

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121124\  
 Data File : VX044225.D  
 Acq On : 11 Dec 2024 13:23  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Dec 12 04:31:17 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 12 04:28:14 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 109076   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 204703   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 181988   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 79067    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 93278    | 48.774   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 97.540%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 68222    | 48.120   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 96.240%  |
| 50) Toluene-d8              | 8.647  | 98    | 251569   | 52.595   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 105.200% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 87643    | 52.439   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 104.880% |

|                              |       |     |      |        |        |    |
|------------------------------|-------|-----|------|--------|--------|----|
| Target Compounds             |       |     |      | Qvalue |        |    |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 656  | 0.389  | ug/l   | 87 |
| 3) Chloromethane             | 1.301 | 50  | 728  | 0.451  | ug/l   | 94 |
| 4) Vinyl Chloride            | 1.374 | 62  | 722  | 0.430  | ug/l # | 63 |
| 5) Bromomethane              | 1.599 | 94  | 1283 | 1.076  | ug/l   | 93 |
| 6) Chloroethane              | 1.685 | 64  | 502  | 0.480  | ug/l # | 41 |
| 7) Trichlorofluoromethane    | 1.874 | 101 | 1211 | 0.368  | ug/l # | 79 |
| 8) Diethyl Ether             | 2.136 | 74  | 198  | 0.176  | ug/l # | 1  |
| 9) 1,1,2-Trichlorotrifluo... | 2.313 | 101 | 739  | 0.555  | ug/l   | 92 |
| 10) Methyl Iodide            | 2.447 | 142 | 1030 | 0.587  | ug/l # | 83 |
| 11) Tert butyl alcohol       | 2.947 | 59  | 4661 | 17.293 | ug/l # | 71 |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 758  | 0.620  | ug/l   | 87 |
| 13) Acrolein                 | 2.245 | 56  | 796  | 2.040  | ug/l   | 94 |
| 14) Allyl chloride           | 2.660 | 41  | 1097 | 0.539  | ug/l # | 89 |
| 15) Acrylonitrile            | 3.075 | 53  | 1614 | 2.162  | ug/l # | 84 |
| 16) Acetone                  | 2.386 | 43  | 1323 | 1.697  | ug/l # | 88 |
| 17) Carbon Disulfide         | 2.502 | 76  | 5755 | 2.476  | ug/l   | 98 |
| 18) Methyl Acetate           | 2.709 | 43  | 961  | 0.478  | ug/l # | 86 |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 424  | 0.089  | ug/l # | 56 |
| 20) Methylene Chloride       | 2.782 | 84  | 700  | 0.478  | ug/l # | 75 |
| 21) trans-1,2-Dichloroethene | 3.081 | 96  | 1662 | 1.279  | ug/l # | 81 |
| 22) Diisopropyl ether        | 3.770 | 45  | 502  | 0.109  | ug/l # | 13 |
| 23) Vinyl Acetate            | 3.751 | 43  | 2996 | 0.804  | ug/l # | 73 |
| 24) 1,1-Dichloroethane       | 3.617 | 63  | 776  | 0.304  | ug/l # | 82 |
| 25) 2-Butanone               | 4.617 | 43  | 803  | 0.724  | ug/l # | 50 |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 365  | 0.176  | ug/l   | 79 |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 647  | 0.392  | ug/l   | 76 |
| 28) Bromochloromethane       | 4.891 | 49  | 248  | 0.198  | ug/l # | 55 |
| 29) Tetrahydrofuran          | 5.019 | 42  | 438  | 0.616  | ug/l # | 48 |
| 30) Chloroform               | 5.105 | 83  | 858  | 0.299  | ug/l # | 82 |
| 31) Cyclohexane              | 5.464 | 56  | 512  | 0.248  | ug/l # | 56 |
| 32) 1,1,1-Trichloroethane    | 5.391 | 97  | 662  | 0.278  | ug/l # | 40 |
| 36) 1,1-Dichloropropene      | 5.684 | 75  | 633  | 0.345  | ug/l   | 89 |
| 37) Ethyl Acetate            | 4.727 | 43  | 180  | 0.079  | ug/l # | 71 |
| 38) Carbon Tetrachloride     | 5.678 | 117 | 582  | 0.295  | ug/l # | 54 |
| 39) Methylcyclohexane        | 7.373 | 83  | 973  | 0.444  | ug/l # | 70 |
| 40) Benzene                  | 6.050 | 78  | 1857 | 0.334  | ug/l # | 88 |

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 Acq On : 11 Dec 2024 13:23  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Dec 12 04:31:17 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 12 04:28:14 2024  
 Response via : Initial Calibration

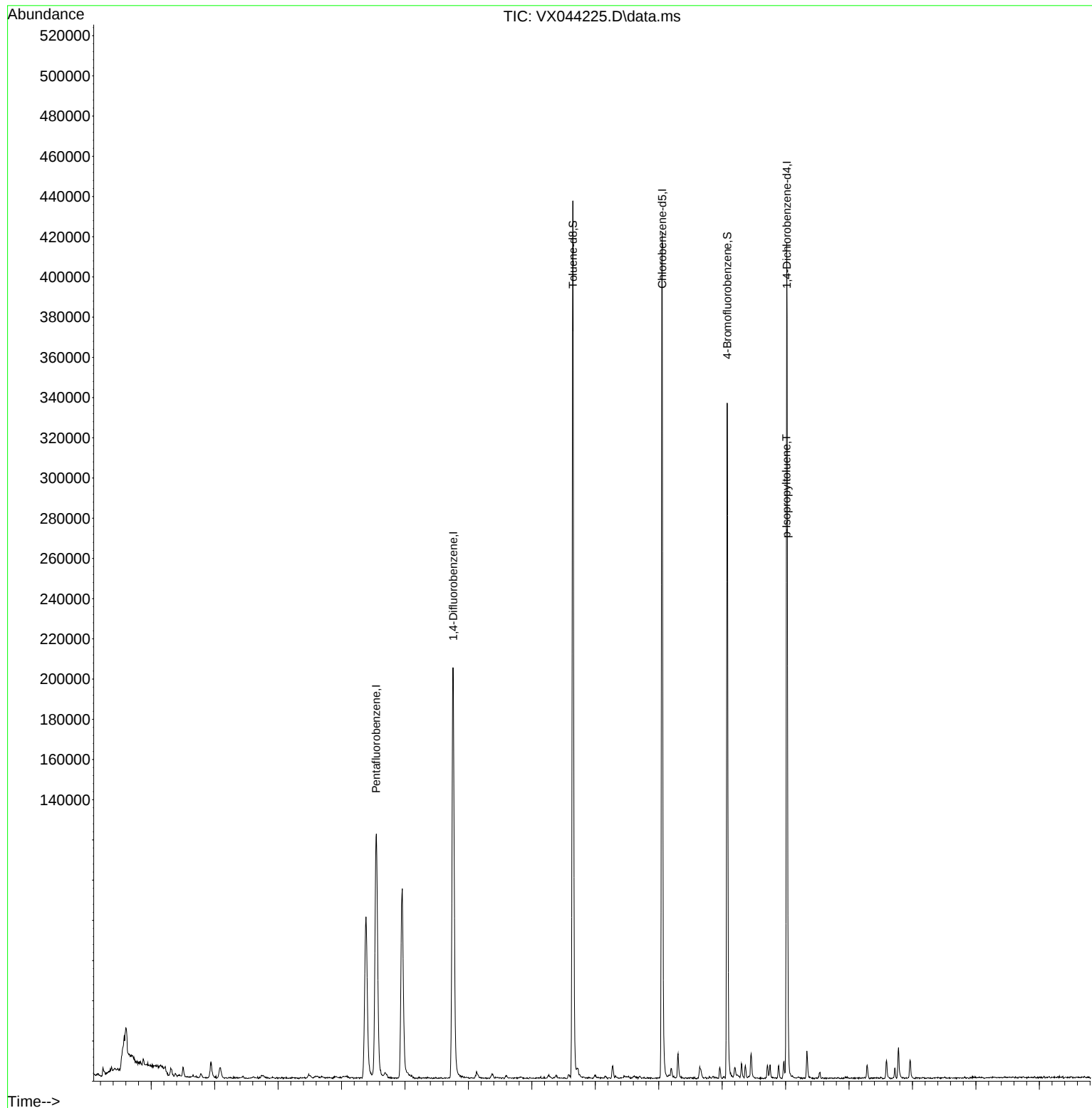
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 54       | 0.045 | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 6.098  | 62   | 940      | 0.410 | ug/l # | 78       |
| 43) Isopropyl Acetate         | 6.367  | 43   | 196      | 0.055 | ug/l # | 63       |
| 44) Trichloroethene           | 7.129  | 130  | 1451     | 1.046 | ug/l   | 72       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 200      | 0.141 | ug/l # | 44       |
| 46) Dibromomethane            | 7.598  | 93   | 481      | 0.436 | ug/l # | 80       |
| 47) Bromodichloromethane      | 7.830  | 83   | 535      | 0.281 | ug/l # | 89       |
| 48) Methyl methacrylate       | 7.690  | 41   | 37       | 0.022 | ug/l # | 1        |
| 49) 1,4-Dioxane               | 7.684  | 88   | 29       | 1.018 | ug/l # | 22       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 1297     | 0.570 | ug/l   | 98       |
| 52) Toluene                   | 8.720  | 92   | 1682     | 0.481 | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 8.988  | 75   | 955      | 1.478 | ug/l # | 72       |
| 54) cis-1,3-Dichloropropene   | 8.379  | 75   | 924      | 0.446 | ug/l # | 80       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 223      | 0.161 | ug/l # | 32       |
| 57) 1,3-Dichloropropane       | 9.317  | 76   | 463      | 0.192 | ug/l # | 78       |
| 58) 2-Chloroethyl Vinyl ether | 8.269  | 63   | 977      | 0.884 | ug/l # | 82       |
| 59) 2-Hexanone                | 9.464  | 43   | 1391     | 0.844 | ug/l   | 91       |
| 60) Dibromochloromethane      | 9.531  | 129  | 228      | 1.389 | ug/l   | 76       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 574      | 0.406 | ug/l   | 84       |
| 64) Tetrachloroethene         | 9.269  | 164  | 1272     | 1.053 | ug/l # | 65       |
| 65) Chlorobenzene             | 10.079 | 112  | 2770     | 0.710 | ug/l   | 93       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 396      | 0.316 | ug/l # | 49       |
| 67) Ethyl Benzene             | 10.195 | 91   | 3547     | 0.526 | ug/l   | 96       |
| 68) m/p-Xylenes               | 10.305 | 106  | 3022     | 1.222 | ug/l   | 97       |
| 69) o-Xylene                  | 10.646 | 106  | 1101     | 0.440 | ug/l   | 95       |
| 70) Styrene                   | 10.659 | 104  | 2095     | 0.522 | ug/l # | 85       |
| 71) Bromoform                 | 10.799 | 173  | 242      | 1.530 | ug/l # | 29       |
| 73) Isopropylbenzene          | 10.963 | 105  | 3119     | 0.515 | ug/l   | 89       |
| 74) N-amyl acetate            | 10.860 | 43   | 762      | 0.272 | ug/l # | 68       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 503      | 0.239 | ug/l # | 87       |
| 77) Bromobenzene              | 11.195 | 156  | 1095     | 0.746 | ug/l   | 90       |
| 78) n-propylbenzene           | 11.305 | 91   | 4895     | 0.732 | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 3333     | 0.770 | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 2940     | 0.586 | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 11.463 | 91   | 4128     | 0.862 | ug/l   | 91       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 2364     | 0.477 | ug/l   | 88       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 3222     | 0.654 | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 3837     | 0.637 | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 3056     | 0.610 | ug/l   | 83       |
| 87) 1,3-Dichlorobenzene       | 11.975 | 146  | 2948     | 1.150 | ug/l   | 91       |
| 88) 1,4-Dichlorobenzene       | 11.975 | 146  | 2948     | 1.119 | ug/l   | 91       |
| 89) n-Butylbenzene            | 12.335 | 91   | 3519     | 0.835 | ug/l   | 87       |
| 90) Hexachloroethane          | 12.542 | 117  | 254      | 0.347 | ug/l   | 69       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 1891     | 0.710 | ug/l   | 89       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.951 | 75   | 150      | 0.368 | ug/l # | 15       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 2154     | 1.476 | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 615      | 1.048 | ug/l   | 89       |
| 95) Naphthalene               | 13.780 | 128  | 10445    | 1.833 | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 2472     | 1.597 | ug/l   | 94       |

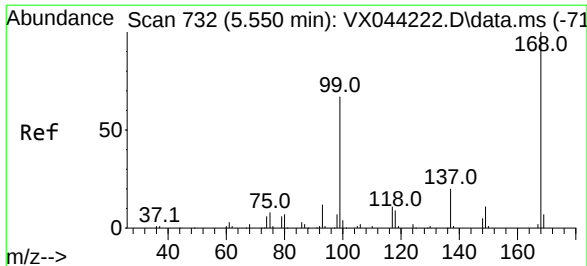
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121124\  
Data File : VX044225.D  
Acq On : 11 Dec 2024 13:23  
Operator : JC/MD  
Sample : IBLK  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

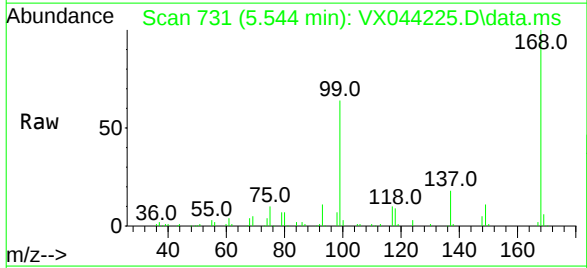
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 12 04:28:14 2024  
Response via : Initial Calibration



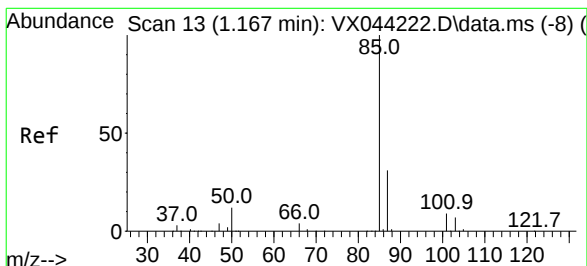
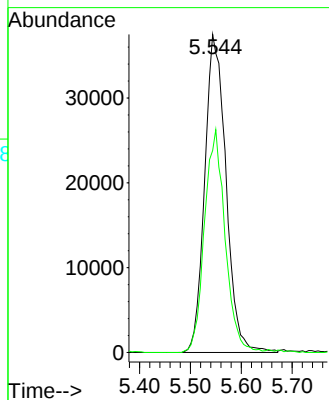
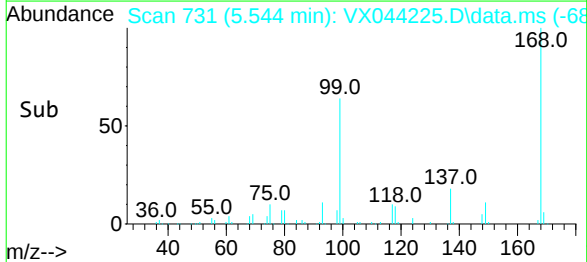


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 73  
Delta R.T. -0.006 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

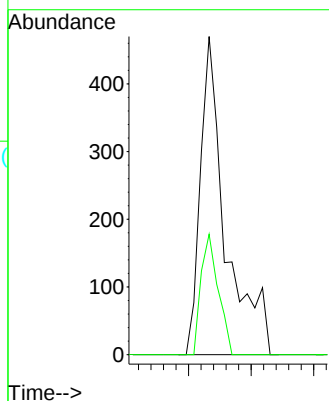
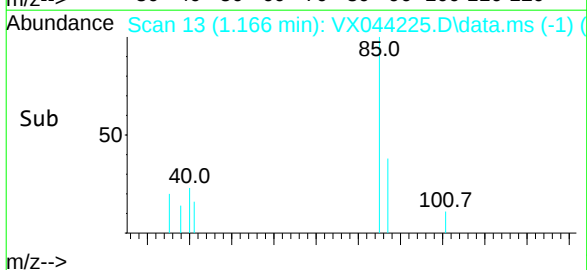
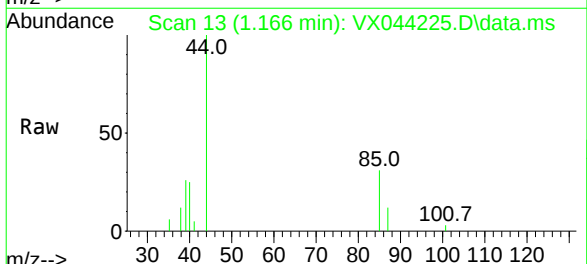


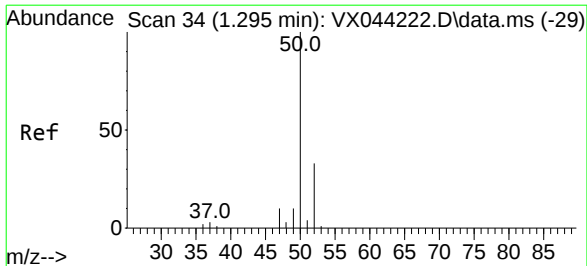
Tgt Ion:168 Resp: 109076  
Ion Ratio Lower Upper  
168 100  
99 63.5 53.4 80.0



#2  
Dichlorodifluoromethane  
Concen: 0.389 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

