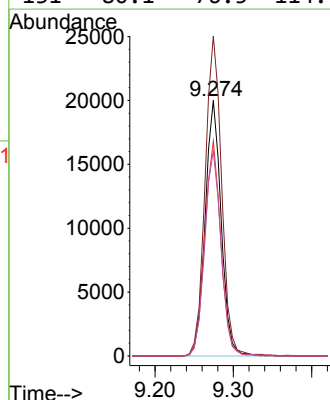
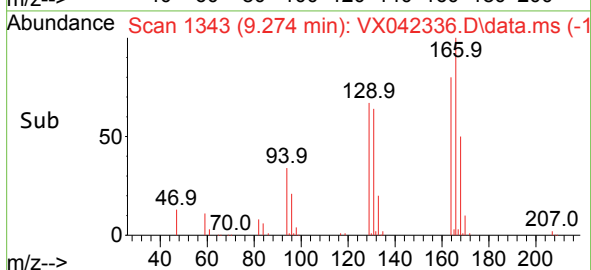
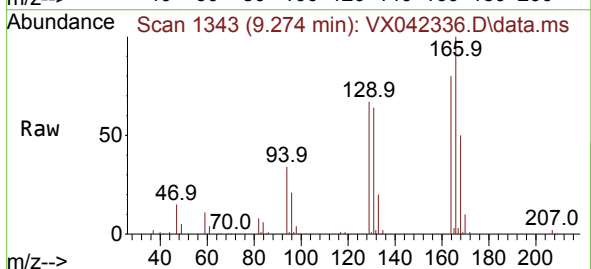


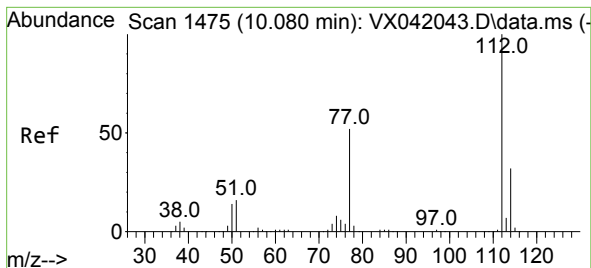
Tgt Ion:117 Resp: 195919  
Ion Ratio Lower Upper  
117 100  
82 50.0 46.2 69.4  
119 32.8 25.5 38.3



#64  
Tetrachloroethene  
Concen: 19.867 ug/l  
RT: 9.274 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Tgt Ion:164 Resp: 28340  
Ion Ratio Lower Upper  
164 100  
166 125.2 102.7 154.1  
129 84.0 80.4 120.6  
131 80.1 76.5 114.7

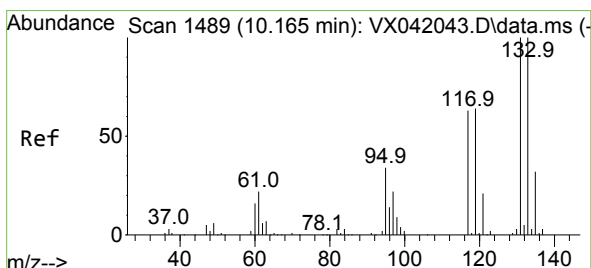
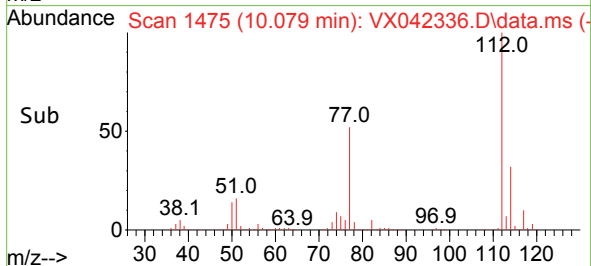
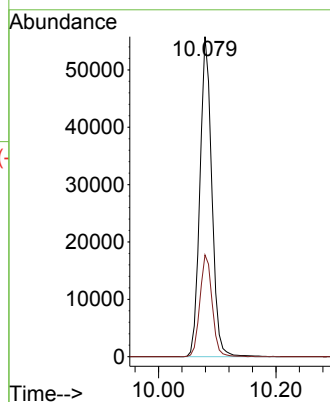
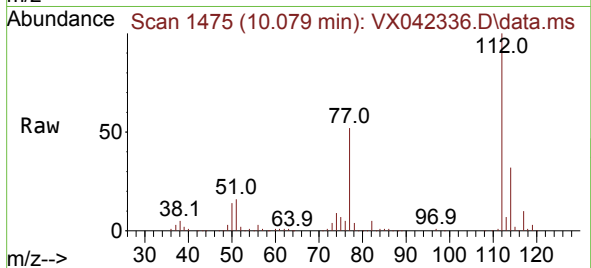




#65  
Chlorobenzene  
Concen: 19.248 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

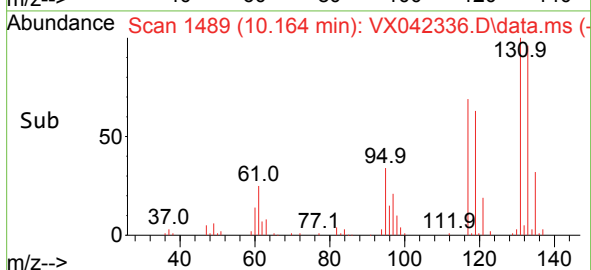
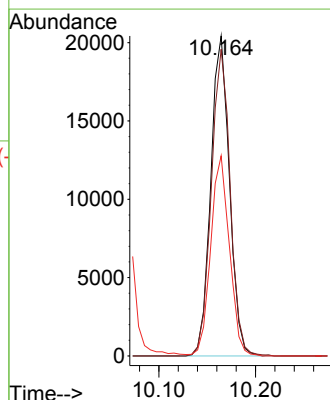
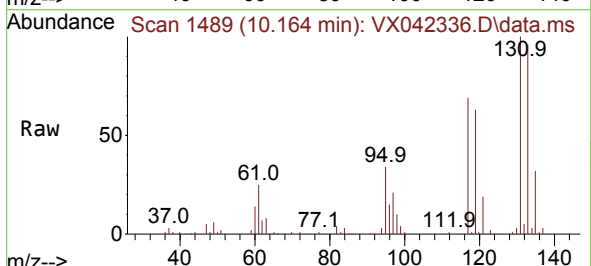
Instrument :  
MSVOA\_X  
ClientSampleId :

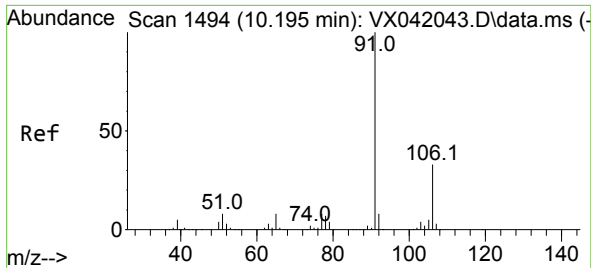
Tgt Ion:112 Resp: 78427  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.179 ug/l  
RT: 10.164 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

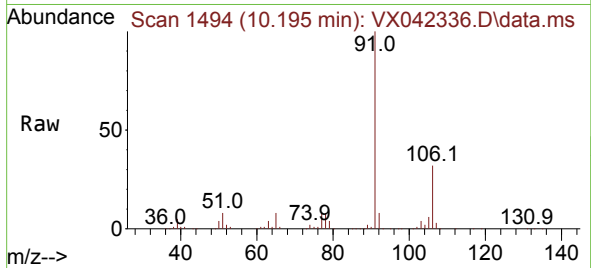
Tgt Ion:131 Resp: 27360  
Ion Ratio Lower Upper  
131 100  
133 97.2 47.1 141.4  
119 62.8 32.2 96.6



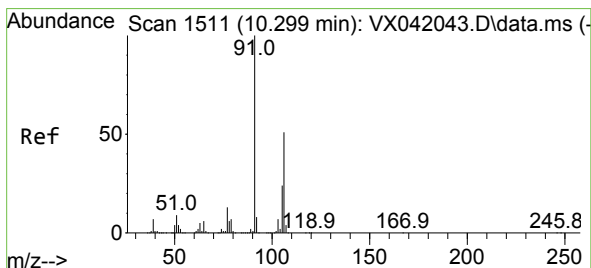
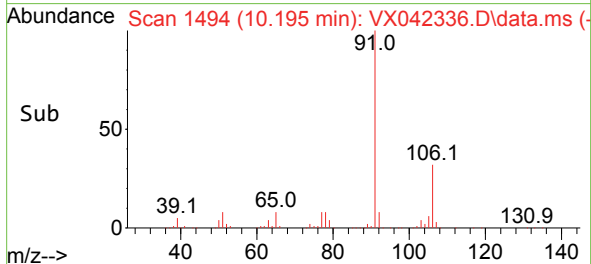
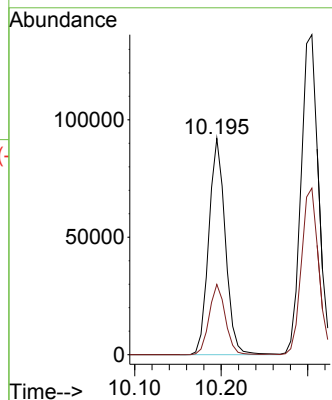


