

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081424\  
 Data File : VX043032.D  
 Acq On : 14 Aug 2024 15:29  
 Operator : JC/MD  
 Sample : VX0814WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 15 04:33:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081424W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 15 04:22:11 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 128123   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 227320   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 194597   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 90142    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 80182    | 47.627   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 95.260% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 68696    | 48.849   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 97.700% |
| 50) Toluene-d8              | 8.647  | 98    | 265772   | 48.958   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 97.920% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 90938    | 46.199   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 92.400% |

|                              |       |     |        |         |      |        |
|------------------------------|-------|-----|--------|---------|------|--------|
| Target Compounds             |       |     |        |         |      | Qvalue |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 26038  | 20.101  | ug/l | 99     |
| 3) Chloromethane             | 1.300 | 50  | 37426  | 19.518  | ug/l | 100    |
| 4) Vinyl Chloride            | 1.374 | 62  | 37558  | 19.501  | ug/l | 100    |
| 5) Bromomethane              | 1.593 | 94  | 12173  | 20.859  | ug/l | 96     |
| 6) Chloroethane              | 1.666 | 64  | 13519  | 22.271  | ug/l | 97     |
| 7) Trichlorofluoromethane    | 1.867 | 101 | 43545  | 21.624  | ug/l | 98     |
| 8) Diethyl Ether             | 2.136 | 74  | 18226  | 19.565  | ug/l | 92     |
| 9) 1,1,2-Trichlorotrifluo... | 2.319 | 101 | 27904  | 19.376  | ug/l | 98     |
| 10) Methyl Iodide            | 2.441 | 142 | 29096  | 18.060  | ug/l | # 86   |
| 11) Tert butyl alcohol       | 2.995 | 59  | 37073  | 85.349  | ug/l | # 87   |
| 12) 1,1-Dichloroethene       | 2.306 | 96  | 29325  | 18.976  | ug/l | 85     |
| 13) Acrolein                 | 2.239 | 56  | 39504  | 89.960  | ug/l | 98     |
| 14) Allyl chloride           | 2.654 | 41  | 53009  | 18.301  | ug/l | 90     |
| 15) Acrylonitrile            | 3.068 | 53  | 101950 | 94.761  | ug/l | 97     |
| 16) Acetone                  | 2.392 | 43  | 84128  | 100.751 | ug/l | # 86   |
| 17) Carbon Disulfide         | 2.501 | 76  | 82692  | 18.659  | ug/l | 100    |
| 18) Methyl Acetate           | 2.709 | 43  | 52367  | 18.978  | ug/l | 99     |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 97332  | 18.688  | ug/l | 97     |
| 20) Methylene Chloride       | 2.782 | 84  | 34108  | 17.664  | ug/l | 94     |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 29730  | 18.447  | ug/l | 89     |
| 22) Diisopropyl ether        | 3.770 | 45  | 109855 | 18.573  | ug/l | 88     |
| 23) Vinyl Acetate            | 3.721 | 43  | 648175 | 94.003  | ug/l | 99     |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 56018  | 18.779  | ug/l | 96     |
| 25) 2-Butanone               | 4.568 | 43  | 140855 | 96.227  | ug/l | 97     |
| 26) 2,2-Dichloropropane      | 4.471 | 77  | 45423  | 19.114  | ug/l | 94     |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 35737  | 18.370  | ug/l | 92     |
| 28) Bromochloromethane       | 4.897 | 49  | 25150  | 18.636  | ug/l | 100    |
| 29) Tetrahydrofuran          | 5.013 | 42  | 95299  | 93.933  | ug/l | 99     |
| 30) Chloroform               | 5.092 | 83  | 52578  | 18.348  | ug/l | 96     |
| 31) Cyclohexane              | 5.464 | 56  | 52107  | 18.572  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane    | 5.379 | 97  | 45489  | 19.015  | ug/l | 98     |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 38155  | 19.530  | ug/l | 98     |
| 37) Ethyl Acetate            | 4.721 | 43  | 54915  | 19.954  | ug/l | 99     |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 38414  | 19.445  | ug/l | 97     |
| 39) Methylcyclohexane        | 7.379 | 83  | 53028  | 19.605  | ug/l | 92     |
| 40) Benzene                  | 6.031 | 78  | 124919 | 18.768  | ug/l | 99     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081424\  
 Data File : VX043032.D  
 Acq On : 14 Aug 2024 15:29  
 Operator : JC/MD  
 Sample : VX0814WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 15 04:33:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081424W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 15 04:22:11 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 29205    | 20.135  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 37382    | 19.309  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 85132    | 19.172  | ug/l   | 98       |
| 44) Trichloroethene           | 7.129  | 130  | 29508    | 19.578  | ug/l   | 88       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 32041    | 19.562  | ug/l   | 95       |
| 46) Dibromomethane            | 7.580  | 93   | 21296    | 19.015  | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.824  | 83   | 41360    | 19.021  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.696  | 41   | 38440    | 18.417  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 7.671  | 88   | 17586    | 405.598 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 273844   | 97.040  | ug/l   | 98       |
| 52) Toluene                   | 8.720  | 92   | 77159    | 19.191  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 44024    | 18.539  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 48958    | 18.745  | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 29902    | 18.935  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 55081    | 19.261  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 51555    | 19.263  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 120550   | 89.833  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 212519   | 98.000  | ug/l   | 95       |
| 60) Dibromochloromethane      | 9.518  | 129  | 31785    | 19.088  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 30473    | 19.135  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 25322    | 20.163  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 82313    | 19.606  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 27403    | 19.371  | ug/l   | 97       |
| 67) Ethyl Benzene             | 10.195 | 91   | 143150   | 19.621  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 111208   | 39.640  | ug/l   | 94       |
| 69) o-Xylene                  | 10.640 | 106  | 55194    | 19.584  | ug/l   | 94       |
| 70) Styrene                   | 10.659 | 104  | 91660    | 19.398  | ug/l   | 95       |
| 71) Bromoform                 | 10.799 | 173  | 22219    | 18.912  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.963 | 105  | 138762   | 20.180  | ug/l   | 97       |
| 74) N-amyl acetate            | 10.841 | 43   | 73283    | 18.711  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 49836    | 18.829  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 53573    | 25.932  | ug/l   | 93       |
| 77) Bromobenzene              | 11.195 | 156  | 32739    | 19.819  | ug/l   | 94       |
| 78) n-propylbenzene           | 11.305 | 91   | 157712   | 20.125  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 93623    | 19.196  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 112746   | 19.904  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 17277    | 18.241  | ug/l # | 80       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 106005   | 19.505  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 115899   | 19.769  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 111872   | 19.576  | ug/l   | 94       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 145154   | 20.397  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 117269   | 20.169  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 58278    | 19.620  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 59657    | 19.630  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 99012    | 19.672  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 22242    | 19.046  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 59791    | 19.965  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 10087    | 19.481  | ug/l   | 79       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 33158    | 19.671  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 13112    | 20.845  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 128427   | 19.291  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 34072    | 19.762  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081424\  
Data File : VX043032.D  
Acq On : 14 Aug 2024 15:29  
Operator : JC/MD  
Sample : VX0814WBS01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 13 Sample Multiplier: 1

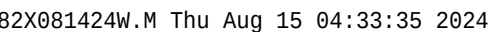
Instrument :  
MSVOA\_X  
ClientSampleId :

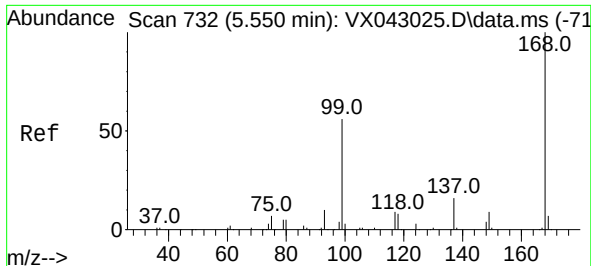
Quant Time: Aug 15 04:33:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081424W.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 15 04:22:11 2024  
Response via : Initial Calibration

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

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

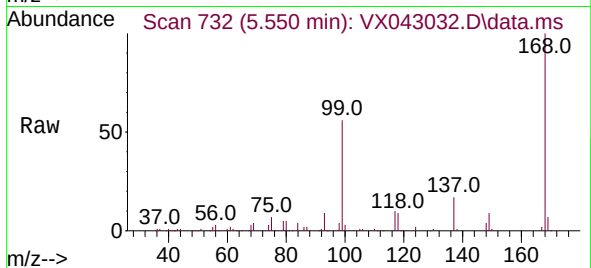
Quant Time: Aug 15 04:33:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSV0A\_X\Method\82X081424W.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 15 04:22:11 2024  
Response via : Initial Calibration



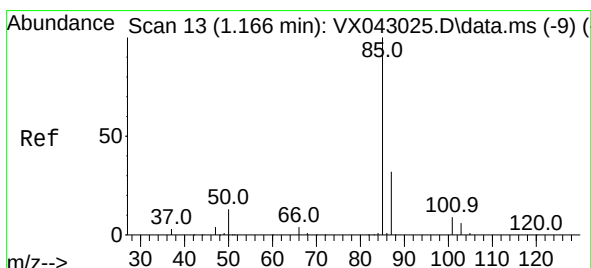
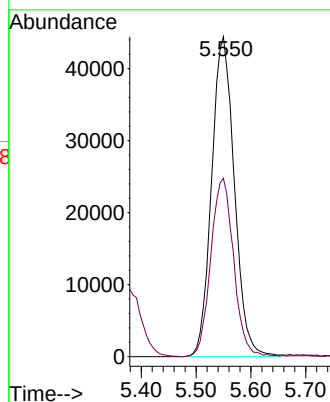
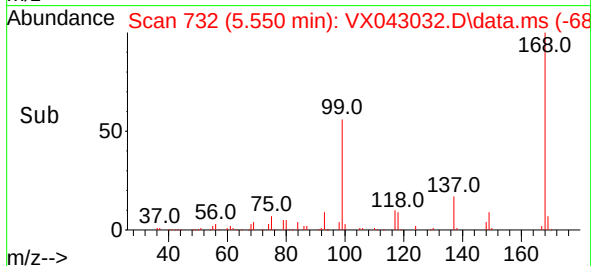


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :

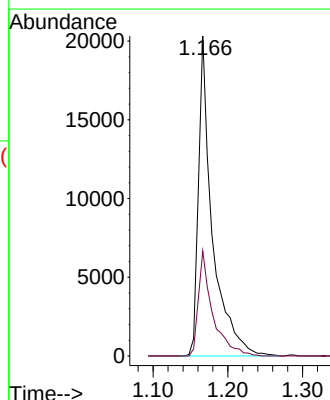
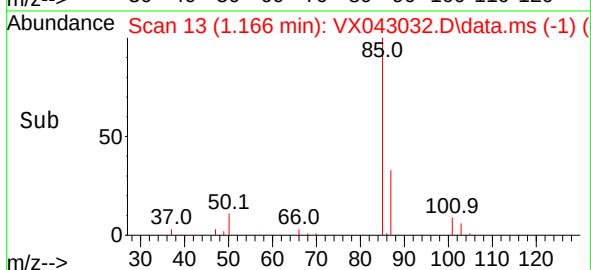
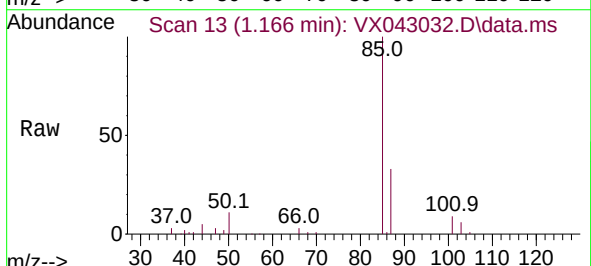


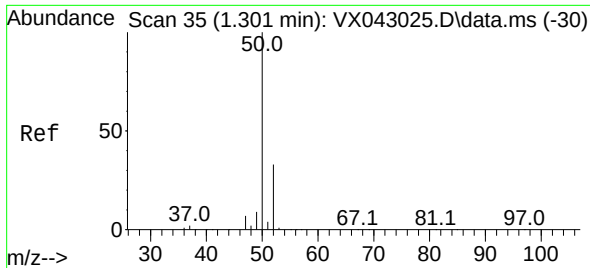
Tgt Ion:168 Resp: 128123  
Ion Ratio Lower Upper  
168 100  
99 55.8 56.6 85.0#



#2  
Dichlorodifluoromethane  
Concen: 20.101 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Tgt Ion: 85 Resp: 26038  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.7 50.1

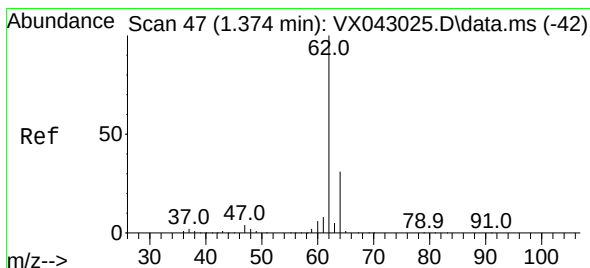
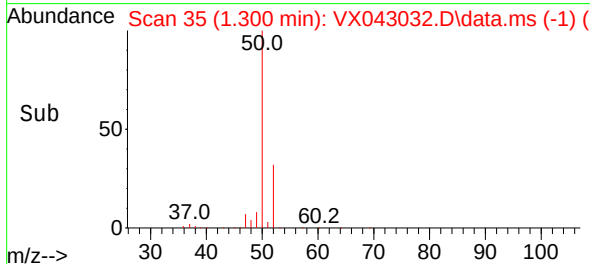
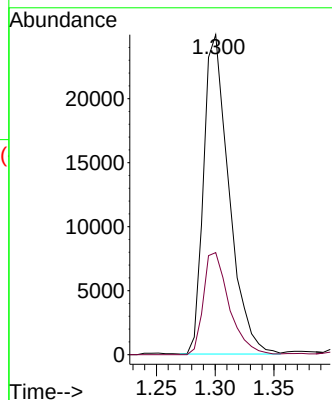
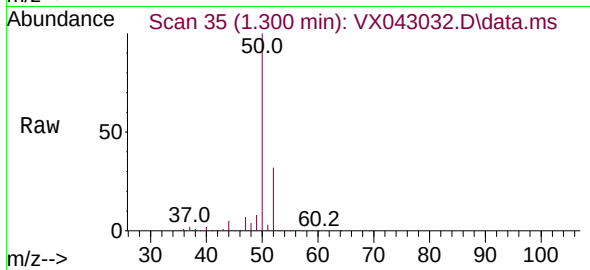




#3  
Chloromethane  
Concen: 19.518 ug/l  
RT: 1.300 min Scan# 35  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

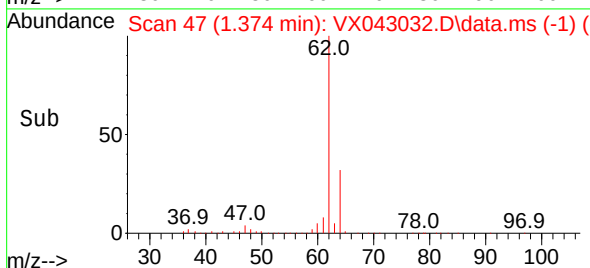
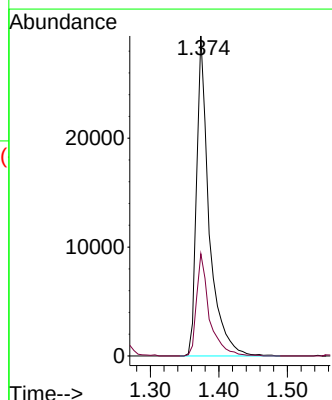
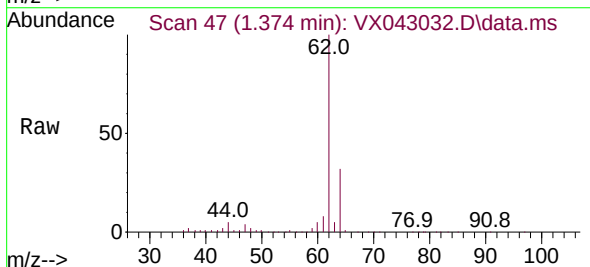
Instrument :  
MSVOA\_X  
ClientSampleId :

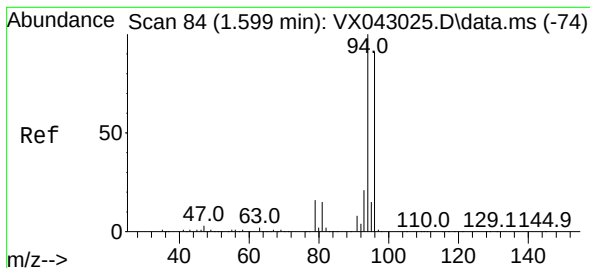
Tgt Ion: 50 Resp: 37426  
Ion Ratio Lower Upper  
50 100  
52 32.0 25.5 38.3



#4  
Vinyl Chloride  
Concen: 19.501 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Tgt Ion: 62 Resp: 37558  
Ion Ratio Lower Upper  
62 100  
64 32.0 25.4 38.0





#5

Bromomethane

Concen: 20.859 ug/l

RT: 1.593 min Scan# 84

Delta R.T. -0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

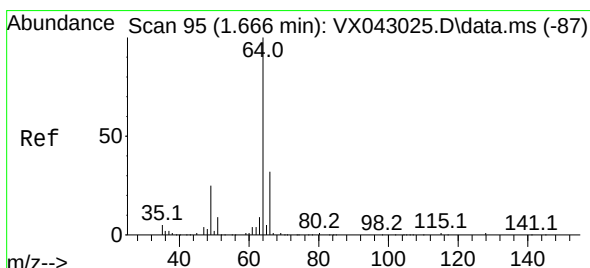
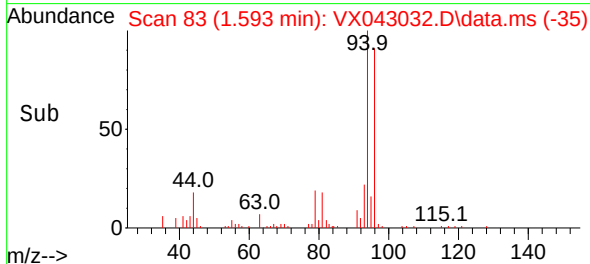
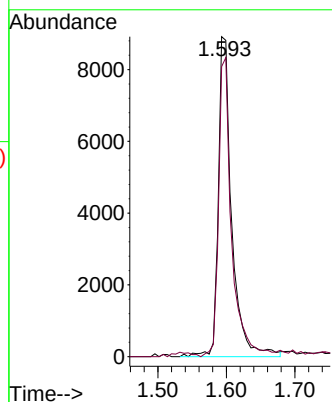
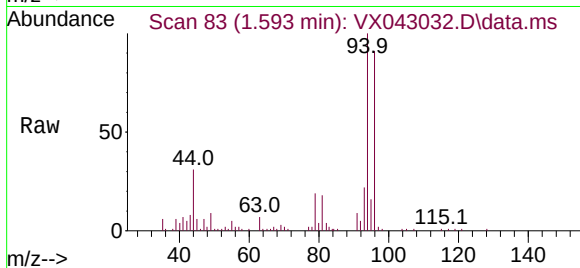
ClientSampleId :

Tgt Ion: 94 Resp: 12173

Ion Ratio Lower Upper

94 100

96 89.3 74.6 111.8



#6

Chloroethane

Concen: 22.271 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX043032.D

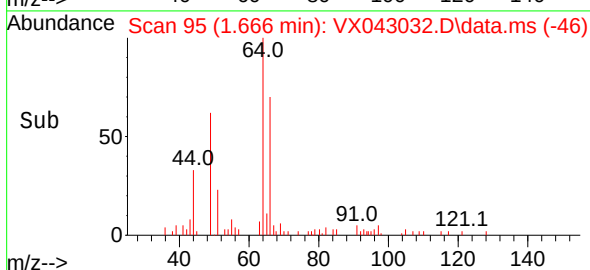
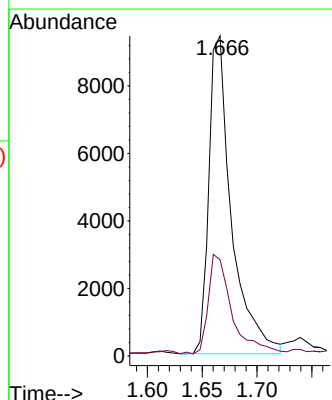
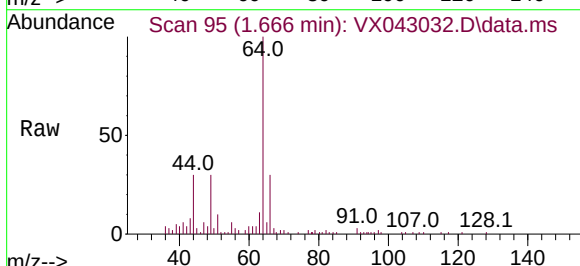
Acq: 14 Aug 2024 15:29

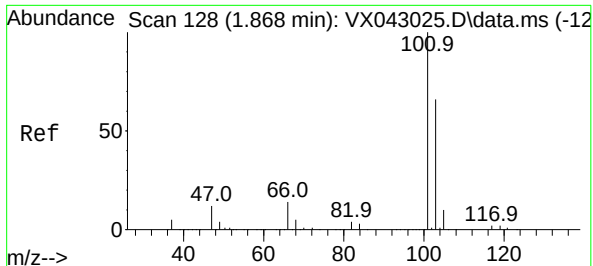
Tgt Ion: 64 Resp: 13519

Ion Ratio Lower Upper

64 100

66 29.6 25.1 37.7

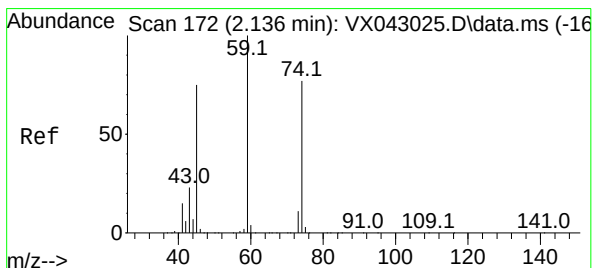
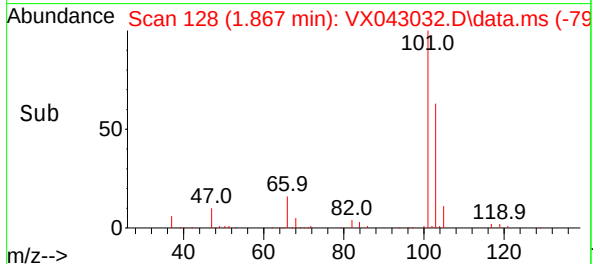
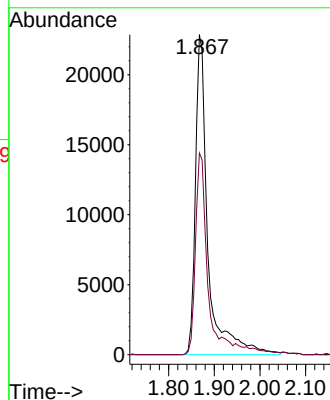
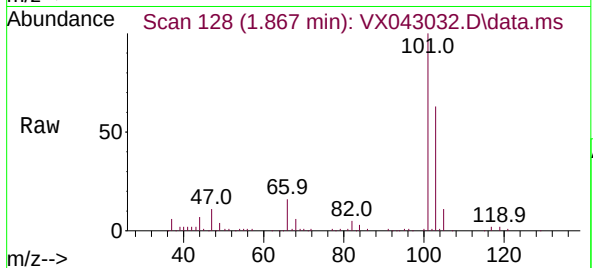




#7  
 Trichlorofluoromethane  
 Concen: 21.624 ug/l  
 RT: 1.867 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX043032.D  
 Acq: 14 Aug 2024 15:29

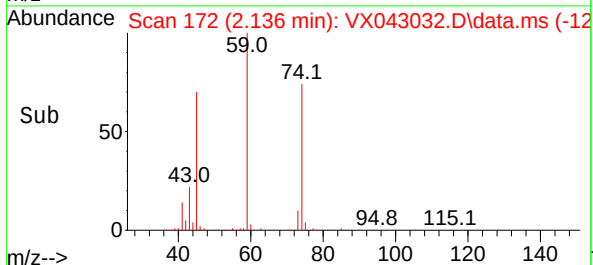
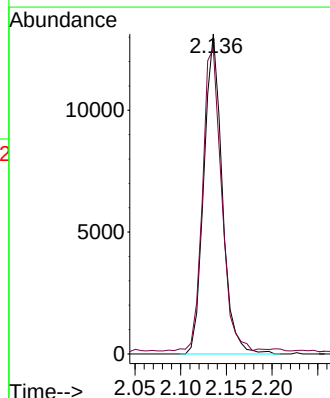
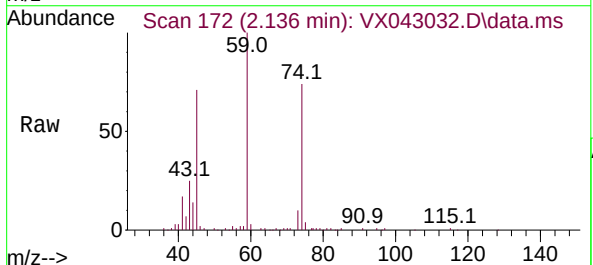
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion:101 Resp: 43545  
 Ion Ratio Lower Upper  
 101 100  
 103 63.0 51.4 77.2

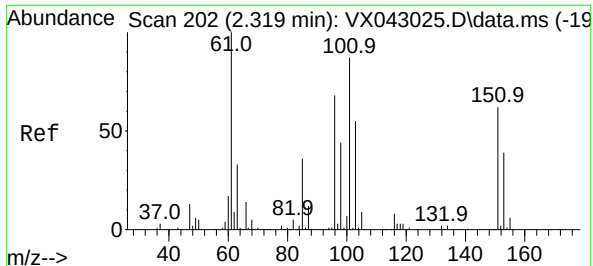


#8  
 Diethyl Ether  
 Concen: 19.565 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX043032.D  
 Acq: 14 Aug 2024 15:29

Tgt Ion: 74 Resp: 18226  
 Ion Ratio Lower Upper  
 74 100  
 45 98.0 53.3 159.8



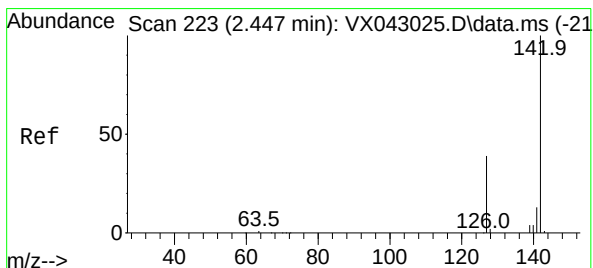
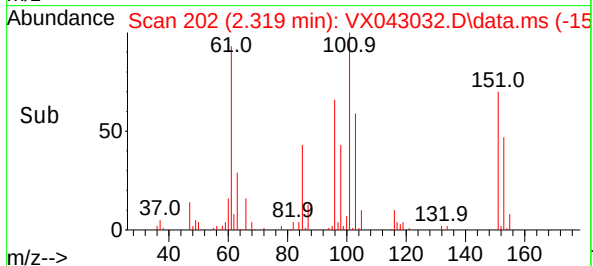
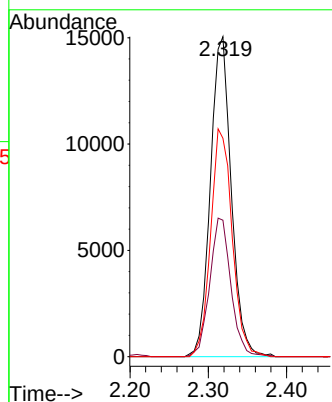
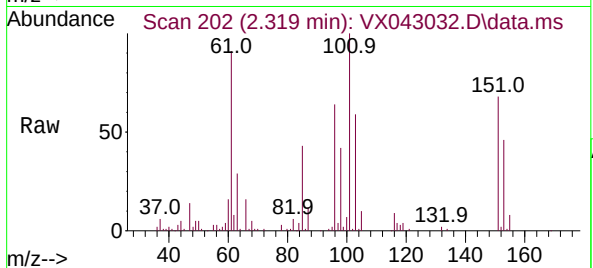