Tgt Ion: 85 Resp: 656  
Ion Ratio Lower Upper  
85 100  
87 37.9 15.4 46.4

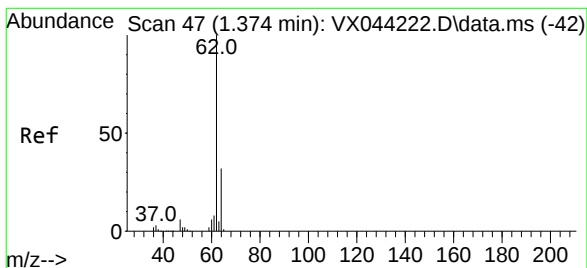
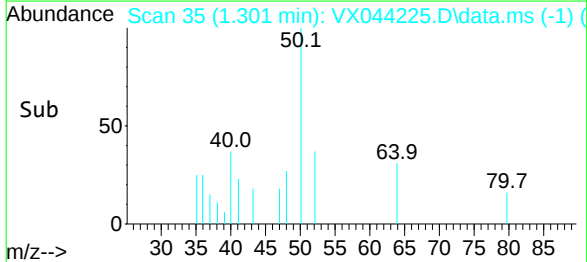
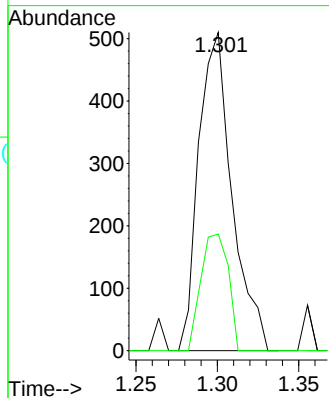
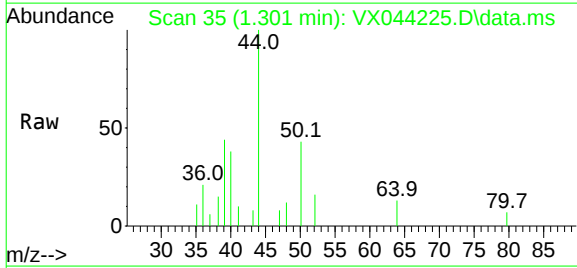




#3  
Chloromethane  
Concen: 0.451 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. 0.006 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

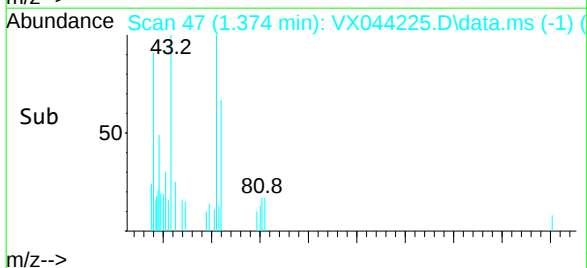
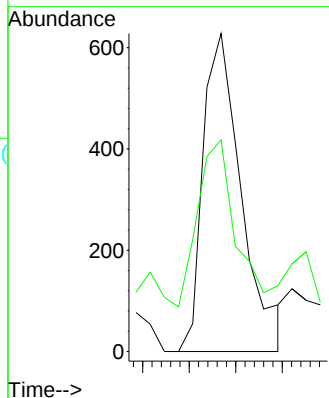
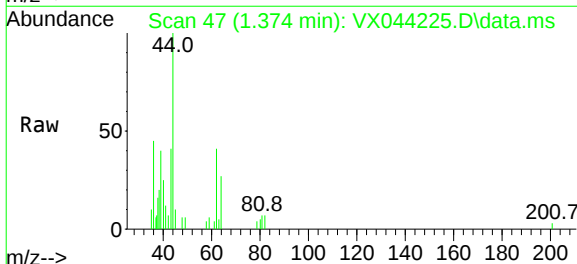
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

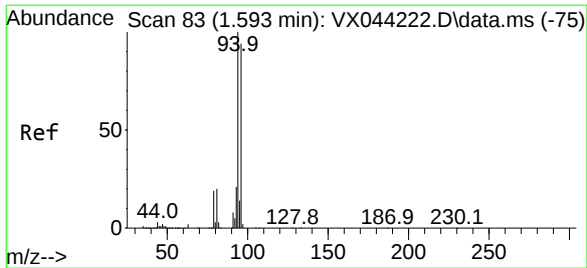
Tgt Ion: 50 Resp: 728  
Ion Ratio Lower Upper  
50 100  
52 36.7 26.5 39.7



#4  
Vinyl Chloride  
Concen: 0.430 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

Tgt Ion: 62 Resp: 722  
Ion Ratio Lower Upper  
62 100  
64 52.5 25.7 38.5#

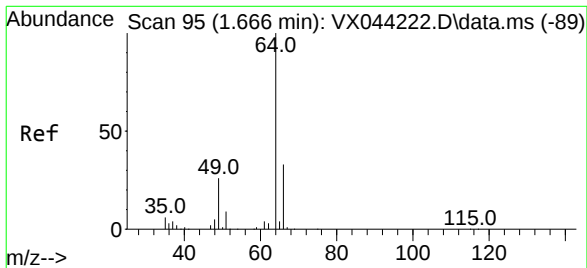
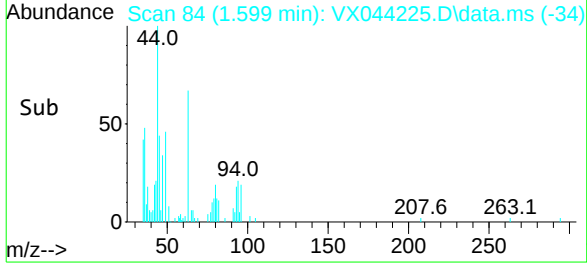
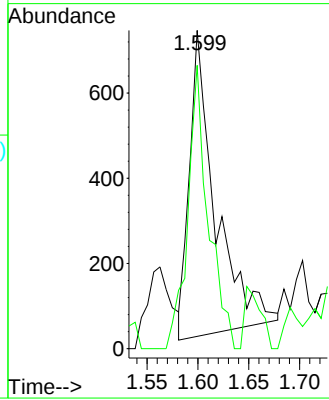
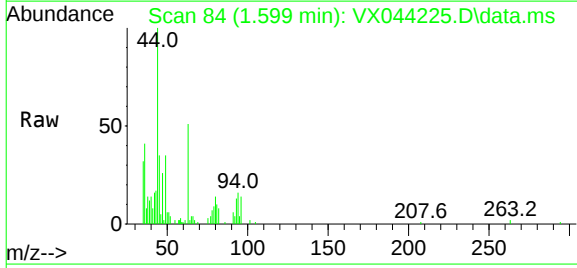




#5  
Bromomethane  
Concen: 1.076 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

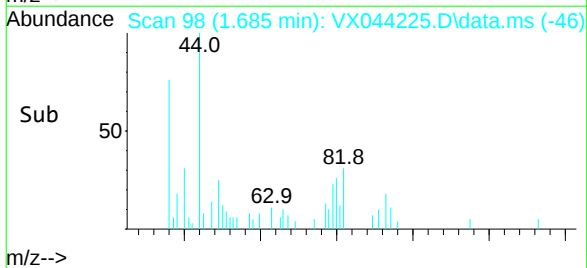
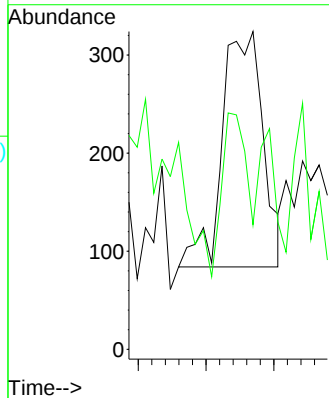
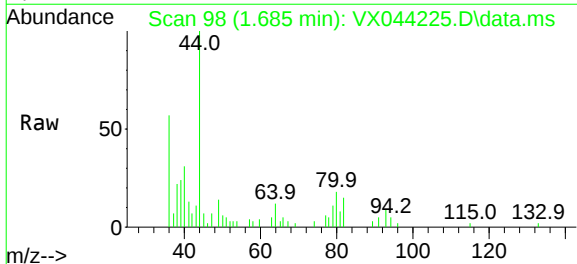
Instrument :  
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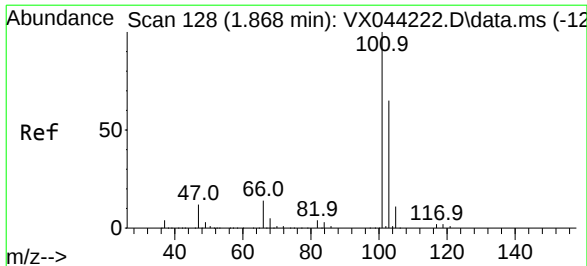
Tgt Ion: 94 Resp: 1283  
Ion Ratio Lower Upper  
94 100  
96 100.2 74.9 112.3



#6  
Chloroethane  
Concen: 0.480 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.018 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

Tgt Ion: 64 Resp: 502  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.6 39.8

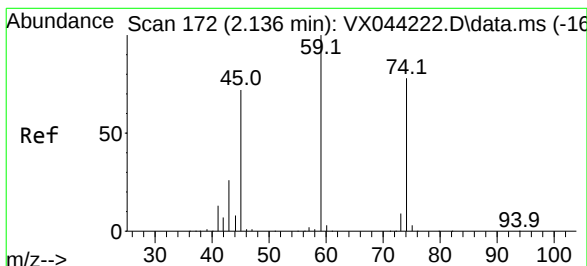
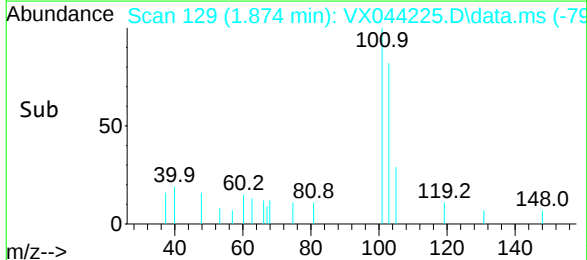
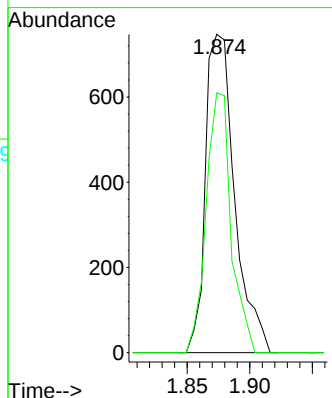
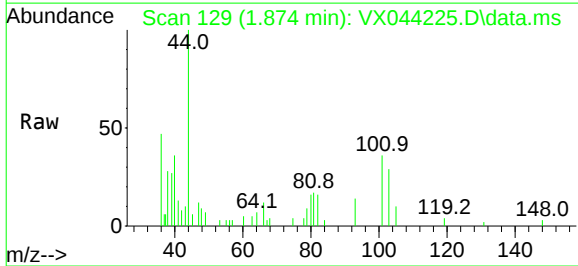




#7  
 Trichlorofluoromethane  
 Concen: 0.368 ug/l  
 RT: 1.874 min Scan# 12  
 Delta R.T. 0.006 min  
 Lab File: VX044225.D  
 Acq: 11 Dec 2024 13:23

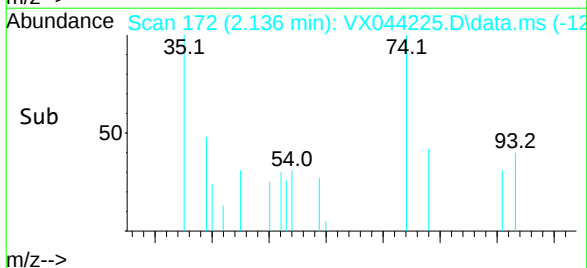
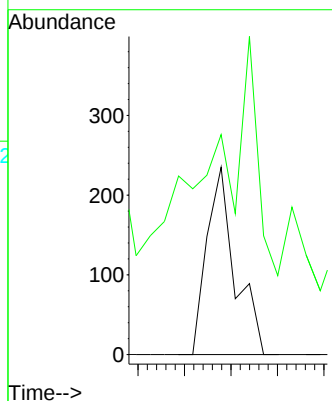
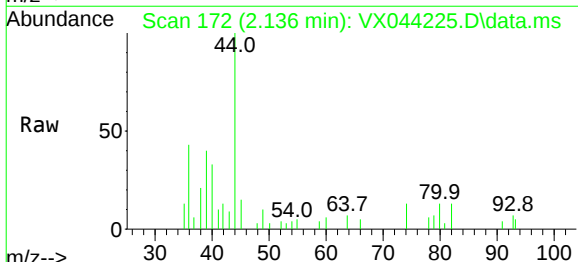
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

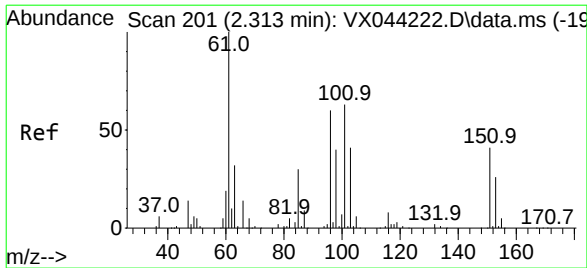
Tgt Ion:101 Resp: 1211  
 Ion Ratio Lower Upper  
 101 100  
 103 81.7 51.8 77.8#



#8  
 Diethyl Ether  
 Concen: 0.176 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX044225.D  
 Acq: 11 Dec 2024 13:23

Tgt Ion: 74 Resp: 198  
 Ion Ratio Lower Upper  
 74 100  
 45 355.6 48.4 145.0#

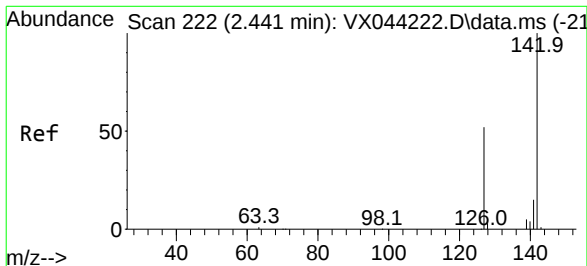
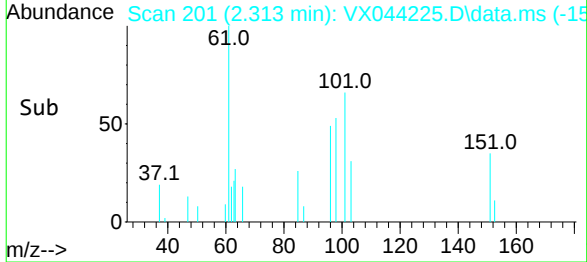
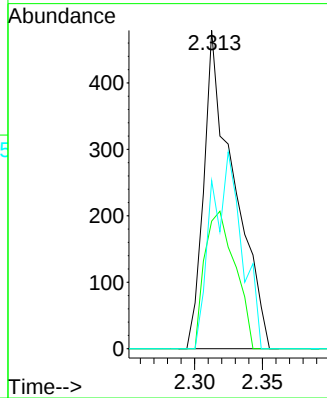
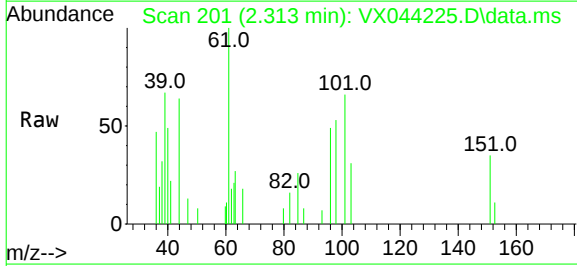




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.555 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

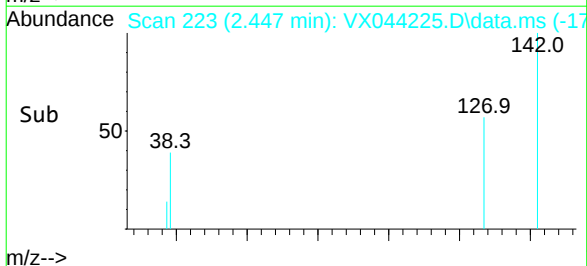
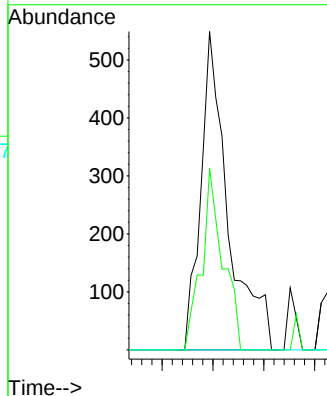
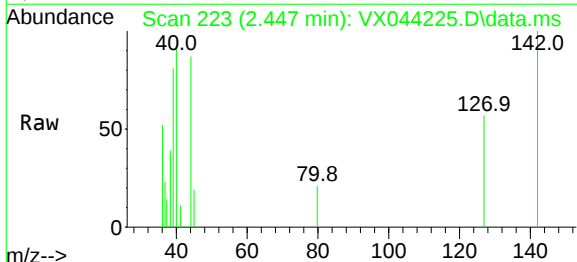
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

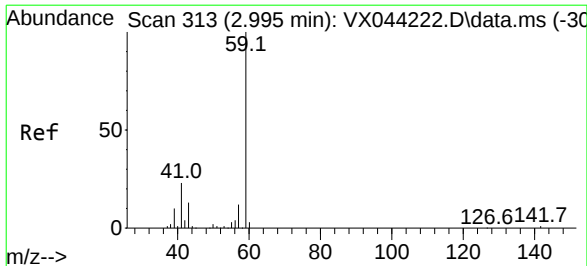
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 739   |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 43.7  | 38.5  | 57.7  |
| 151      | 62.4  | 55.8  | 83.6  |



#10  
Methyl Iodide  
Concen: 0.587 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. 0.006 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 1030  |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 44.2  | 41.8  | 62.8  |
| 141      | 0.0   | 11.5  | 17.3  |





#11

Tert butyl alcohol

Concen: 17.293 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Instrument :

MSVOA\_X

ClientSampleId :

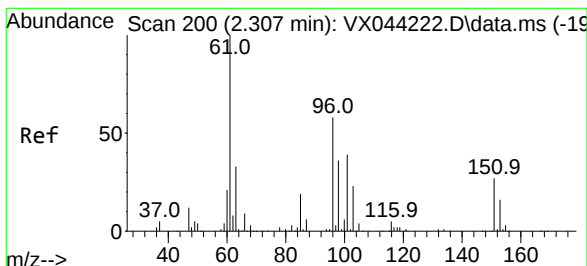
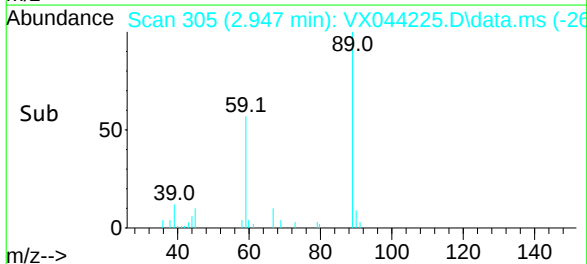
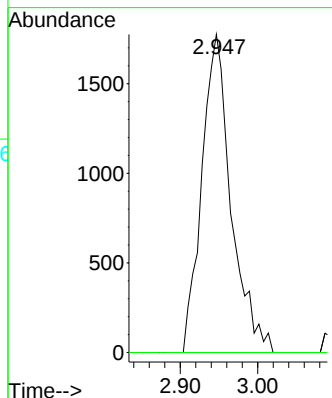
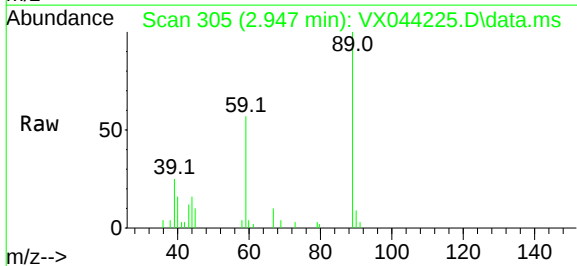
IBLK