#67  
Ethyl Benzene  
Concen: 19.155 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Instrument :  
MSVOA\_X  
ClientSampleId :

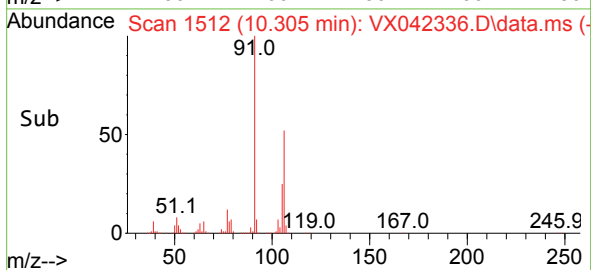
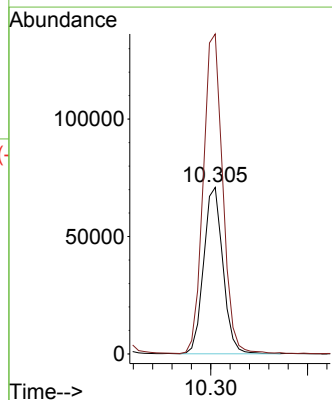
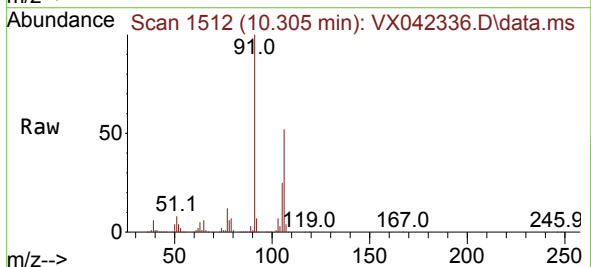


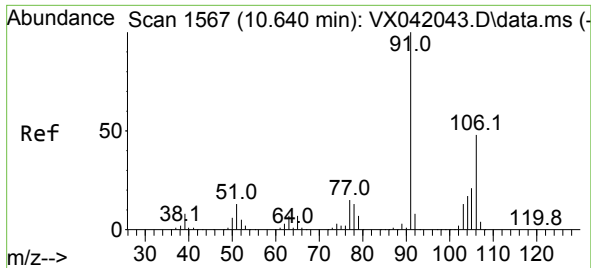
Tgt Ion: 91 Resp: 122319  
Ion Ratio Lower Upper  
91 100  
106 32.5 24.9 37.3



#68  
m/p-Xylenes  
Concen: 38.116 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.006 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Tgt Ion: 106 Resp: 98251  
Ion Ratio Lower Upper  
106 100  
91 195.0 165.5 248.3

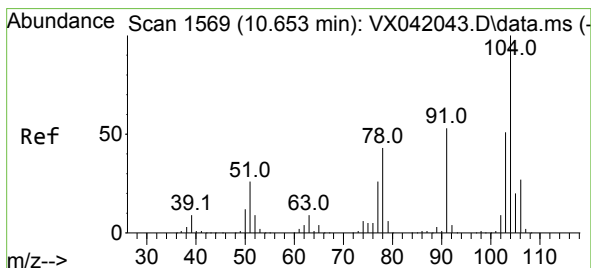
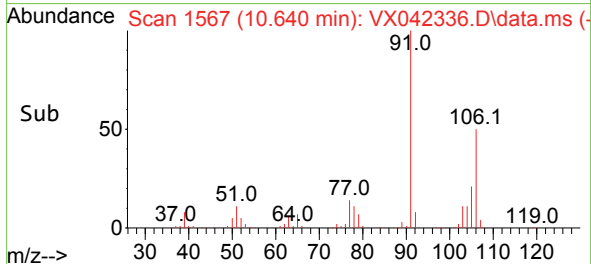
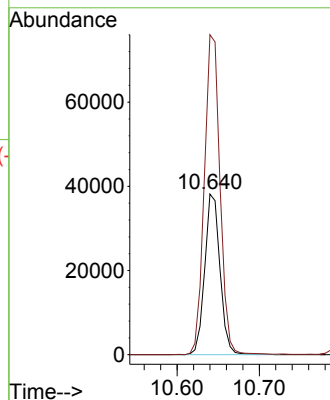
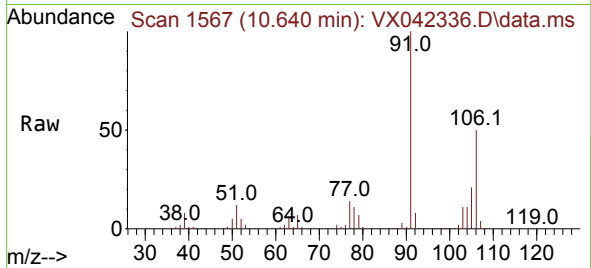




#69  
o-Xylene  
Concen: 19.294 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

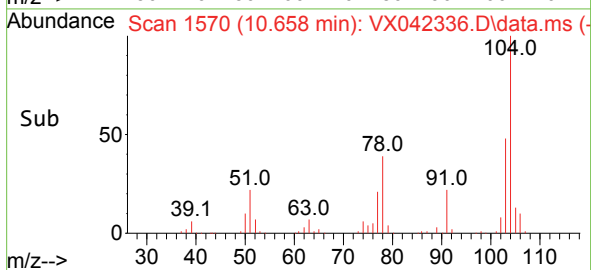
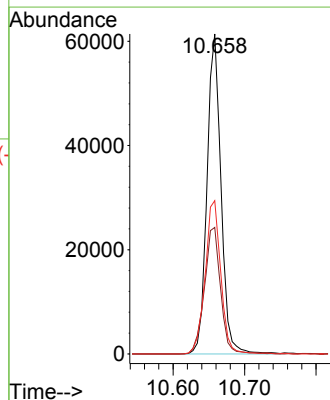
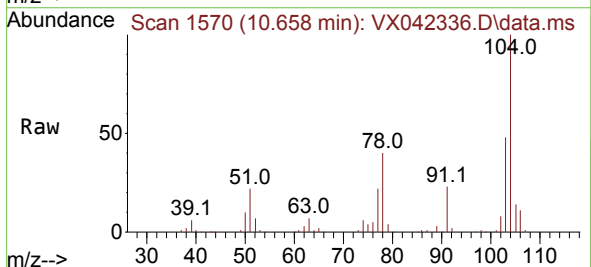
Instrument :  
MSVOA\_X  
ClientSampleId :

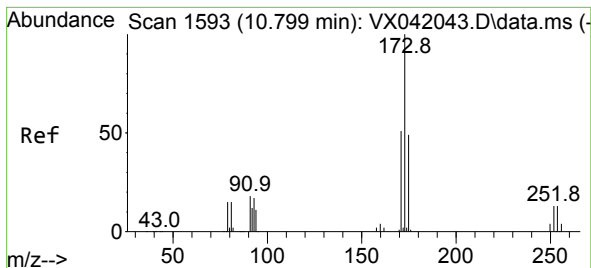
Tgt Ion:106 Resp: 49238  
Ion Ratio Lower Upper  
106 100  
91 205.1 108.9 326.8



#70  
Styrene  
Concen: 19.564 ug/l  
RT: 10.658 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Tgt Ion:104 Resp: 83723  
Ion Ratio Lower Upper  
104 100  
78 45.6 43.6 65.4  
103 53.7 43.6 65.4





#71

Bromoform

Concen: 18.638 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. -0.001 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

ClientSampleId :

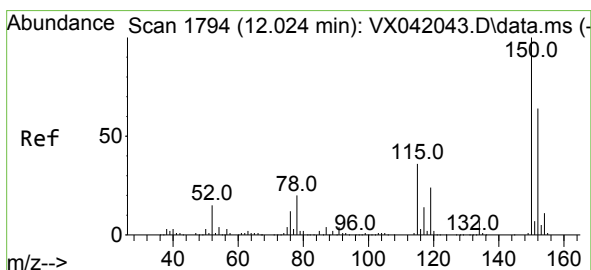
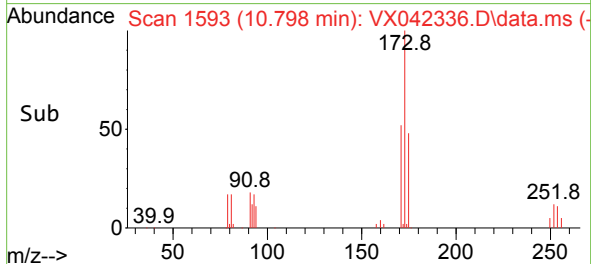
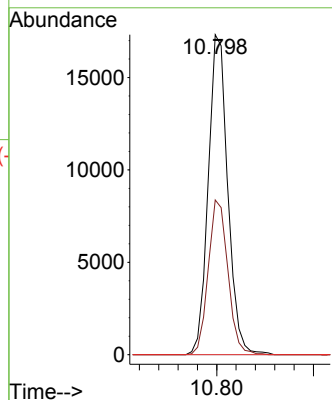
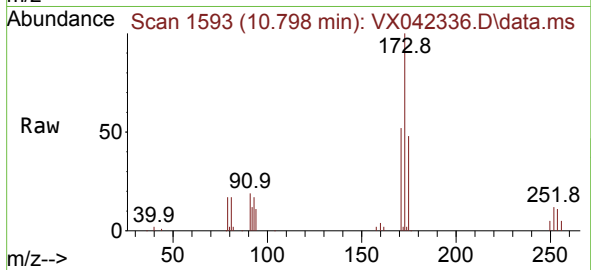
Tgt Ion:173 Resp: 24222