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.376 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

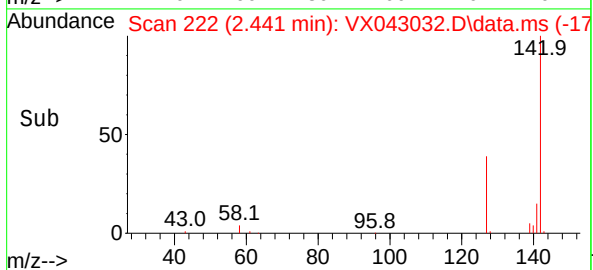
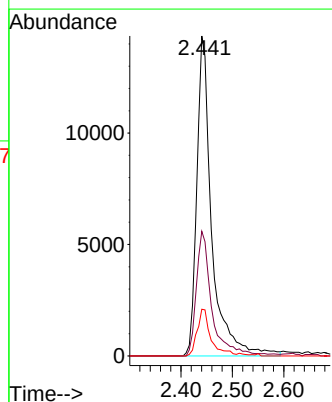
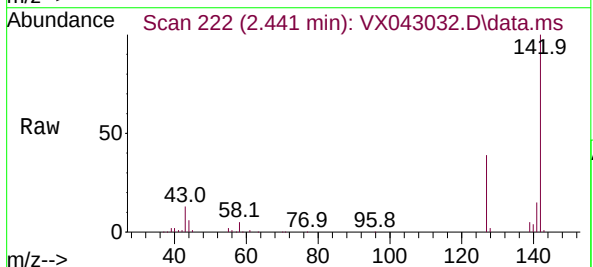
Instrument :  
MSVOA\_X  
ClientSampleId :

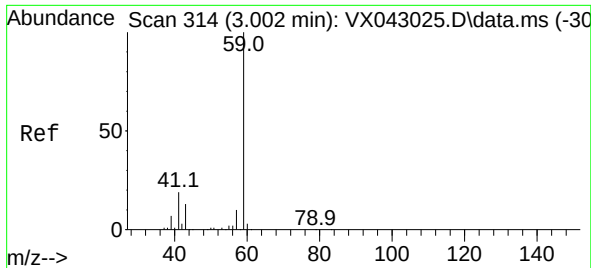
Tgt Ion:101 Resp: 27904  
Ion Ratio Lower Upper  
101 100  
85 43.9 37.0 55.6  
151 73.4 58.6 87.8



#10  
Methyl Iodide  
Concen: 18.060 ug/l  
RT: 2.441 min Scan# 222  
Delta R.T. -0.006 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Tgt Ion:142 Resp: 29096  
Ion Ratio Lower Upper  
142 100  
127 40.3 41.6 62.4#  
141 13.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 85.349 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

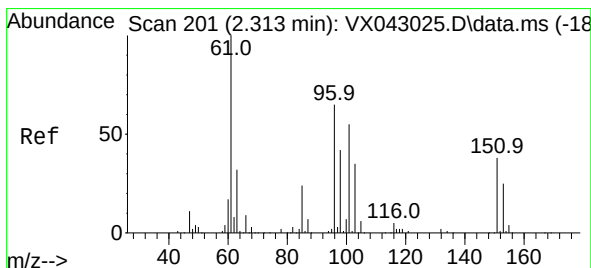
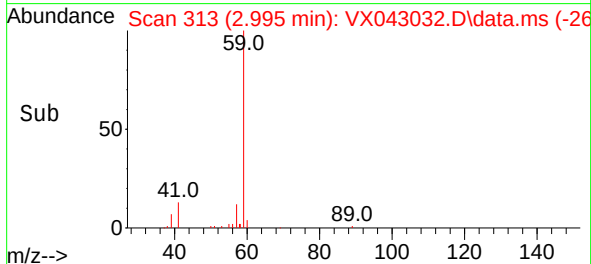
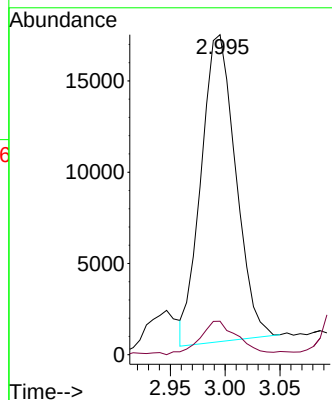
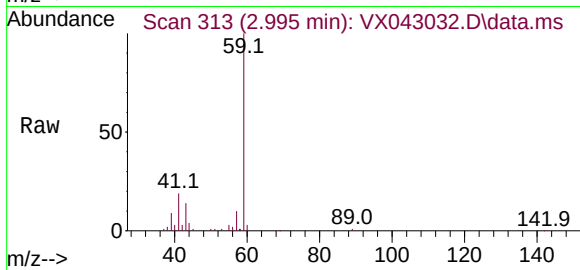
ClientSampleId :

Tgt Ion: 59 Resp: 37073

Ion Ratio Lower Upper

59 100

57 11.9 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 18.976 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

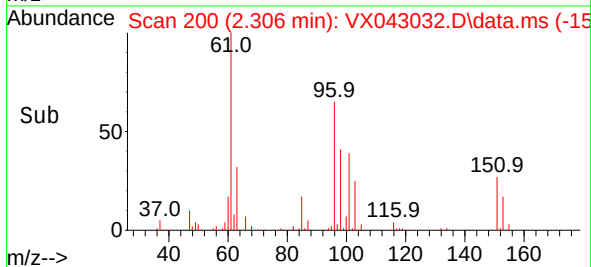
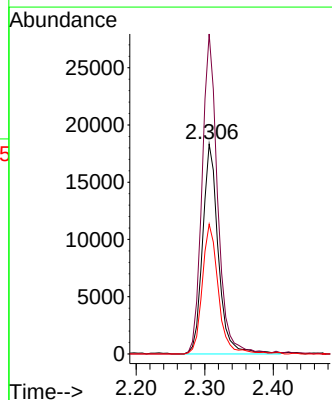
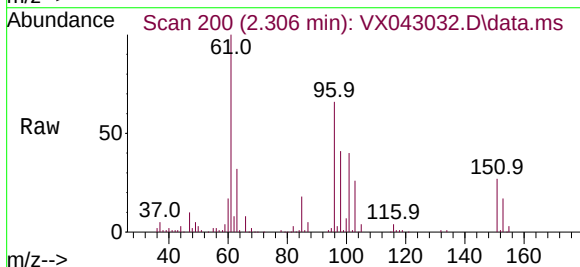
Tgt Ion: 96 Resp: 29325

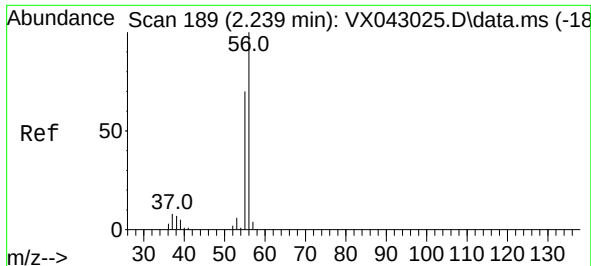
Ion Ratio Lower Upper

96 100

61 152.4 144.6 216.8

98 61.8 50.4 75.6





#13

Acrolein

Concen: 89.960 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

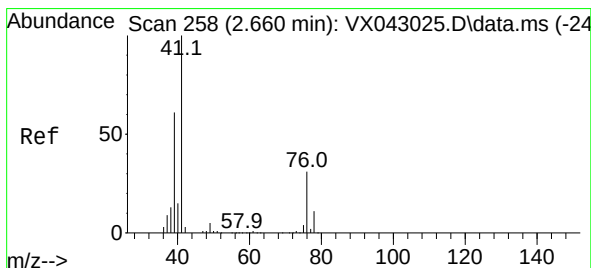
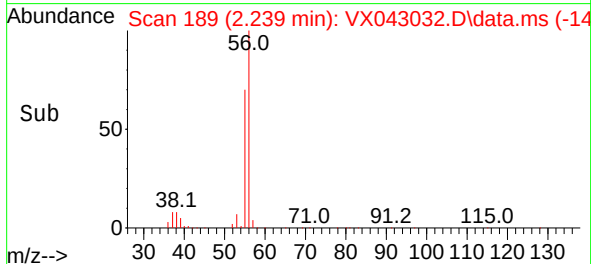
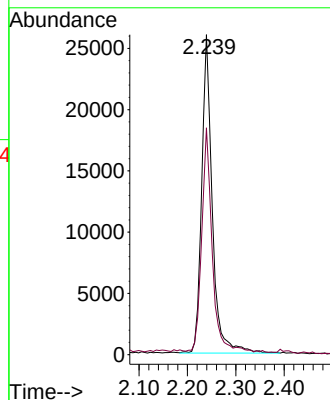
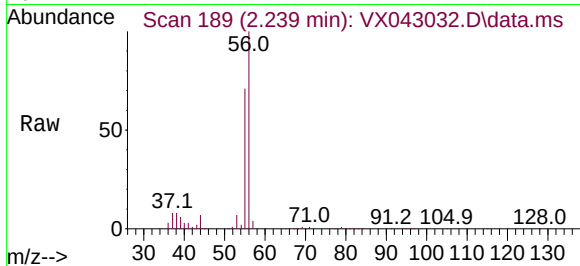
ClientSampleId :

Tgt Ion: 56 Resp: 39504

Ion Ratio Lower Upper

56 100

55 70.0 57.1 85.7



#14

Allyl chloride

Concen: 18.301 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

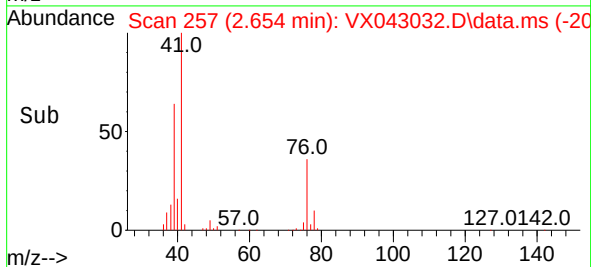
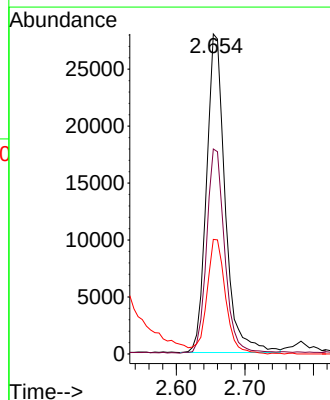
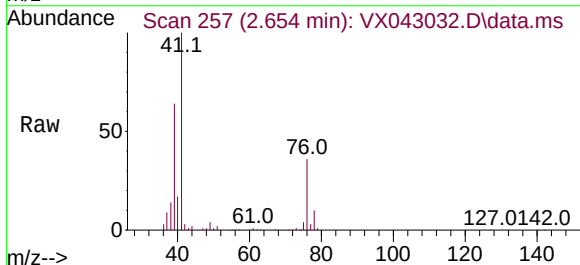
Tgt Ion: 41 Resp: 53009

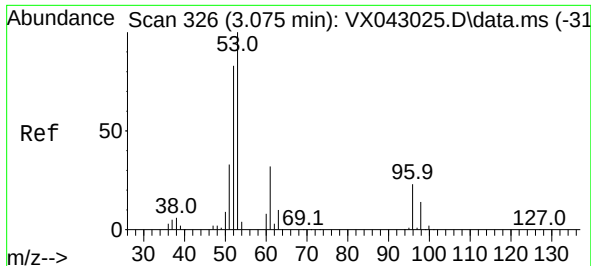
Ion Ratio Lower Upper

41 100

39 62.0 55.8 83.6

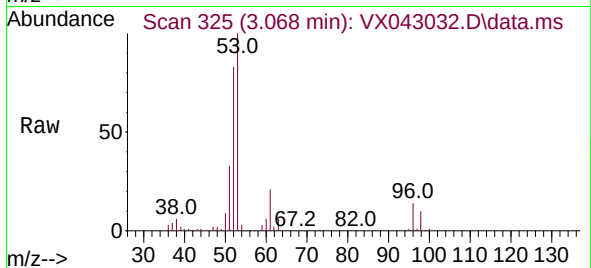
76 36.1 24.3 36.5



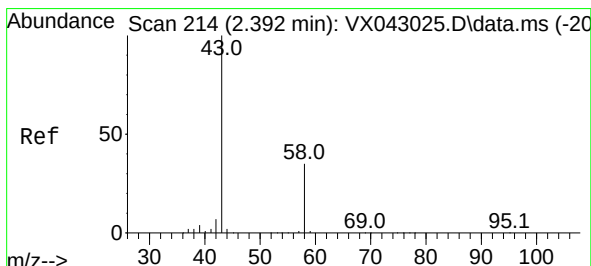
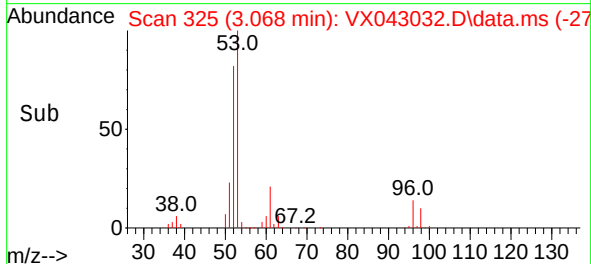
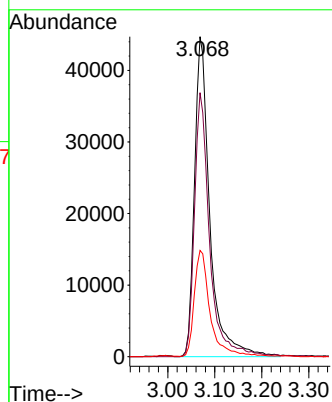


#15  
Acrylonitrile  
Concen: 94.761 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :

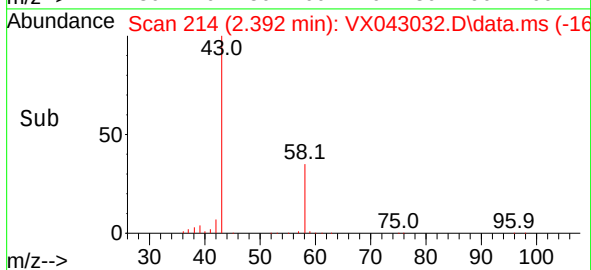
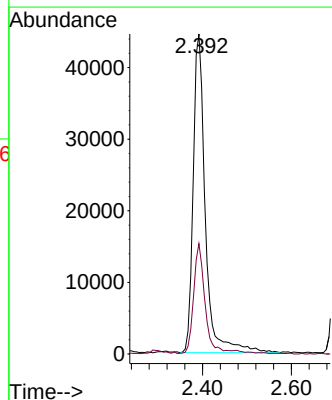
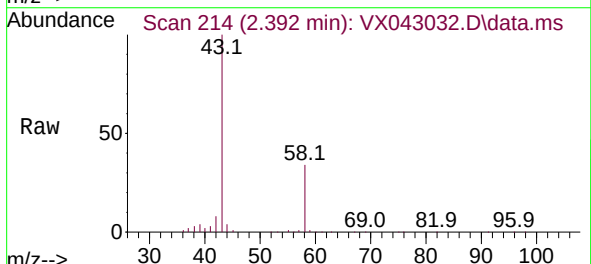


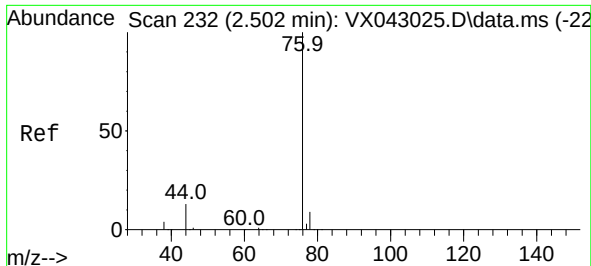
Tgt Ion: 53 Resp: 101950  
Ion Ratio Lower Upper  
53 100  
52 81.0 66.0 99.0  
51 33.8 29.8 44.6



#16  
Acetone  
Concen: 100.751 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Tgt Ion: 43 Resp: 84128  
Ion Ratio Lower Upper  
43 100  
58 34.4 21.9 32.9#





#17

Carbon Disulfide

Concen: 18.659 ug/l

RT: 2.501 min Scan# 24

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

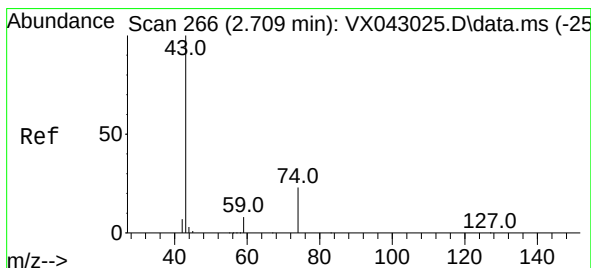
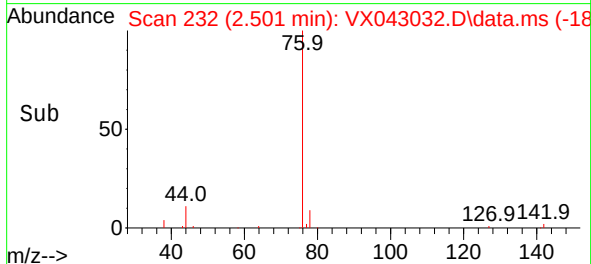
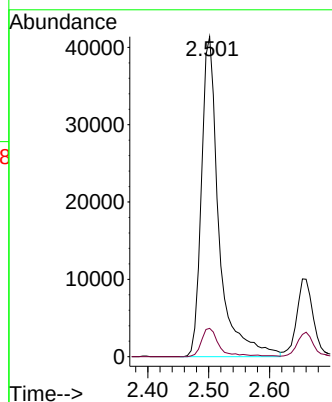
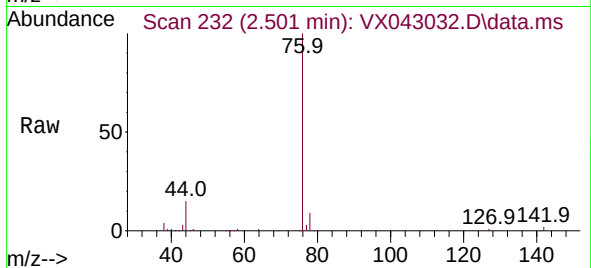
ClientSampleId :

Tgt Ion: 76 Resp: 82692

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 18.978 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX043032.D

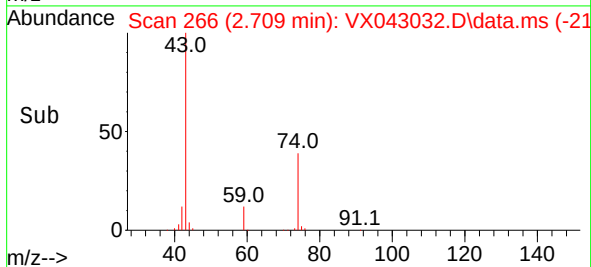
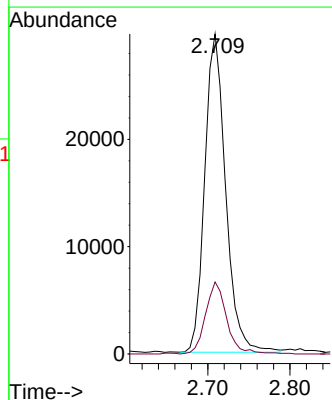
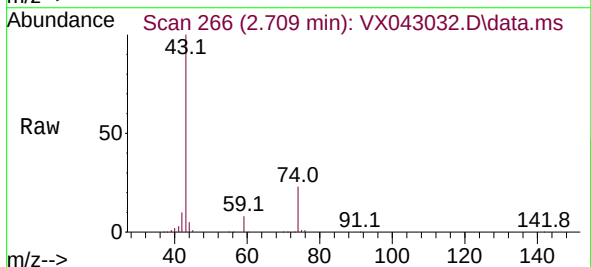
Acq: 14 Aug 2024 15:29

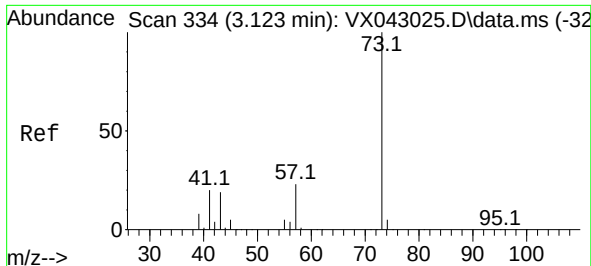
Tgt Ion: 43 Resp: 52367

Ion Ratio Lower Upper

43 100

74 22.9 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 18.688 ug/l

RT: 3.117 min Scan# 341

Delta R.T. -0.006 min

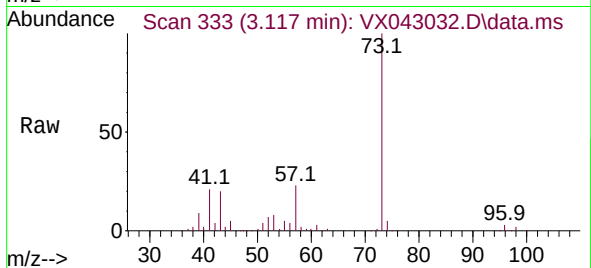
Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

ClientSampleId :

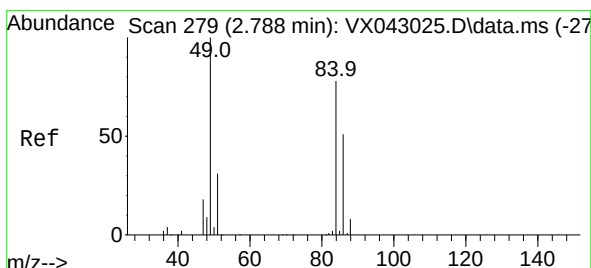
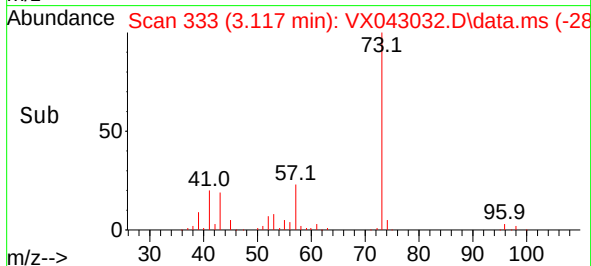
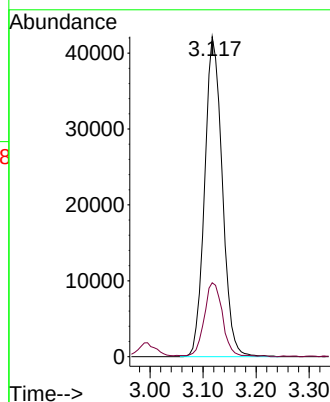


Tgt Ion: 73 Resp: 97332

Ion Ratio Lower Upper

73 100

57 23.0 17.3 25.9



#20

Methylene Chloride

Concen: 17.664 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Tgt Ion: 84 Resp: 34108

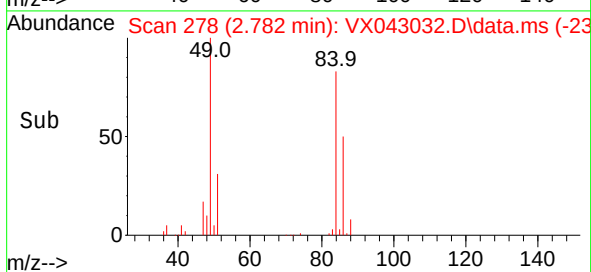
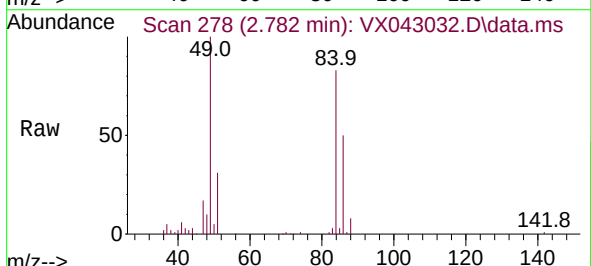
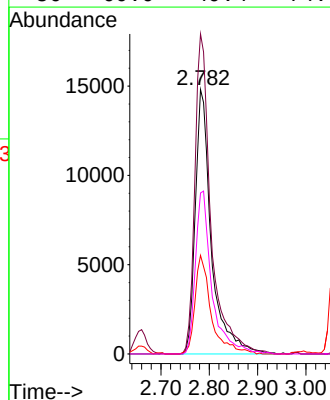
Ion Ratio Lower Upper

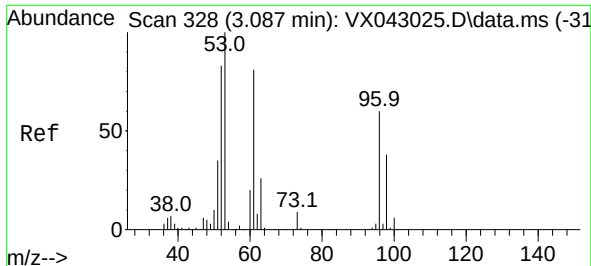
84 100

49 121.0 103.6 155.4

51 37.3 33.8 50.6

86 60.9 49.4 74.0

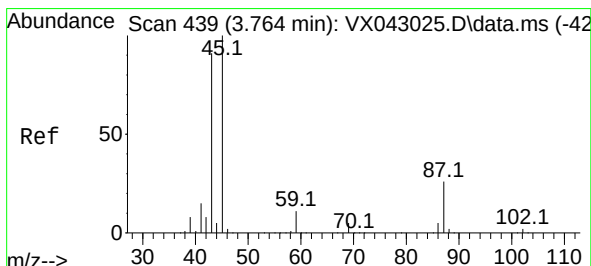
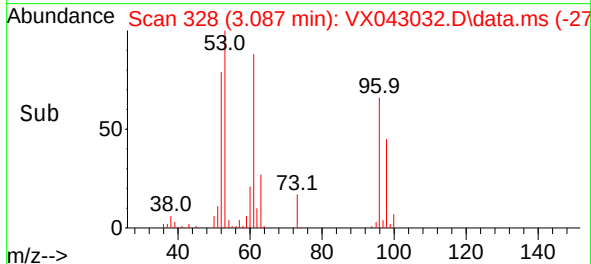
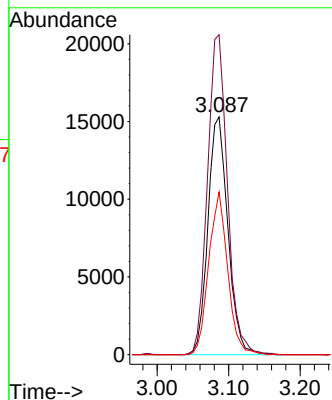
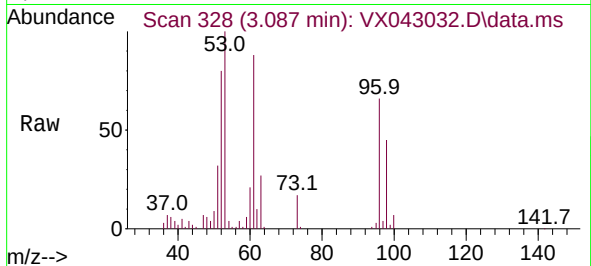




#21  
trans-1,2-Dichloroethene  
Concen: 18.447 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