Tgt Ion: 59 Resp: 4661

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#12

1,1-Dichloroethene

Concen: 0.620 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.012 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

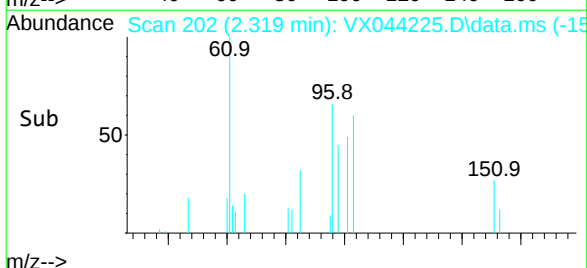
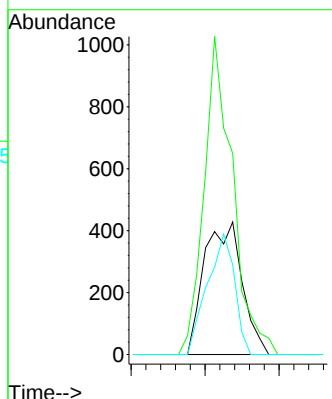
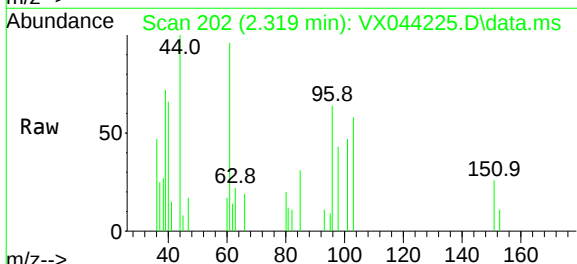
Tgt Ion: 96 Resp: 758

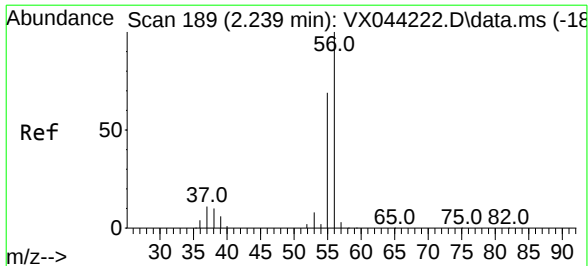
Ion Ratio Lower Upper

96 100

61 151.9 138.0 207.0

98 67.8 50.0 75.0





#13

Acrolein

Concen: 2.040 ug/l

RT: 2.245 min Scan# 19

Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Instrument :

MSVOA\_X

ClientSampleId :

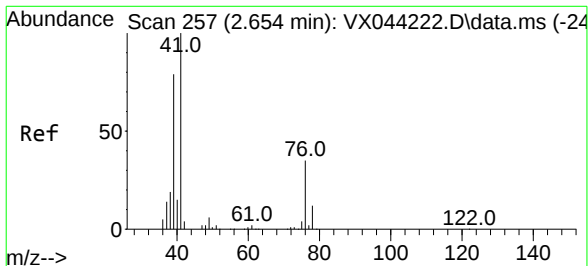
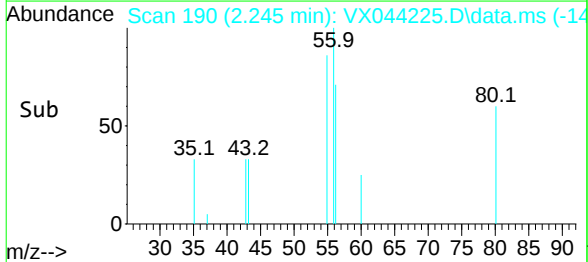
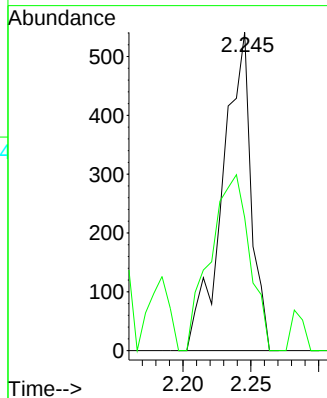
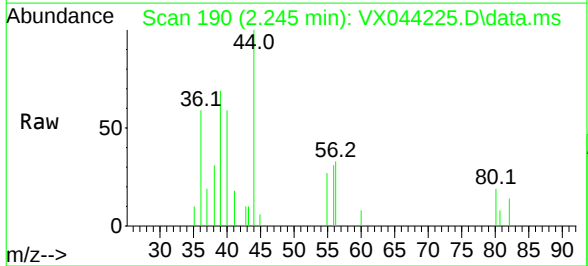
IBLK

Tgt Ion: 56 Resp: 796

Ion Ratio Lower Upper

56 100

55 76.0 56.6 84.8



#14

Allyl chloride

Concen: 0.539 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

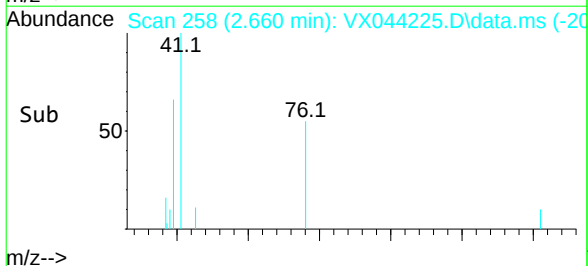
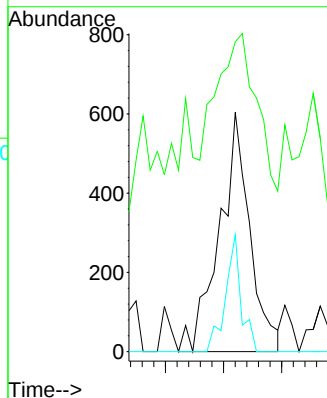
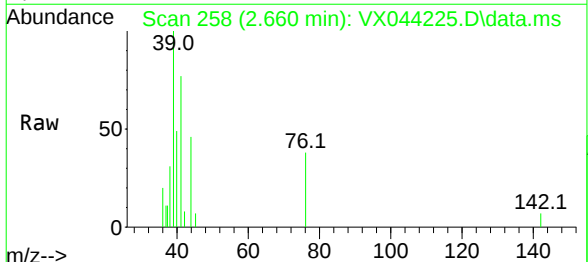
Tgt Ion: 41 Resp: 1097

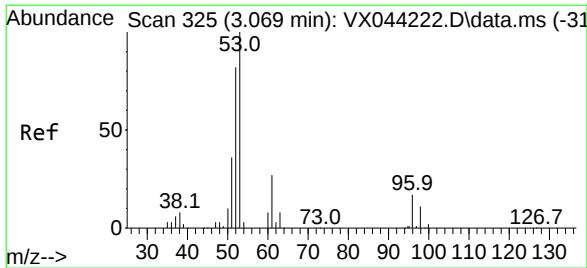
Ion Ratio Lower Upper

41 100

39 85.4 61.9 92.9

76 25.0 27.4 41.2#





#15

Acrylonitrile

Concen: 2.162 ug/l

RT: 3.075 min Scan# 32

Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

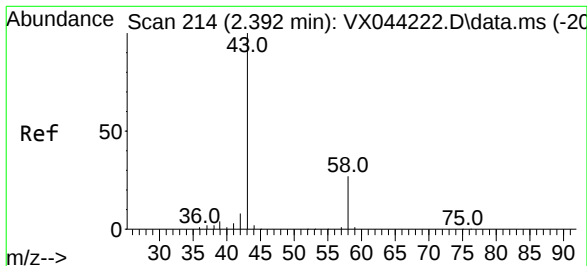
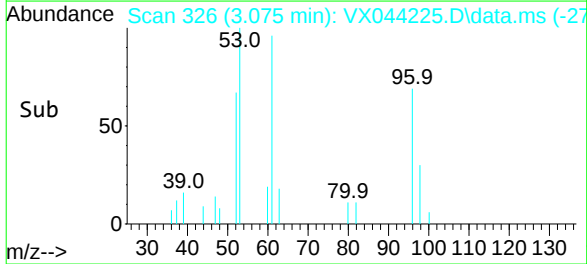
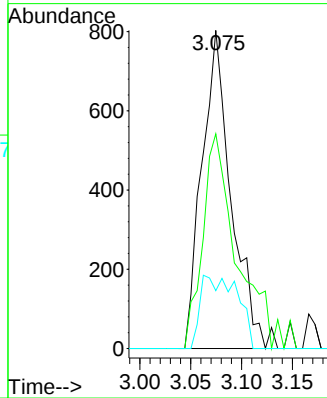
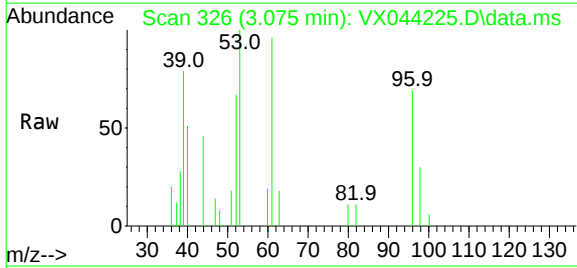
Instrument :

MSVOA\_X

ClientSampleId :

IBLK

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 1614  |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 79.9  | 67.4  | 101.0 |
| 51       | 12.9  | 30.3  | 45.5  |



#16

Acetone

Concen: 1.697 ug/l

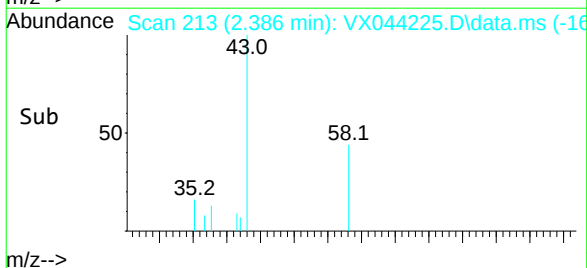
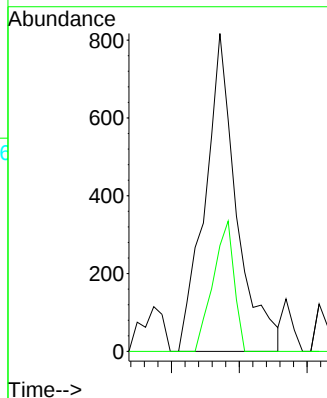
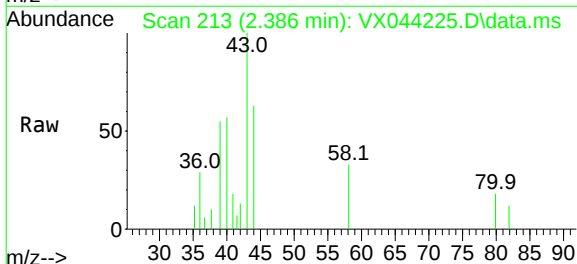
RT: 2.386 min Scan# 213

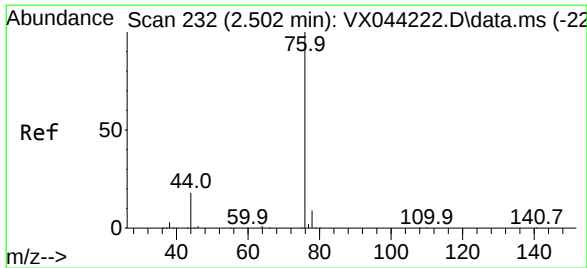
Delta R.T. -0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 1323  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 33.3  | 21.6  | 32.4  |





#17

Carbon Disulfide

Concen: 2.476 ug/l

RT: 2.502 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Instrument :

MSVOA\_X

ClientSampleId :

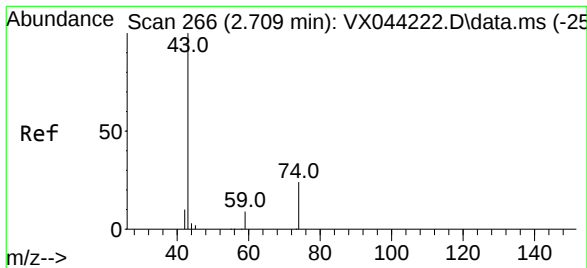
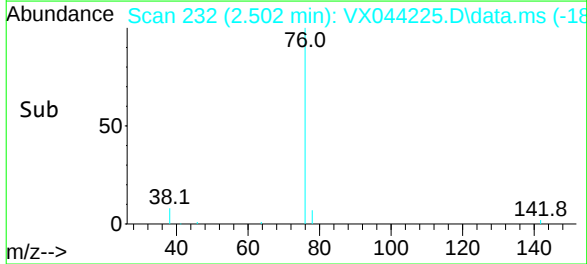
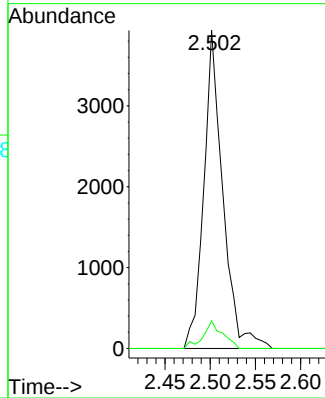
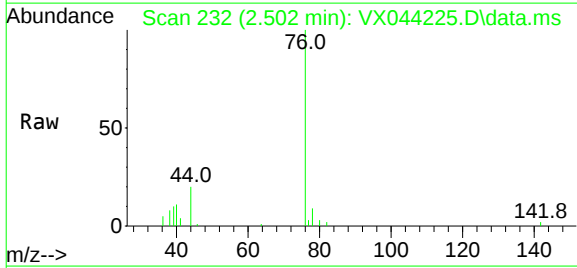
IBLK

Tgt Ion: 76 Resp: 5755

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0



#18

Methyl Acetate

Concen: 0.478 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX044225.D

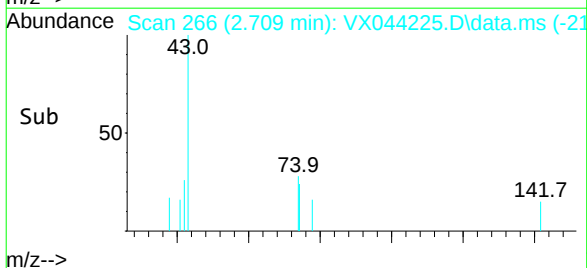
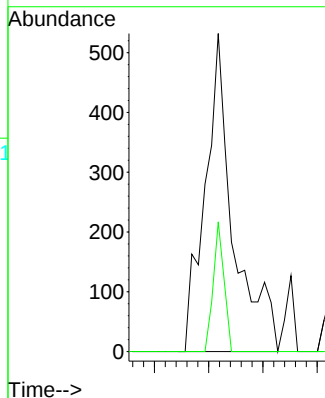
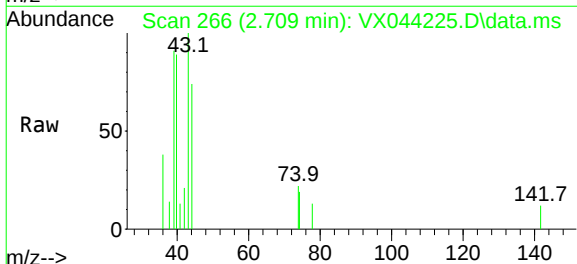
Acq: 11 Dec 2024 13:23

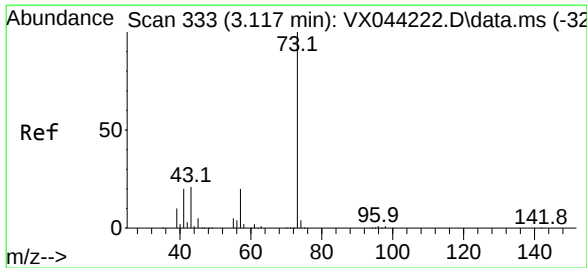
Tgt Ion: 43 Resp: 961

Ion Ratio Lower Upper

43 100

74 15.5 17.7 26.5#

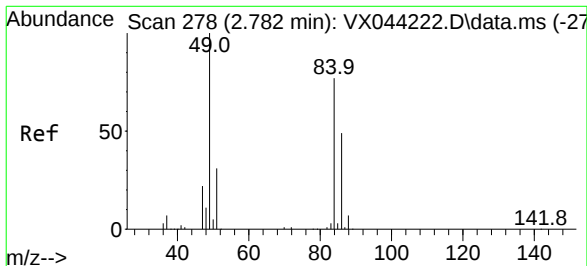
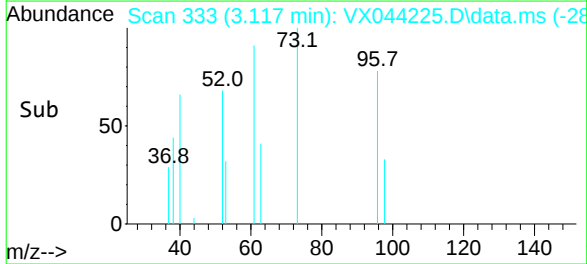
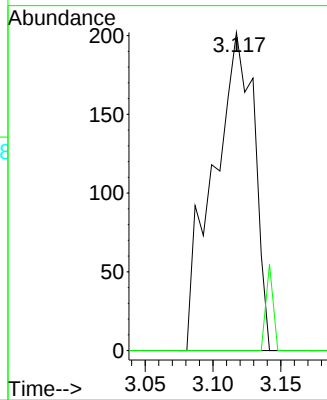
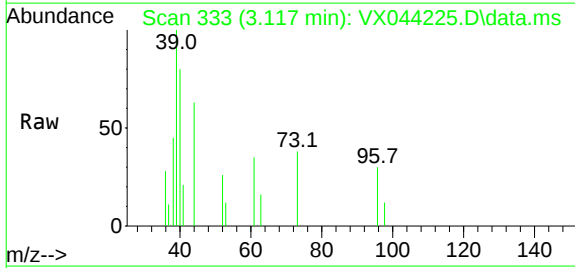