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

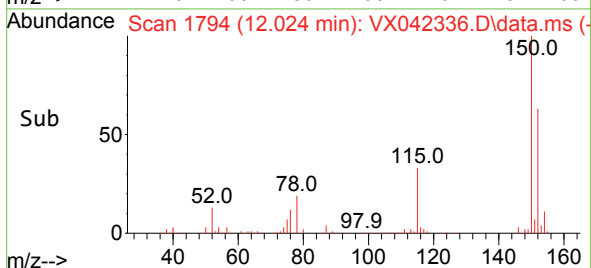
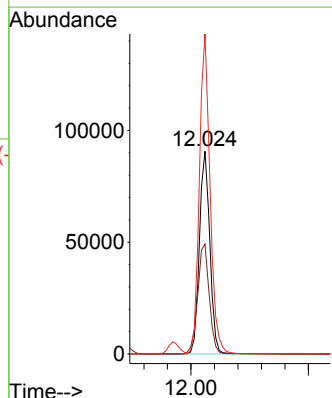
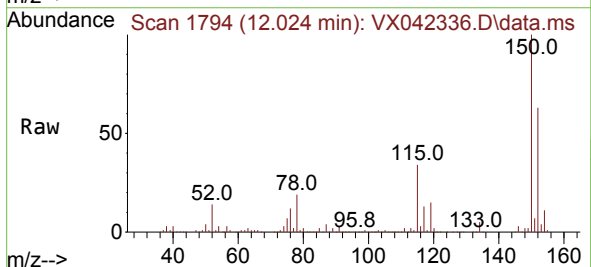
Tgt Ion:152 Resp: 112004

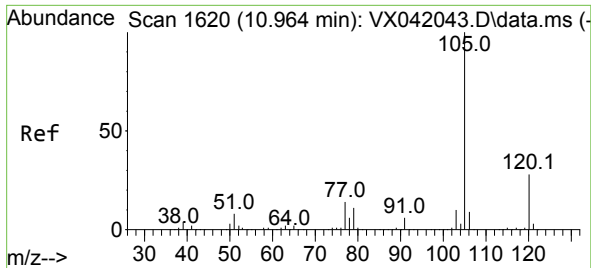
Ion Ratio Lower Upper

152 100

115 60.1 43.3 129.9

150 160.6 0.0 345.0

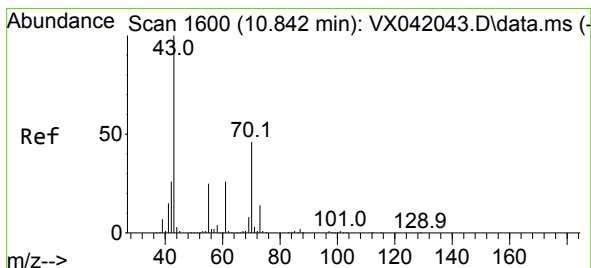
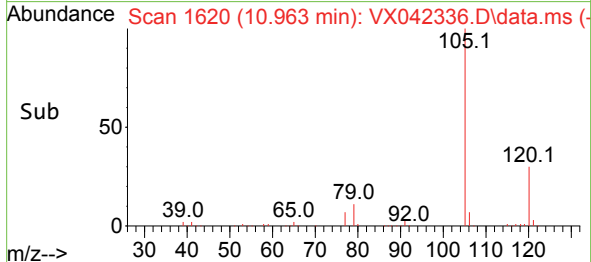
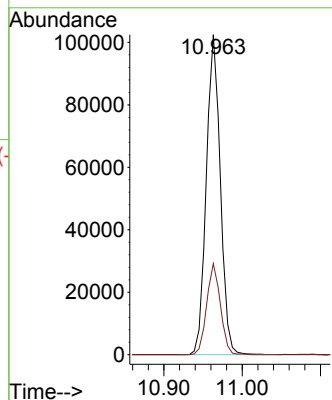
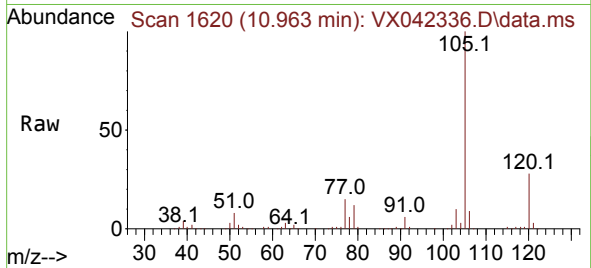




#73  
Isopropylbenzene  
Concen: 18.651 ug/l  
RT: 10.963 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

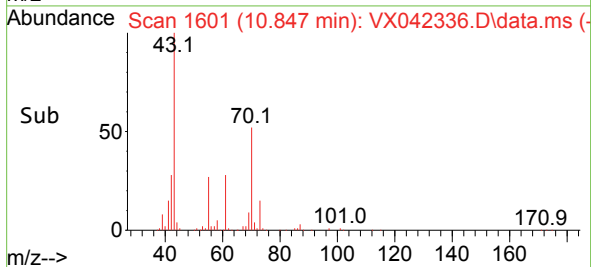
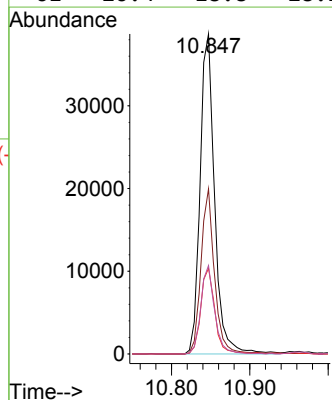
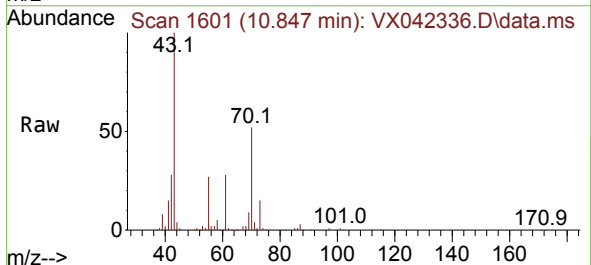
Instrument :  
MSVOA\_X  
ClientSampleId :

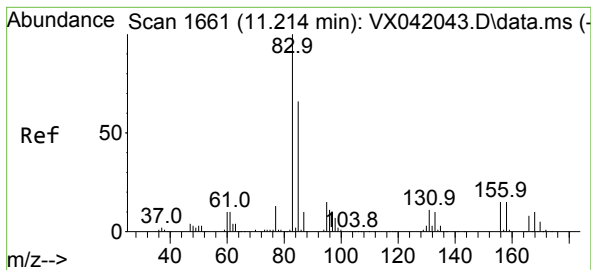
Tgt Ion:105 Resp: 127020  
Ion Ratio Lower Upper  
105 100  
120 27.8 12.9 38.6



#74  
N-ethyl acetate  
Concen: 16.504 ug/l  
RT: 10.847 min Scan# 1601  
Delta R.T. 0.006 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Tgt Ion: 43 Resp: 49925  
Ion Ratio Lower Upper  
43 100  
70 48.2 32.9 49.3  
55 25.8 19.3 28.9  
61 26.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.459 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

ClientSampleId :

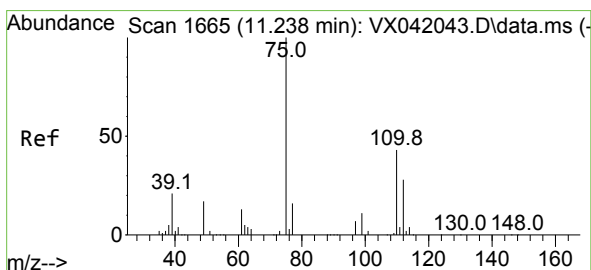
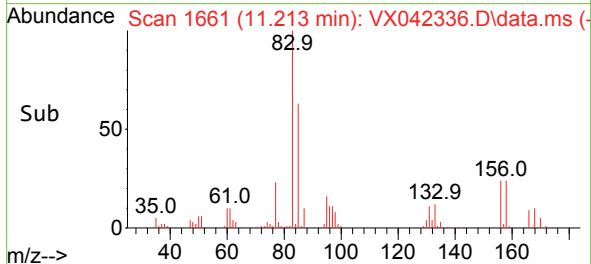
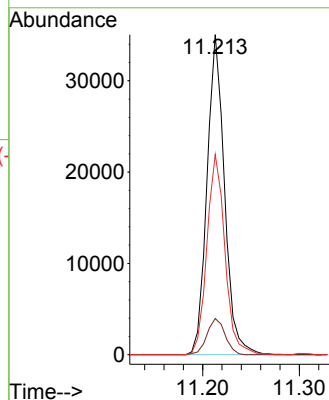
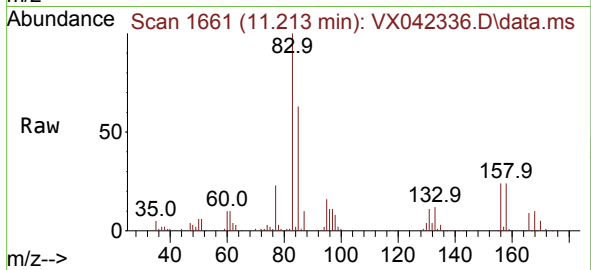
Tgt Ion: 83 Resp: 44211