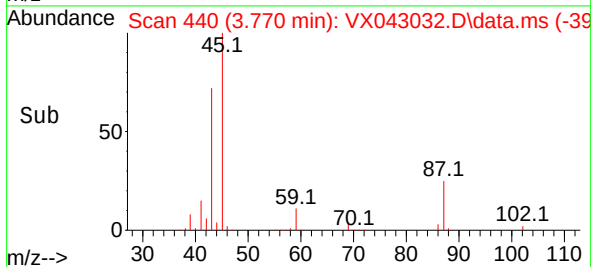
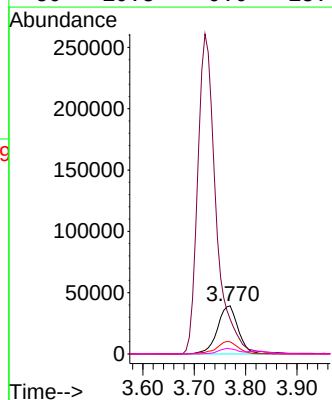
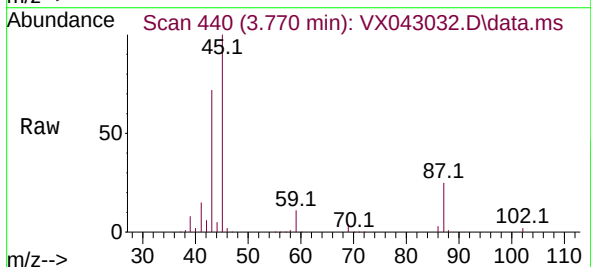
Instrument :  
MSVOA\_X  
ClientSampleId :

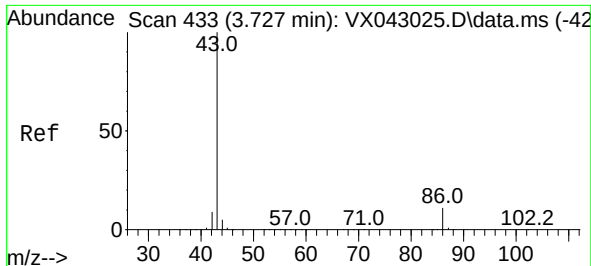
Tgt Ion: 96 Resp: 29730  
Ion Ratio Lower Upper  
96 100  
61 134.6 119.2 178.8  
98 68.4 48.7 73.1



#22  
Diisopropyl ether  
Concen: 18.573 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. 0.006 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Tgt Ion: 45 Resp: 109855  
Ion Ratio Lower Upper  
45 100  
43 71.9 69.7 104.5  
87 25.3 20.8 31.2  
59 10.8 9.0 13.4

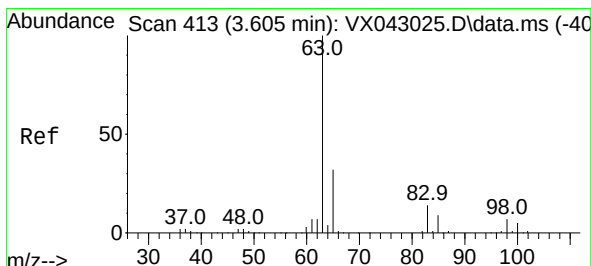
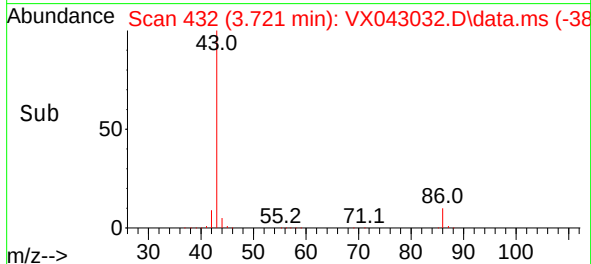
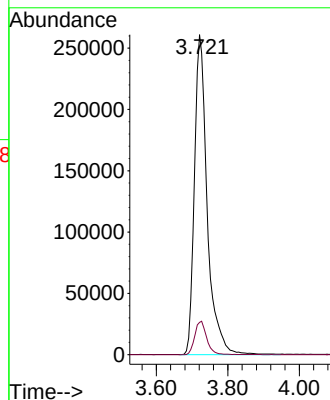
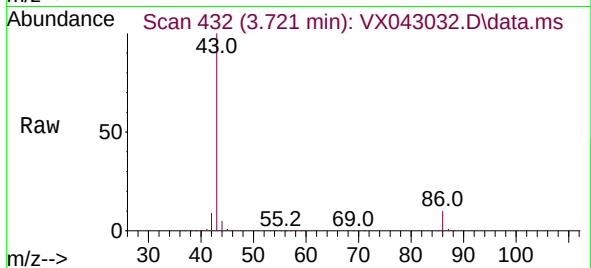




#23  
 Vinyl Acetate  
 Concen: 94.003 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX043032.D  
 Acq: 14 Aug 2024 15:29

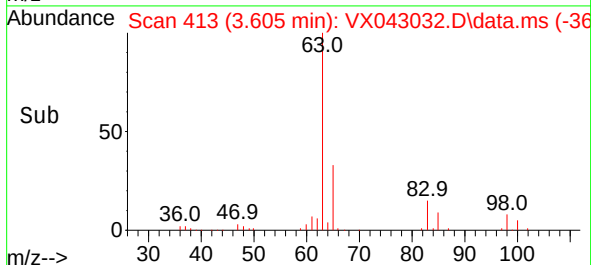
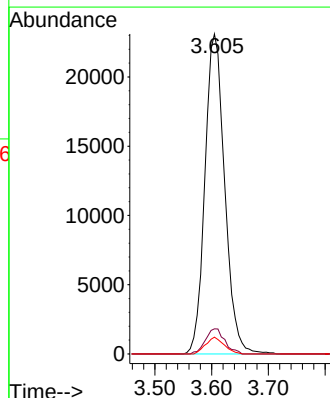
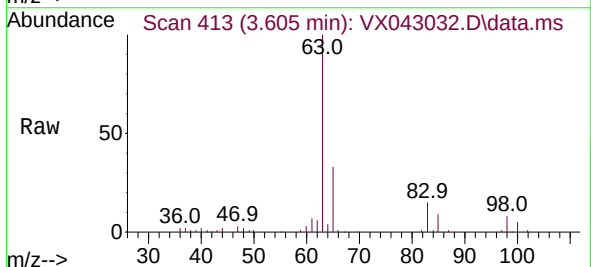
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 43 Resp: 648175  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 7.8 11.8

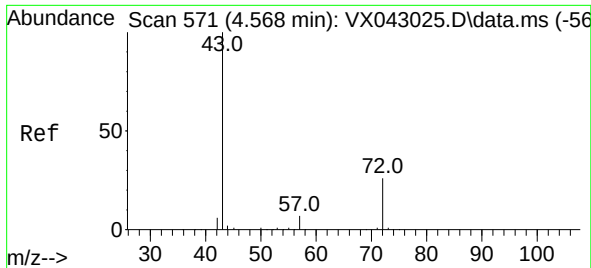


#24  
 1,1-Dichloroethane  
 Concen: 18.779 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX043032.D  
 Acq: 14 Aug 2024 15:29

Tgt Ion: 63 Resp: 56018  
 Ion Ratio Lower Upper  
 63 100  
 98 7.9 3.3 9.8  
 100 5.2 2.1 6.5



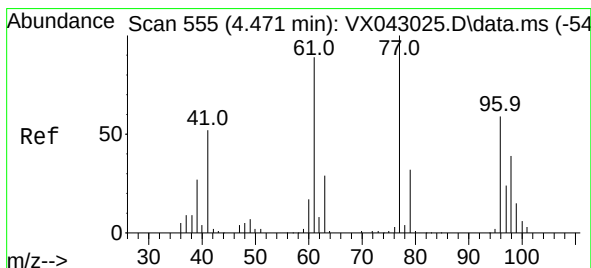
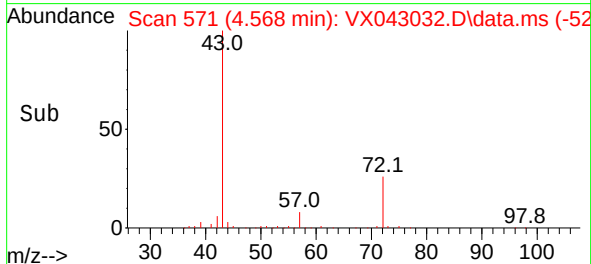
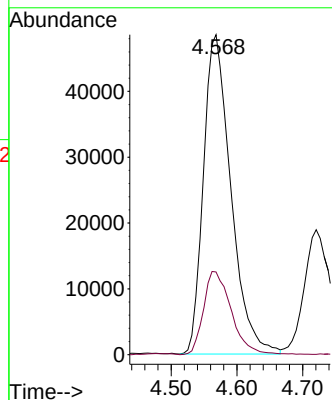
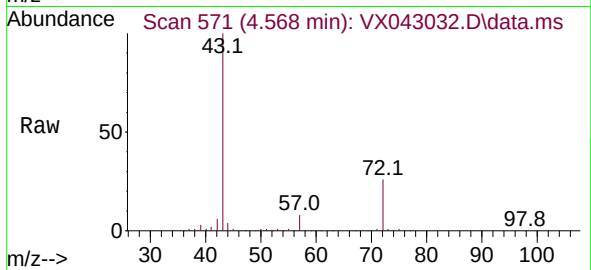




#25  
2-Butanone  
Concen: 96.227 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

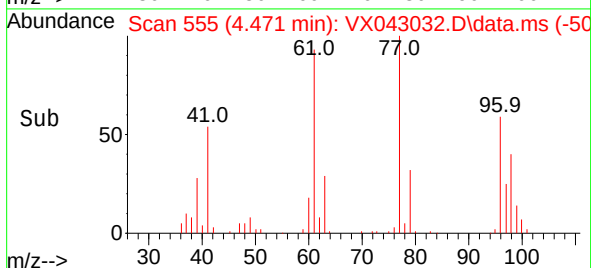
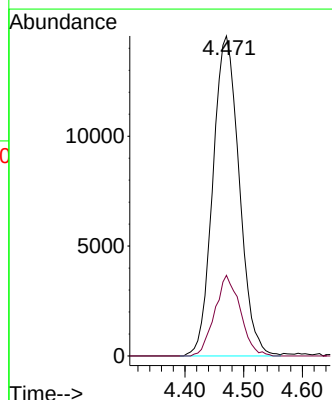
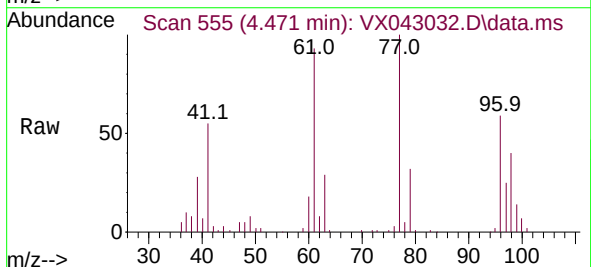
Instrument :  
MSVOA\_X  
ClientSampleId :

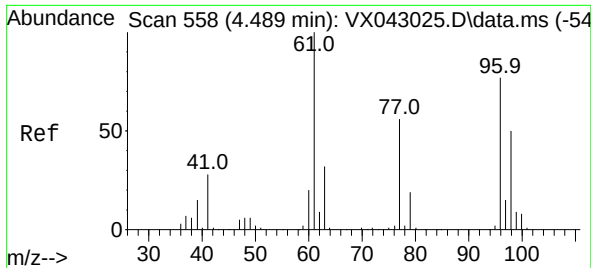
Tgt Ion: 43 Resp: 140855  
Ion Ratio Lower Upper  
43 100  
72 25.9 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 19.114 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

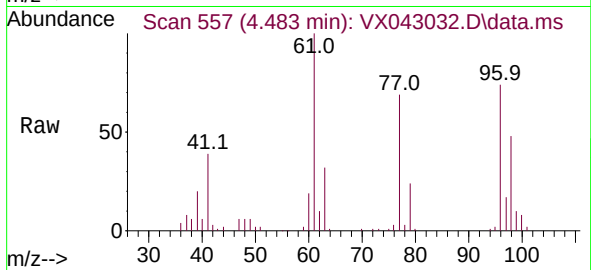
Tgt Ion: 77 Resp: 45423  
Ion Ratio Lower Upper  
77 100  
97 24.4 10.8 32.3



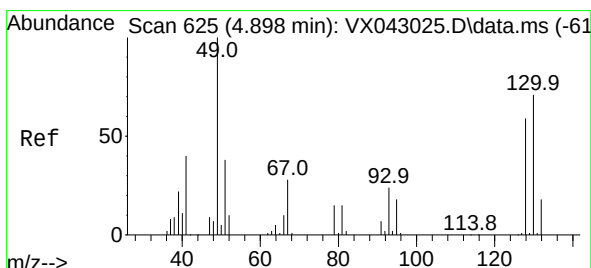
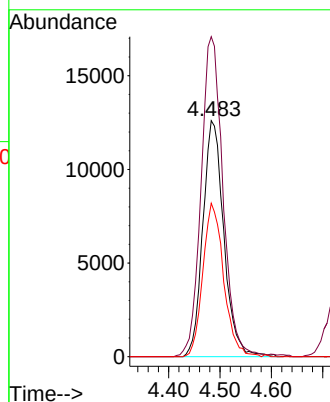
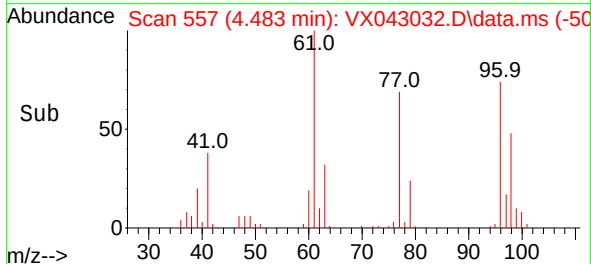


#27  
cis-1,2-Dichloroethene  
Concen: 18.370 ug/l  
RT: 4.483 min Scan# 558  
Delta R.T. -0.006 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :

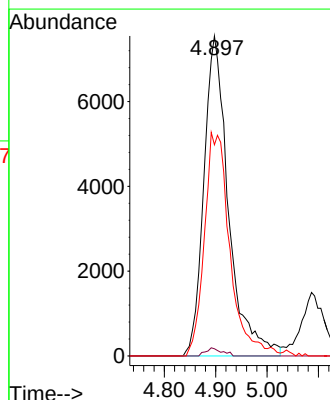
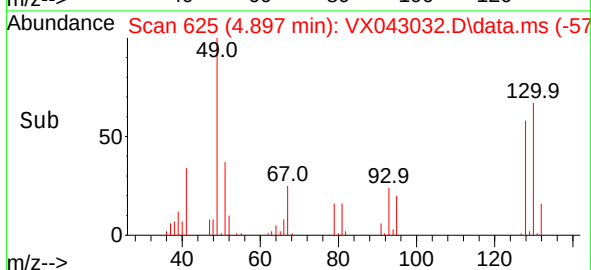
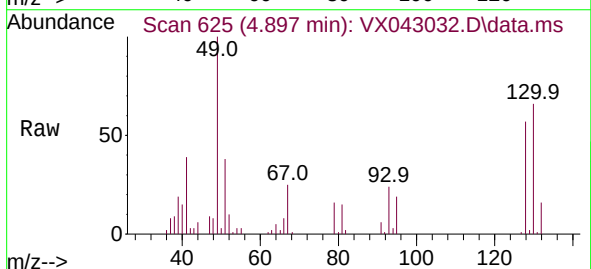


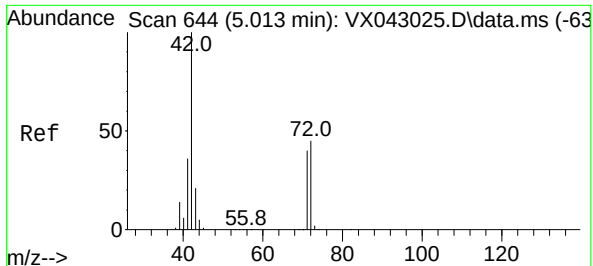
Tgt Ion: 96 Resp: 35737  
Ion Ratio Lower Upper  
96 100  
61 141.3 0.0 312.2  
98 64.3 0.0 129.0



#28  
Bromochloromethane  
Concen: 18.636 ug/l  
RT: 4.897 min Scan# 625  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Tgt Ion: 49 Resp: 25150  
Ion Ratio Lower Upper  
49 100  
129 1.6 0.0 3.8  
130 72.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 93.933 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX043032.D

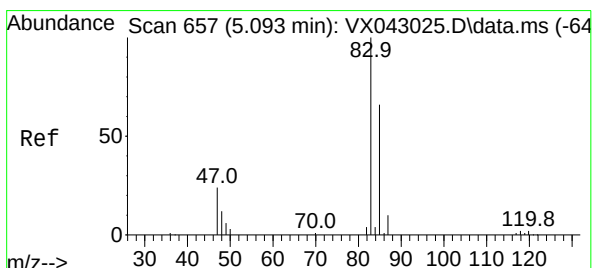
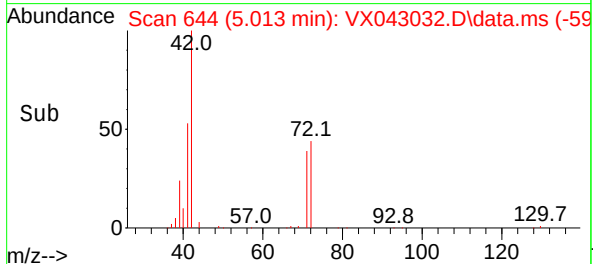
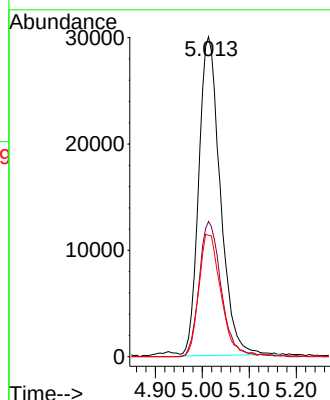
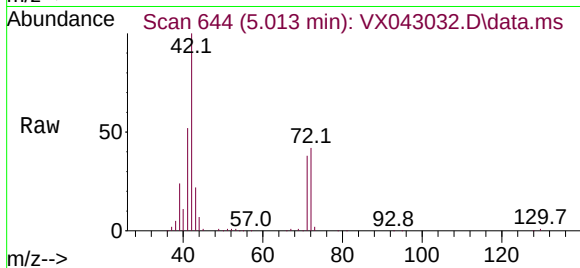
Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 95299 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 43.8  | 34.2  | 51.4  |
| 71       | 39.4  | 32.2  | 48.2  |



#30

Chloroform

Concen: 18.348 ug/l

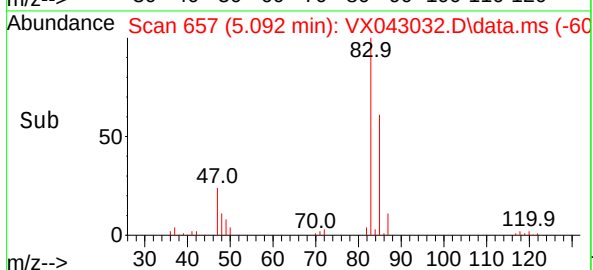
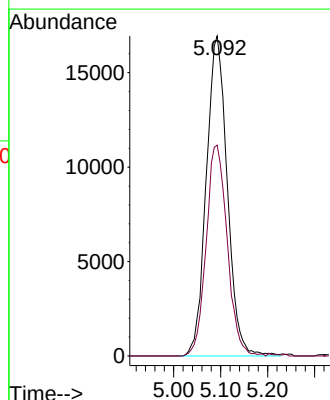
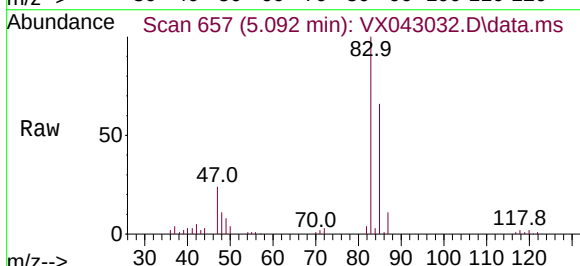
RT: 5.092 min Scan# 657

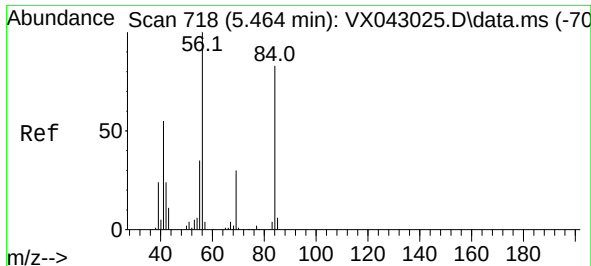
Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

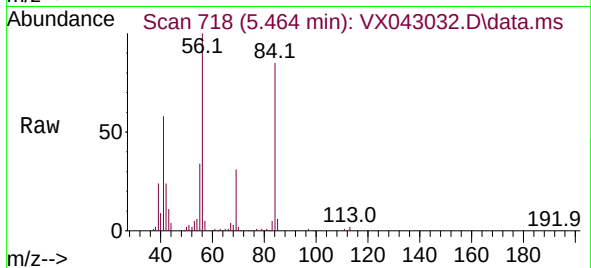
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 52578 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.9  | 50.3  | 75.5  |



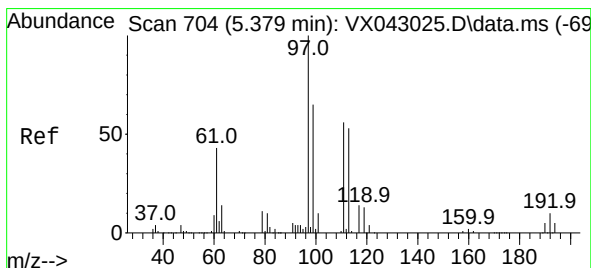
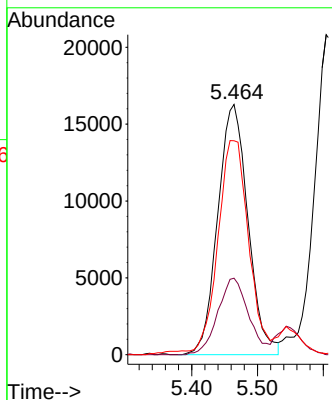
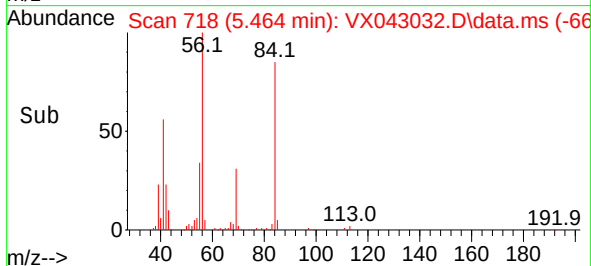


#31  
Cyclohexane  
Concen: 18.572 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :

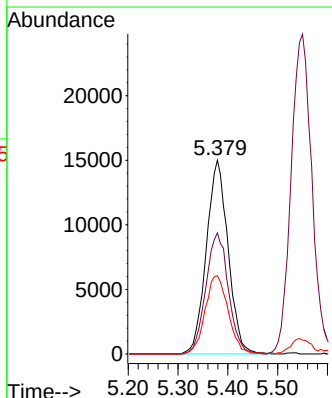
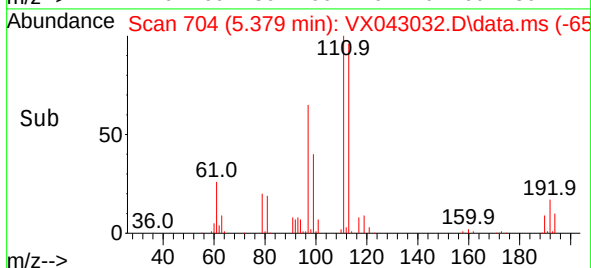
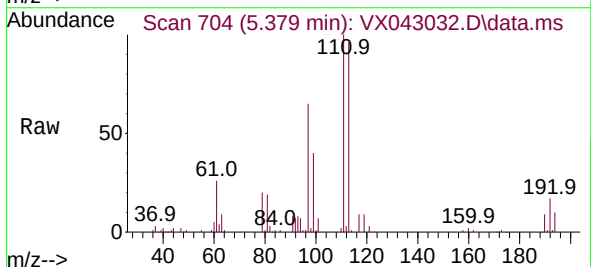


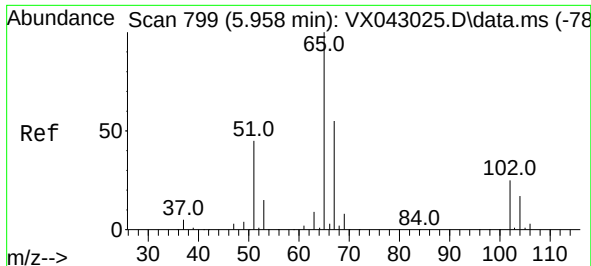
Tgt Ion: 56 Resp: 52107  
Ion Ratio Lower Upper  
56 100  
69 30.6 23.4 35.2  
84 84.1 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 19.015 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Tgt Ion: 97 Resp: 45489  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.1 76.7  
61 42.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.627 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

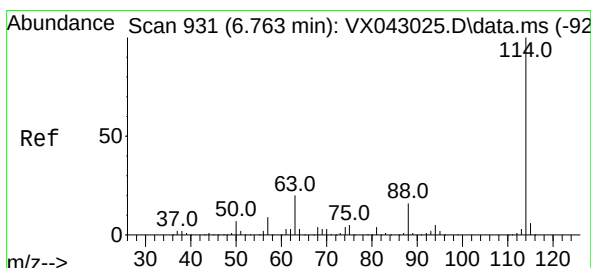
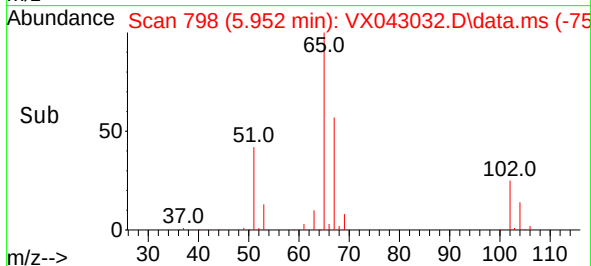
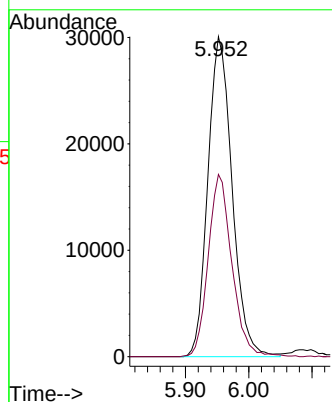
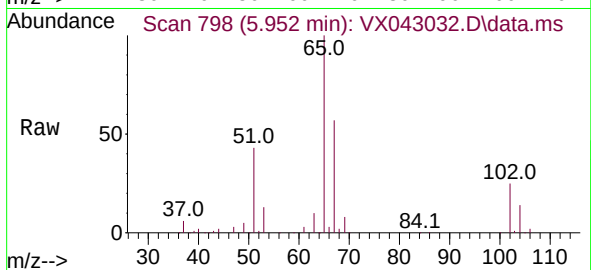
ClientSampleId :