#19  
Methyl tert-butyl Ether  
Concen: 0.089 ug/l  
RT: 3.117 min Scan# 333  
Delta R.T. -0.000 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

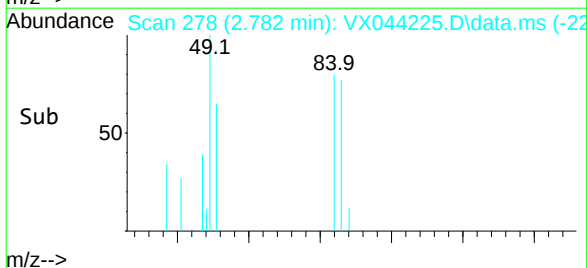
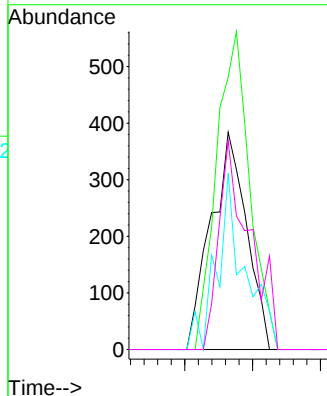
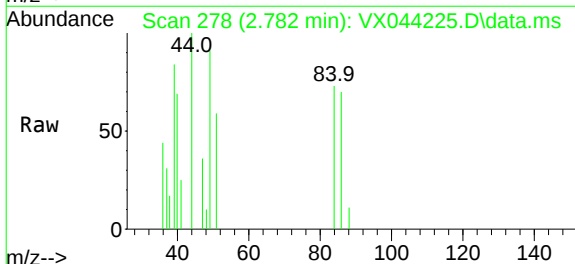
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

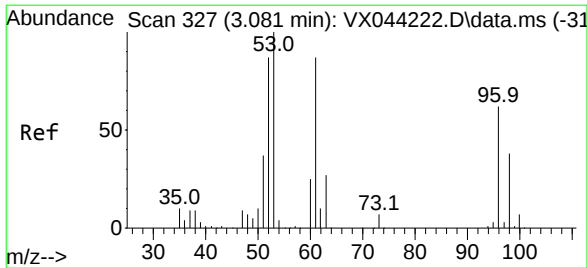
Tgt Ion: 73 Resp: 424  
Ion Ratio Lower Upper  
73 100  
57 0.0 16.2 24.4#



#20  
Methylene Chloride  
Concen: 0.478 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

Tgt Ion: 84 Resp: 700  
Ion Ratio Lower Upper  
84 100  
49 125.3 104.2 156.4  
51 81.3 32.2 48.4#  
86 96.1 50.9 76.3#





#21

trans-1,2-Dichloroethene

Concen: 1.279 ug/l

RT: 3.081 min Scan# 32

Delta R.T. -0.000 min

Lab File: VX044225.D

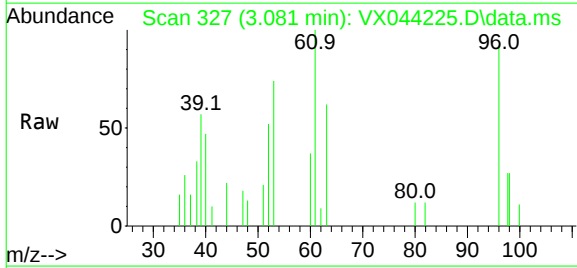
Acq: 11 Dec 2024 13:23

Instrument :

MSVOA\_X

ClientSampleId :

IBLK



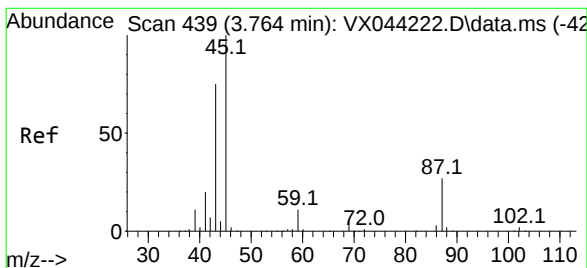
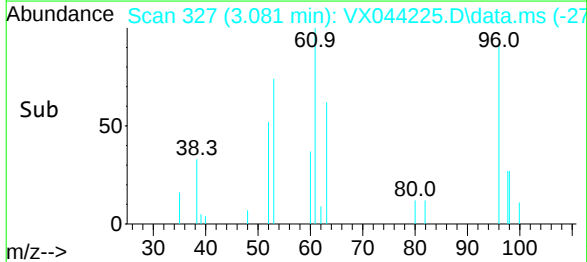
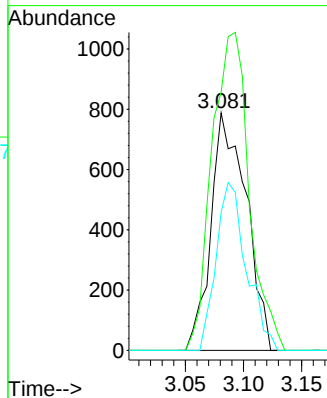
Tgt Ion: 96 Resp: 1662

Ion Ratio Lower Upper

96 100

61 108.6 112.0 168.0#

98 58.1 48.8 73.2



#22

Diisopropyl ether

Concen: 0.109 ug/l

RT: 3.770 min Scan# 440

Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Tgt Ion: 45 Resp: 502

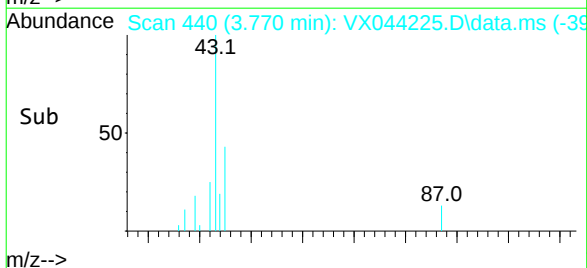
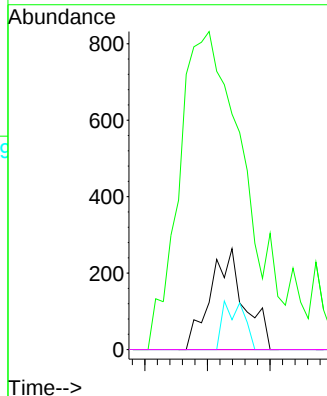
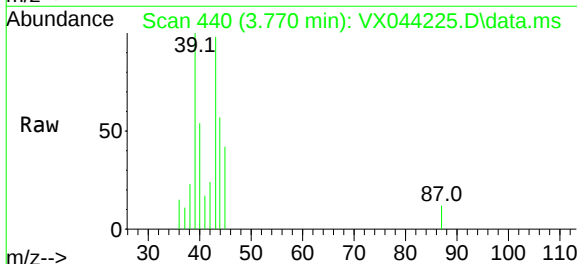
Ion Ratio Lower Upper

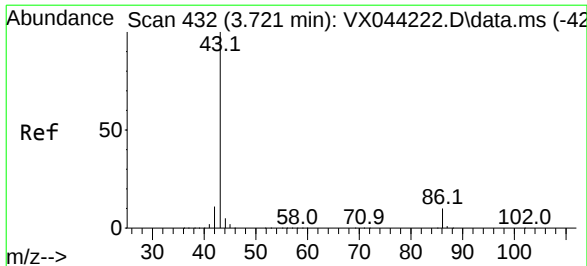
45 100

43 180.7 60.2 90.2#

87 29.5 21.2 31.8

59 0.0 8.9 13.3#





#23

Vinyl Acetate

Concen: 0.804 ug/l

RT: 3.751 min Scan# 43

Delta R.T. 0.030 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Instrument :

MSVOA\_X

ClientSampleId :

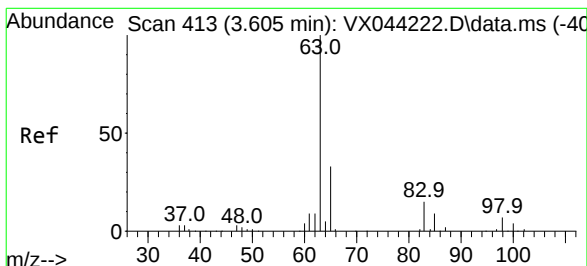
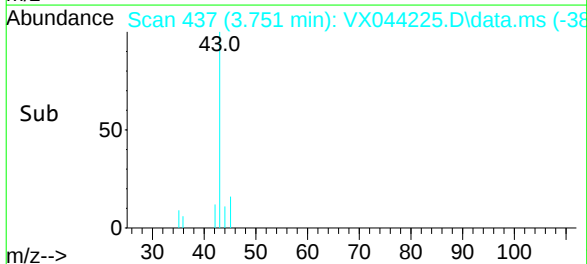
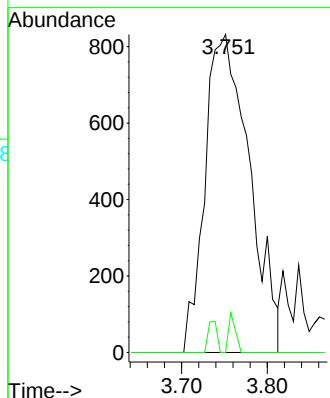
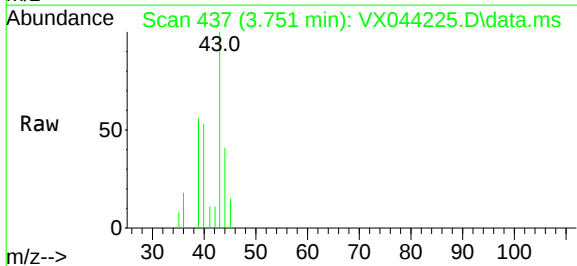
IBLK

Tgt Ion: 43 Resp: 2996

Ion Ratio Lower Upper

43 100

86 0.0 8.2 12.2#



#24

1,1-Dichloroethane

Concen: 0.304 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.012 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

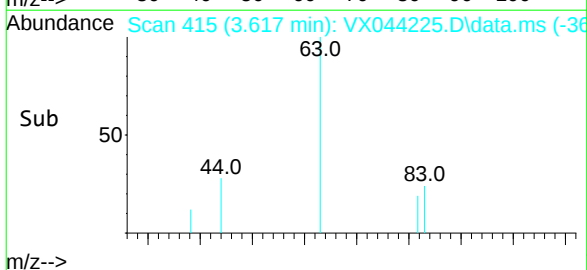
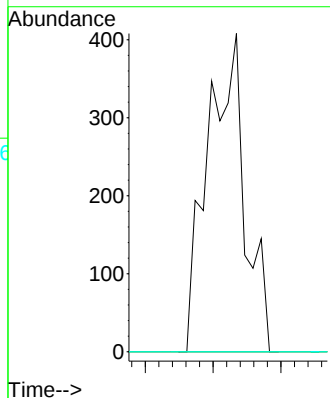
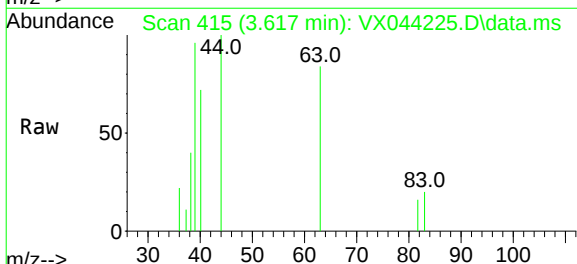
Tgt Ion: 63 Resp: 776

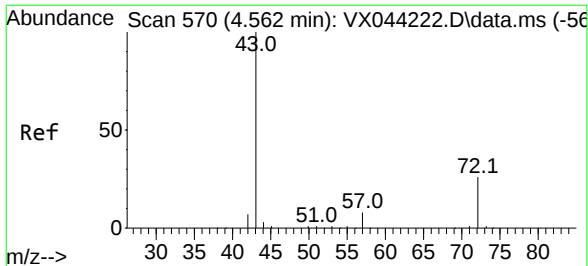
Ion Ratio Lower Upper

63 100

98 0.0 3.6 10.8#

100 0.0 2.1 6.3#

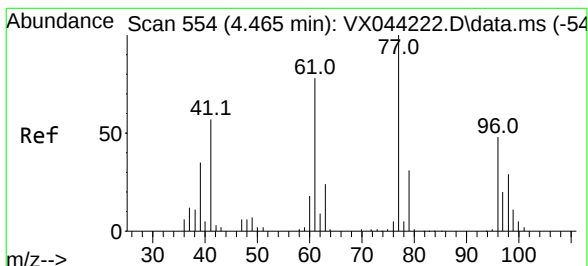
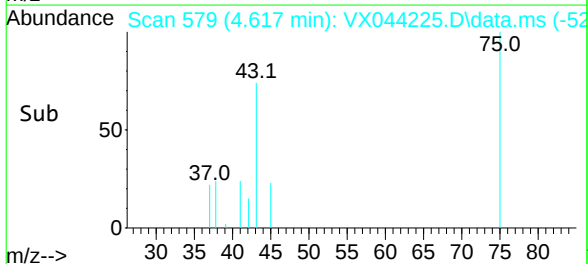
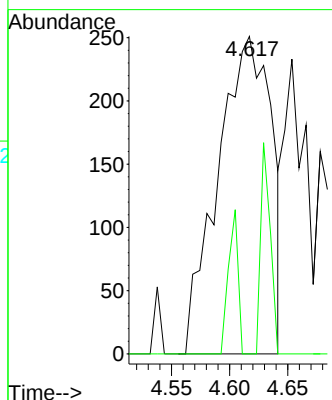
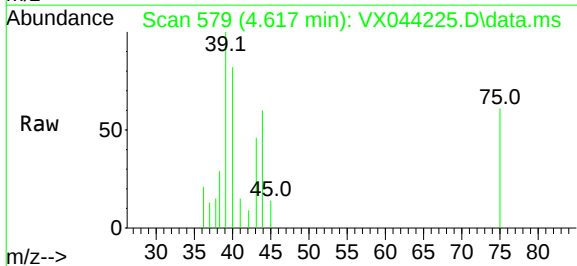




#25  
2-Butanone  
Concen: 0.724 ug/l  
RT: 4.617 min Scan# 571  
Delta R.T. 0.055 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

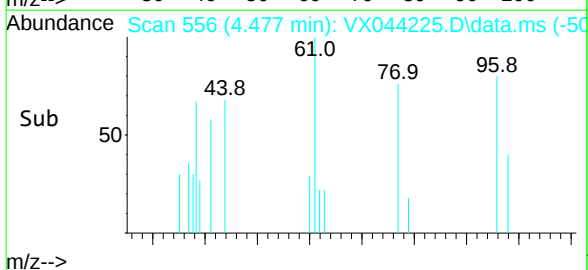
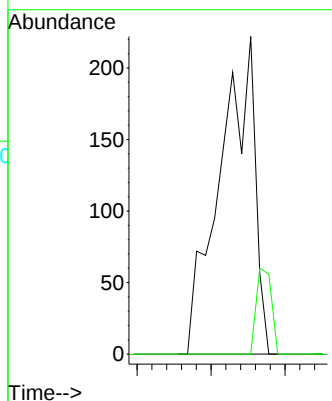
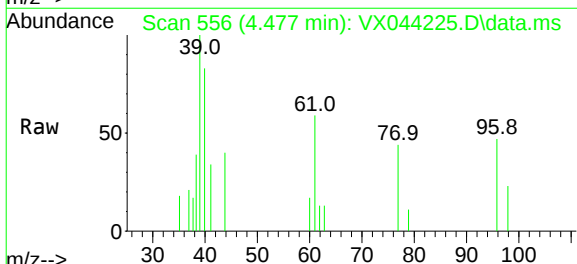
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

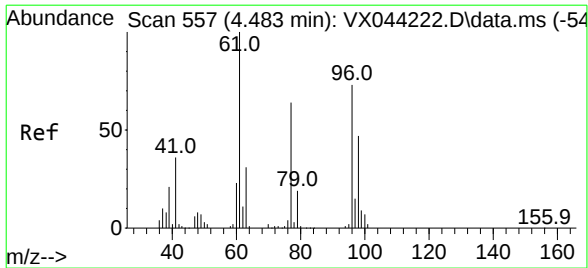
Tgt Ion: 43 Resp: 803  
Ion Ratio Lower Upper  
43 100  
72 0.0 20.2 30.4#



#26  
2,2-Dichloropropane  
Concen: 0.176 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.012 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

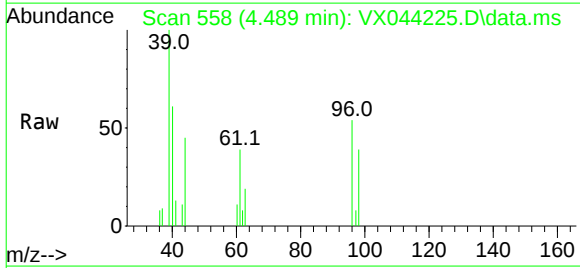
Tgt Ion: 77 Resp: 365  
Ion Ratio Lower Upper  
77 100  
97 11.5 10.7 32.1



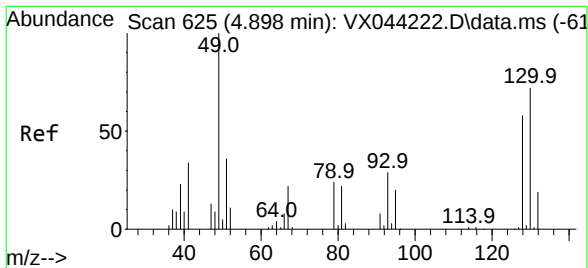
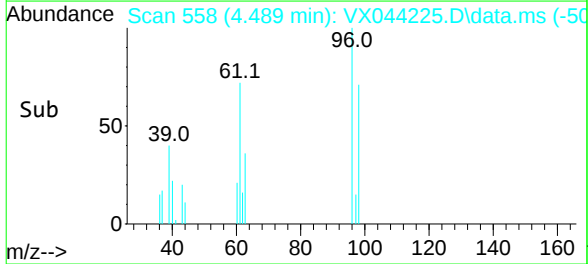
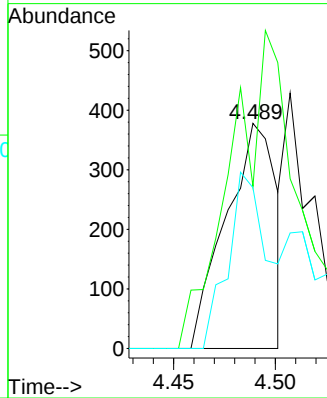