Ion Ratio Lower Upper

83 100

131 11.7 5.3 15.8

85 64.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 22.381 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX042336.D

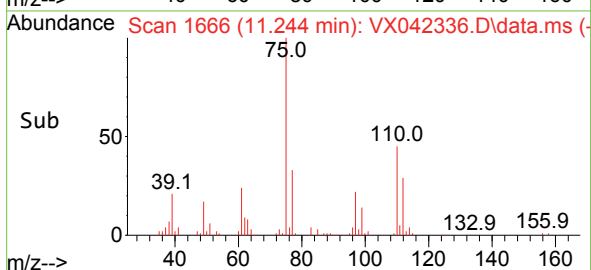
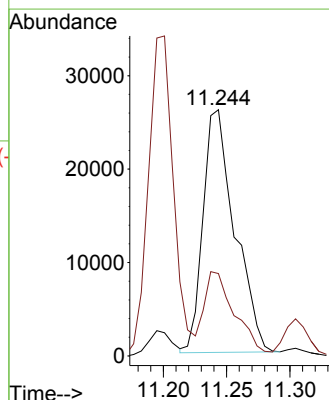
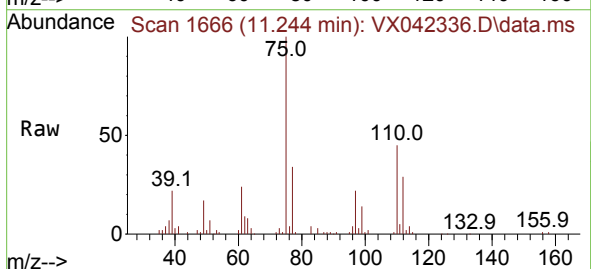
Acq: 16 Jul 2024 12:14

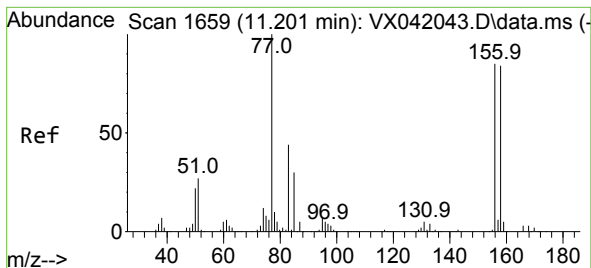
Tgt Ion: 75 Resp: 45507

Ion Ratio Lower Upper

75 100

77 33.4 19.1 57.5





#77

Bromobenzene

Concen: 18.328 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

ClientSampleId :

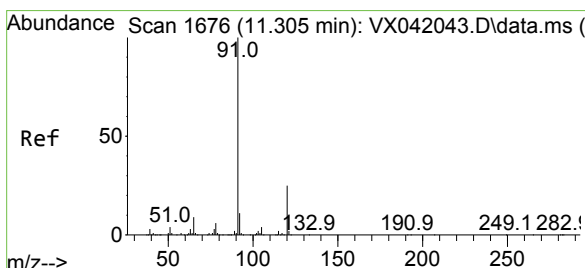
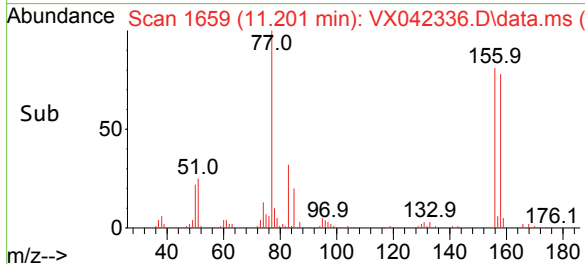
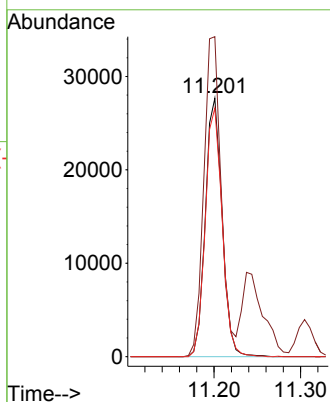
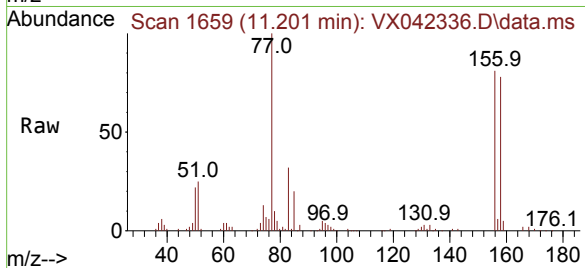
Tgt Ion:156 Resp: 37175

Ion Ratio Lower Upper

156 100

77 128.0 88.4 265.3

158 97.3 48.0 144.0



#78

n-propylbenzene

Concen: 18.710 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX042336.D

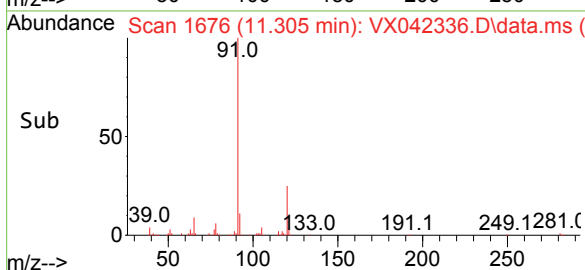
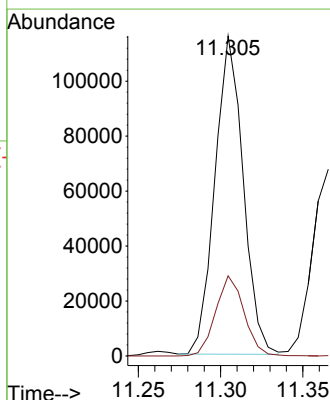
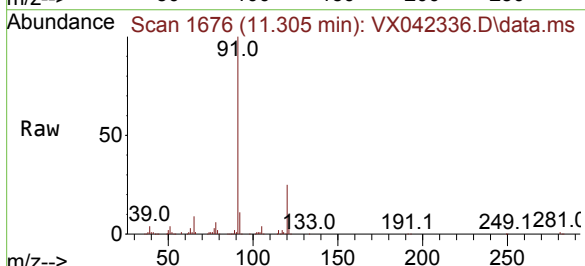
Acq: 16 Jul 2024 12:14

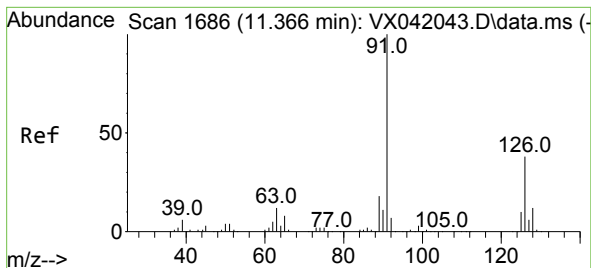
Tgt Ion: 91 Resp: 138258

Ion Ratio Lower Upper

91 100

120 25.4 11.5 34.4

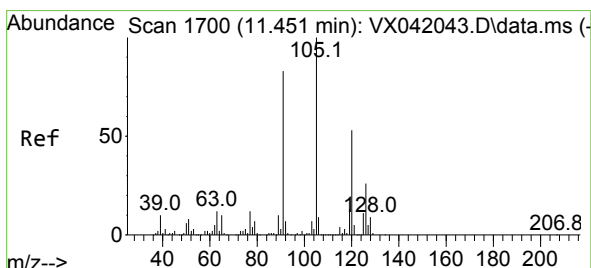
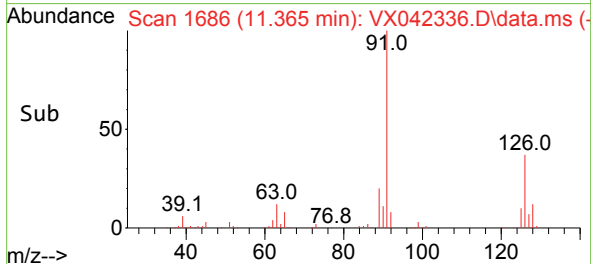
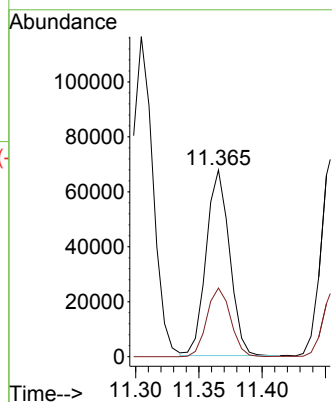
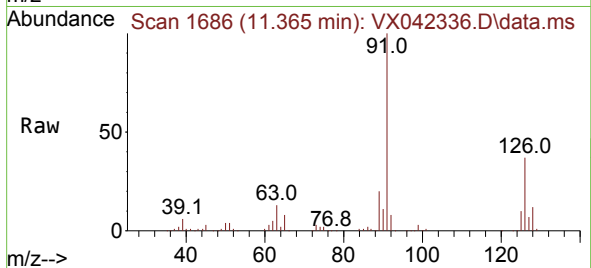




#79  
2-Chlorotoluene  
Concen: 18.269 ug/l  
RT: 11.365 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