Tgt Ion: 65 Resp: 80182

Ion Ratio Lower Upper

65 100

67 55.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

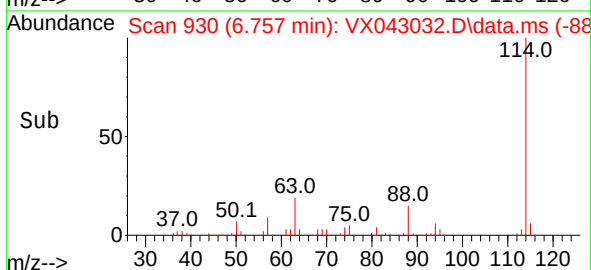
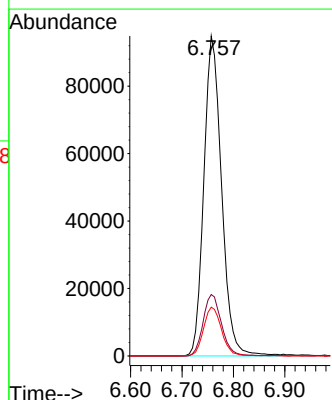
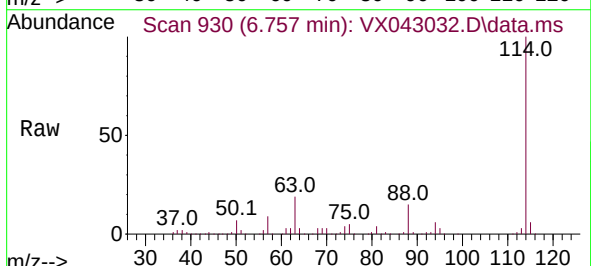
Tgt Ion: 114 Resp: 227320

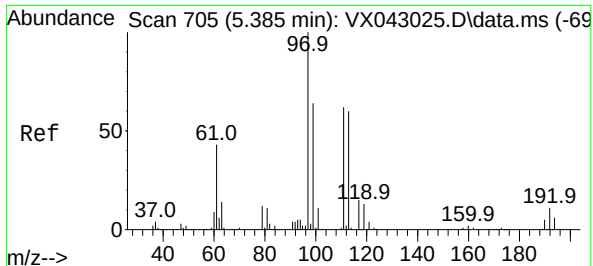
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.849 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

ClientSampleId :

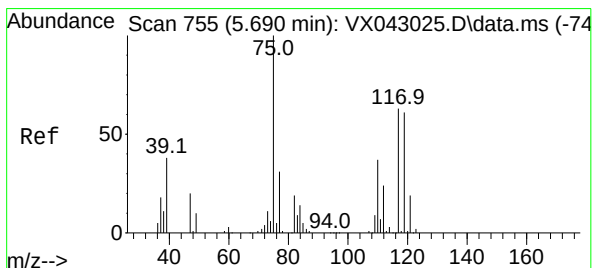
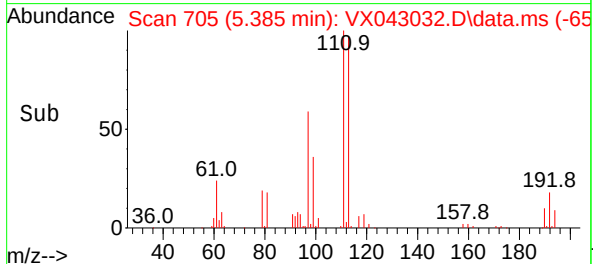
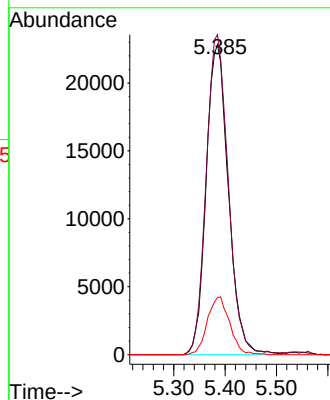
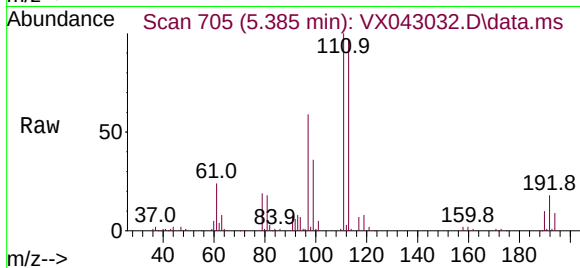
Tgt Ion:113 Resp: 68696

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 18.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 19.530 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

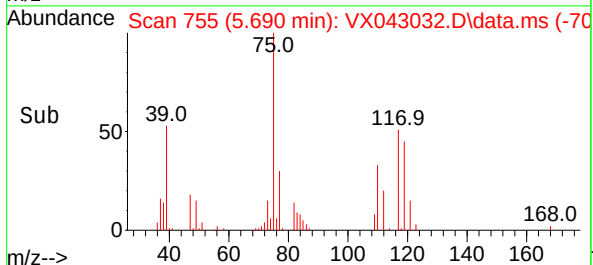
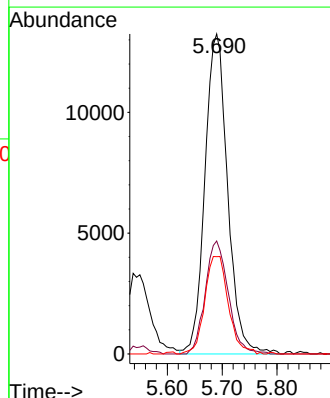
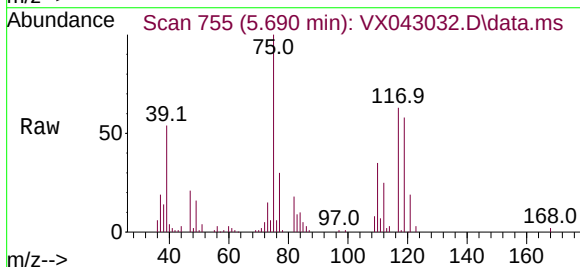
Tgt Ion: 75 Resp: 38155

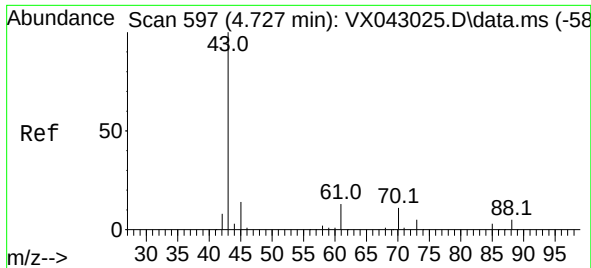
Ion Ratio Lower Upper

75 100

110 35.8 17.0 50.9

77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 19.954 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX043032.D

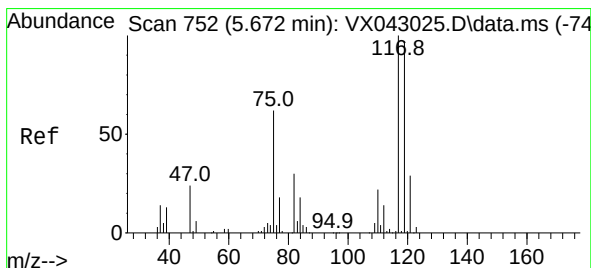
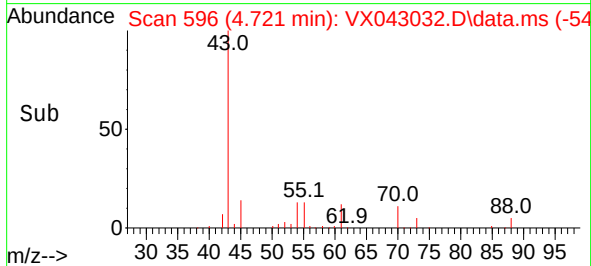
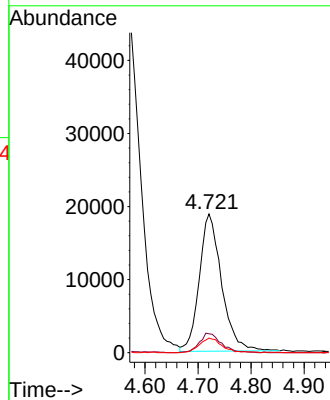
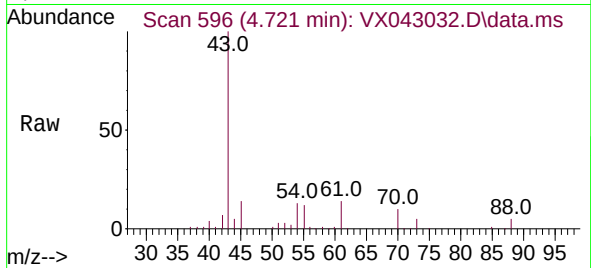
Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 54915    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 13.9 10.6 16.0 |
| 70          | 10.7 8.3 12.5  |



#38

Carbon Tetrachloride

Concen: 19.445 ug/l

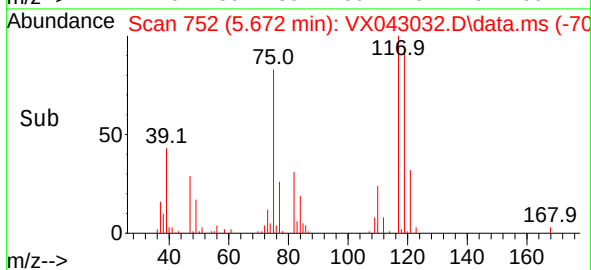
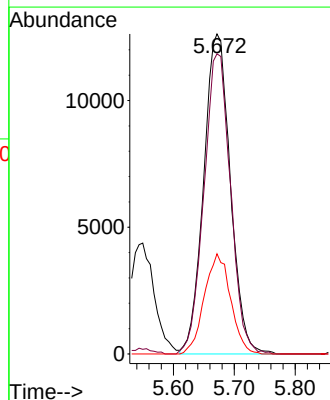
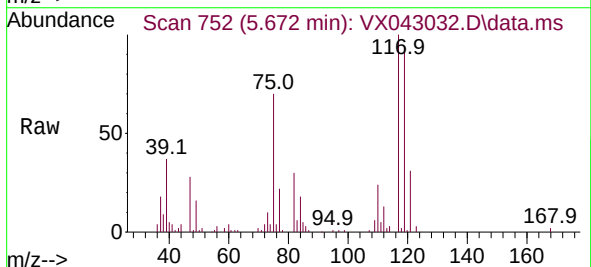
RT: 5.672 min Scan# 752

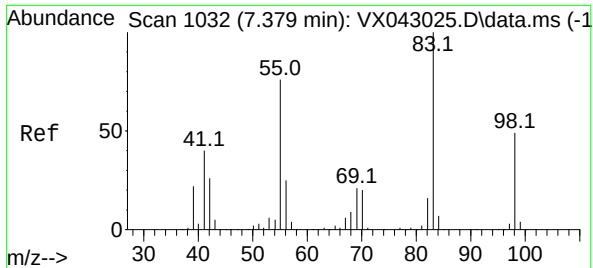
Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 38414     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 93.8 78.2 117.2 |
| 121          | 31.3 24.4 36.6  |





#39

Methylcyclohexane

Concen: 19.605 ug/l

RT: 7.379 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

ClientSampleId :

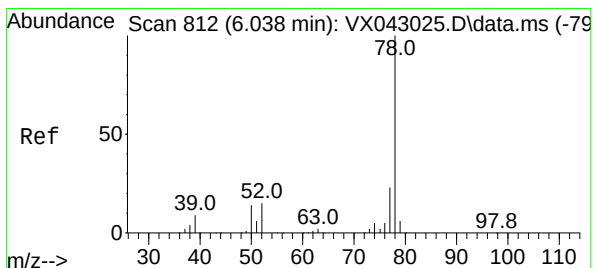
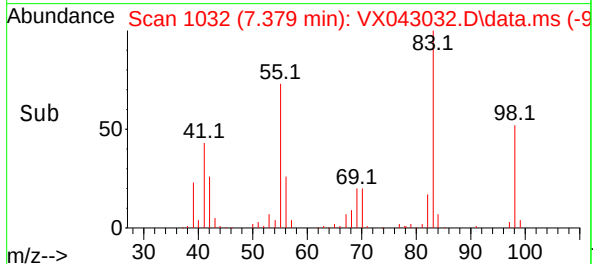
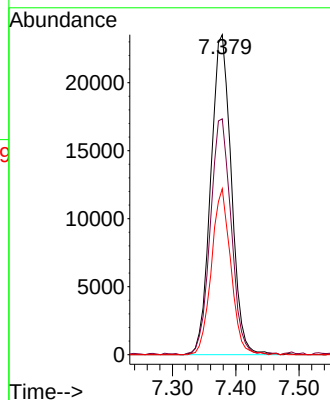
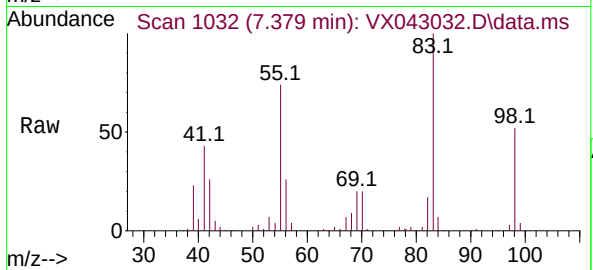
Tgt Ion: 83 Resp: 53028

Ion Ratio Lower Upper

83 100

55 73.7 64.6 97.0

98 51.9 36.7 55.1



#40

Benzene

Concen: 18.768 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX043032.D

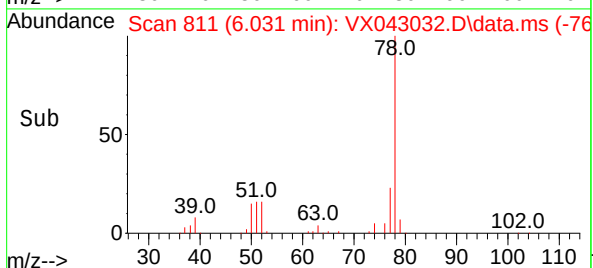
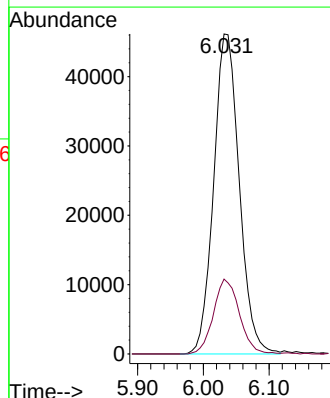
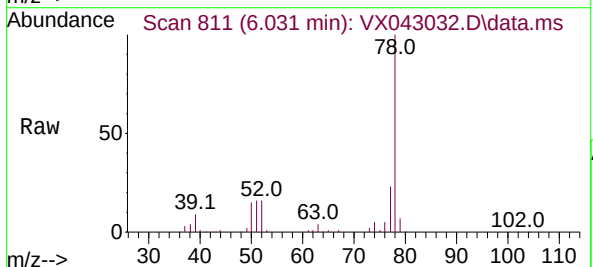
Acq: 14 Aug 2024 15:29

Tgt Ion: 78 Resp: 124919

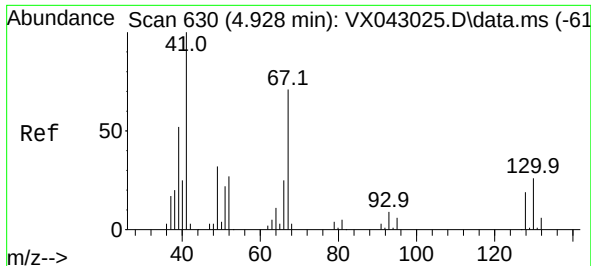
Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9



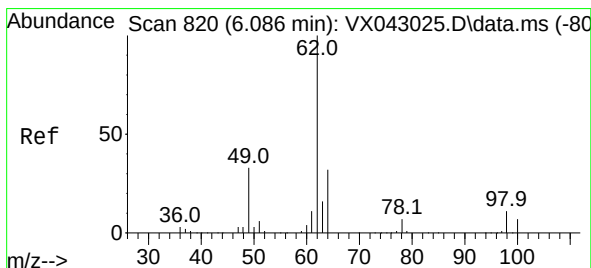
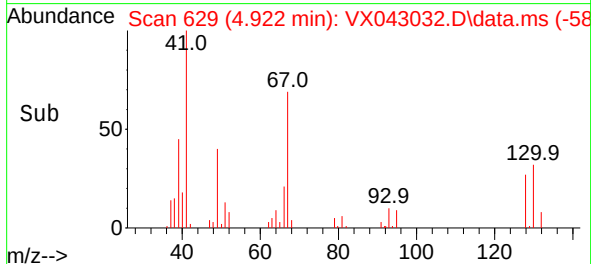
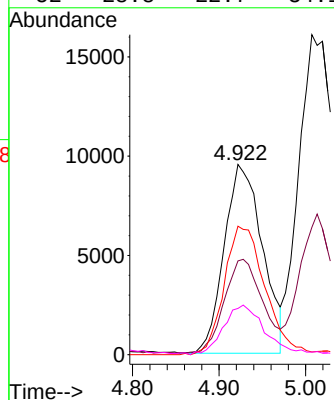
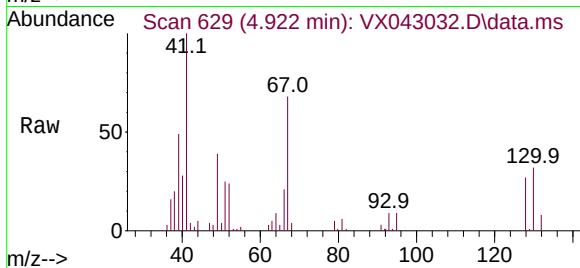




#41  
Methacrylonitrile  
Concen: 20.135 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

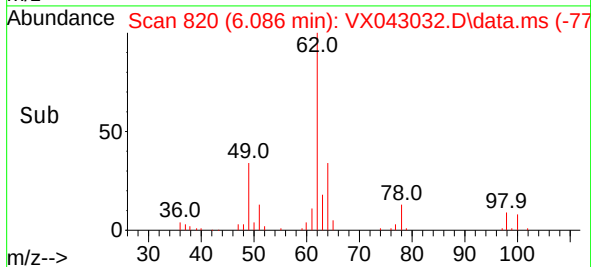
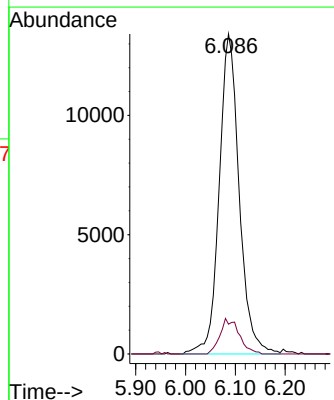
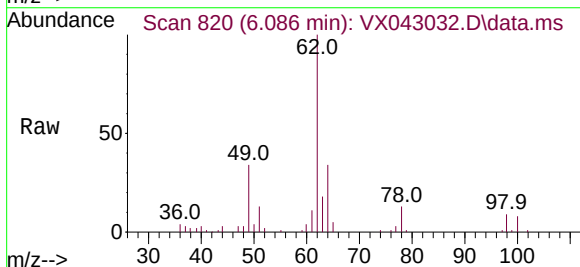
Instrument :  
MSVOA\_X  
ClientSampleId :

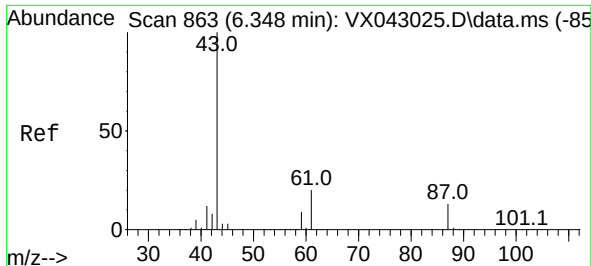
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 29205 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 49.6     | 45.2 67.8   |
| 67 72.3     | 52.6 78.8   |
| 52 28.8     | 22.7 34.1   |



#42  
1,2-Dichloroethane  
Concen: 19.309 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 37382 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 10.6     | 0.0 16.0    |





#43

Isopropyl Acetate

Concen: 19.172 ug/l

RT: 6.348 min Scan# 863

Delta R.T. -0.000 min

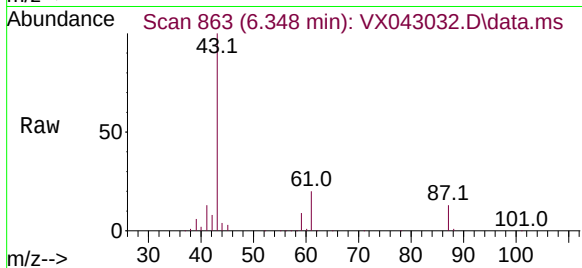
Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

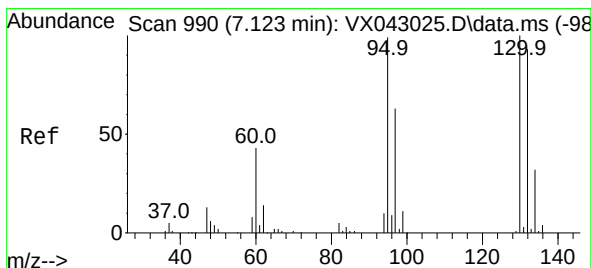
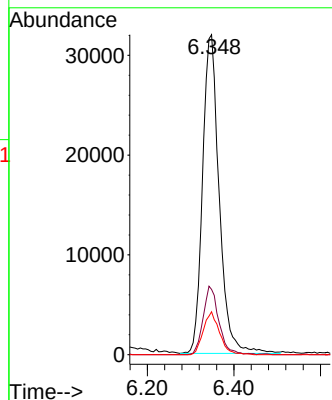
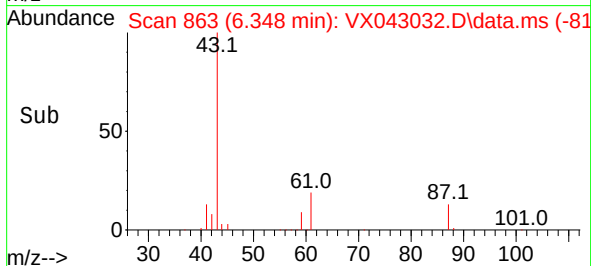
Instrument :

MSVOA\_X

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 85132 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 20.1  | 15.2  | 22.8  |
| 87        | 13.1  | 9.8   | 14.6  |



#44

Trichloroethene

Concen: 19.578 ug/l

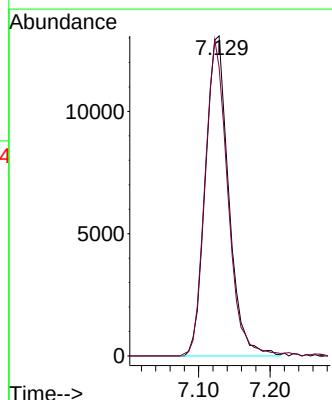
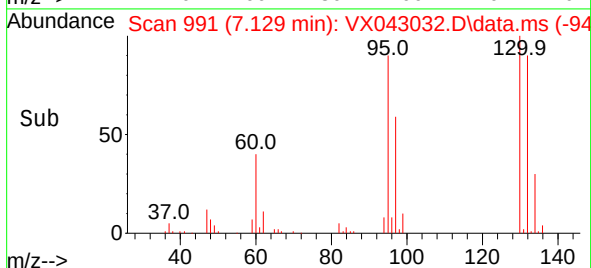
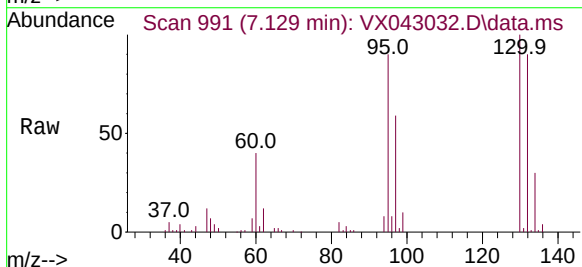
RT: 7.129 min Scan# 991

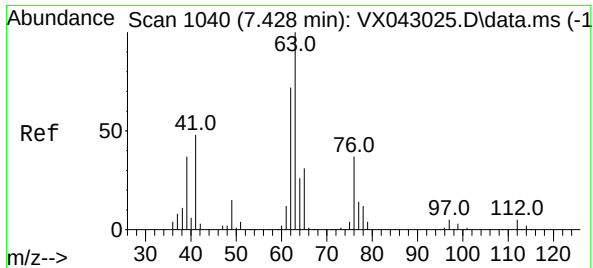
Delta R.T. 0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 130   | Resp: | 29508 |
| Ion Ratio | Lower | Upper |       |
| 130       | 100   |       |       |
| 95        | 90.3  | 0.0   | 204.4 |





#45

1,2-Dichloropropane

Concen: 19.562 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

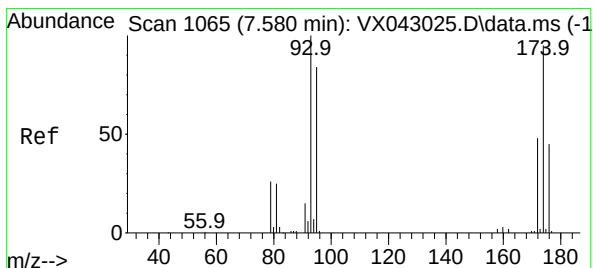
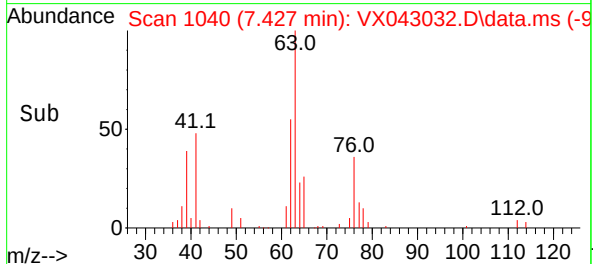
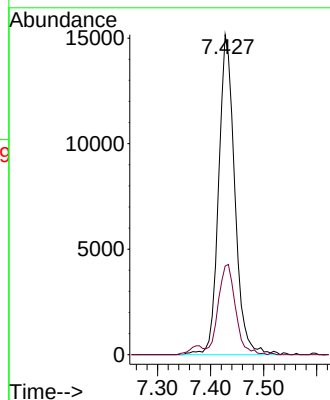
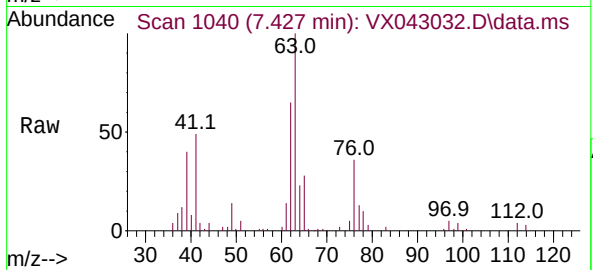
ClientSampleId :

Tgt Ion: 63 Resp: 32041

Ion Ratio Lower Upper

63 100

65 27.7 24.3 36.5



#46

Dibromomethane

Concen: 19.015 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

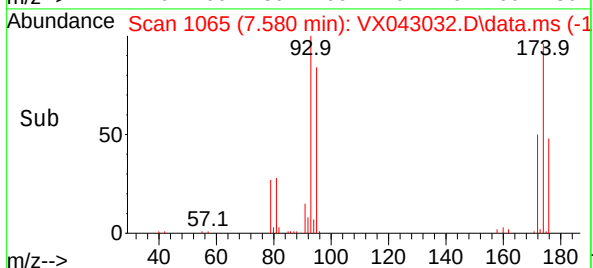
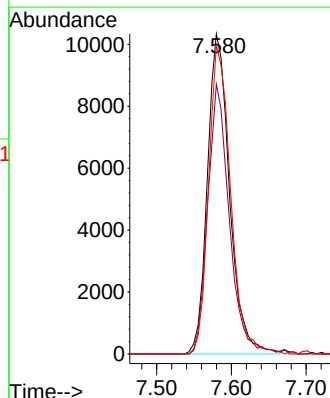
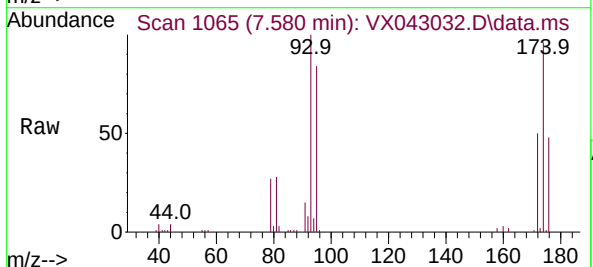
Tgt Ion: 93 Resp: 21296