#27  
 cis-1,2-Dichloroethene  
 Concen: 0.392 ug/l  
 RT: 4.489 min Scan# 557  
 Delta R.T. 0.006 min  
 Lab File: VX044225.D  
 Acq: 11 Dec 2024 13:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

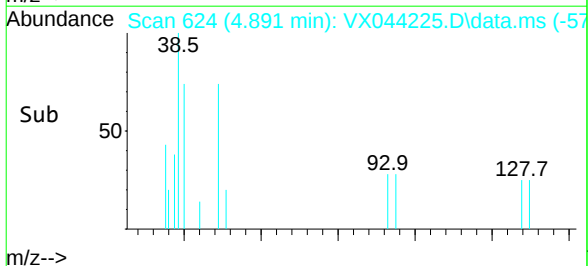
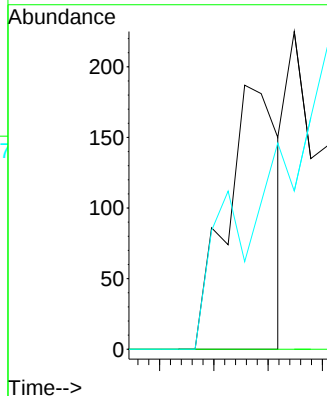
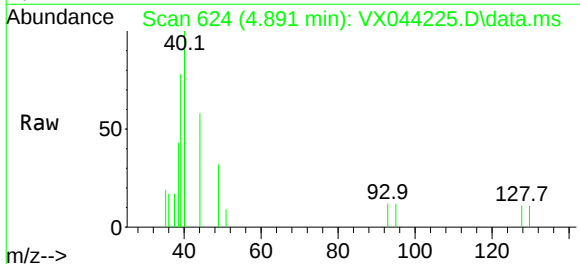


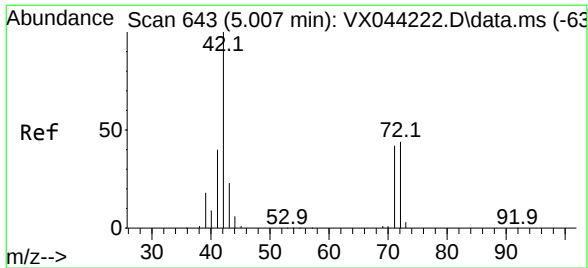
Tgt Ion: 96 Resp: 647  
 Ion Ratio Lower Upper  
 96 100  
 61 190.4 0.0 299.0  
 98 61.1 0.0 129.0



#28  
 Bromochloromethane  
 Concen: 0.198 ug/l  
 RT: 4.891 min Scan# 624  
 Delta R.T. -0.006 min  
 Lab File: VX044225.D  
 Acq: 11 Dec 2024 13:23

Tgt Ion: 49 Resp: 248  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 4.2  
 130 37.9 62.1 93.1#

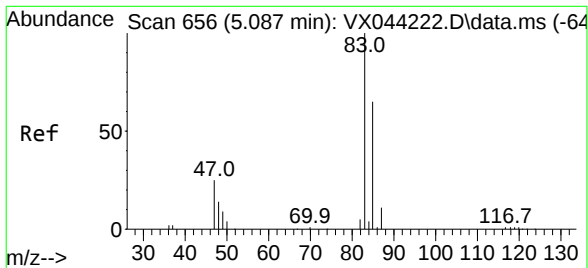
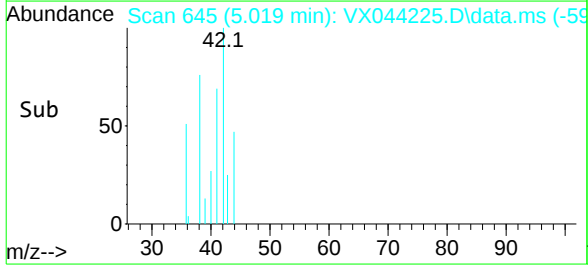
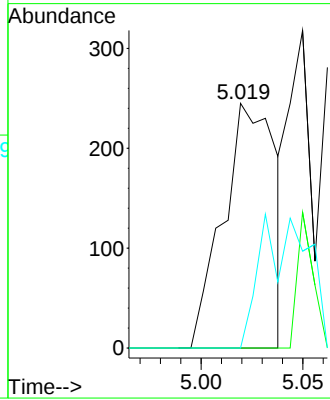
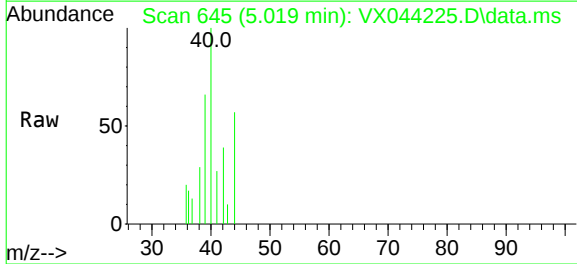




#29  
Tetrahydrofuran  
Concen: 0.616 ug/l  
RT: 5.019 min Scan# 643  
Delta R.T. 0.012 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

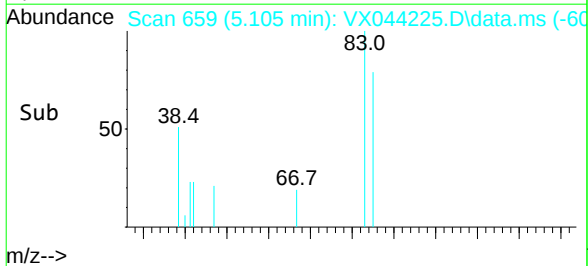
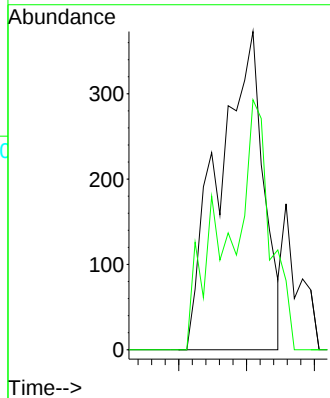
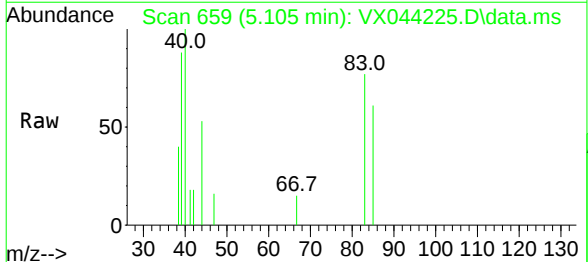
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

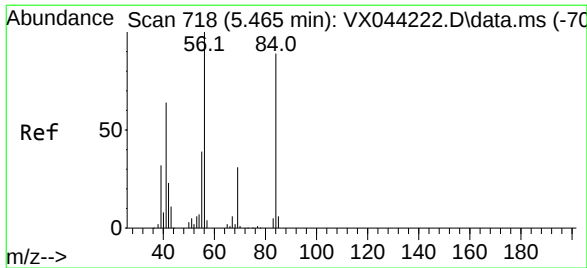
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 438   |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 0.0   | 37.0  | 55.6# |
| 71       | 21.0  | 33.6  | 50.4# |



#30  
Chloroform  
Concen: 0.299 ug/l  
RT: 5.105 min Scan# 659  
Delta R.T. 0.018 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 858   |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 78.6  | 51.6  | 77.4# |





#31

Cyclohexane

Concen: 0.248 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Instrument :

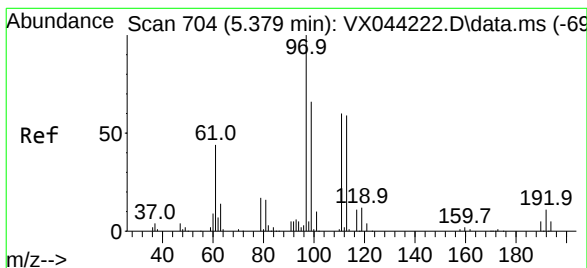
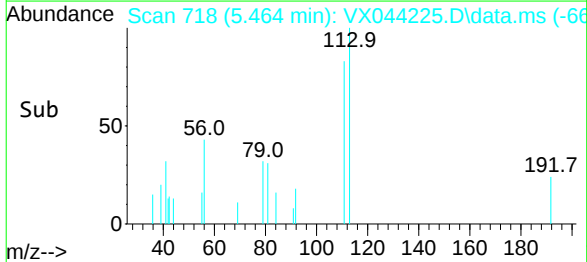
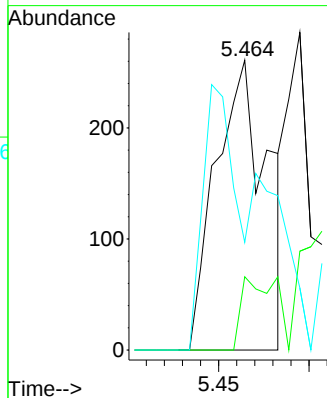
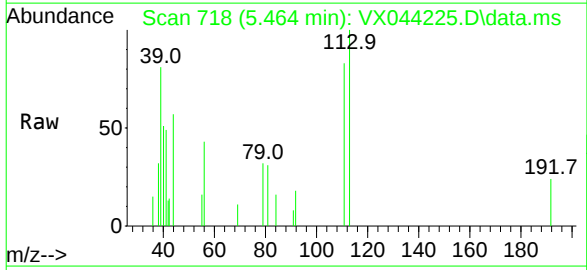
MSVOA\_X

ClientSampleId :

IBLK

Tgt Ion: 56 Resp: 512

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 56  | 100   |       |        |
| 69  | 25.3  | 24.7  | 37.1   |
| 84  | 37.2  | 71.0  | 106.6# |



#32

1,1,1-Trichloroethane

Concen: 0.278 ug/l

RT: 5.391 min Scan# 706

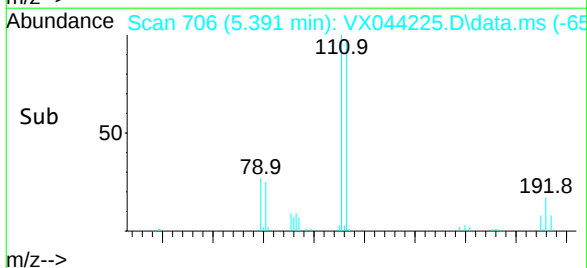
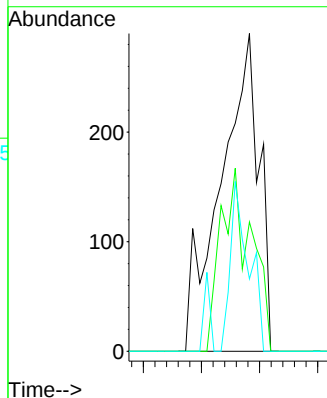
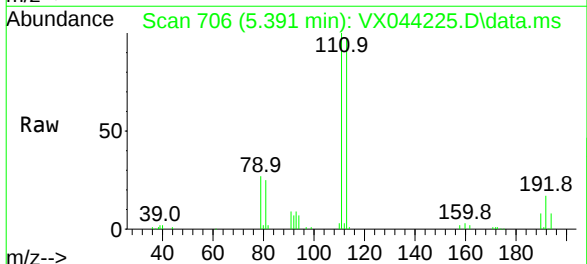
Delta R.T. 0.012 min

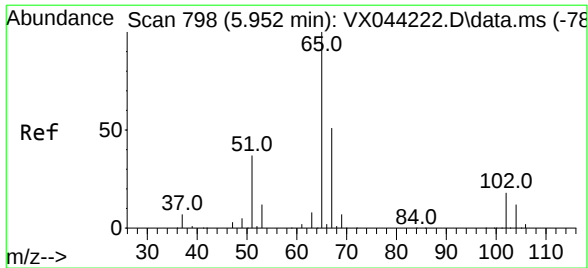
Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Tgt Ion: 97 Resp: 662

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 0.0   | 50.8  | 76.2# |
| 61  | 25.8  | 35.2  | 52.8# |

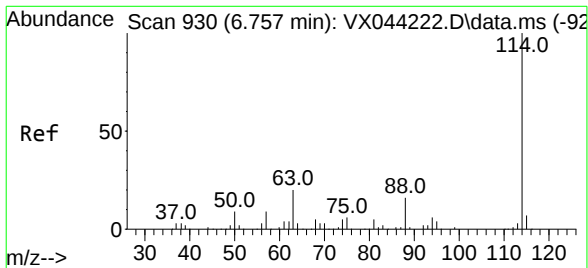
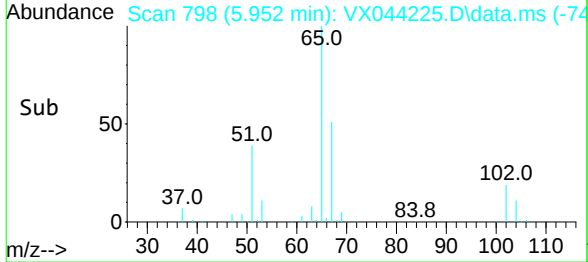
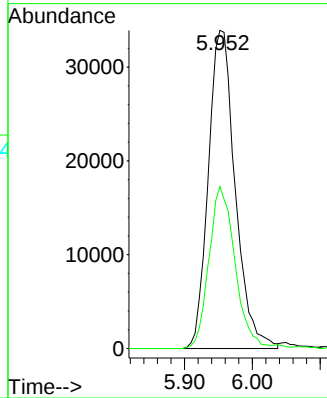
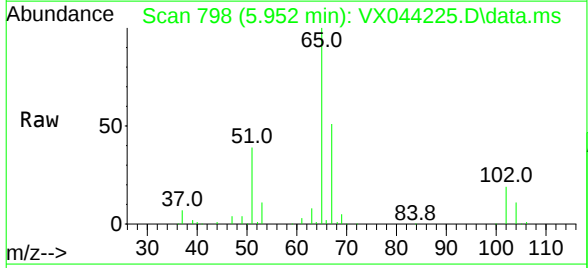




#33  
1,2-Dichloroethane-d4  
Concen: 48.774 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

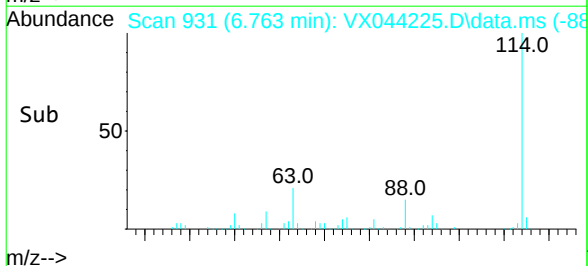
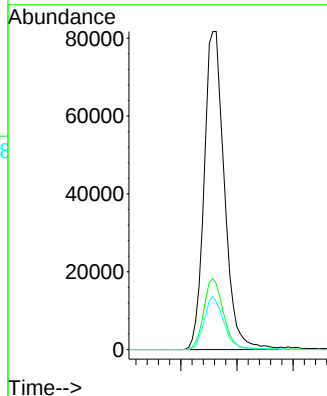
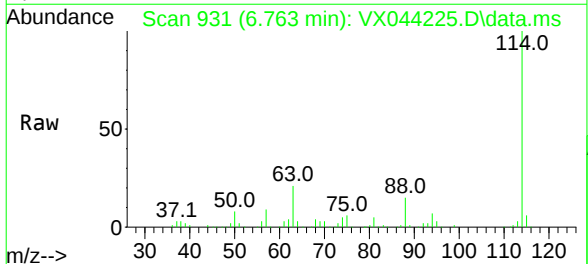
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

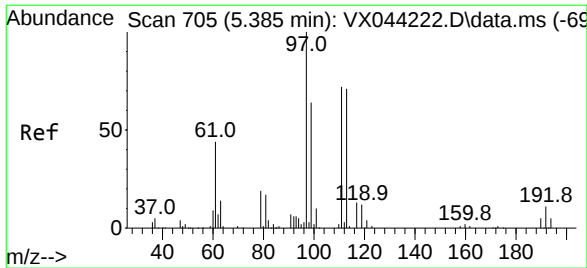
Tgt Ion: 65 Resp: 93278  
Ion Ratio Lower Upper  
65 100  
67 49.7 0.0 101.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. 0.006 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

Tgt Ion: 114 Resp: 204703  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 40.6  
88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.120 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Instrument :

MSVOA\_X

ClientSampleId :

IBLK

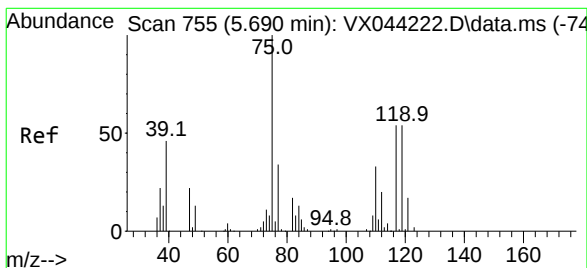
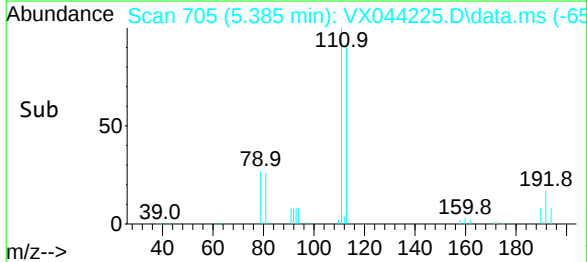
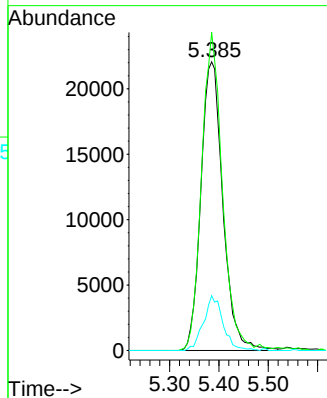
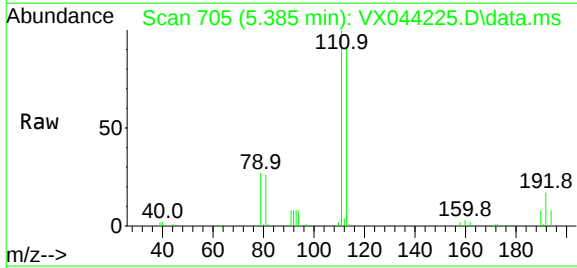
Tgt Ion:113 Resp: 68222