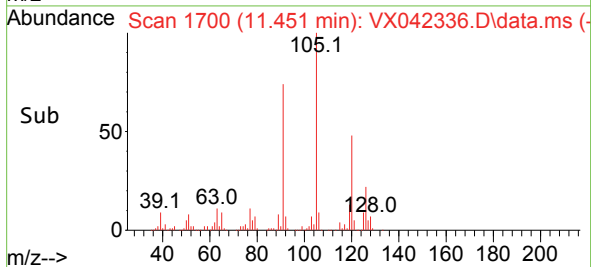
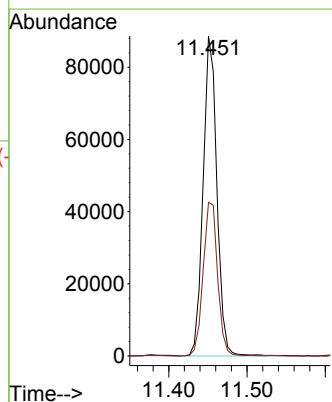
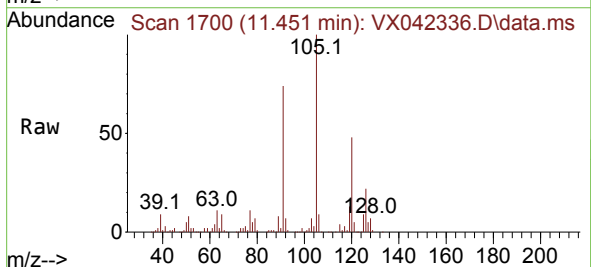
Instrument :  
MSVOA\_X  
ClientSampleId :

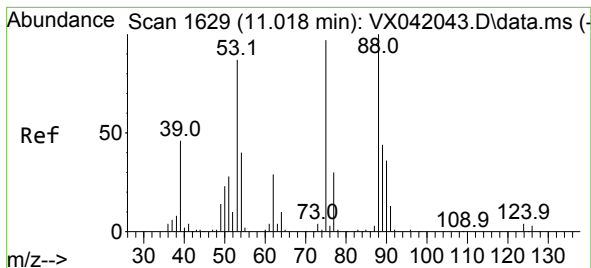
Tgt Ion: 91 Resp: 86977  
Ion Ratio Lower Upper  
91 100  
126 37.6 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 19.047 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Tgt Ion: 105 Resp: 108042  
Ion Ratio Lower Upper  
105 100  
120 50.7 24.1 72.3

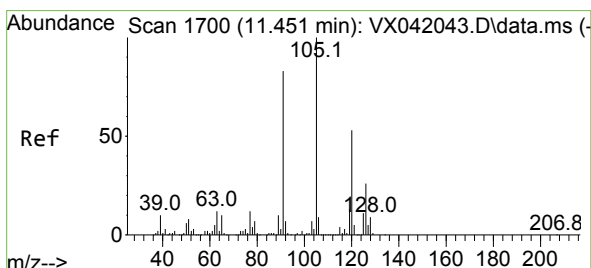
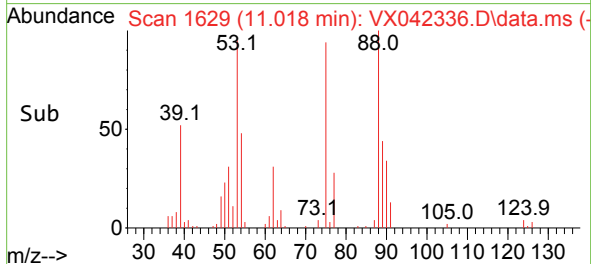
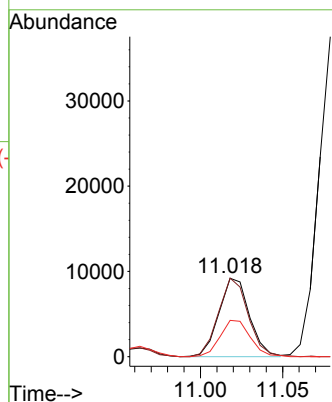
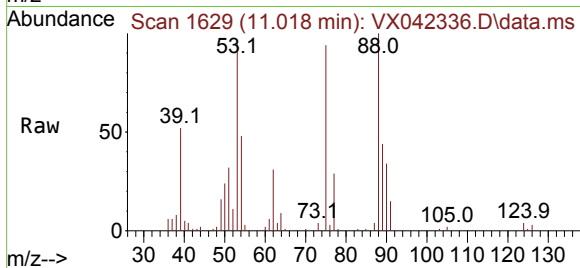




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.579 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

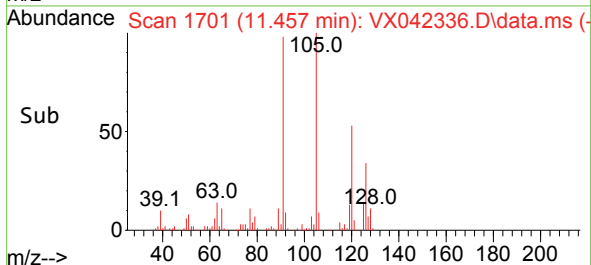
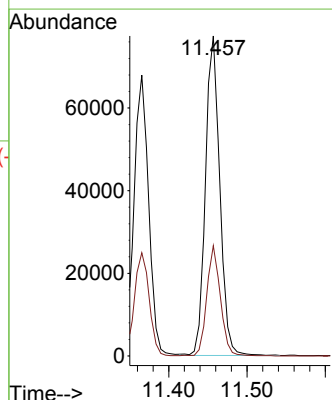
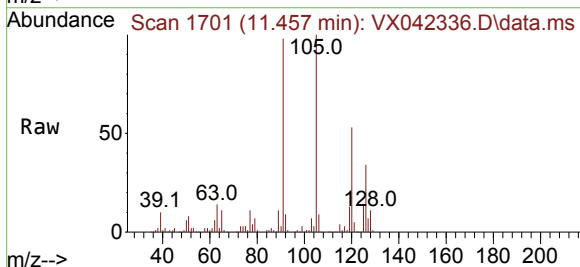
Instrument :  
MSVOA\_X  
ClientSampleId :

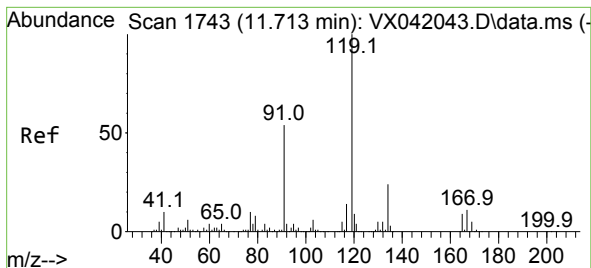
Tgt Ion: 75 Resp: 11870  
Ion Ratio Lower Upper  
75 100  
53 97.9 90.5 135.7  
89 46.0 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 18.627 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VX042336.D  
Acq: 16 Jul 2024 12:14

Tgt Ion: 91 Resp: 98032  
Ion Ratio Lower Upper  
91 100  
126 33.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.815 ug/l

RT: 11.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

ClientSampleId :

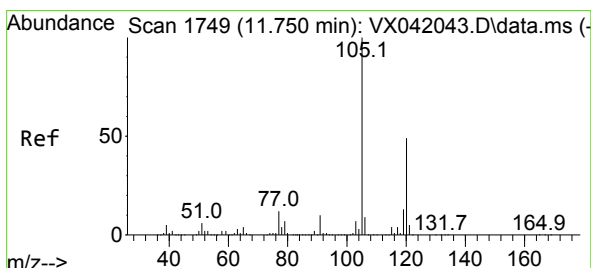
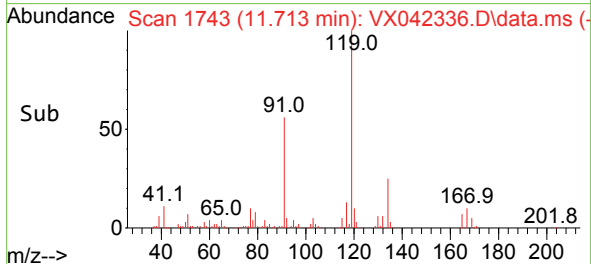
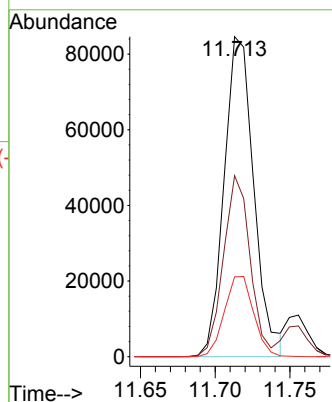
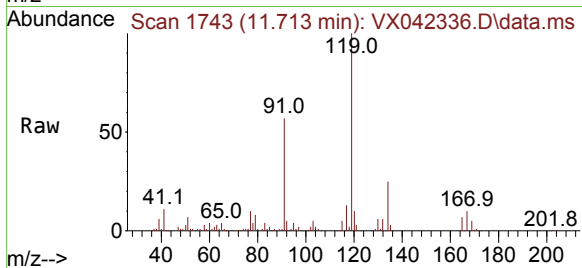
Tgt Ion:119 Resp: 117110

Ion Ratio Lower Upper

119 100

91 50.8 31.2 93.6

134 24.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 19.003 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX042336.D