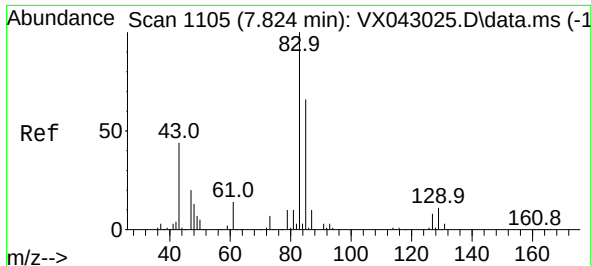
Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

174 95.3 69.4 104.0

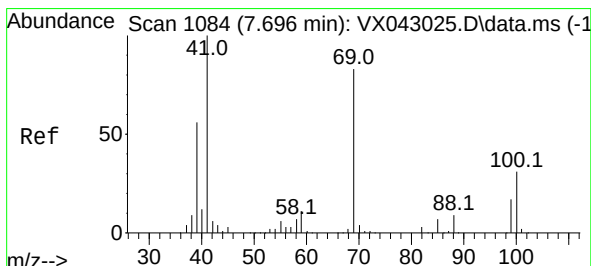
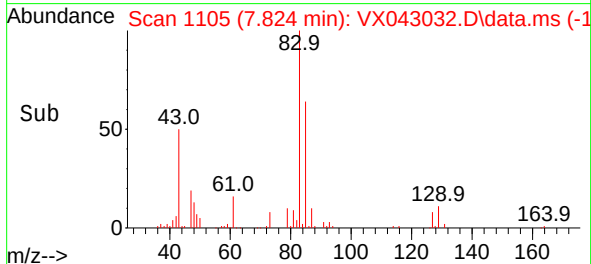
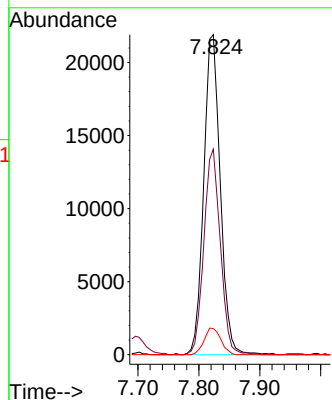
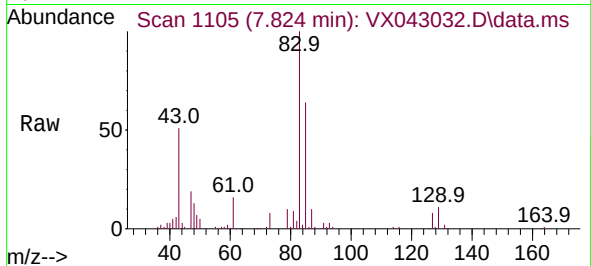




#47  
Bromodichloromethane  
Concen: 19.021 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

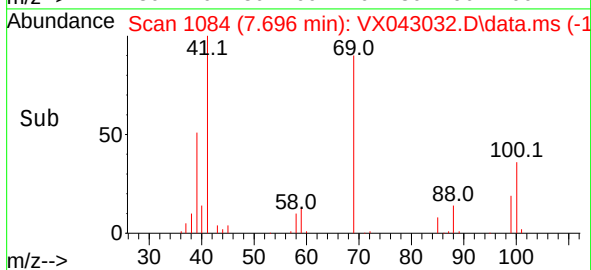
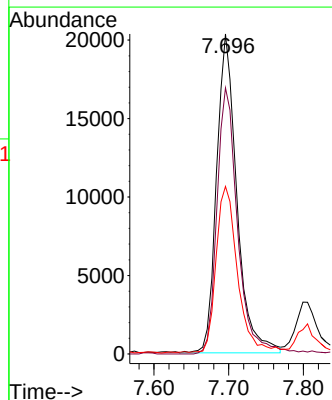
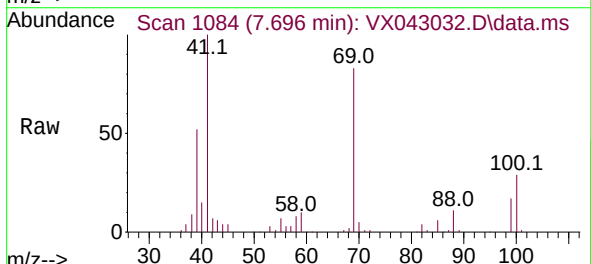
Instrument :  
MSVOA\_X  
ClientSampleId :

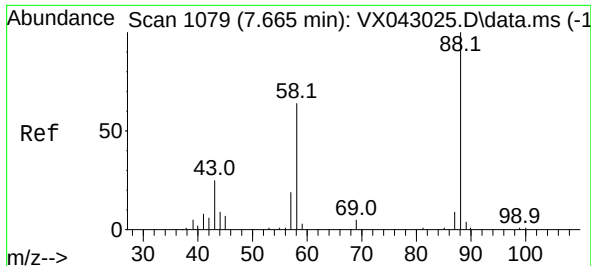
Tgt Ion: 83 Resp: 41360  
Ion Ratio Lower Upper  
83 100  
85 64.2 49.8 74.6  
127 8.2 7.1 10.7



#48  
Methyl methacrylate  
Concen: 18.417 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Tgt Ion: 41 Resp: 38440  
Ion Ratio Lower Upper  
41 100  
69 85.4 59.2 88.8  
39 55.7 47.7 71.5





#49

1,4-Dioxane

Concen: 405.598 ug/l

RT: 7.671 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

ClientSampleId :

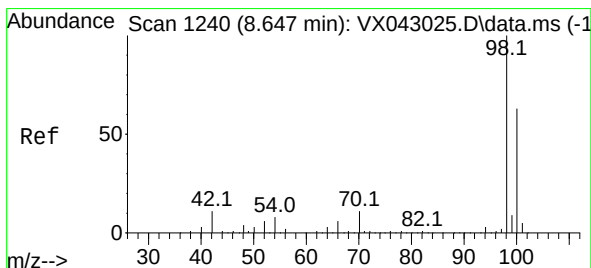
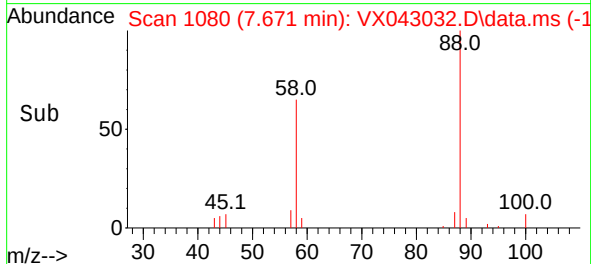
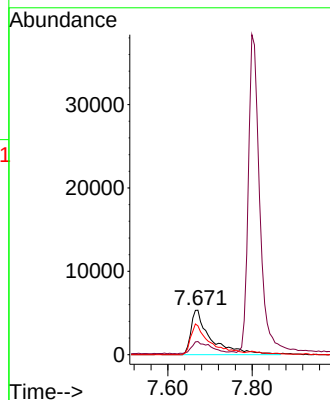
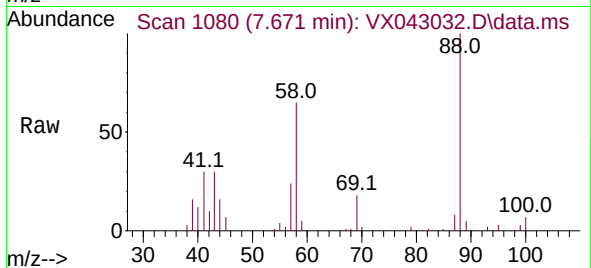
Tgt Ion: 88 Resp: 17586

Ion Ratio Lower Upper

88 100

43 27.9 0.0 0.0#

58 65.4 60.1 90.1



#50

Toluene-d8

Concen: 48.958 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043032.D

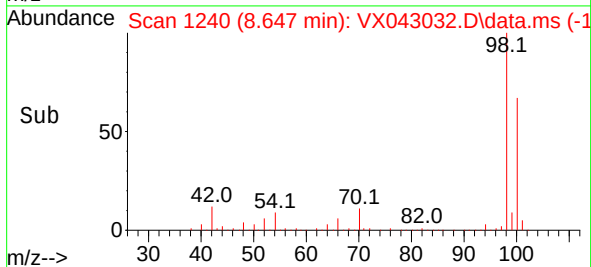
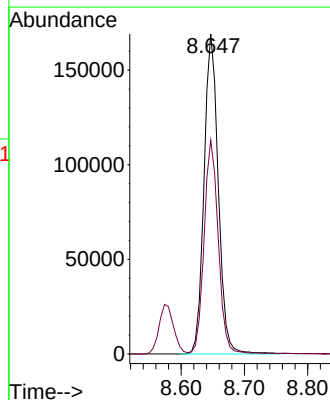
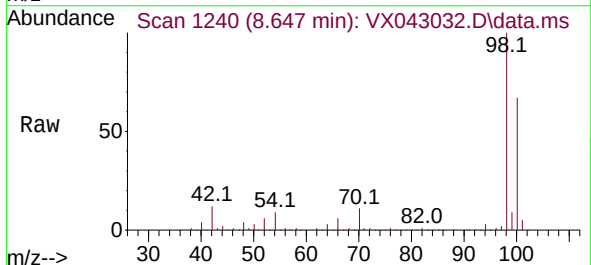
Acq: 14 Aug 2024 15:29

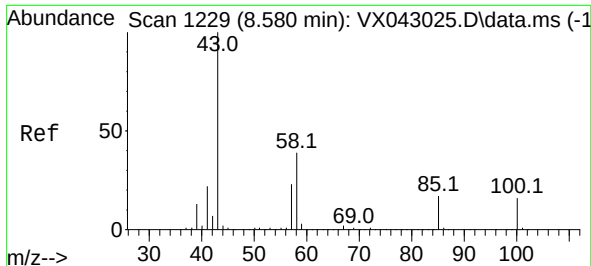
Tgt Ion: 98 Resp: 265772

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7

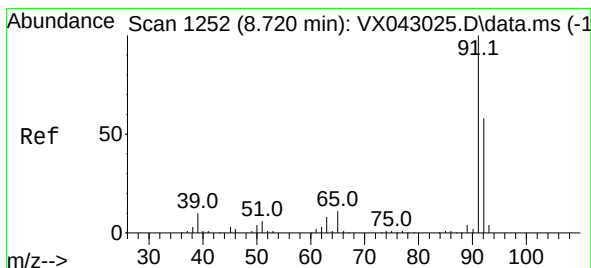
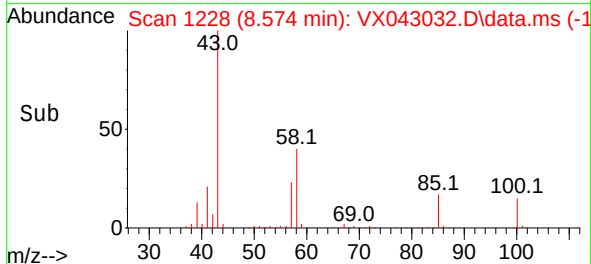
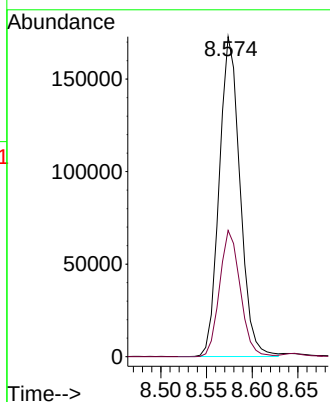
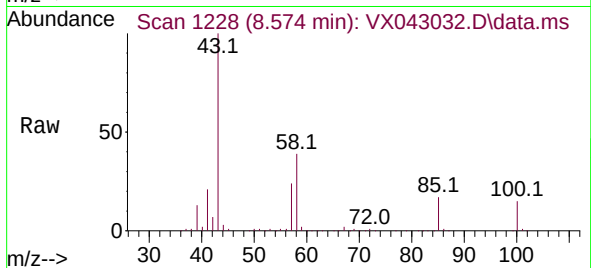




#51  
4-Methyl-2-Pentanone  
Concen: 97.040 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.006 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

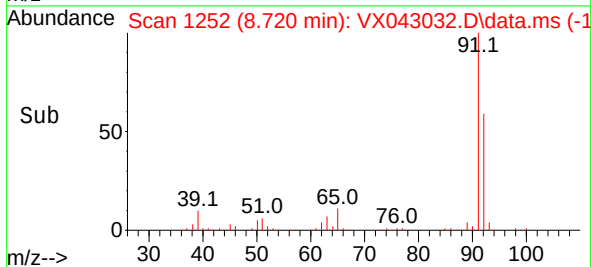
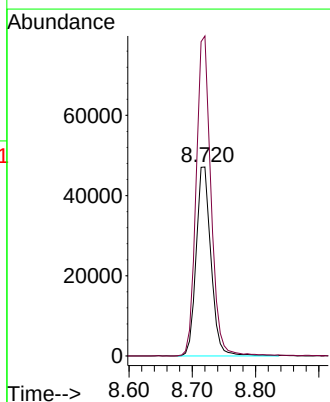
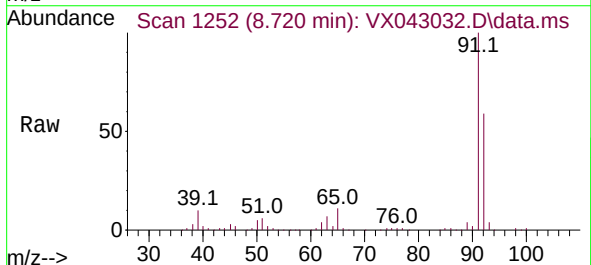
Instrument :  
MSVOA\_X  
ClientSampleId :

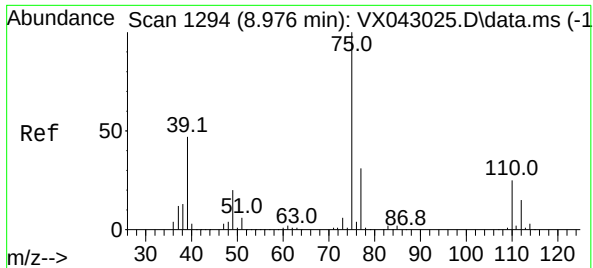
Tgt Ion: 43 Resp: 273844  
Ion Ratio Lower Upper  
43 100  
58 39.3 30.4 45.6



#52  
Toluene  
Concen: 19.191 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Tgt Ion: 92 Resp: 77159  
Ion Ratio Lower Upper  
92 100  
91 169.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 18.539 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

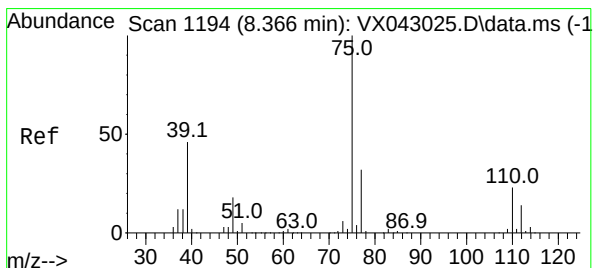
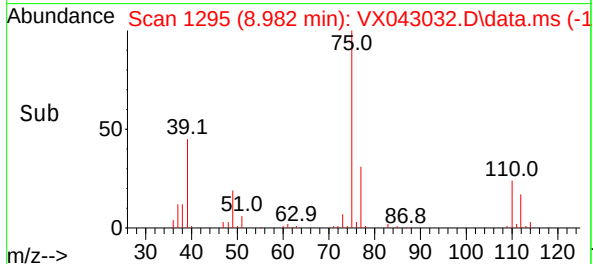
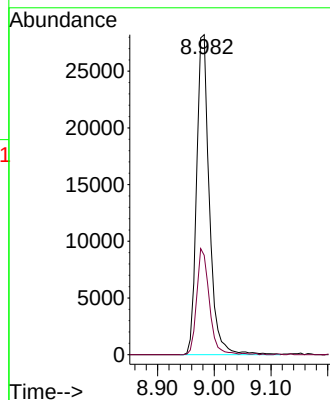
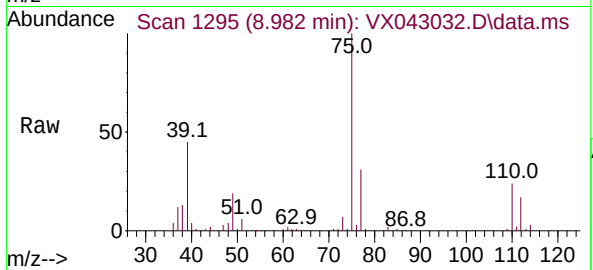
ClientSampleId :

Tgt Ion: 75 Resp: 44024

Ion Ratio Lower Upper

75 100

77 31.1 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 18.745 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

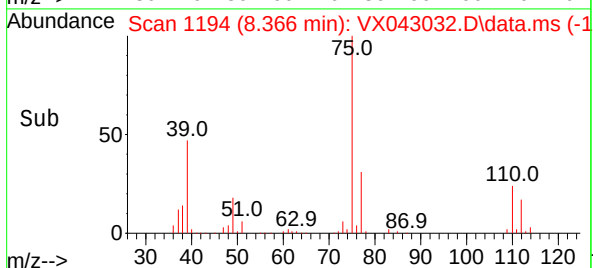
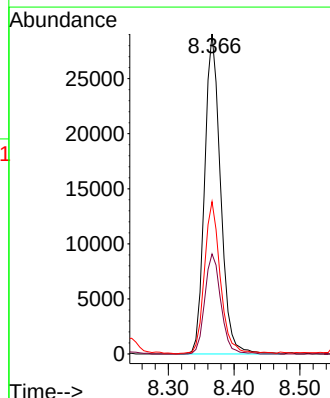
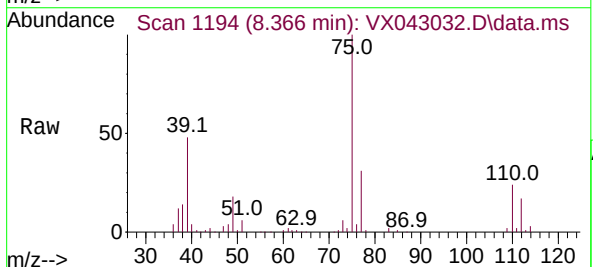
Tgt Ion: 75 Resp: 48958

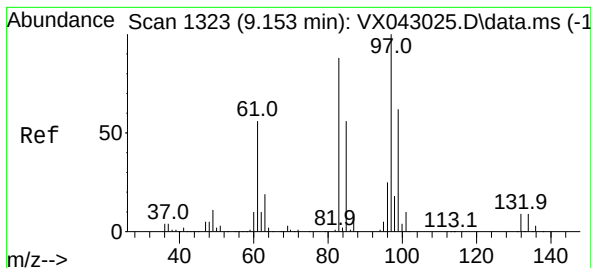
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 47.4 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 18.935 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 29902

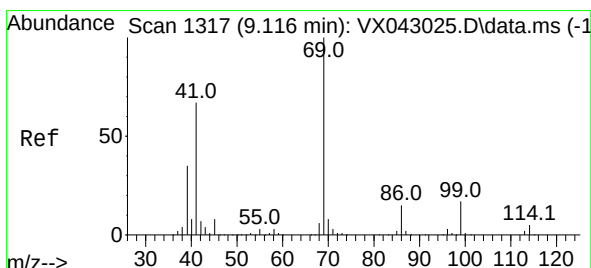
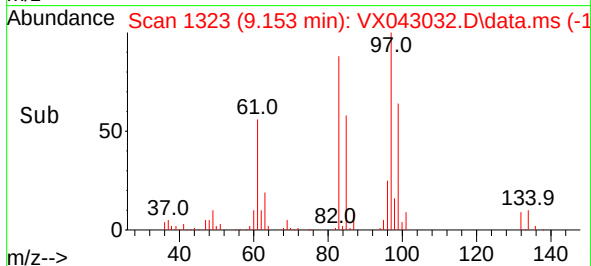
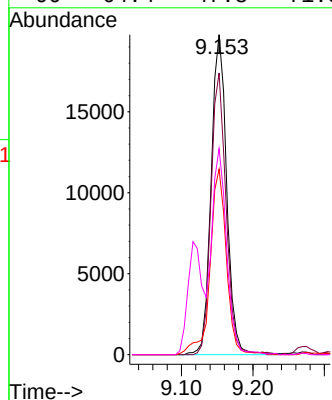
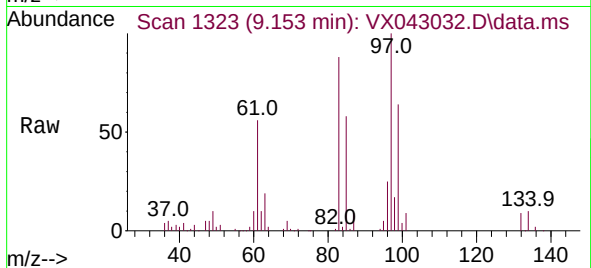
Ion Ratio Lower Upper

97 100

83 88.0 65.8 98.8

85 57.9 41.6 62.4

99 64.4 47.8 71.8



#56

Ethyl methacrylate

Concen: 19.261 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

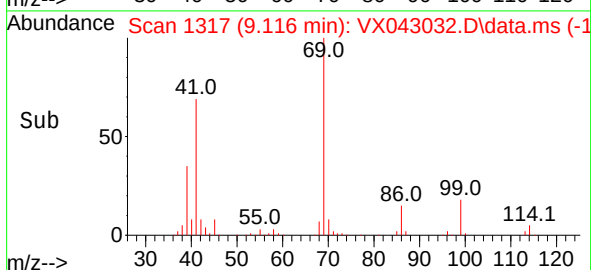
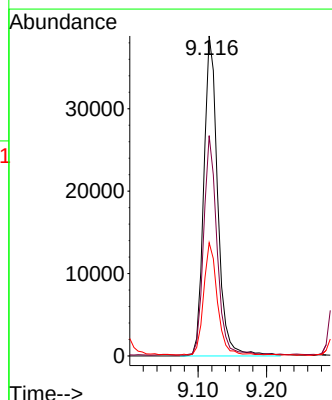
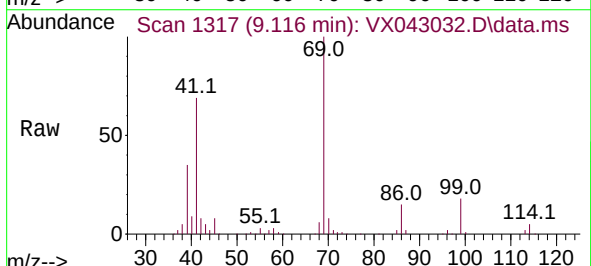
Tgt Ion: 69 Resp: 55081

Ion Ratio Lower Upper

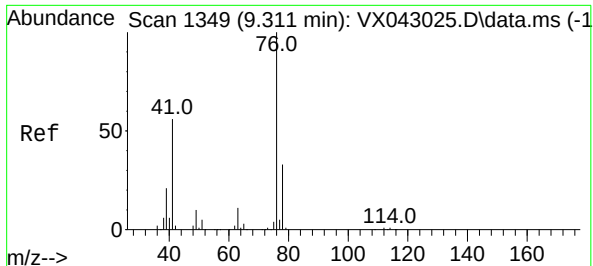
69 100

41 65.7 56.8 85.2

39 34.5 32.0 48.0



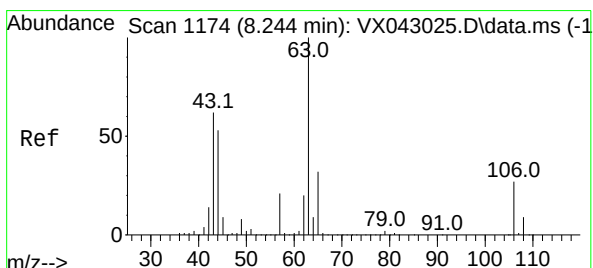
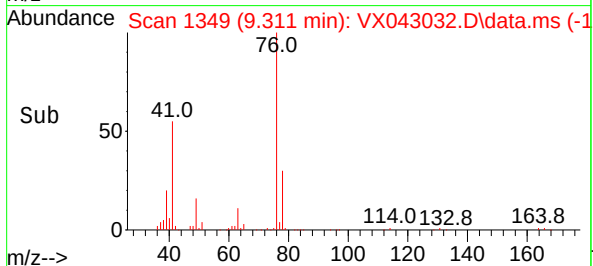
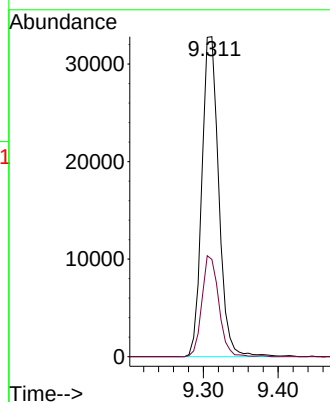
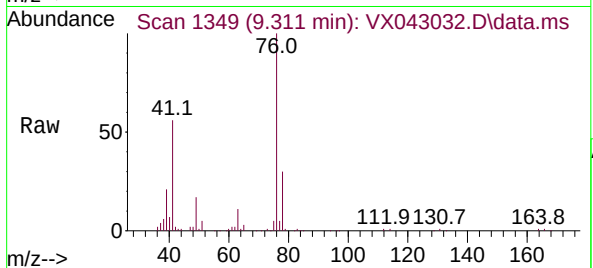




#57  
1,3-Dichloropropane  
Concen: 19.263 ug/l  
RT: 9.311 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

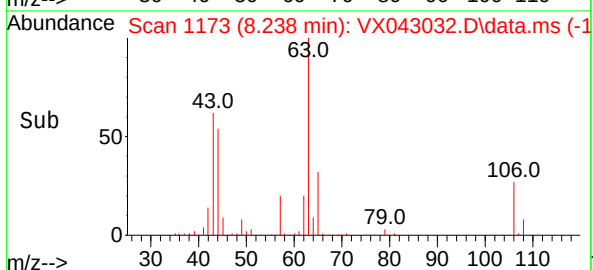
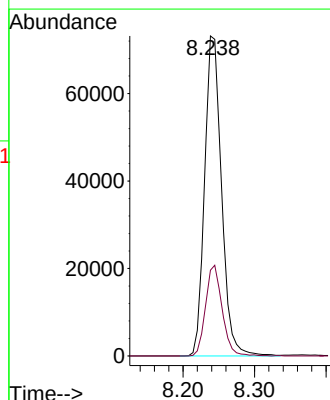
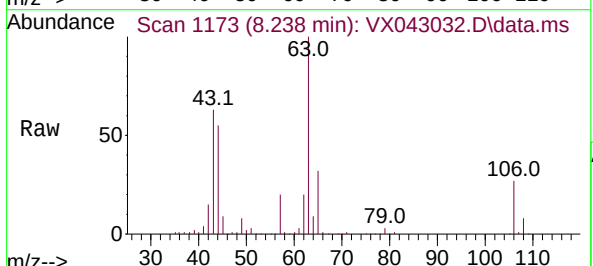
Instrument :  
MSVOA\_X  
ClientSampleId :

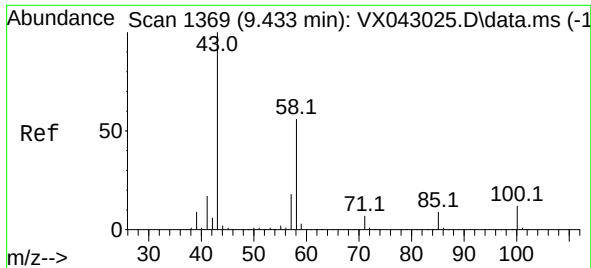
Tgt Ion: 76 Resp: 51555  
Ion Ratio Lower Upper  
76 100  
78 31.4 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 89.833 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.006 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Tgt Ion: 63 Resp: 120550  
Ion Ratio Lower Upper  
63 100  
106 27.7 22.5 33.7