Ion Ratio Lower Upper

113 100

111 103.7 80.4 120.6

192 16.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 0.345 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

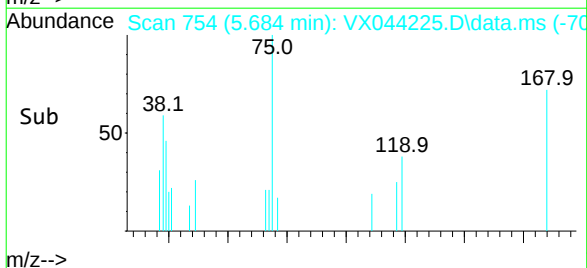
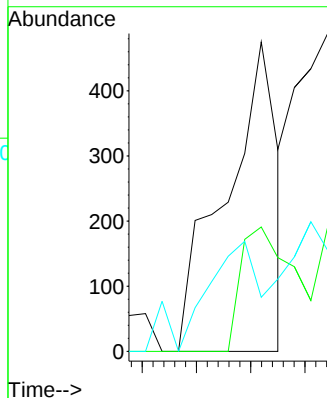
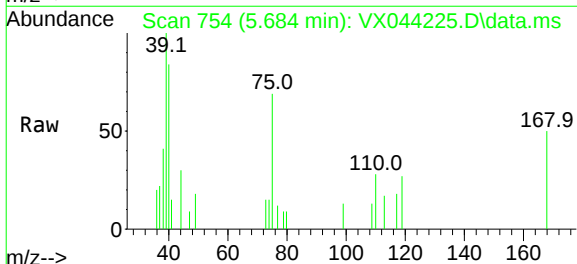
Tgt Ion: 75 Resp: 633

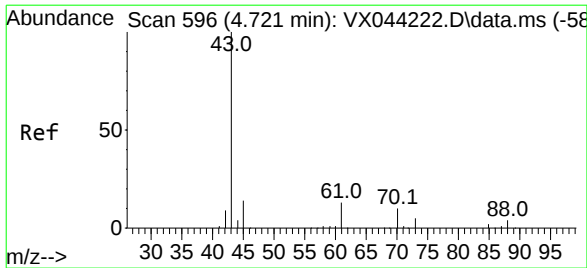
Ion Ratio Lower Upper

75 100

110 41.4 17.3 51.7

77 37.4 25.4 38.0





#37

Ethyl Acetate

Concen: 0.079 ug/l

RT: 4.727 min Scan# 59

Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

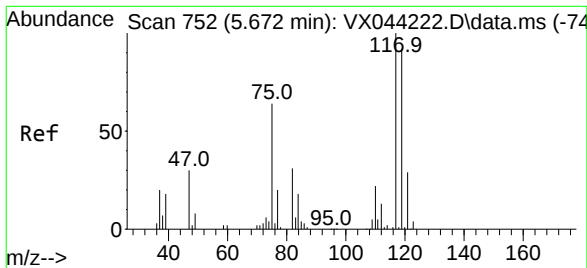
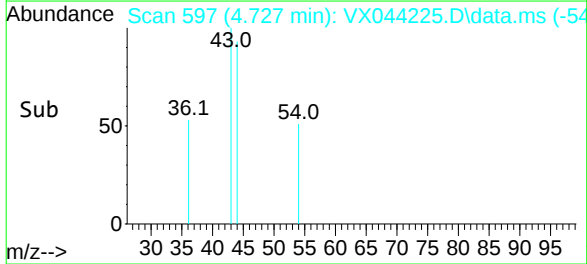
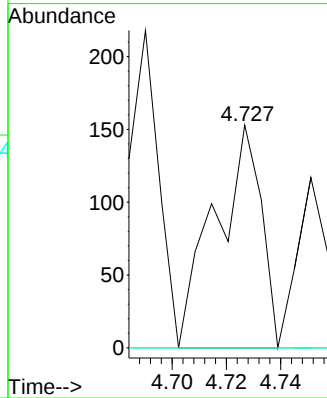
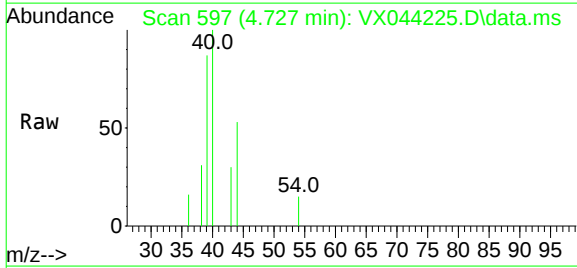
Instrument :

MSVOA\_X

ClientSampleId :

IBLK

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 43 | Resp: | 180         |
| Ion         | Ratio | Lower Upper |
| 43          | 100   |             |
| 61          | 0.0   | 9.8 14.8#   |
| 70          | 0.0   | 7.7 11.5#   |



#38

Carbon Tetrachloride

Concen: 0.295 ug/l

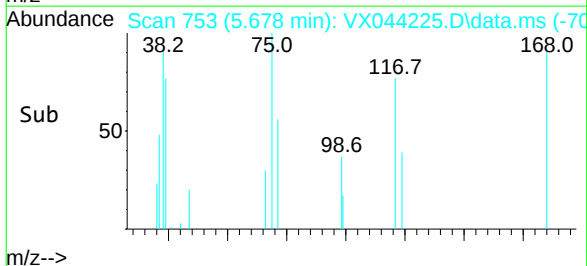
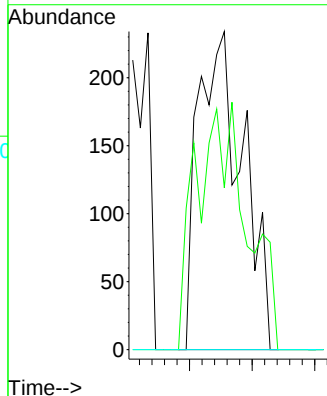
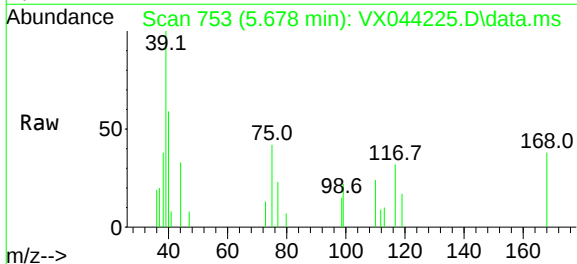
RT: 5.678 min Scan# 753

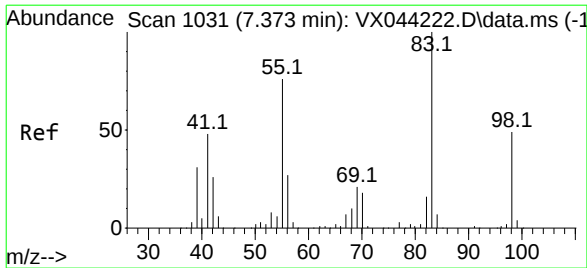
Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

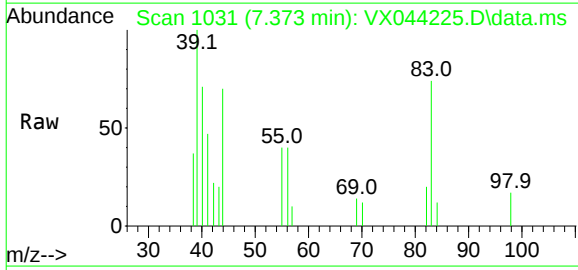
|              |       |             |
|--------------|-------|-------------|
| Tgt Ion: 117 | Resp: | 582         |
| Ion          | Ratio | Lower Upper |
| 117          | 100   |             |
| 119          | 50.9  | 74.2 111.4# |
| 121          | 0.0   | 23.0 34.6#  |



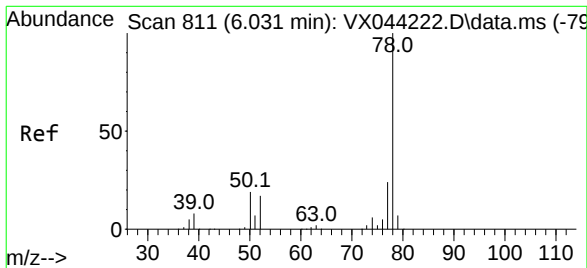
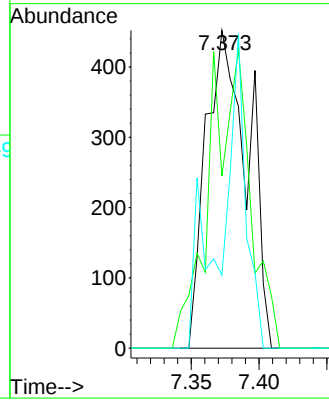
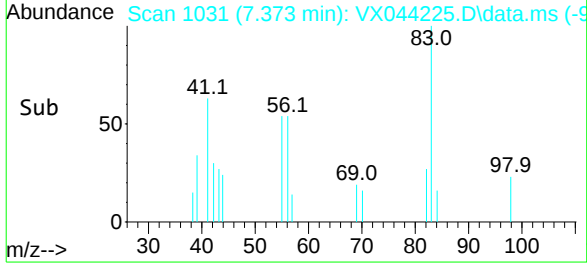


#39  
Methylcyclohexane  
Concen: 0.444 ug/l  
RT: 7.373 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

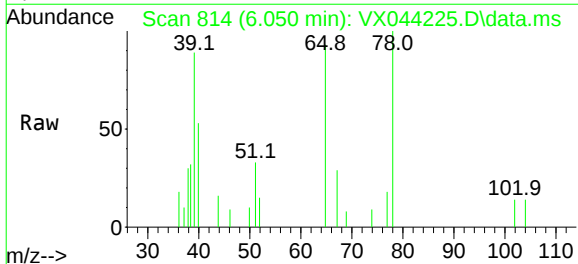
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK



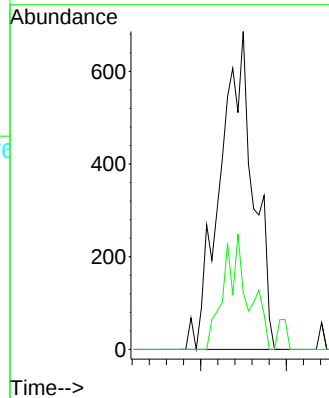
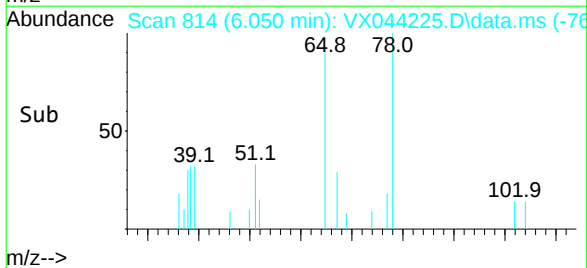
Tgt Ion: 83 Resp: 973  
Ion Ratio Lower Upper  
83 100  
55 54.2 60.7 91.1#  
98 23.0 38.9 58.3#

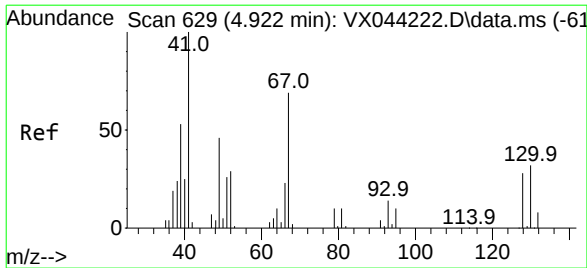


#40  
Benzene  
Concen: 0.334 ug/l  
RT: 6.050 min Scan# 814  
Delta R.T. 0.018 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23



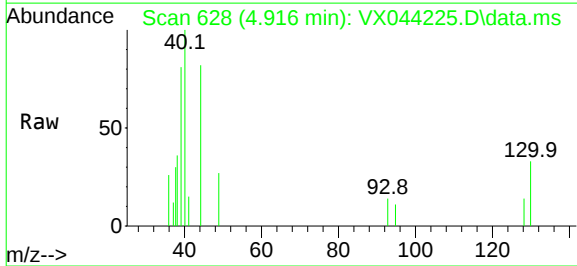
Tgt Ion: 78 Resp: 1857  
Ion Ratio Lower Upper  
78 100  
77 17.9 19.3 28.9#



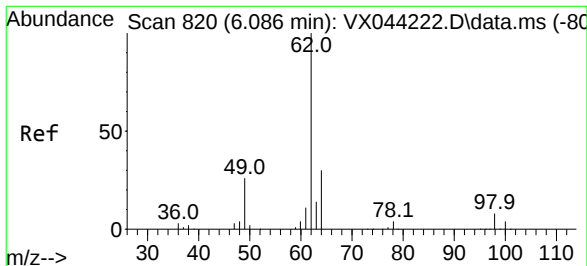
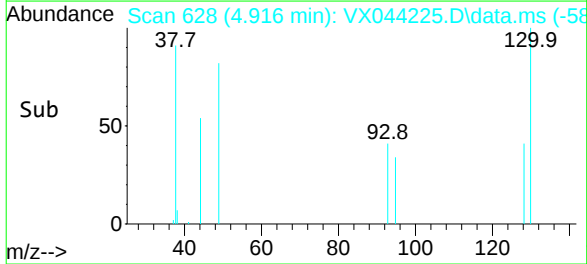
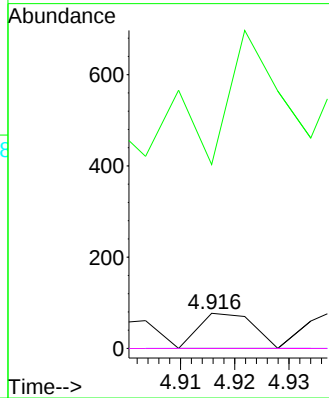


#41  
Methacrylonitrile  
Concen: 0.045 ug/l  
RT: 4.916 min Scan# 62  
Delta R.T. -0.006 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

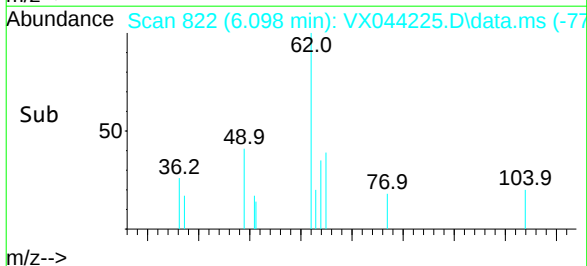
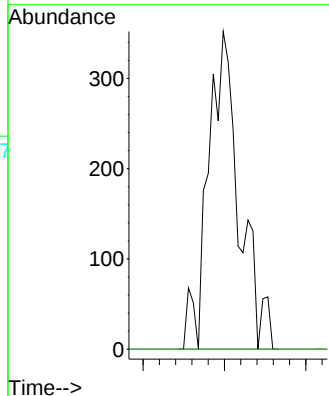
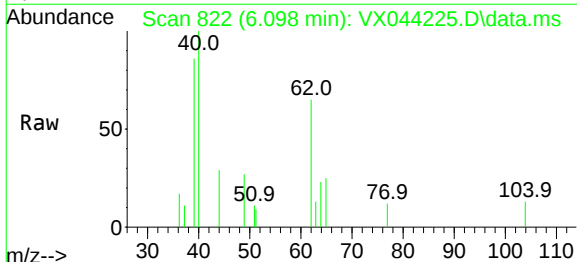


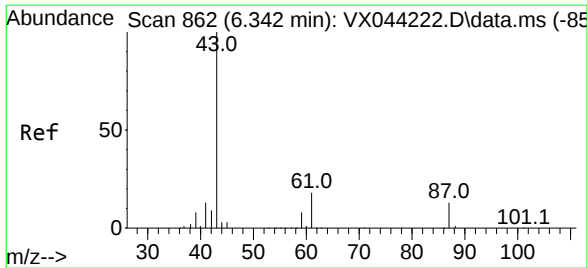
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 54    |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 422.2 | 44.2  | 66.4# |
| 67       | 0.0   | 57.2  | 85.8# |
| 52       | 0.0   | 24.6  | 37.0# |



#42  
1,2-Dichloroethane  
Concen: 0.410 ug/l  
RT: 6.098 min Scan# 822  
Delta R.T. 0.012 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 940   |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 0.0   | 0.0   | 15.8  |





#43

Isopropyl Acetate

Concen: 0.055 ug/l

RT: 6.367 min Scan# 86

Delta R.T. 0.024 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Instrument :

MSVOA\_X

ClientSampleId :

IBLK

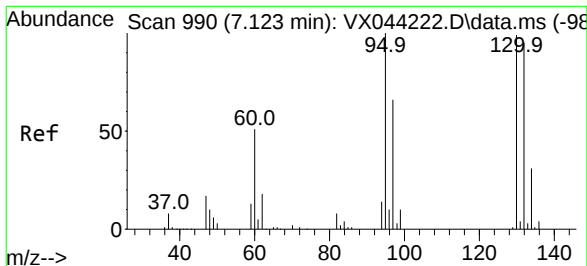
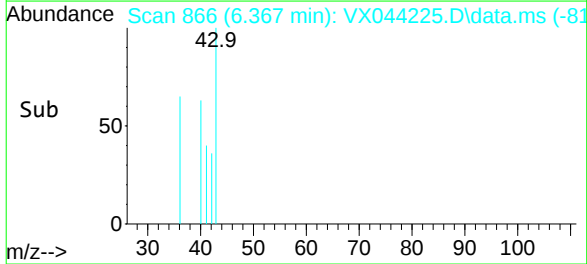
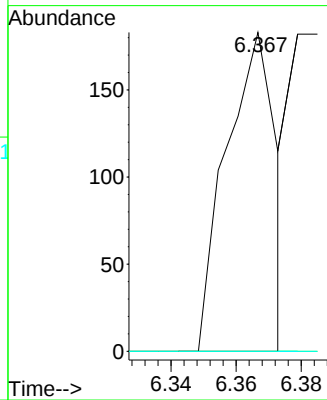
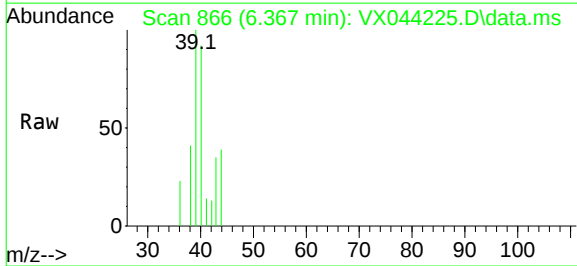
Tgt Ion: 43 Resp: 196