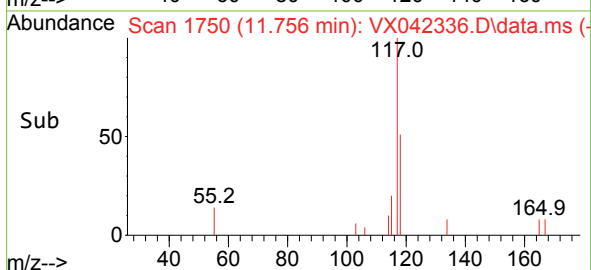
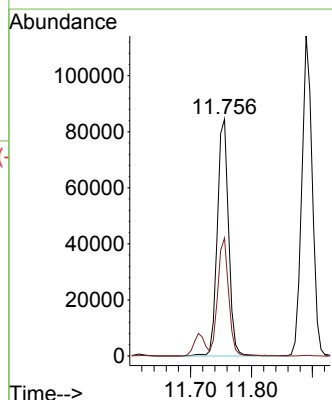
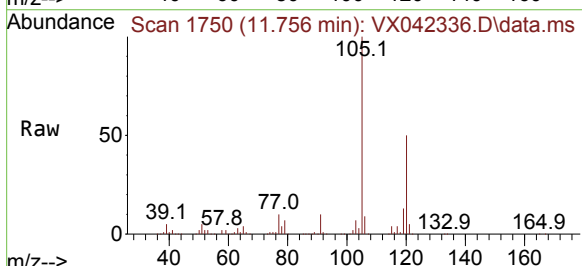
Acq: 16 Jul 2024 12:14

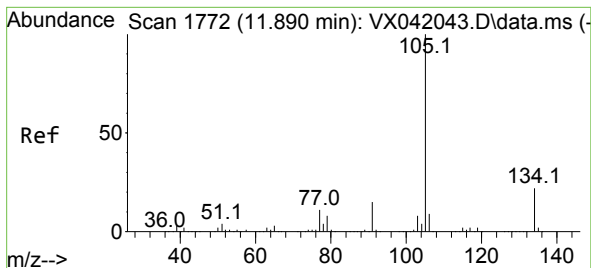
Tgt Ion:105 Resp: 108147

Ion Ratio Lower Upper

105 100

120 47.9 21.2 63.6





#85

sec-Butylbenzene

Concen: 19.261 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

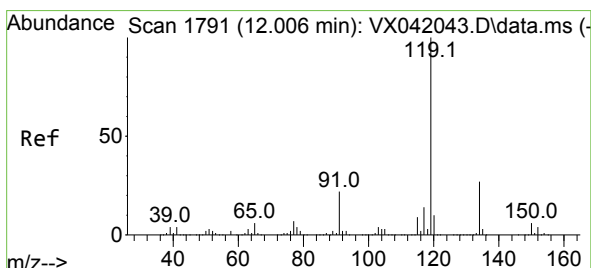
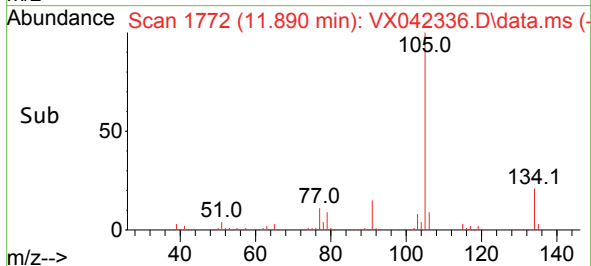
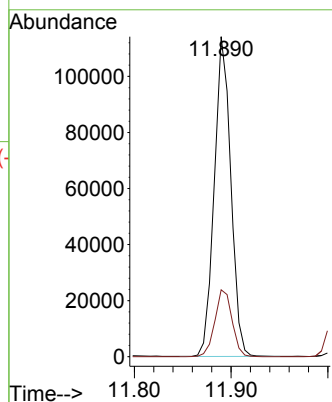
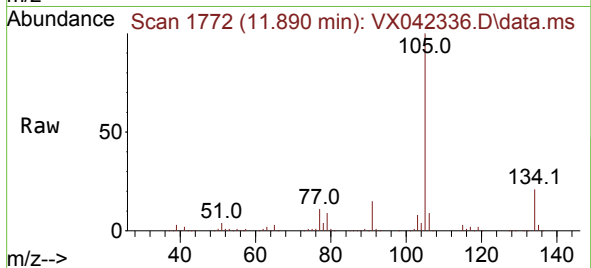
ClientSampleId :

Tgt Ion:105 Resp: 135596

Ion Ratio Lower Upper

105 100

134 21.7 9.8 29.4



#86

p-Isopropyltoluene

Concen: 19.120 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

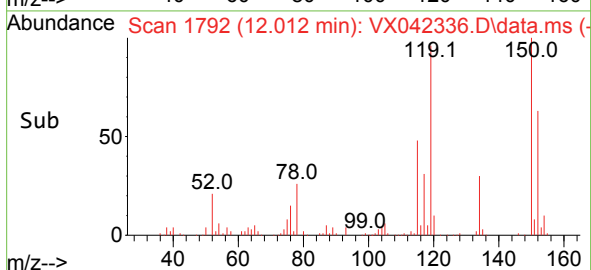
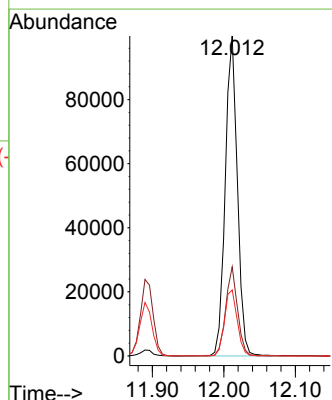
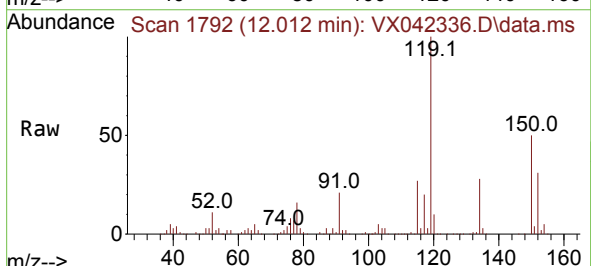
Tgt Ion:119 Resp: 117584

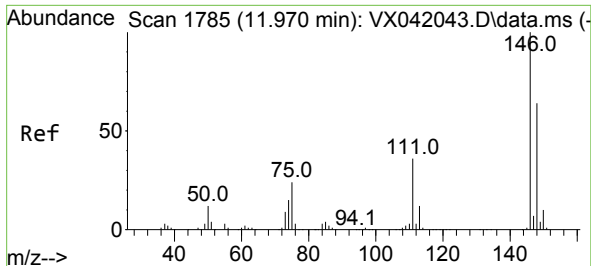
Ion Ratio Lower Upper

119 100

134 27.0 12.8 38.3

91 21.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.536 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

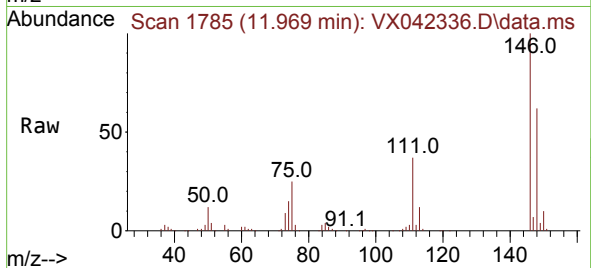
Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

ClientSampleId :



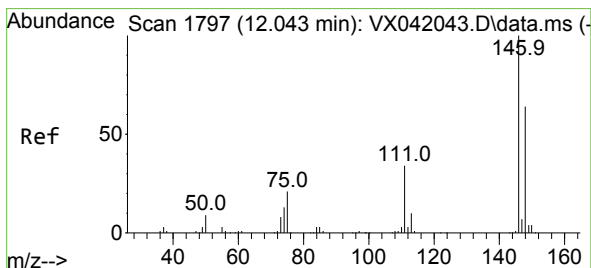
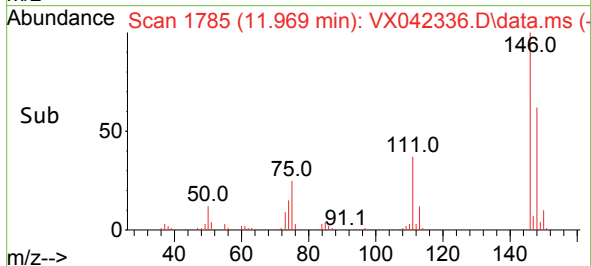
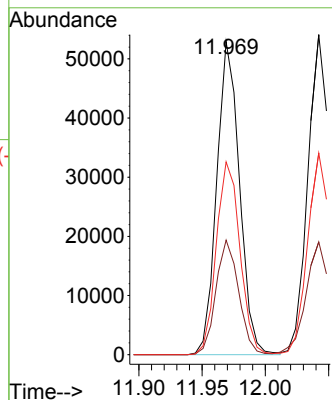
Tgt Ion:146 Resp: 66083

Ion Ratio Lower Upper

146 100

111 36.7 22.1 66.1

148 64.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 18.450 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