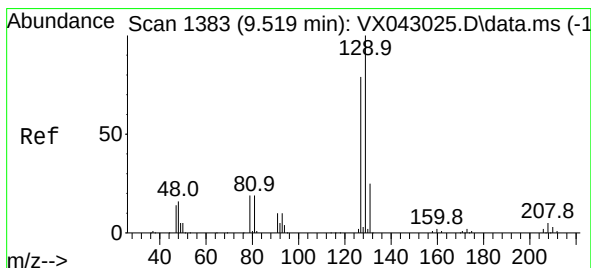
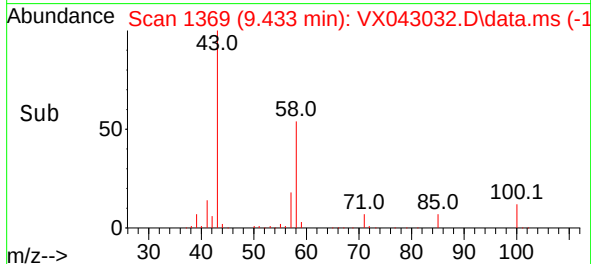
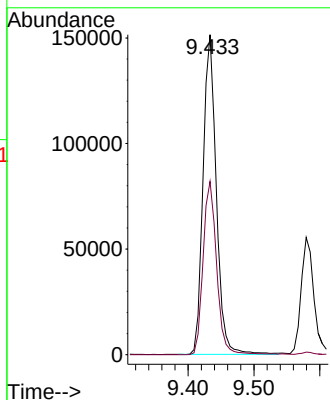
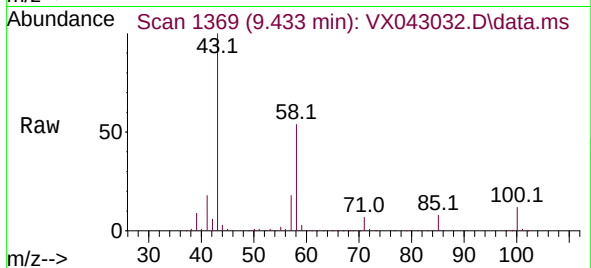




#59  
2-Hexanone  
Concen: 98.000 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

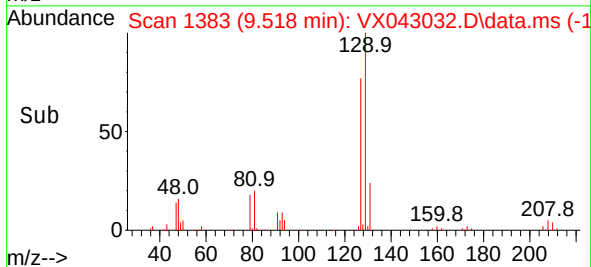
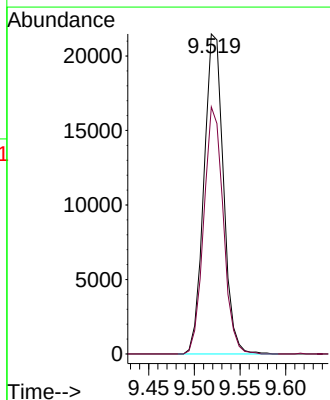
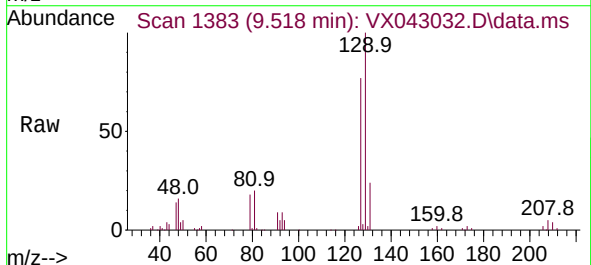
Instrument :  
MSVOA\_X  
ClientSampleId :

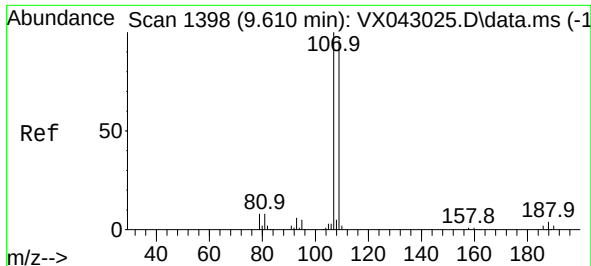
Tgt Ion: 43 Resp: 212519  
Ion Ratio Lower Upper  
43 100  
58 55.6 26.2 78.5



#60  
Dibromochloromethane  
Concen: 19.088 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Tgt Ion:129 Resp: 31785  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.8 116.4





#61

1,2-Dibromoethane

Concen: 19.135 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

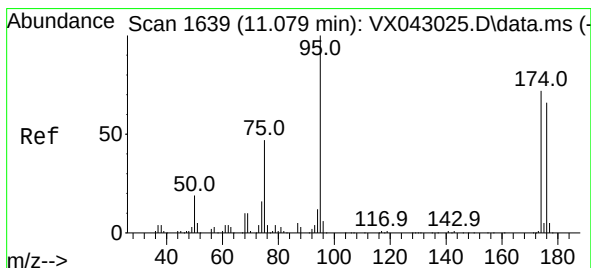
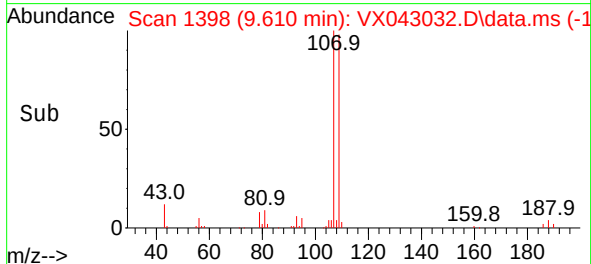
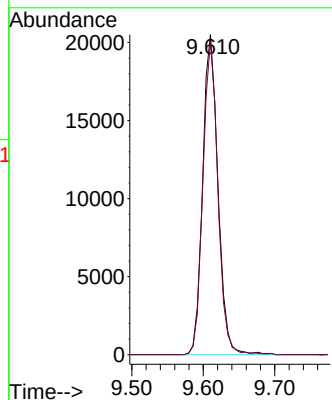
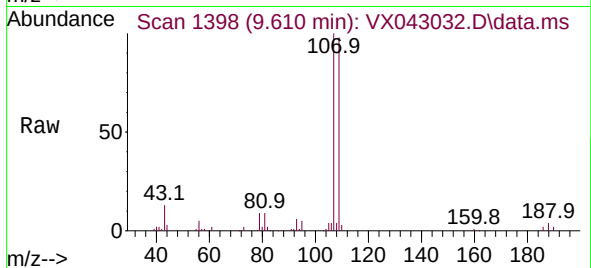
ClientSampleId :

Tgt Ion:107 Resp: 30473

Ion Ratio Lower Upper

107 100

109 96.0 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 46.199 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

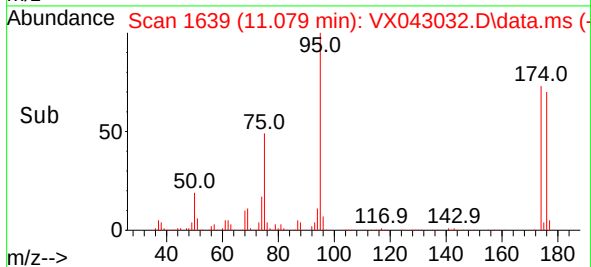
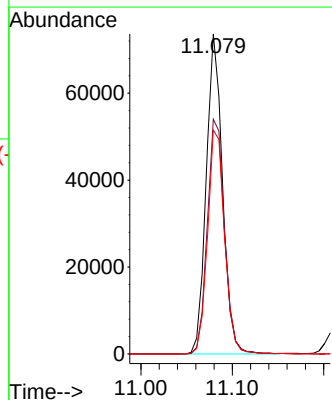
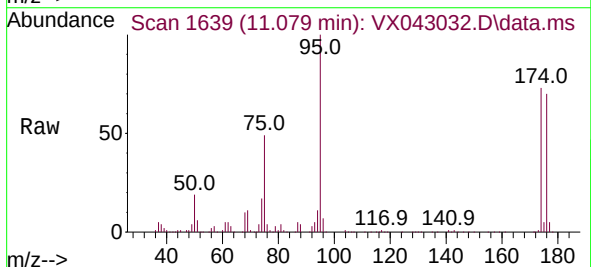
Tgt Ion: 95 Resp: 90938

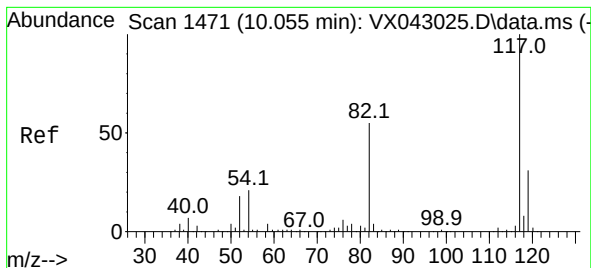
Ion Ratio Lower Upper

95 100

174 77.4 0.0 135.6

176 72.9 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: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

ClientSampleId :

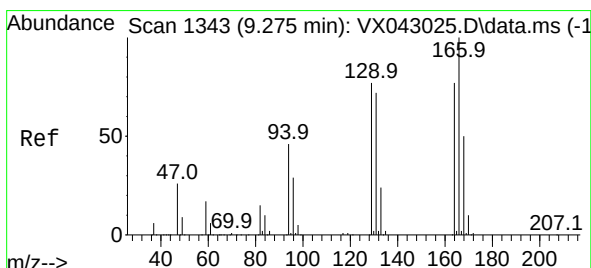
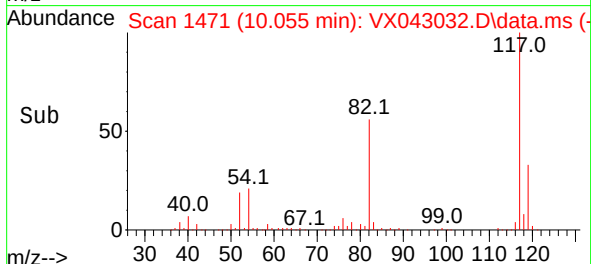
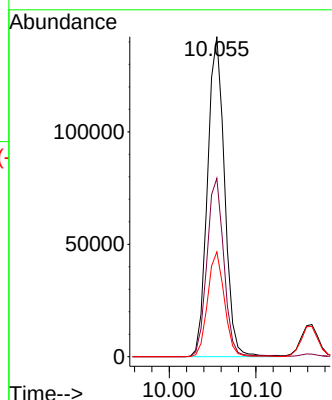
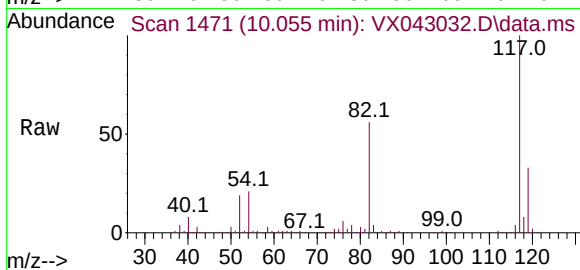
Tgt Ion:117 Resp: 194597

Ion Ratio Lower Upper

117 100

82 55.8 46.2 69.4

119 32.8 25.5 38.3



#64

Tetrachloroethene

Concen: 20.163 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Tgt Ion:164 Resp: 25322

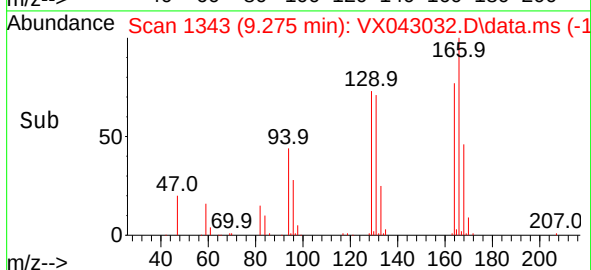
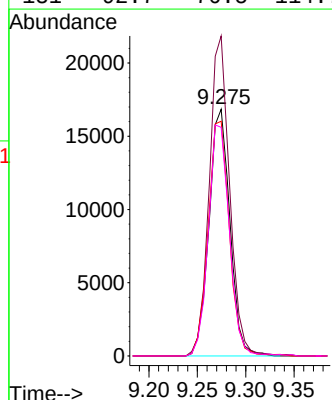
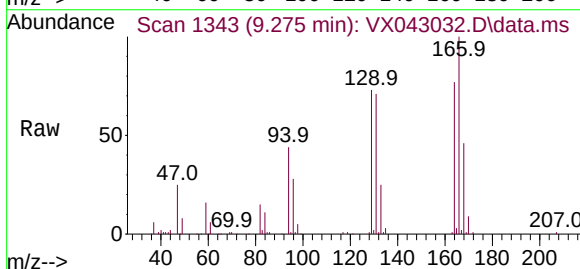
Ion Ratio Lower Upper

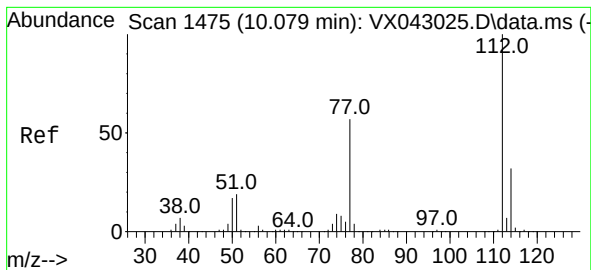
164 100

166 129.7 102.7 154.1

129 95.1 80.4 120.6

131 92.7 76.5 114.7

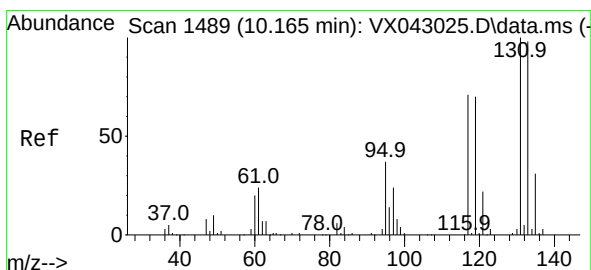
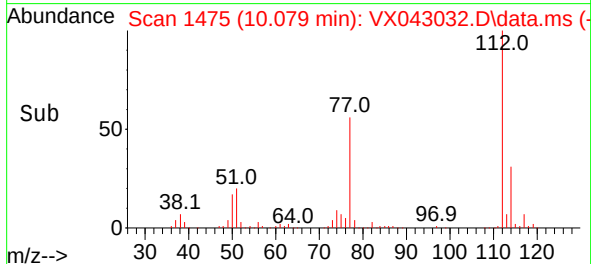
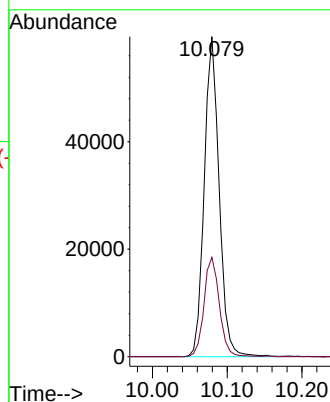
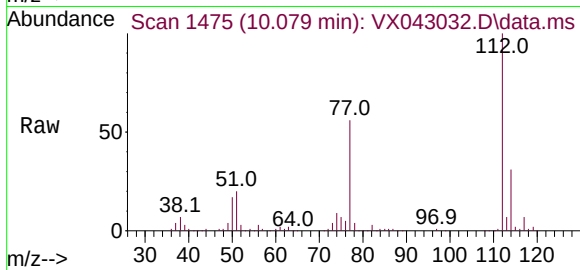




#65  
Chlorobenzene  
Concen: 19.606 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

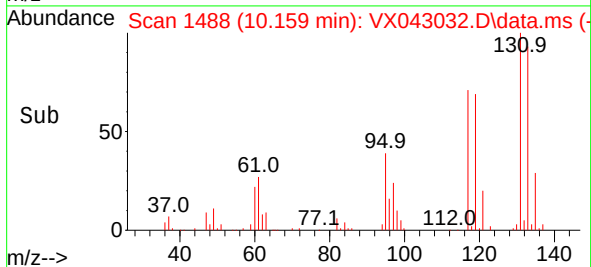
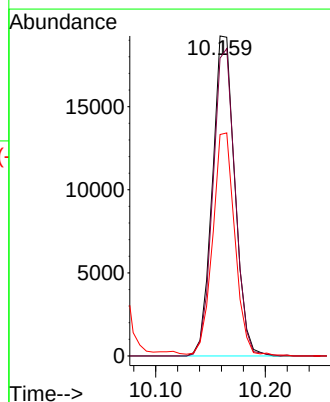
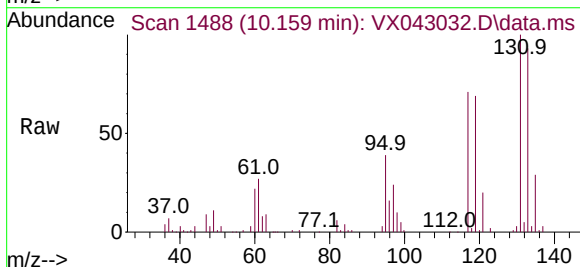
Instrument :  
MSVOA\_X  
ClientSampleId :

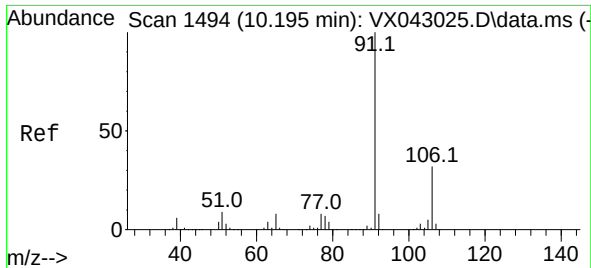
Tgt Ion:112 Resp: 82313  
Ion Ratio Lower Upper  
112 100  
114 31.1 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.371 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Tgt Ion:131 Resp: 27403  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.1 141.4  
119 69.2 32.2 96.6





#67

Ethyl Benzene

Concen: 19.621 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

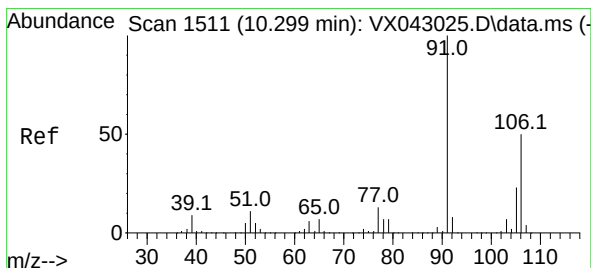
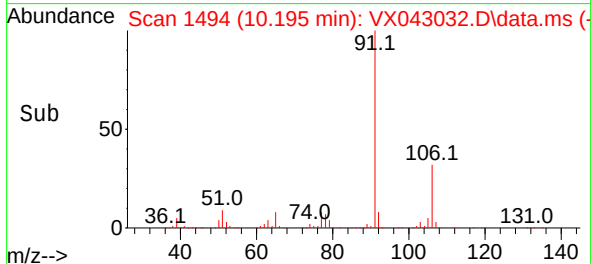
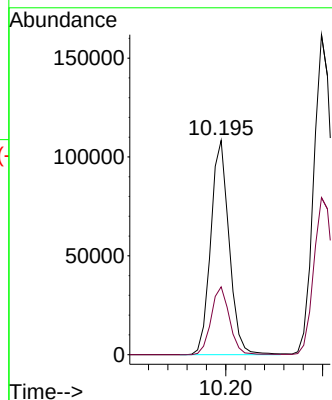
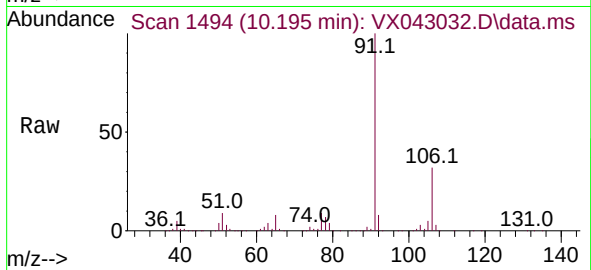
ClientSampleId :

Tgt Ion: 91 Resp: 143150

Ion Ratio Lower Upper

91 100

106 31.6 24.9 37.3



#68

m/p-Xylenes

Concen: 39.640 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043032.D

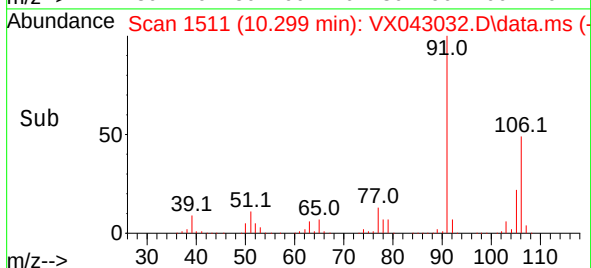
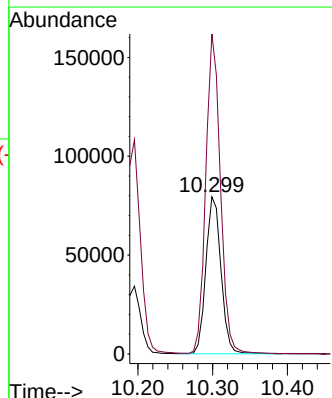
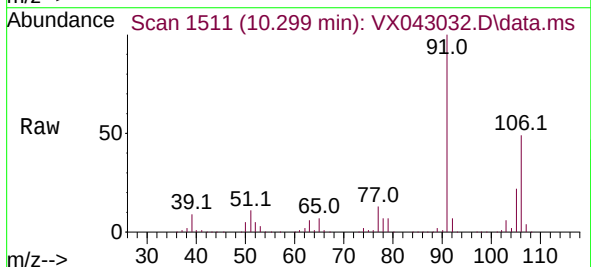
Acq: 14 Aug 2024 15:29

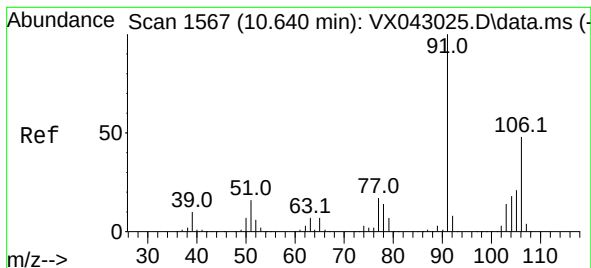
Tgt Ion:106 Resp: 111208

Ion Ratio Lower Upper

106 100

91 198.3 165.5 248.3





#69

o-Xylene

Concen: 19.584 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

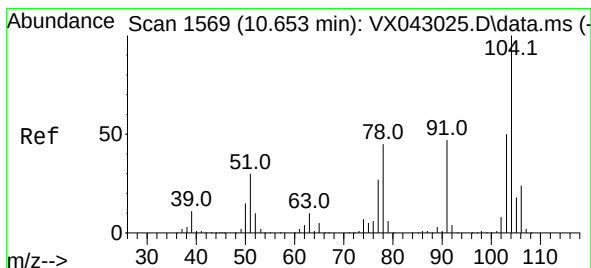
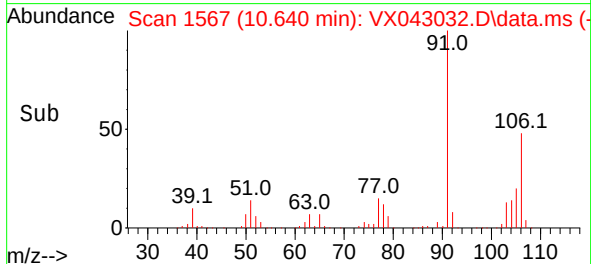
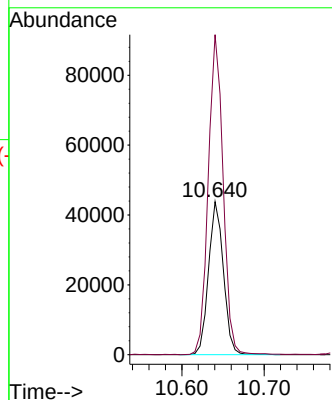
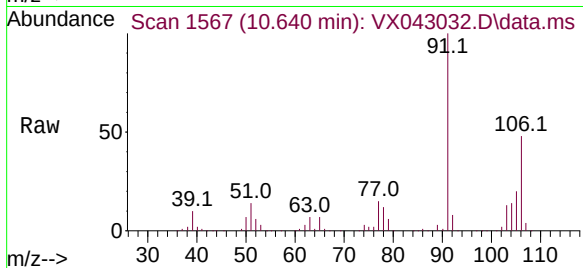
ClientSampleId :

Tgt Ion:106 Resp: 55194

Ion Ratio Lower Upper

106 100

91 209.0 108.9 326.8



#70

Styrene

Concen: 19.398 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

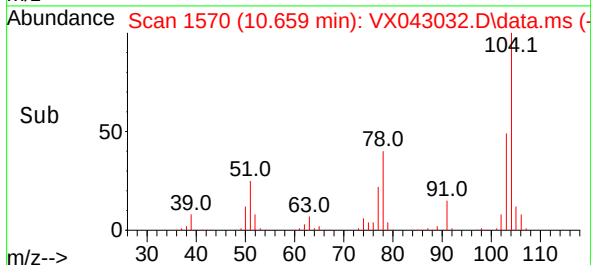
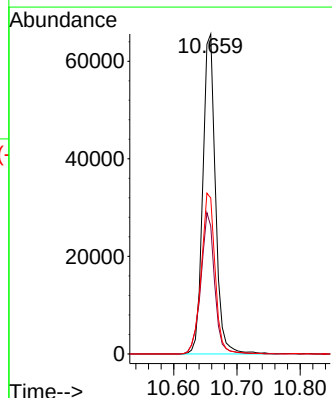
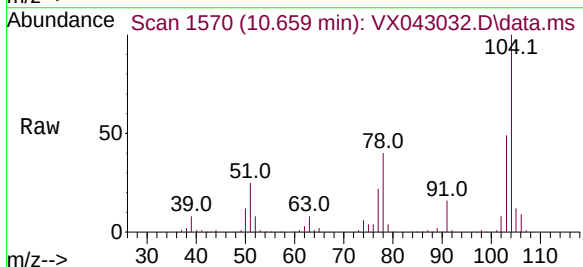
Tgt Ion:104 Resp: 91660

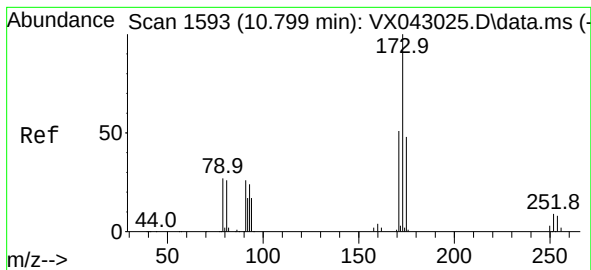
Ion Ratio Lower Upper

104 100

78 47.8 43.6 65.4

103 55.2 43.6 65.4





#71

Bromoform

Concen: 18.912 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

ClientSampleId :