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

87 0.0 10.2 15.2#



#44

Trichloroethene

Concen: 1.046 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX044225.D

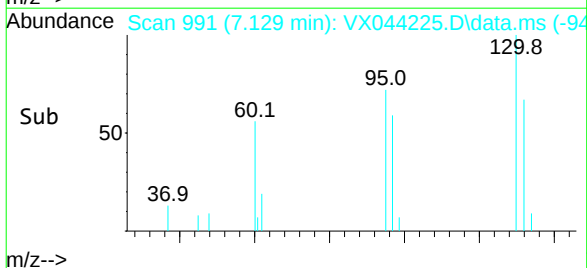
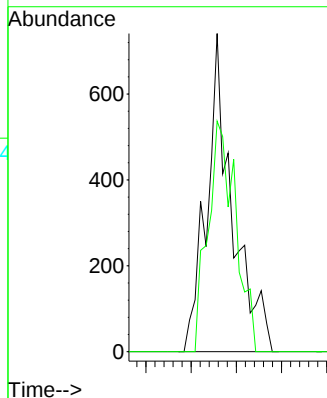
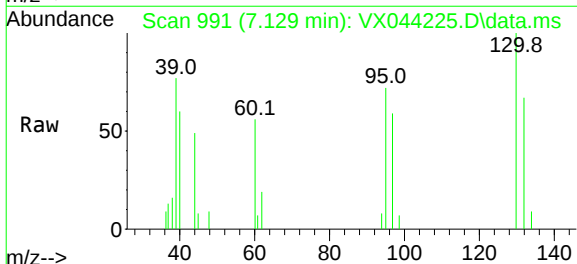
Acq: 11 Dec 2024 13:23

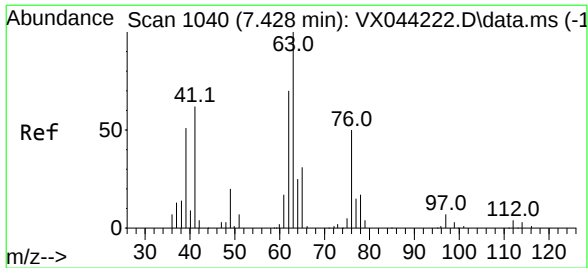
Tgt Ion:130 Resp: 1451

Ion Ratio Lower Upper

130 100

95 72.5 0.0 201.4

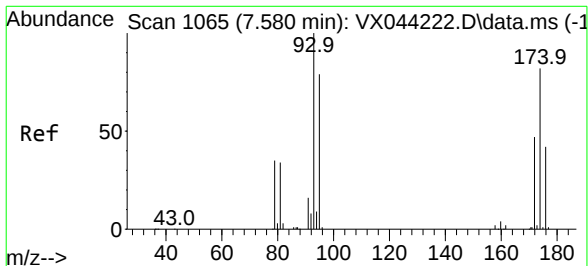
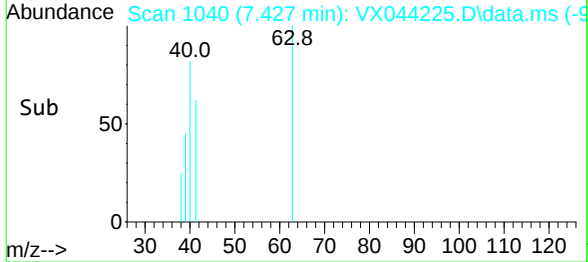
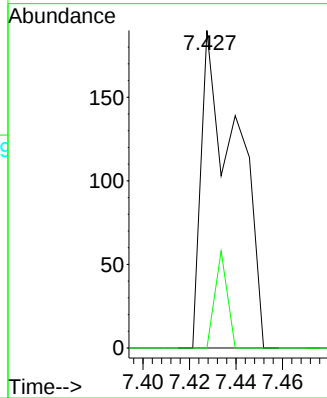
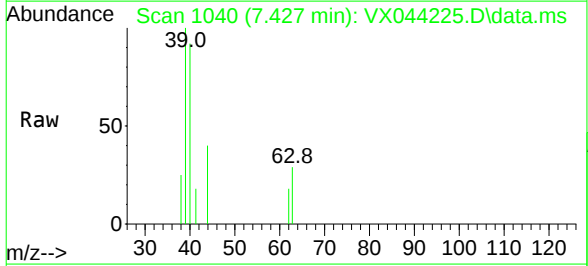




#45  
1,2-Dichloropropane  
Concen: 0.141 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

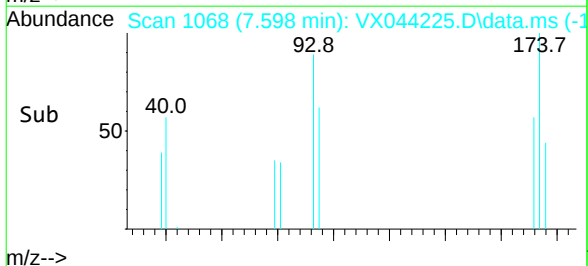
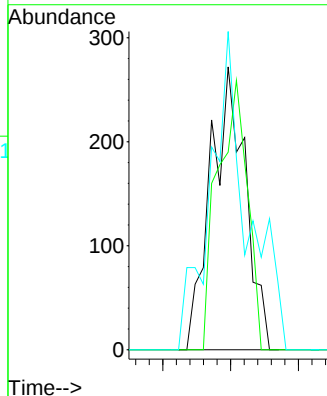
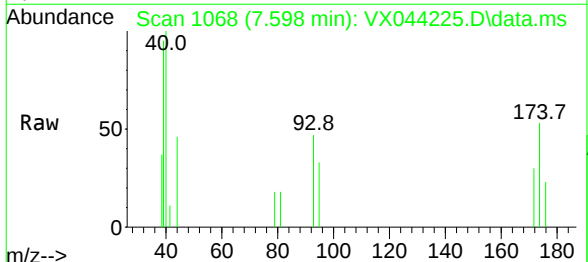
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

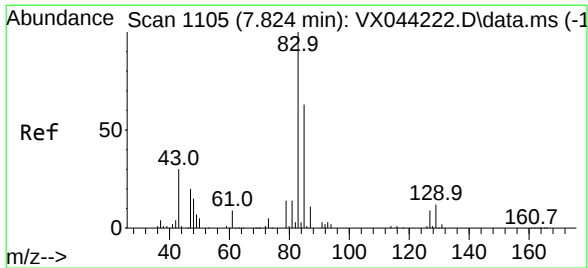
Tgt Ion: 63 Resp: 200  
Ion Ratio Lower Upper  
63 100  
65 0.0 24.6 37.0#



#46  
Dibromomethane  
Concen: 0.436 ug/l  
RT: 7.598 min Scan# 1068  
Delta R.T. 0.018 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

Tgt Ion: 93 Resp: 481  
Ion Ratio Lower Upper  
93 100  
95 81.7 65.4 98.2  
174 120.4 67.9 101.9#

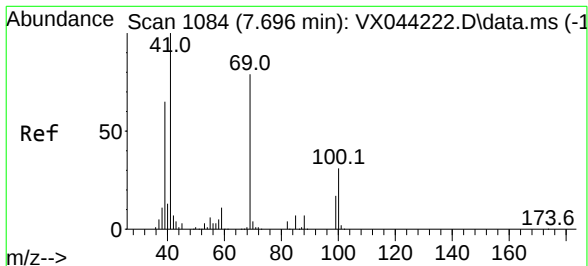
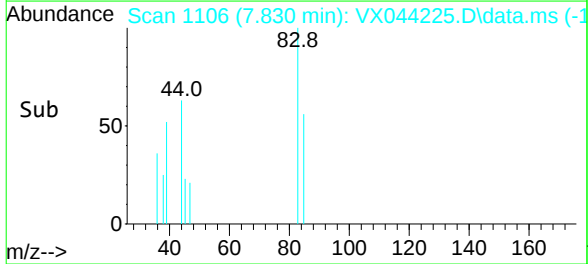
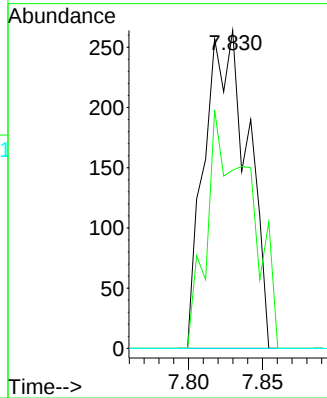
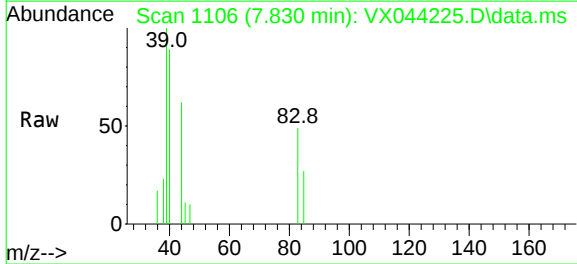




#47  
Bromodichloromethane  
Concen: 0.281 ug/l  
RT: 7.830 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

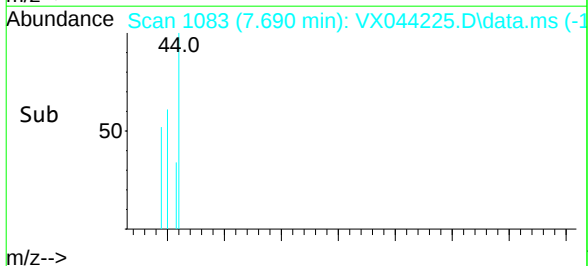
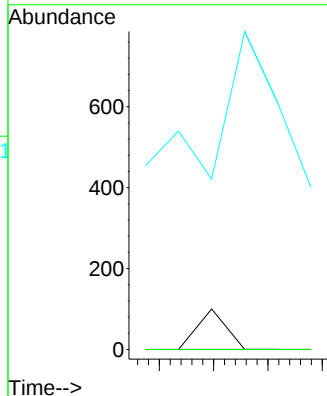
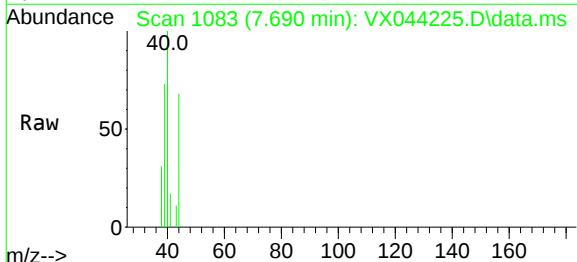
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

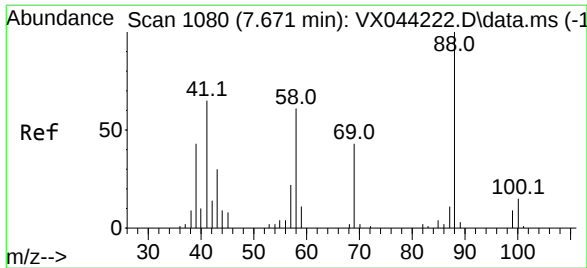
Tgt Ion: 83 Resp: 535  
Ion Ratio Lower Upper  
83 100  
85 56.1 50.6 75.8  
127 0.0 7.3 10.9#



#48  
Methyl methacrylate  
Concen: 0.022 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.006 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

Tgt Ion: 41 Resp: 37  
Ion Ratio Lower Upper  
41 100  
69 0.0 62.4 93.6#  
39 759.5 53.3 79.9#

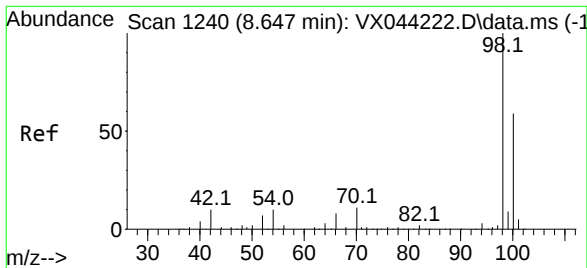
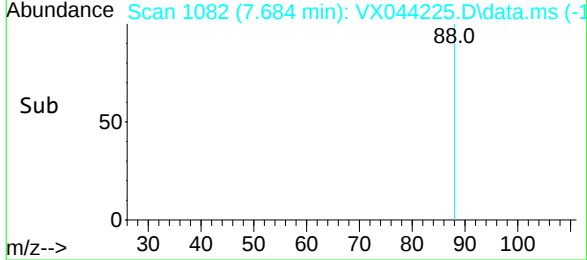
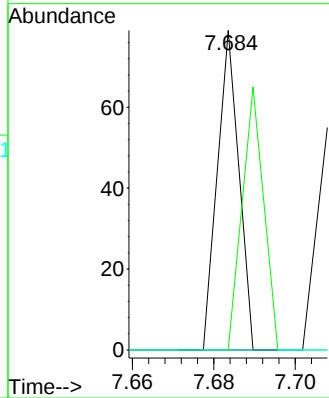
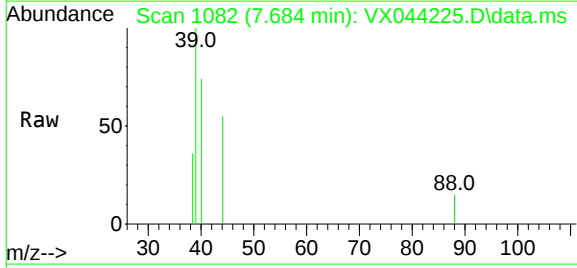




#49  
1,4-Dioxane  
Concen: 1.018 ug/l  
RT: 7.684 min Scan# 1082  
Delta R.T. 0.012 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

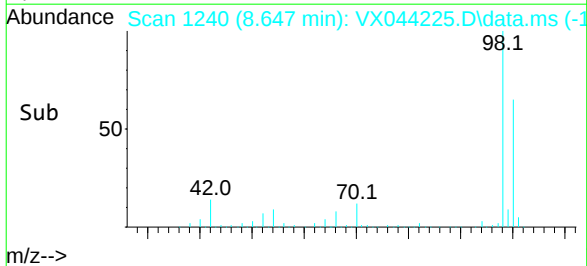
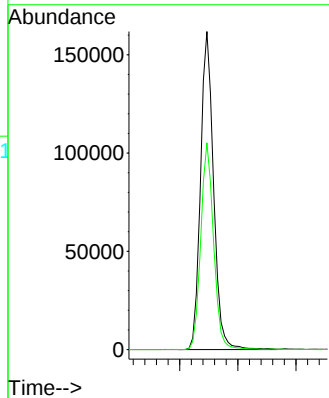
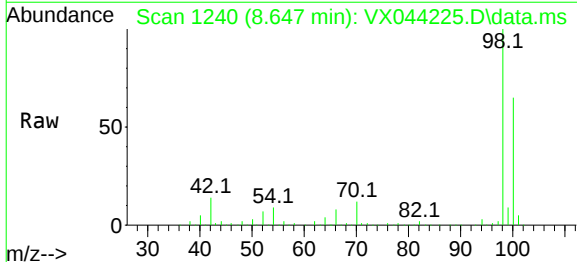
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

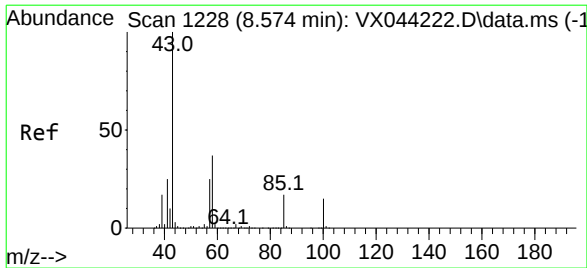
Tgt Ion: 88 Resp: 29  
Ion Ratio Lower Upper  
88 100  
43 82.8 27.1 40.7#  
58 0.0 41.0 61.4#



#50  
Toluene-d8  
Concen: 52.595 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

Tgt Ion: 98 Resp: 251569  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.5 77.3

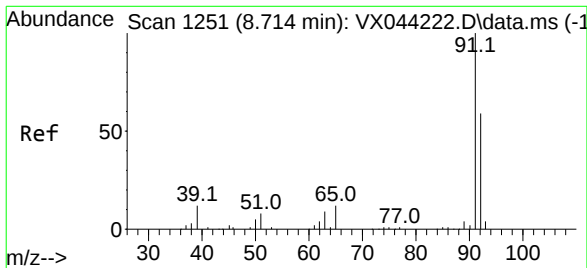
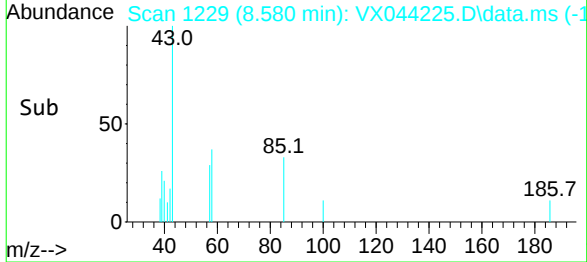
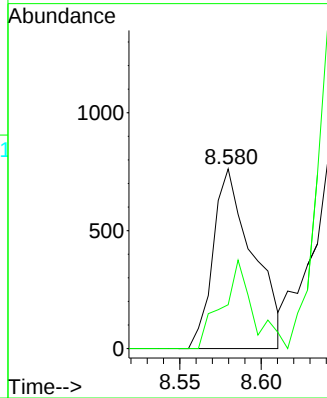
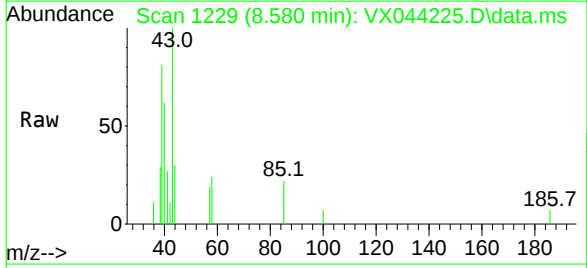




#51  
4-Methyl-2-Pentanone  
Concen: 0.570 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