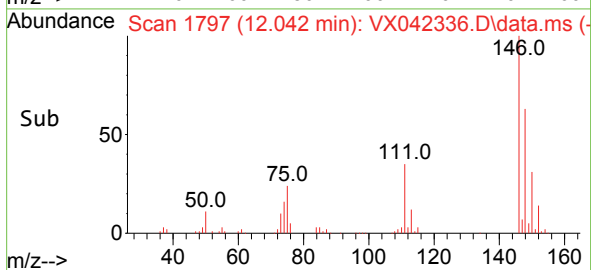
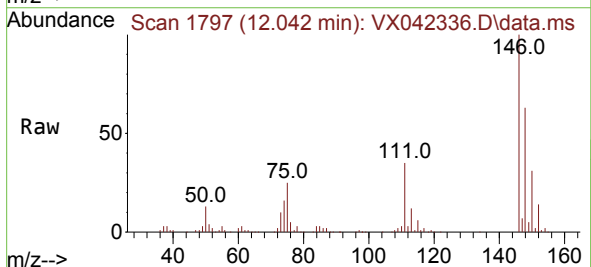
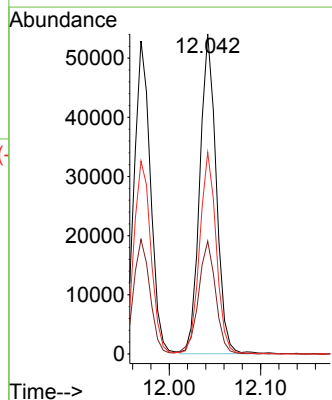
Tgt Ion:146 Resp: 67487

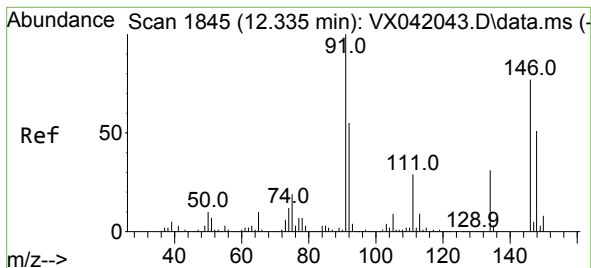
Ion Ratio Lower Upper

146 100

111 37.1 21.3 63.7

148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 18.906 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

ClientSampleId :

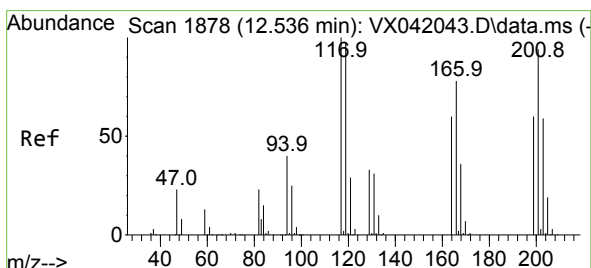
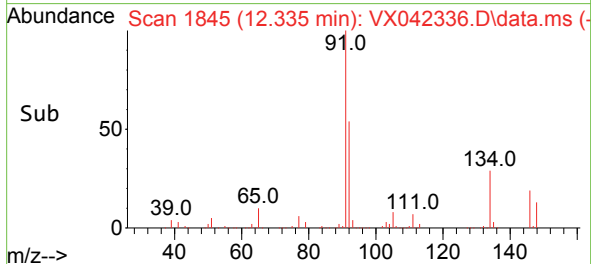
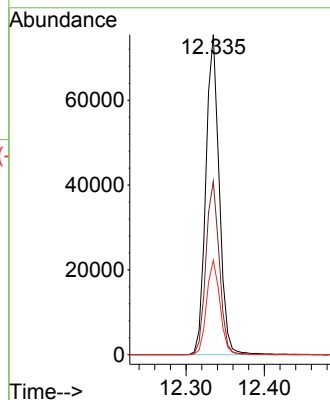
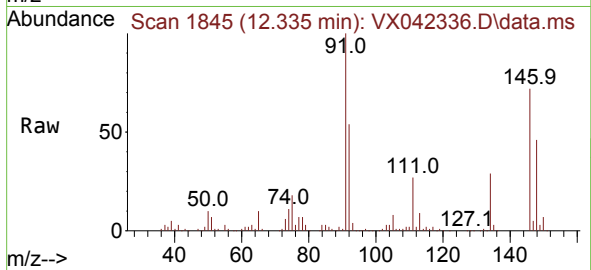
Tgt Ion: 91 Resp: 89498

Ion Ratio Lower Upper

91 100

92 53.9 27.4 82.0

134 29.4 12.6 37.8



#90

Hexachloroethane

Concen: 17.711 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX042336.D

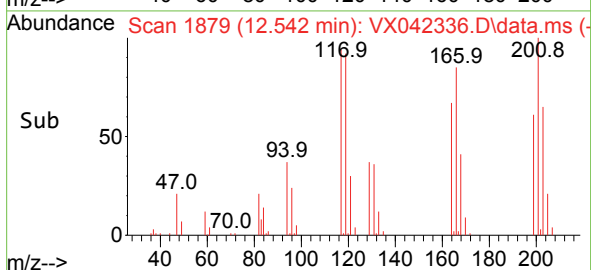
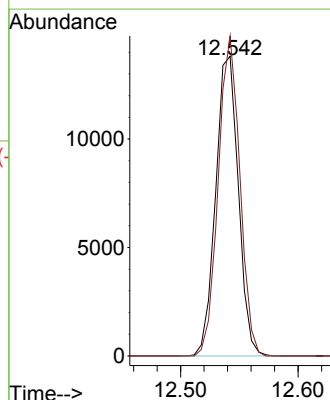
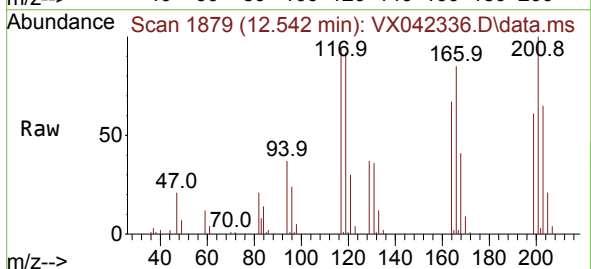
Acq: 16 Jul 2024 12:14

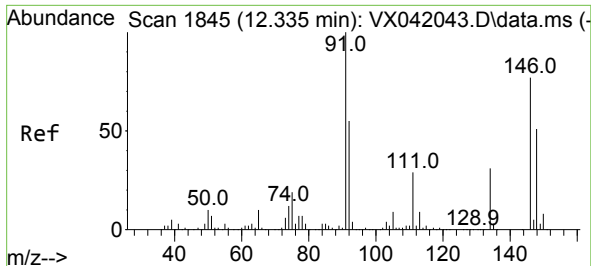
Tgt Ion: 117 Resp: 18544

Ion Ratio Lower Upper

117 100

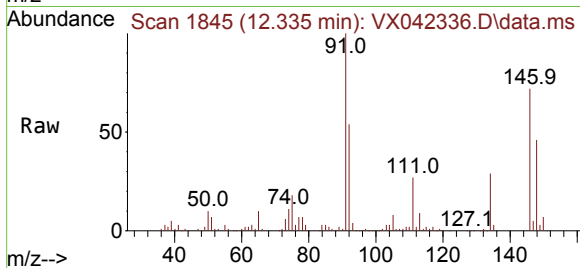
201 101.6 32.9 98.6#



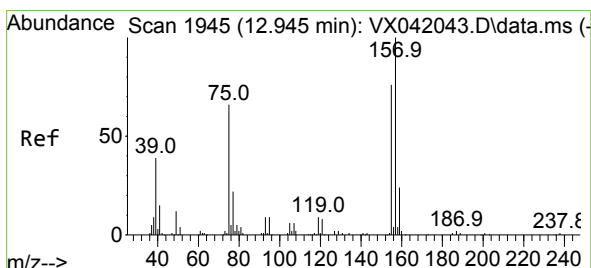
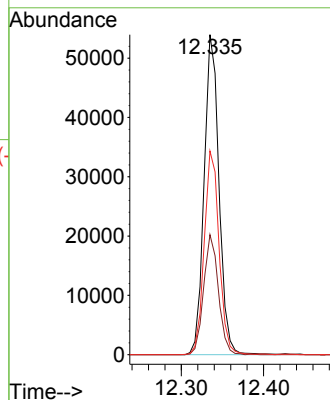
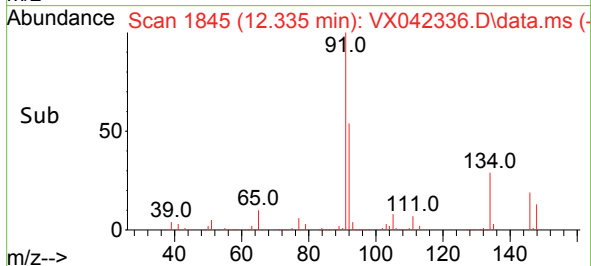


#91  
 1,2-Dichlorobenzene  
 Concen: 18.590 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. -0.000 min  
 Lab File: VX042336.D  
 Acq: 16 Jul 2024 12:14

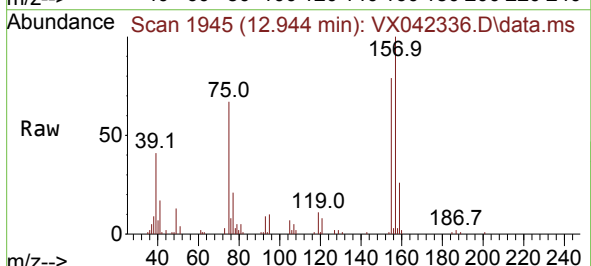
Instrument :  
 MSVOA\_X  
 ClientSampleId :