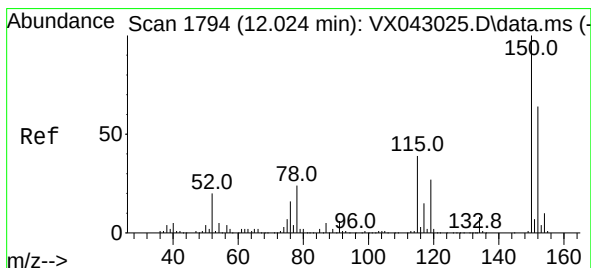
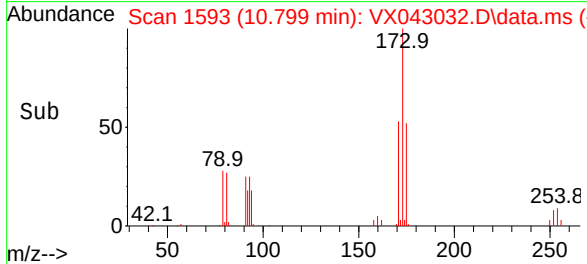
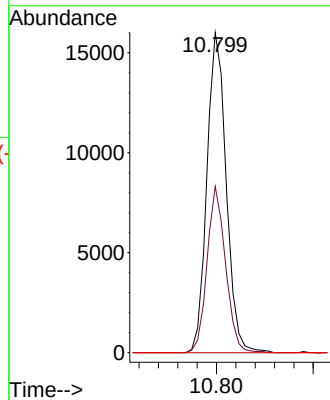
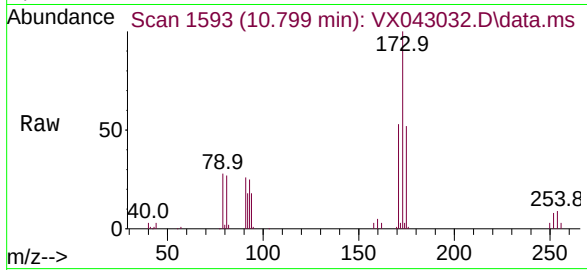
Tgt Ion:173 Resp: 22219

Ion Ratio Lower Upper

173 100

175 49.7 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: VX043032.D

Acq: 14 Aug 2024 15:29

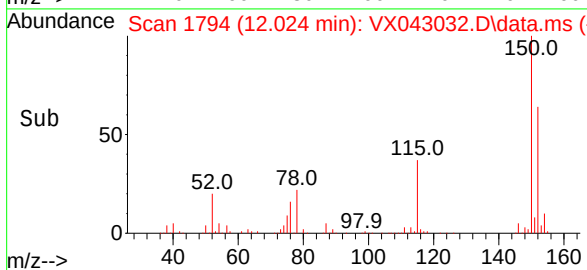
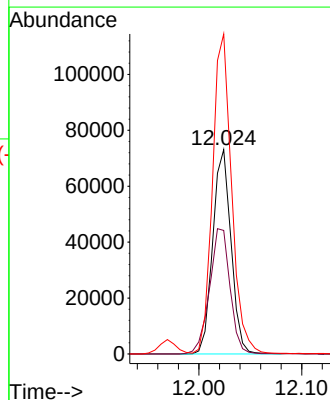
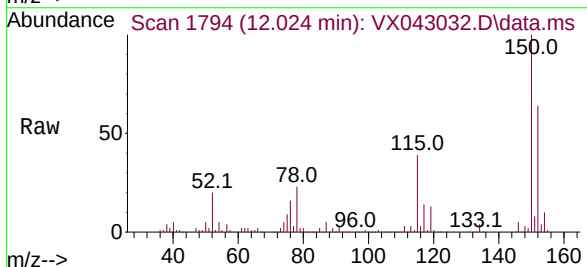
Tgt Ion:152 Resp: 90142

Ion Ratio Lower Upper

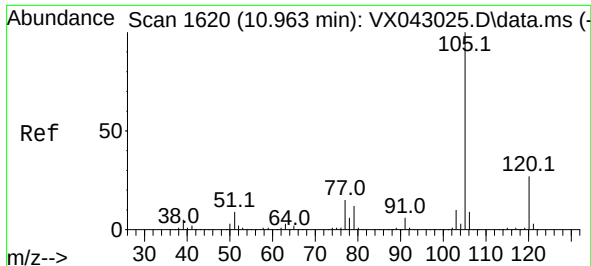
152 100

115 68.7 43.3 129.9

150 163.3 0.0 345.0



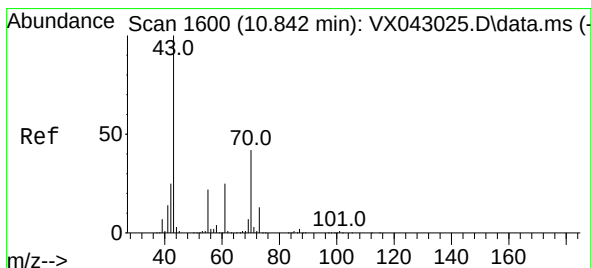
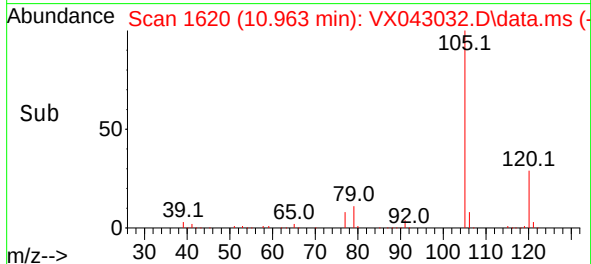
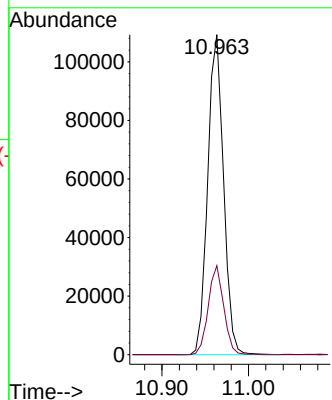
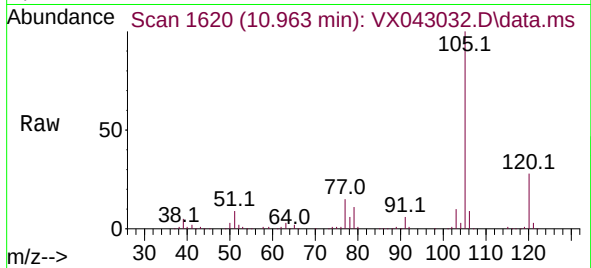




#73  
Isopropylbenzene  
Concen: 20.180 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

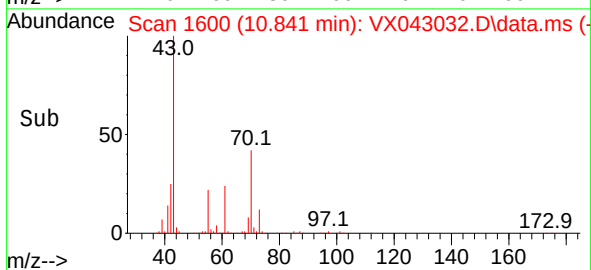
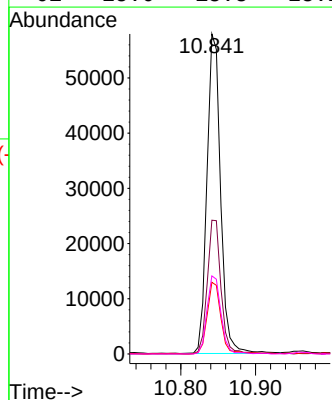
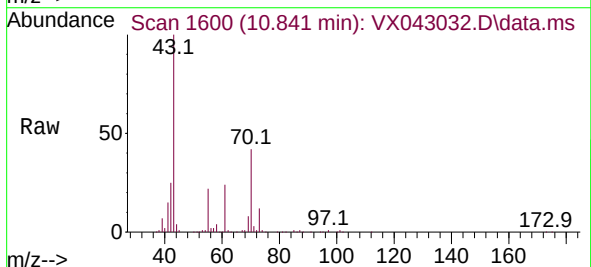
Instrument :  
MSVOA\_X  
ClientSampleId :

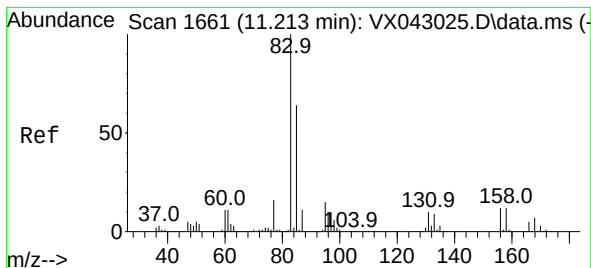
Tgt Ion:105 Resp: 138762  
Ion Ratio Lower Upper  
105 100  
120 27.2 12.9 38.6



#74  
N-ethyl acetate  
Concen: 18.711 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Tgt Ion: 43 Resp: 73283  
Ion Ratio Lower Upper  
43 100  
70 42.4 32.9 49.3  
55 23.0 19.3 28.9  
61 25.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.829 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

ClientSampleId :

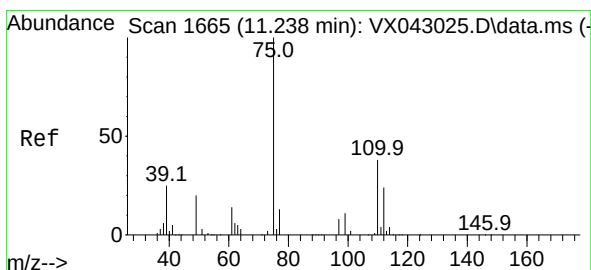
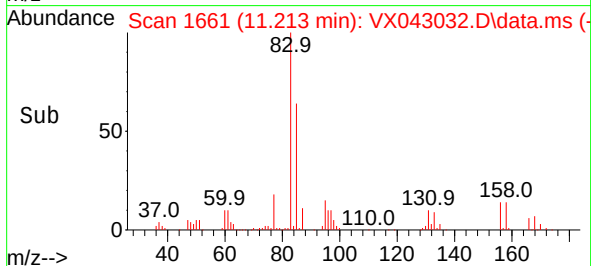
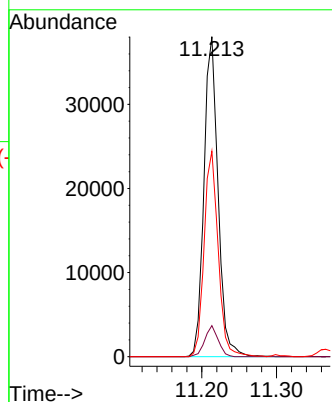
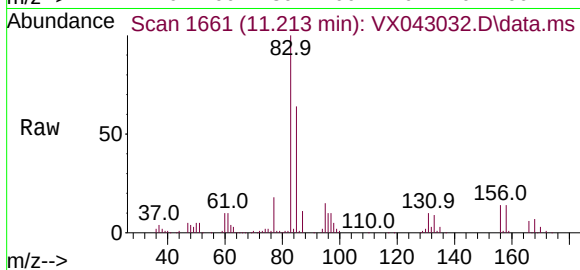
Tgt Ion: 83 Resp: 49836

Ion Ratio Lower Upper

83 100

131 9.2 5.3 15.8

85 64.0 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 25.932 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX043032.D

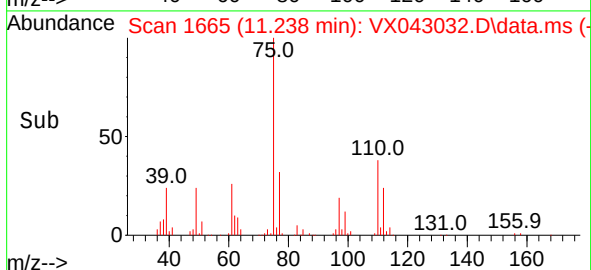
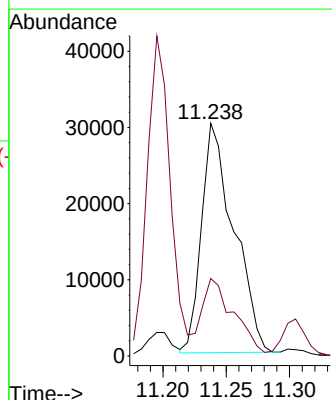
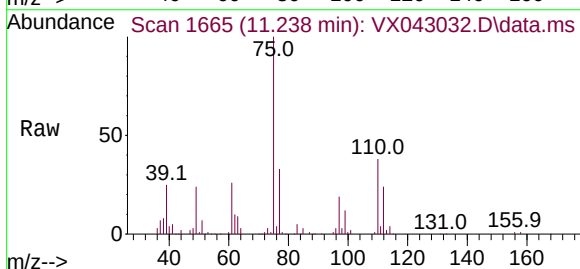
Acq: 14 Aug 2024 15:29

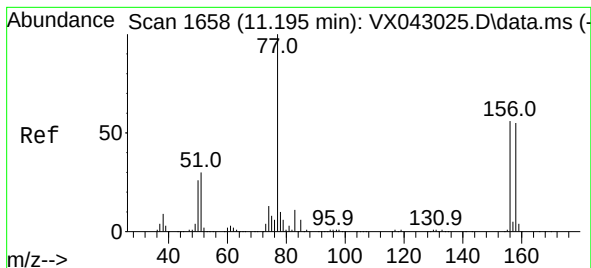
Tgt Ion: 75 Resp: 53573

Ion Ratio Lower Upper

75 100

77 34.0 19.1 57.5





#77

Bromobenzene

Concen: 19.819 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

ClientSampleId :

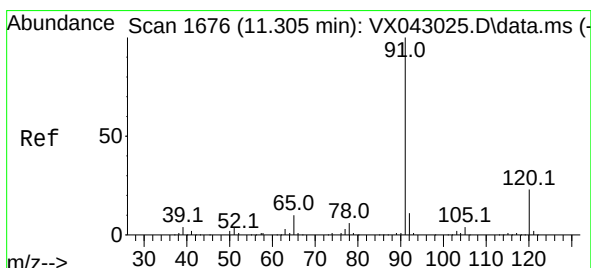
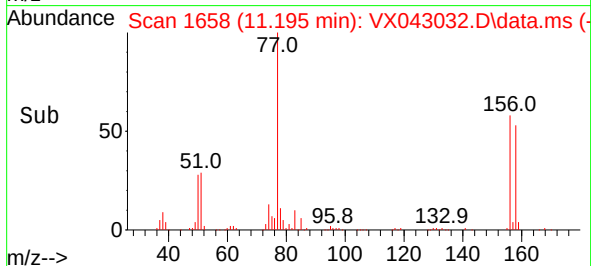
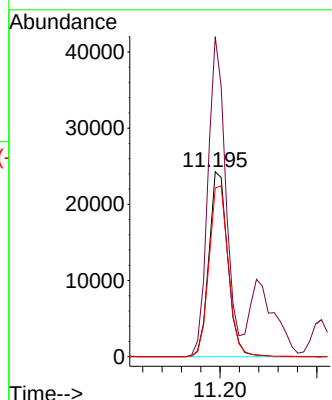
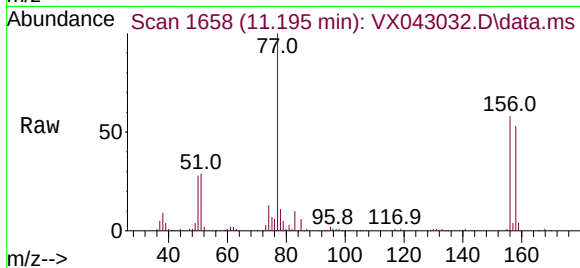
Tgt Ion:156 Resp: 32739

Ion Ratio Lower Upper

156 100

77 163.2 88.4 265.3

158 95.5 48.0 144.0



#78

n-propylbenzene

Concen: 20.125 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX043032.D

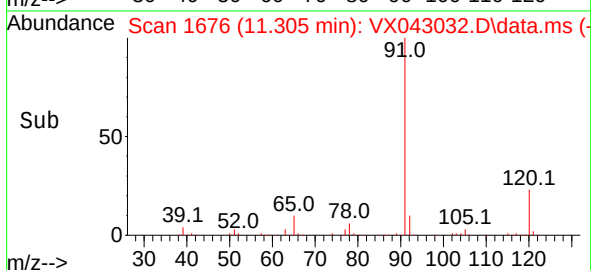
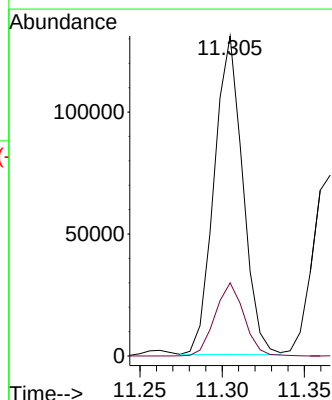
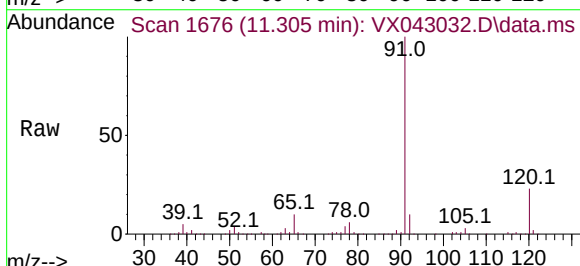
Acq: 14 Aug 2024 15:29

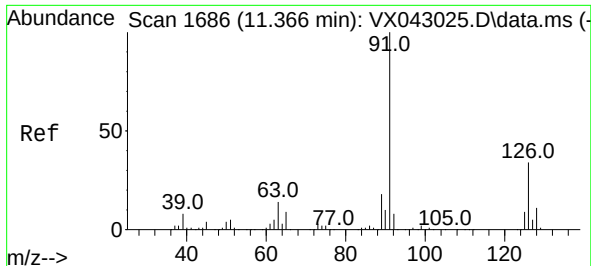
Tgt Ion: 91 Resp: 157712

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.196 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

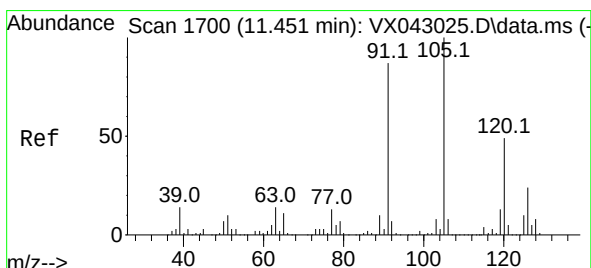
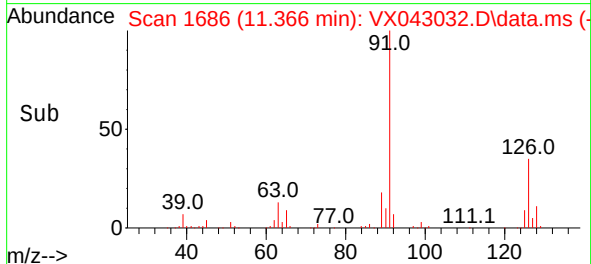
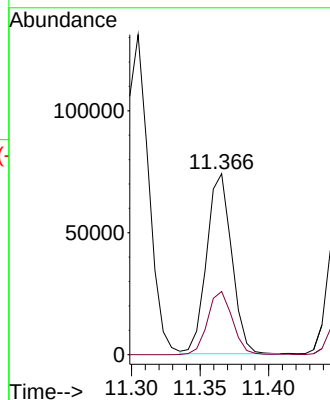
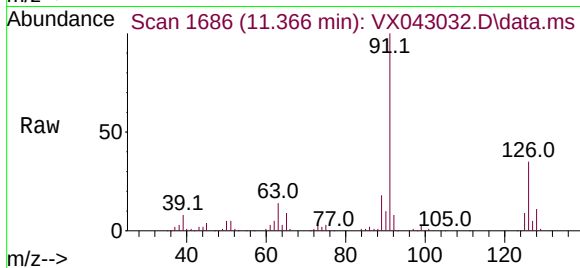
ClientSampleId :

Tgt Ion: 91 Resp: 93623

Ion Ratio Lower Upper

91 100

126 34.9 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 19.904 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043032.D

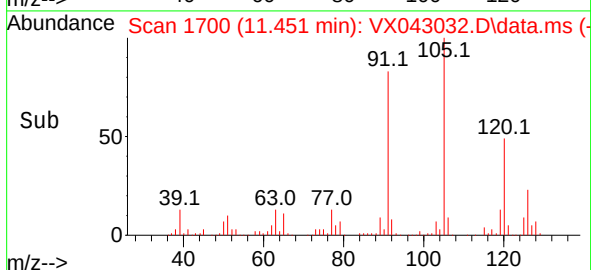
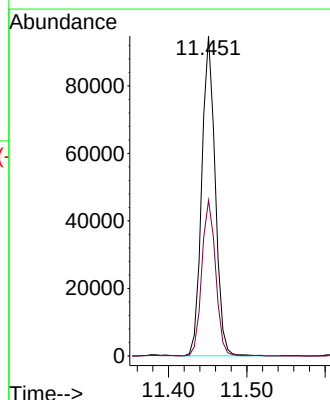
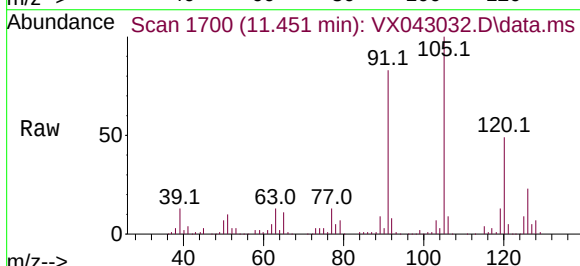
Acq: 14 Aug 2024 15:29

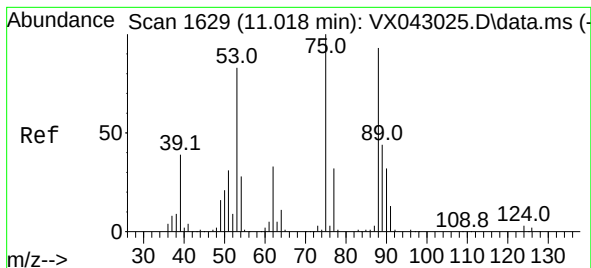
Tgt Ion:105 Resp: 112746

Ion Ratio Lower Upper

105 100

120 49.7 24.1 72.3

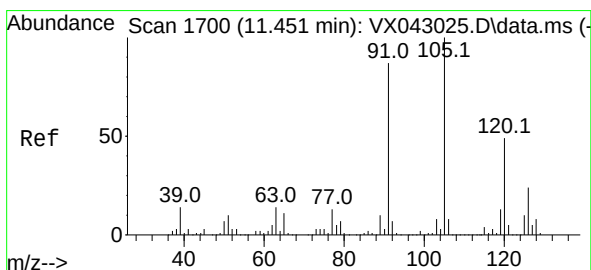
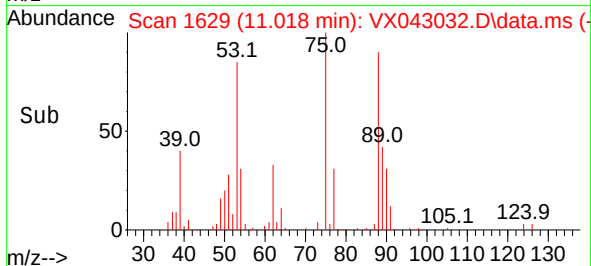
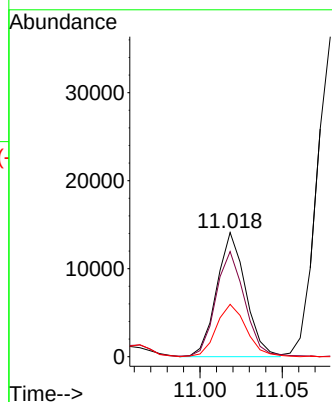
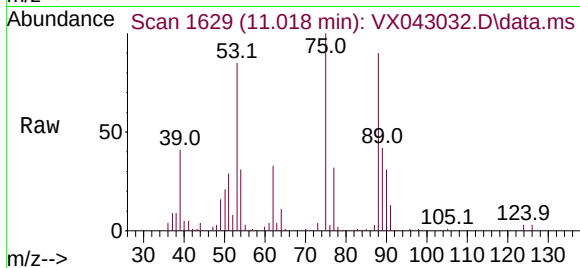




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.241 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

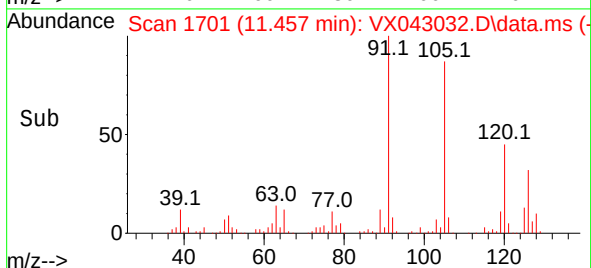
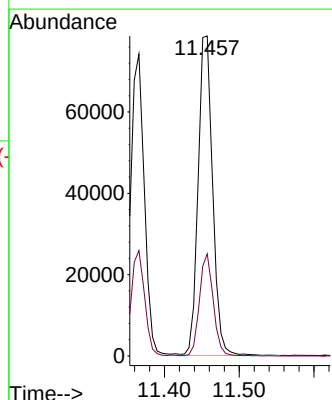
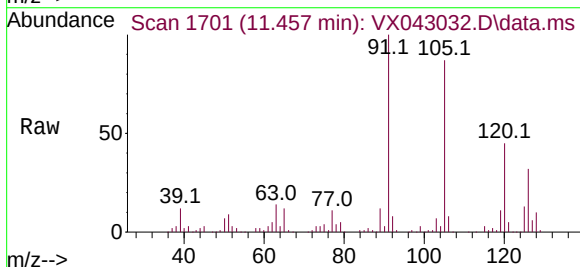
Instrument :  
MSVOA\_X  
ClientSampleId :

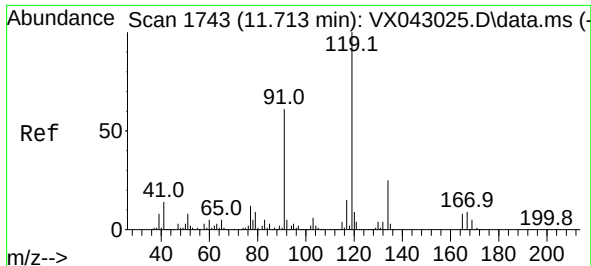
Tgt Ion: 75 Resp: 17277  
Ion Ratio Lower Upper  
75 100  
53 84.8 90.5 135.7#  
89 43.8 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 19.505 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Tgt Ion: 91 Resp: 106005  
Ion Ratio Lower Upper  
91 100  
126 30.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.769 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

ClientSampleId :

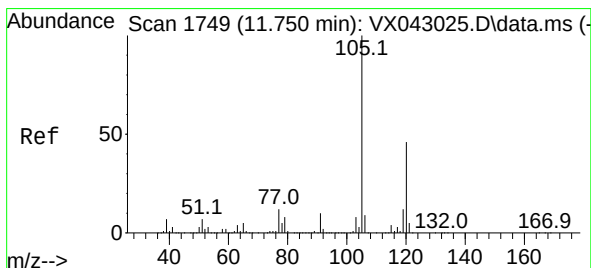
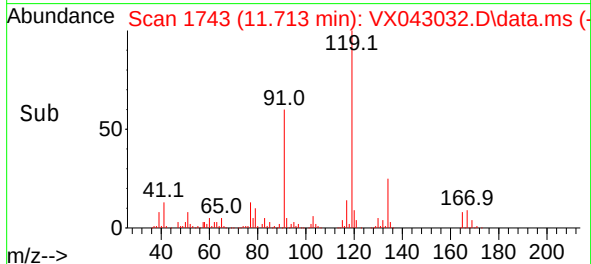
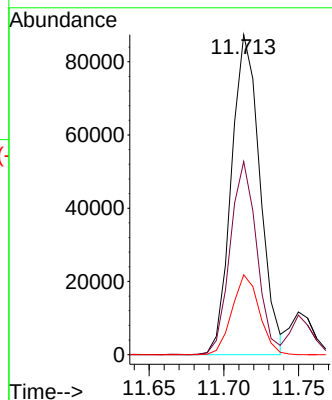
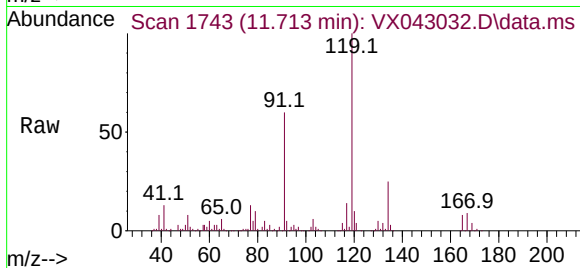
Tgt Ion:119 Resp: 115899