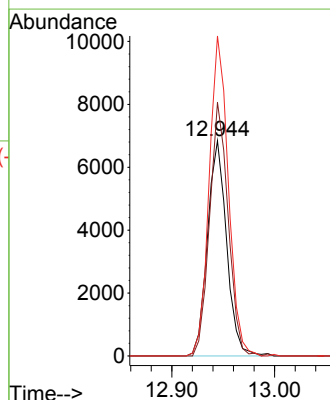
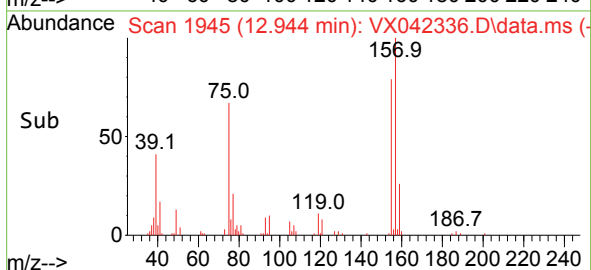
Tgt Ion:146 Resp: 67817  
 Ion Ratio Lower Upper  
 146 100  
 111 37.3 22.4 67.0  
 148 63.6 31.6 95.0

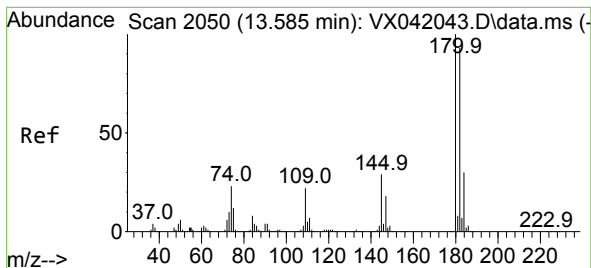


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.686 ug/l  
 RT: 12.944 min Scan# 1945  
 Delta R.T. -0.000 min  
 Lab File: VX042336.D  
 Acq: 16 Jul 2024 12:14



Tgt Ion: 75 Resp: 8875  
 Ion Ratio Lower Upper  
 75 100  
 155 114.1 36.1 108.5#  
 157 147.7 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 18.566 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX042336.D

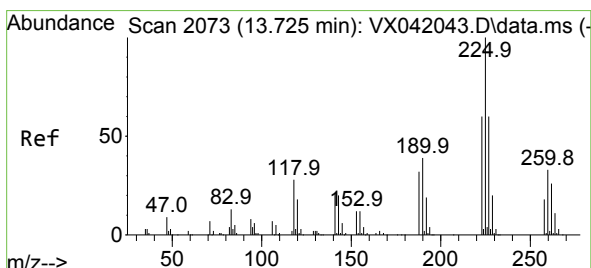
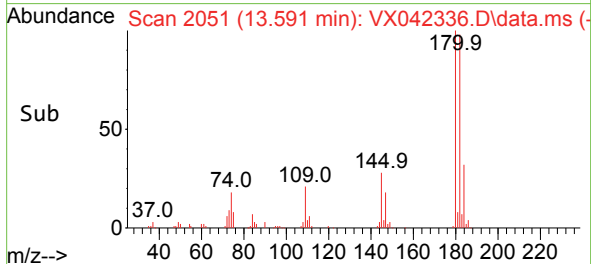
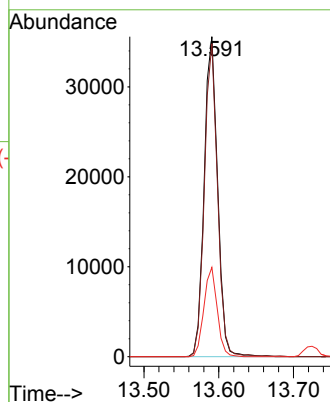
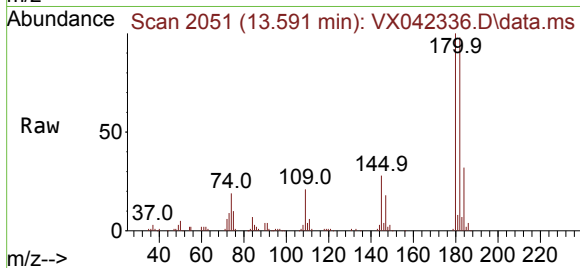
Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 44369      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 96.0  | 48.3 144.8 |
| 145         | 27.5  | 18.0 54.0  |



#94

Hexachlorobutadiene

Concen: 19.811 ug/l

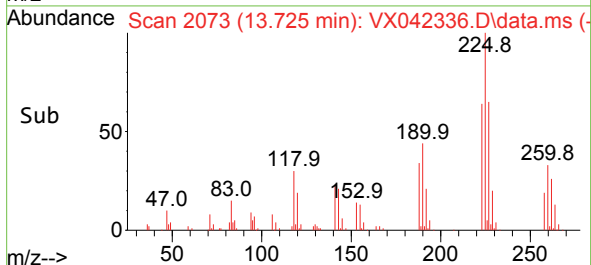
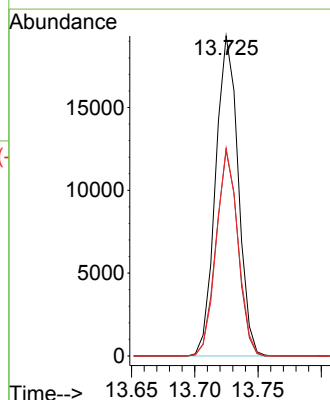
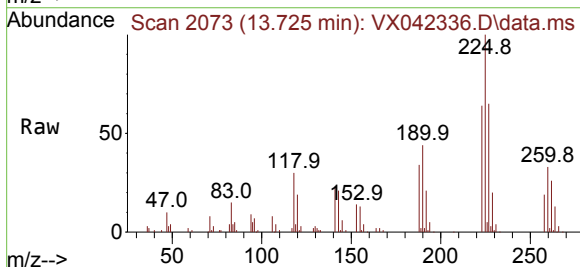
RT: 13.725 min Scan# 2073

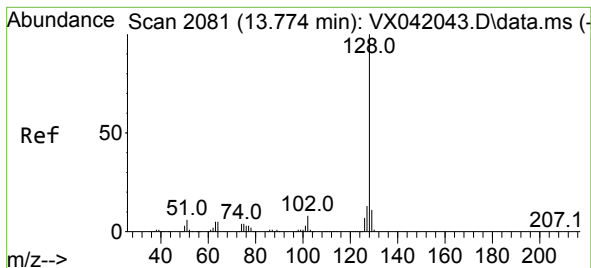
Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 23940     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.0  | 31.1 93.2 |
| 227         | 62.2  | 32.5 97.5 |





#95

Naphthalene

Concen: 17.344 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Instrument :

MSVOA\_X

ClientSampleId :

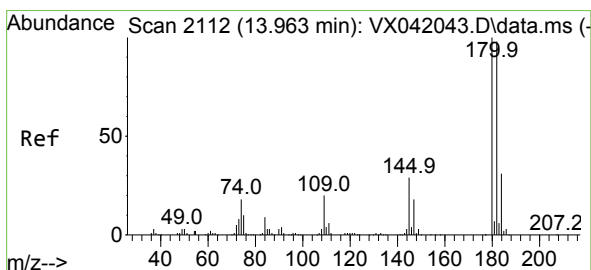
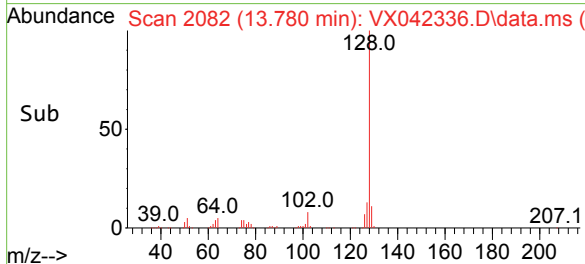
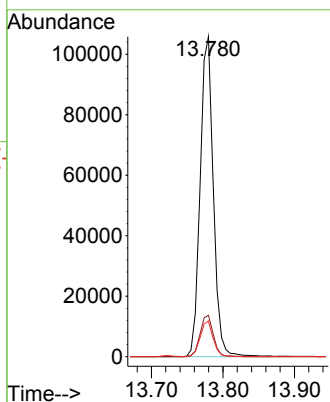
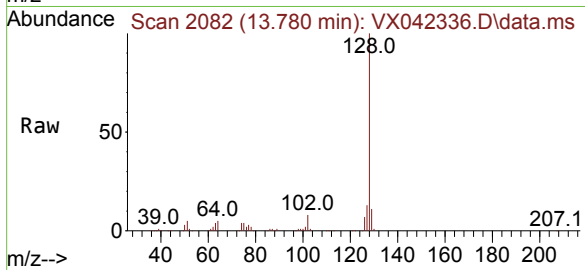
Tgt Ion:128 Resp: 135297

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.659 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX042336.D

Acq: 16 Jul 2024 12:14

Tgt Ion:180 Resp: 47029

Ion Ratio Lower Upper

180 100

182 94.9 46.9 140.6

145 28.9 17.8 53.5