Ion Ratio Lower Upper

119 100

91 56.7 31.2 93.6

134 23.9 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 19.576 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043032.D

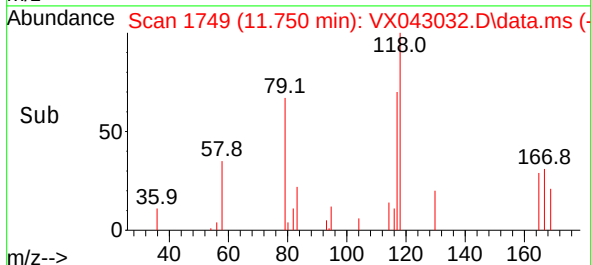
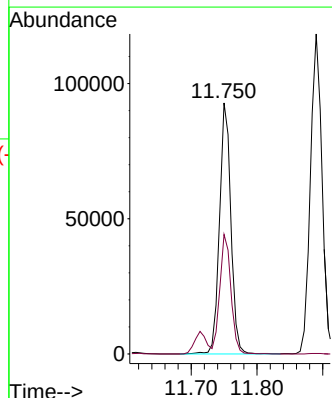
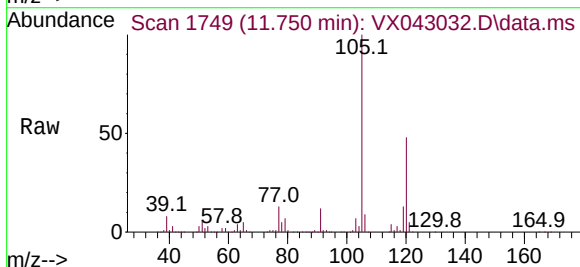
Acq: 14 Aug 2024 15:29

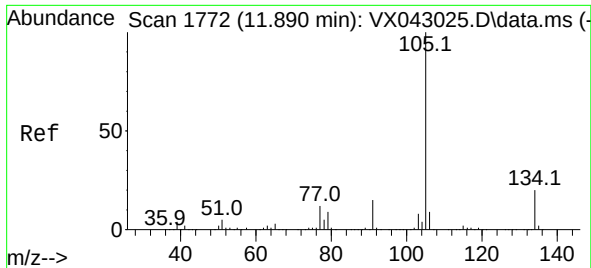
Tgt Ion:105 Resp: 111872

Ion Ratio Lower Upper

105 100

120 46.5 21.2 63.6

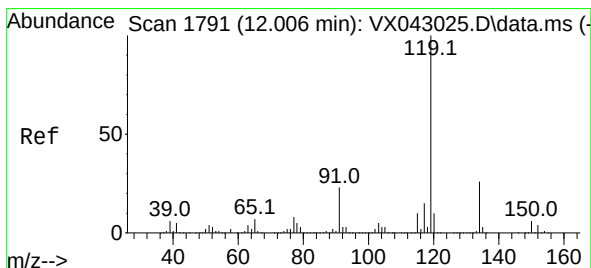
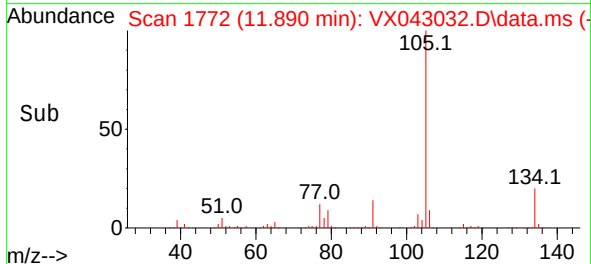
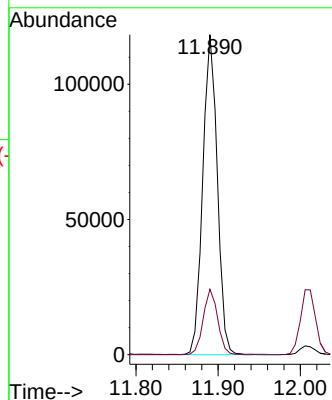
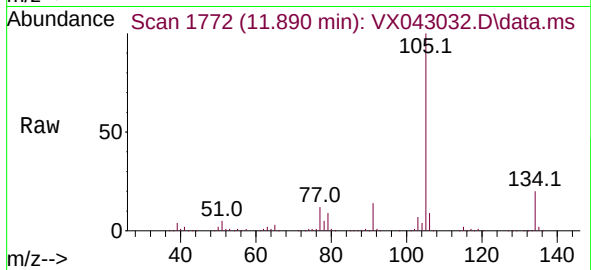




#85  
sec-Butylbenzene  
Concen: 20.397 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

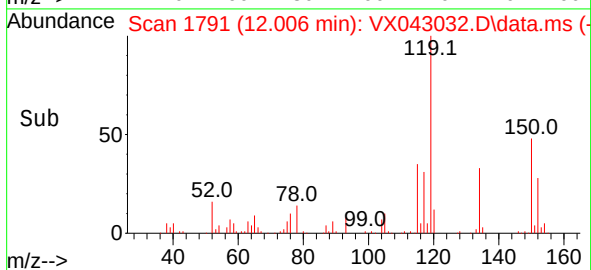
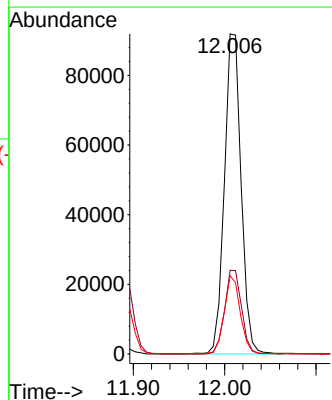
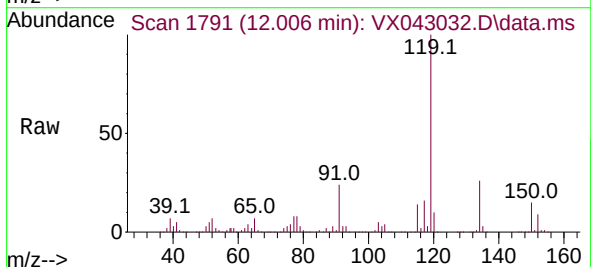
Instrument :  
MSVOA\_X  
ClientSampleId :

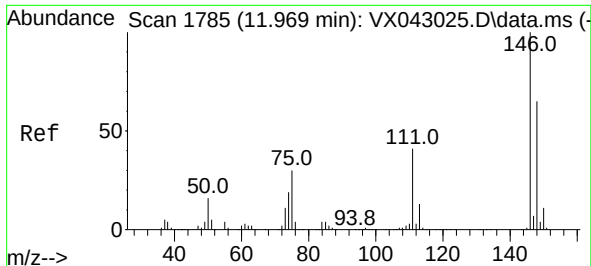
Tgt Ion:105 Resp: 145154  
Ion Ratio Lower Upper  
105 100  
134 20.3 9.8 29.4



#86  
p-Isopropyltoluene  
Concen: 20.169 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

Tgt Ion:119 Resp: 117269  
Ion Ratio Lower Upper  
119 100  
134 26.4 12.8 38.3  
91 23.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.620 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

ClientSampleId :

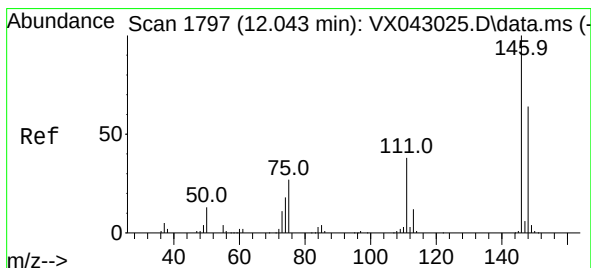
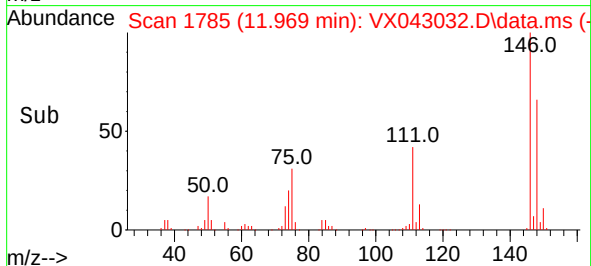
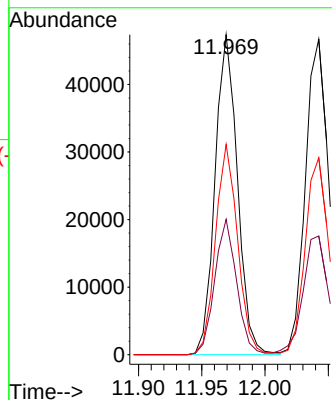
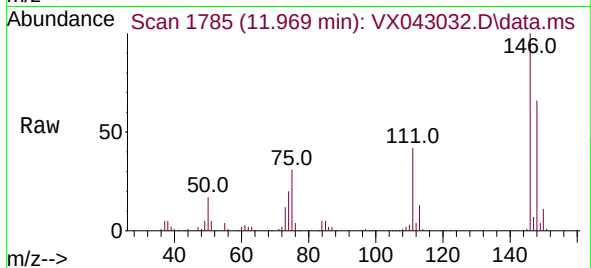
Tgt Ion:146 Resp: 58278

Ion Ratio Lower Upper

146 100

111 41.4 22.1 66.1

148 65.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.630 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

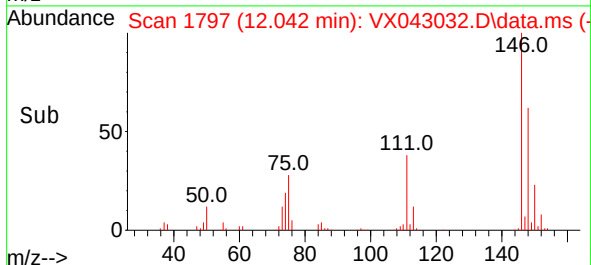
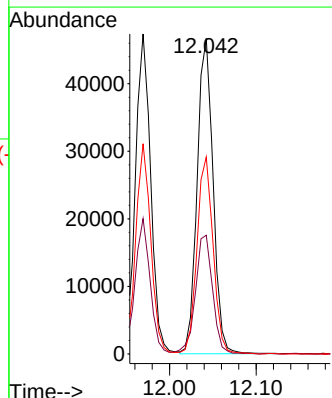
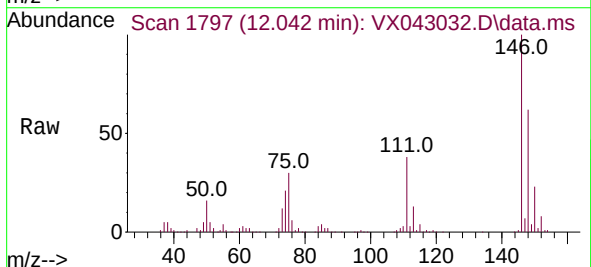
Tgt Ion:146 Resp: 59657

Ion Ratio Lower Upper

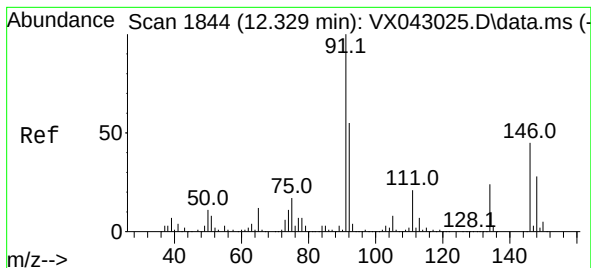
146 100

111 40.8 21.3 63.7

148 63.4 31.8 95.4







#89

n-Butylbenzene

Concen: 19.672 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

ClientSampleId :

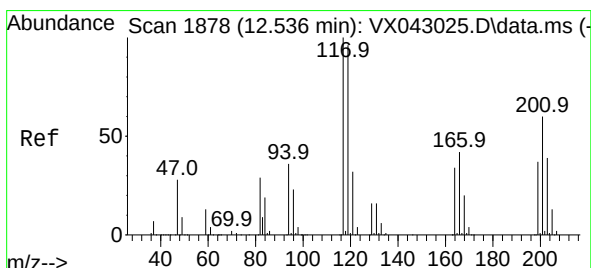
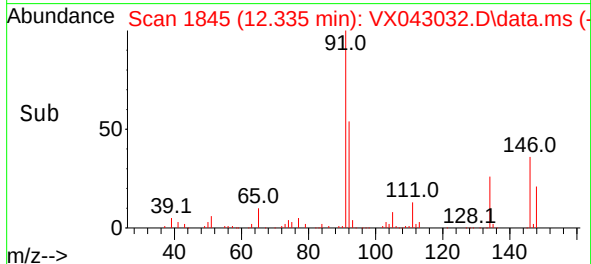
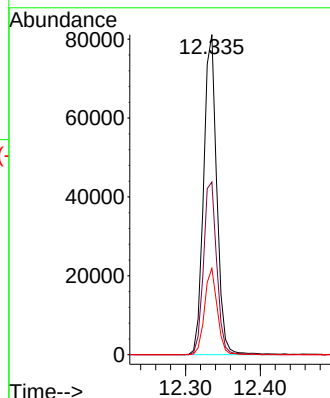
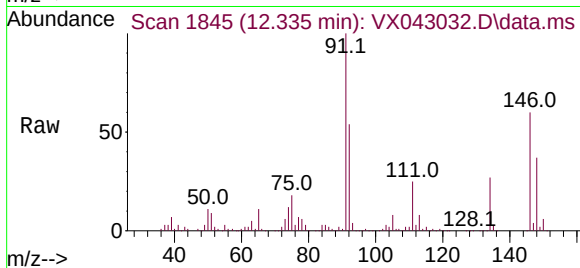
Tgt Ion: 91 Resp: 99012

Ion Ratio Lower Upper

91 100

92 54.6 27.4 82.0

134 26.0 12.6 37.8



#90

Hexachloroethane

Concen: 19.046 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX043032.D

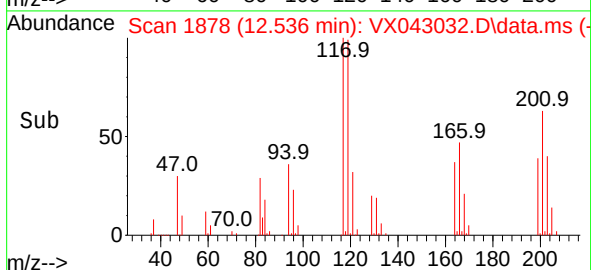
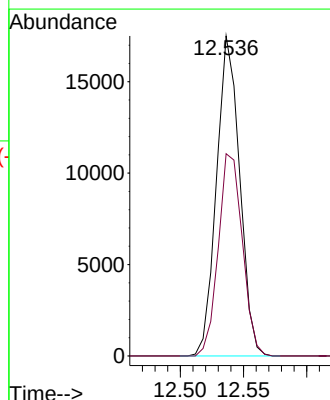
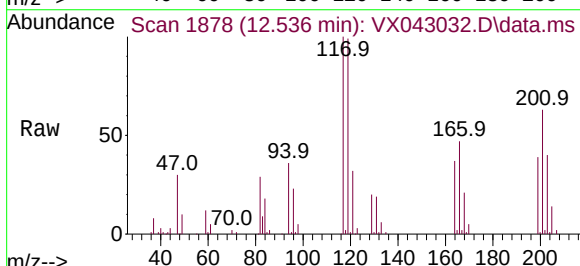
Acq: 14 Aug 2024 15:29

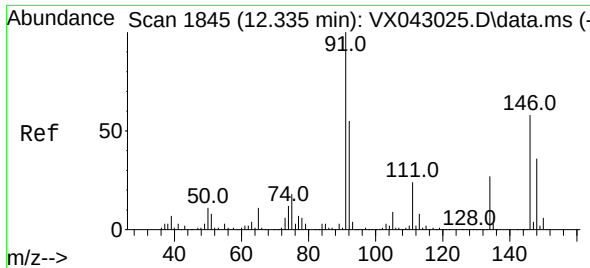
Tgt Ion: 117 Resp: 22242

Ion Ratio Lower Upper

117 100

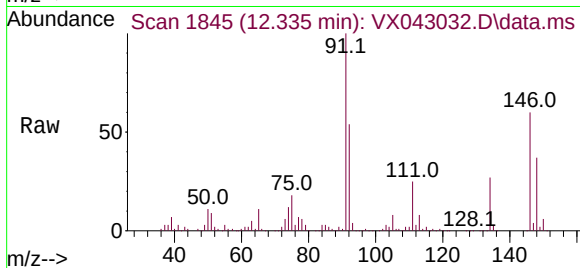
201 65.7 32.9 98.6



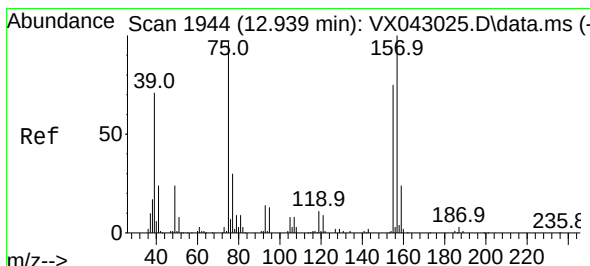
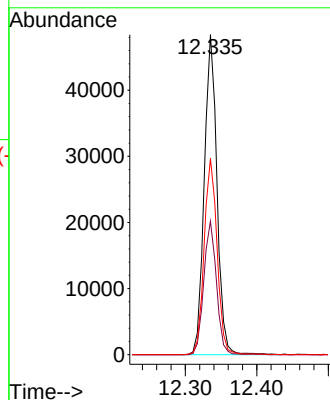
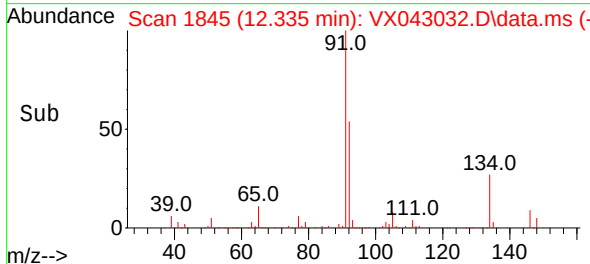


#91  
1,2-Dichlorobenzene  
Concen: 19.965 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29

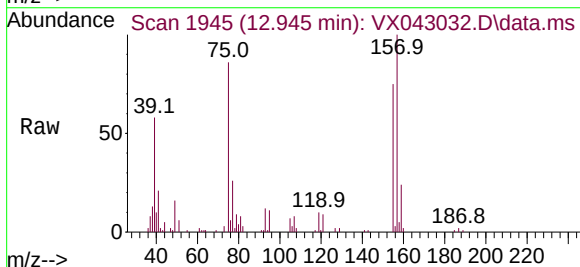
Instrument :  
MSVOA\_X  
ClientSampleId :



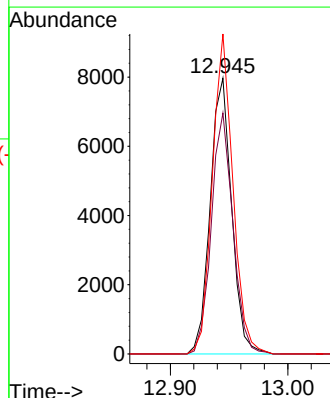
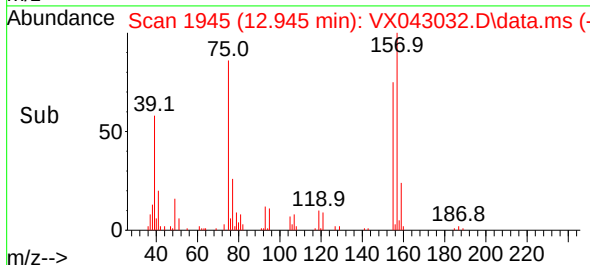
Tgt Ion:146 Resp: 59791  
Ion Ratio Lower Upper  
146 100  
111 41.5 22.4 67.0  
148 62.4 31.6 95.0

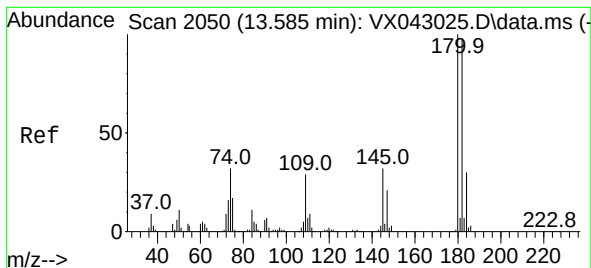


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.481 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX043032.D  
Acq: 14 Aug 2024 15:29



Tgt Ion: 75 Resp: 10087  
Ion Ratio Lower Upper  
75 100  
155 87.9 36.1 108.5  
157 111.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.671 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX043032.D

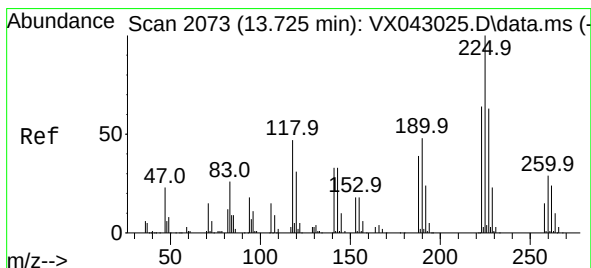
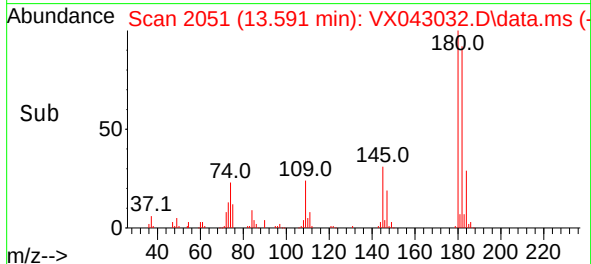
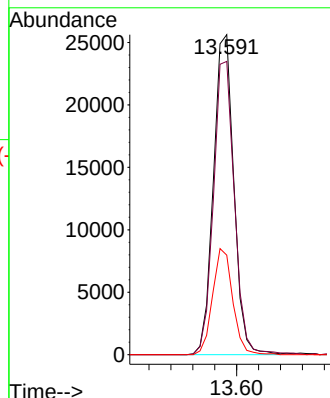
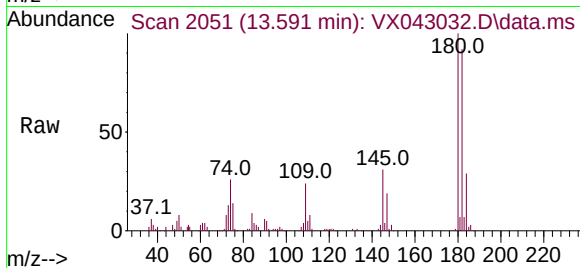
Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 33158      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 94.3  | 48.3 144.8 |
| 145         | 32.7  | 18.0 54.0  |



#94

Hexachlorobutadiene

Concen: 20.845 ug/l

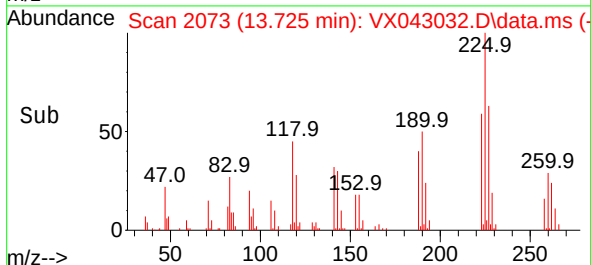
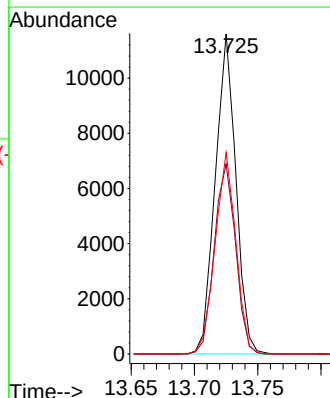
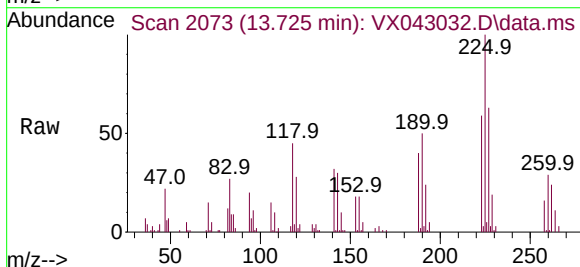
RT: 13.725 min Scan# 2073

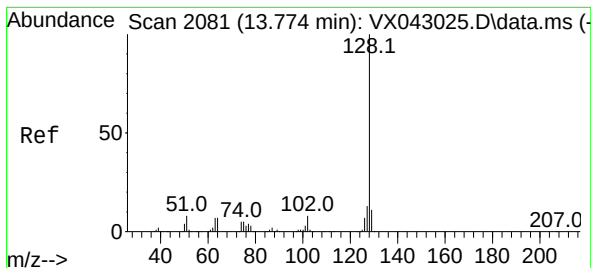
Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 13112     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 61.5  | 31.1 93.2 |
| 227         | 63.3  | 32.5 97.5 |





#95

Naphthalene

Concen: 19.291 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA\_X

ClientSampleId :

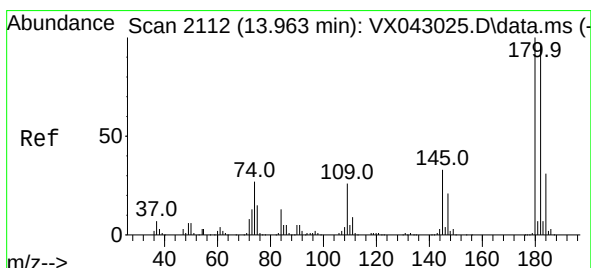
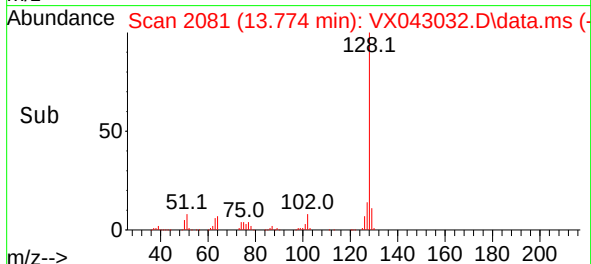
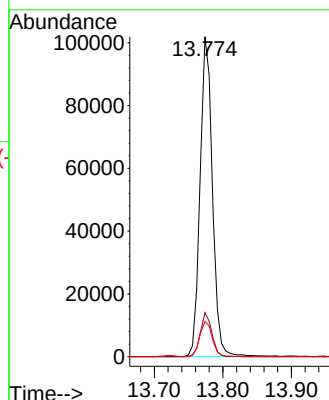
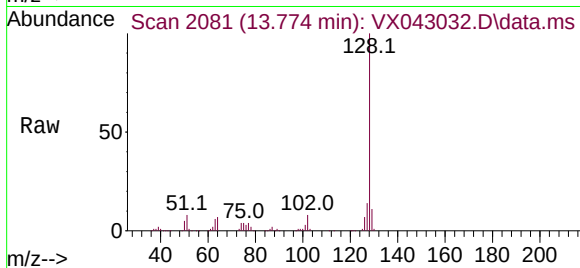
Tgt Ion:128 Resp: 128427

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.762 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Tgt Ion:180 Resp: 34072

Ion Ratio Lower Upper

180 100

182 96.3 46.9 140.6

145 33.2 17.8 53.5