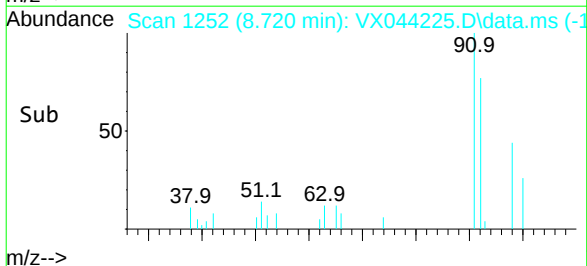
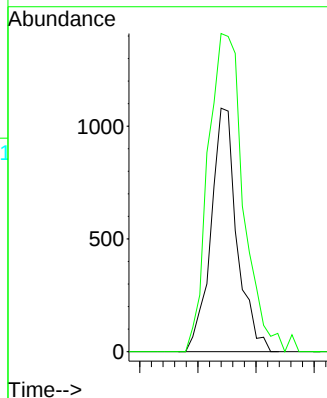
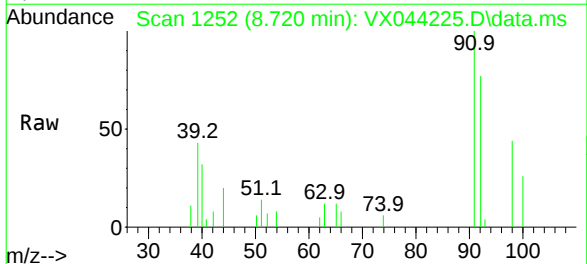
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

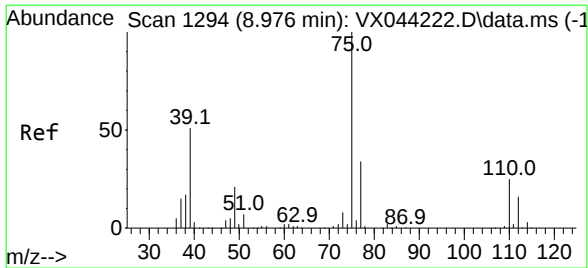
Tgt Ion: 43 Resp: 1297  
Ion Ratio Lower Upper  
43 100  
58 38.0 29.4 44.0



#52  
Toluene  
Concen: 0.481 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

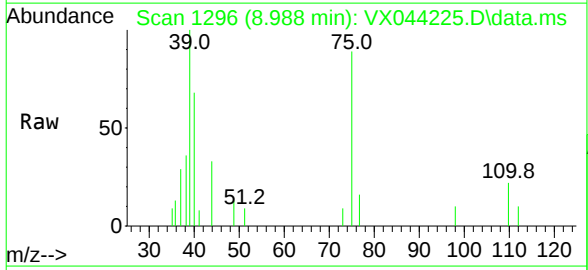
Tgt Ion: 92 Resp: 1682  
Ion Ratio Lower Upper  
92 100  
91 178.0 137.0 205.6



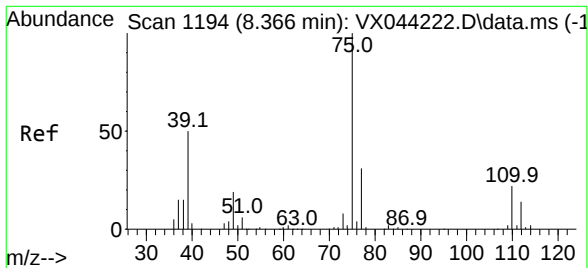
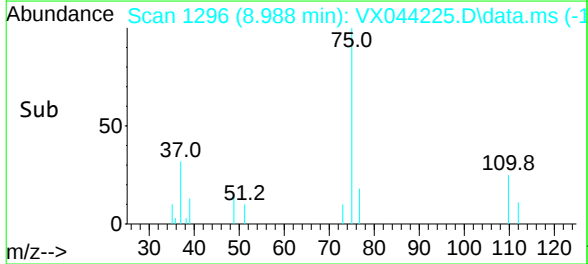
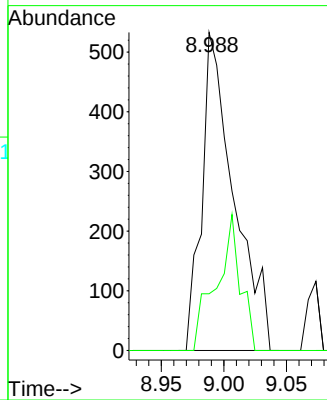


#53  
t-1,3-Dichloropropene  
Concen: 1.478 ug/l  
RT: 8.988 min Scan# 1296  
Delta R.T. 0.012 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

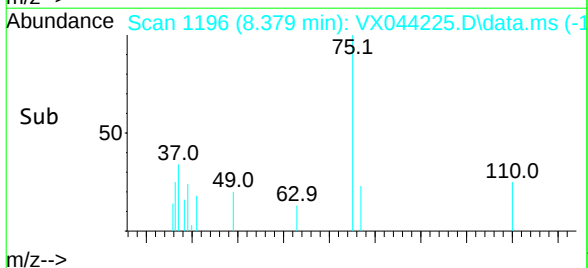
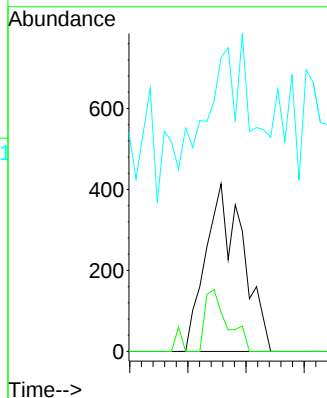
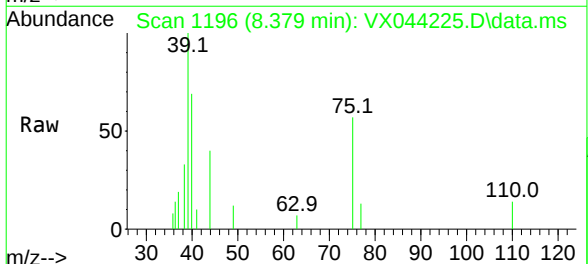


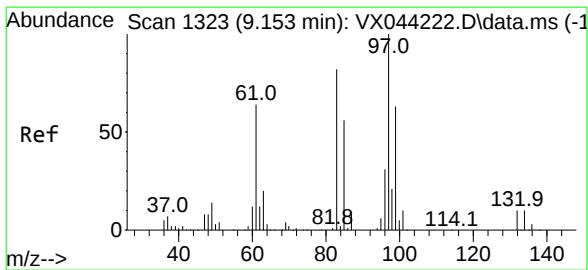
Tgt Ion: 75 Resp: 955  
Ion Ratio Lower Upper  
75 100  
77 17.8 27.2 40.8#



#54  
cis-1,3-Dichloropropene  
Concen: 0.446 ug/l  
RT: 8.379 min Scan# 1196  
Delta R.T. 0.012 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

Tgt Ion: 75 Resp: 924  
Ion Ratio Lower Upper  
75 100  
77 23.2 24.7 37.1#  
39 66.7 40.3 60.5#

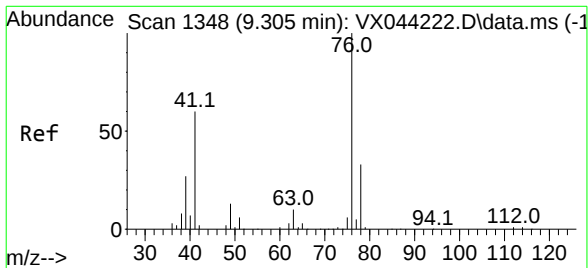
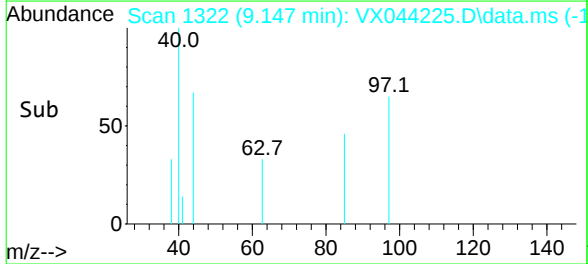
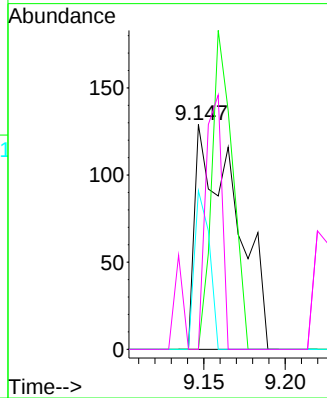
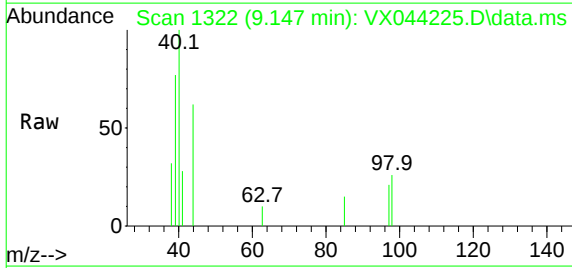




#55  
 1,1,2-Trichloroethane  
 Concen: 0.161 ug/l  
 RT: 9.147 min Scan# 1315  
 Delta R.T. -0.006 min  
 Lab File: VX044225.D  
 Acq: 11 Dec 2024 13:23

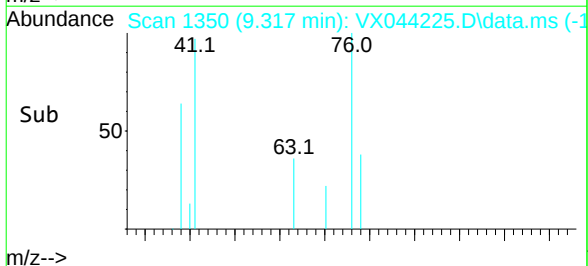
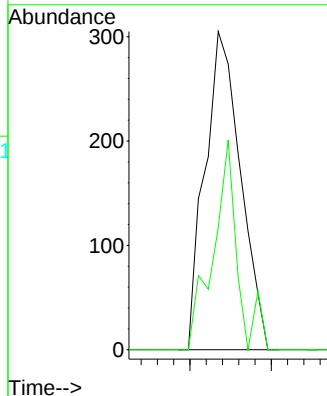
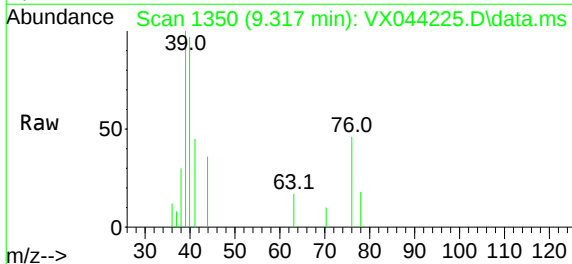
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

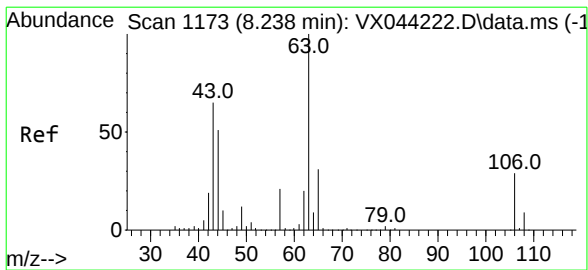
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 223   |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 0.0   | 65.3  | 97.9# |
| 85       | 70.5  | 44.6  | 67.0# |
| 99       | 0.0   | 50.2  | 75.2# |



#57  
 1,3-Dichloropropane  
 Concen: 0.192 ug/l  
 RT: 9.317 min Scan# 1350  
 Delta R.T. 0.012 min  
 Lab File: VX044225.D  
 Acq: 11 Dec 2024 13:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 76    | Resp: | 463   |
| Ion      | Ratio | Lower | Upper |
| 76       | 100   |       |       |
| 78       | 45.4  | 26.5  | 39.7# |

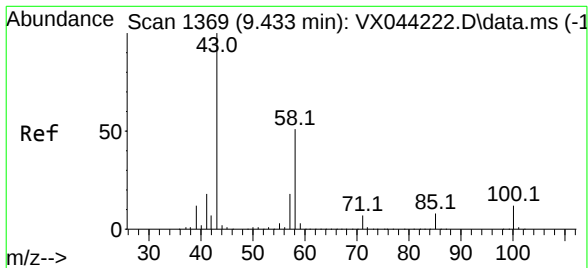
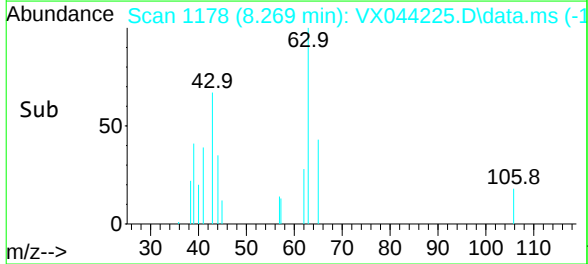
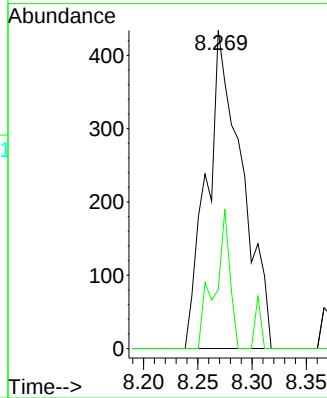
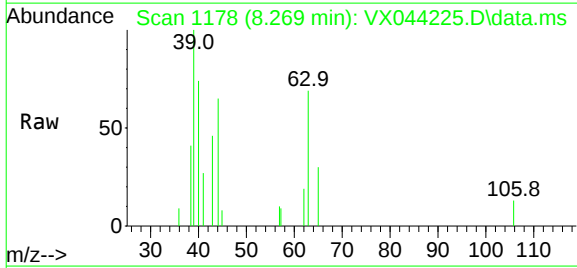




#58  
2-Chloroethyl Vinyl ether  
Concen: 0.884 ug/l  
RT: 8.269 min Scan# 1178  
Delta R.T. 0.030 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

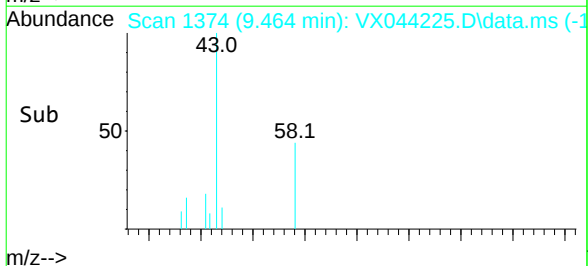
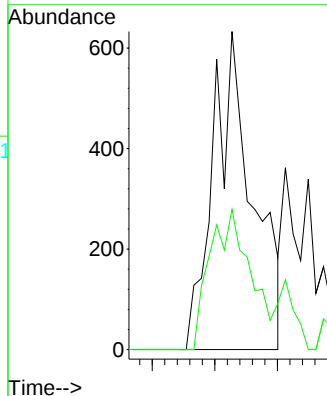
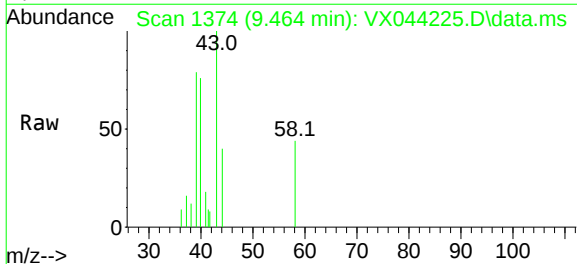
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

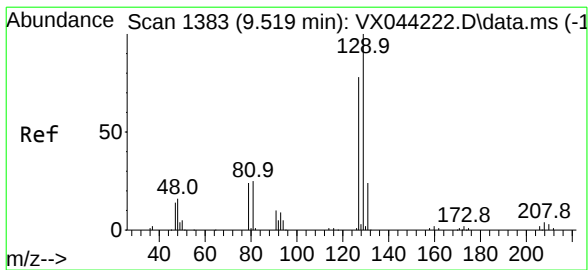
Tgt Ion: 63 Resp: 977  
Ion Ratio Lower Upper  
63 100  
106 18.8 22.8 34.2#



#59  
2-Hexanone  
Concen: 0.844 ug/l  
RT: 9.464 min Scan# 1374  
Delta R.T. 0.030 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

Tgt Ion: 43 Resp: 1391  
Ion Ratio Lower Upper  
43 100  
58 45.1 25.7 77.0





#60

Dibromochloromethane

Concen: 1.389 ug/l

RT: 9.531 min Scan# 1383

Delta R.T. 0.012 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Instrument :

MSVOA\_X

ClientSampleId :

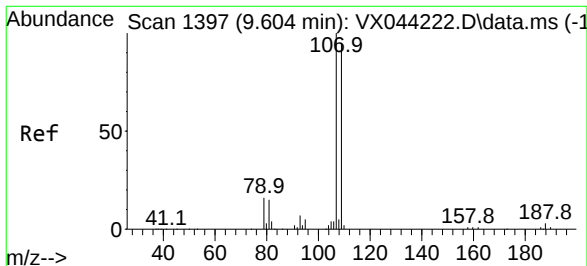
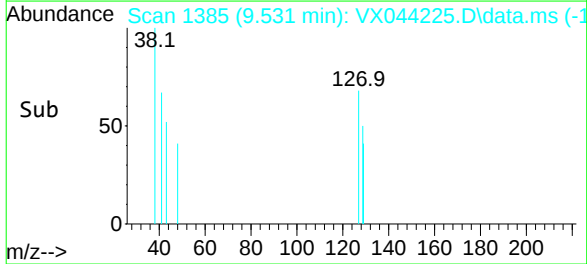
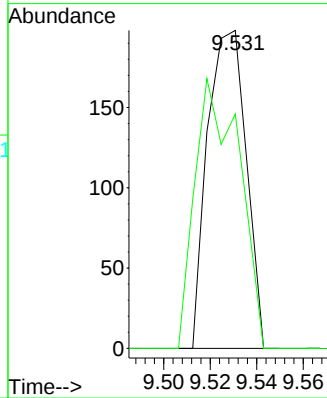
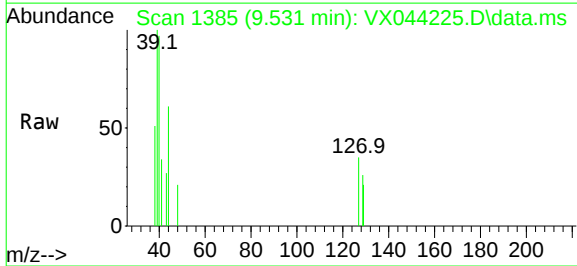
IBLK

Tgt Ion:129 Resp: 228

Ion Ratio Lower Upper

129 100

127 97.4 38.5 115.3



#61

1,2-Dibromoethane

Concen: 0.406 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX044225.D

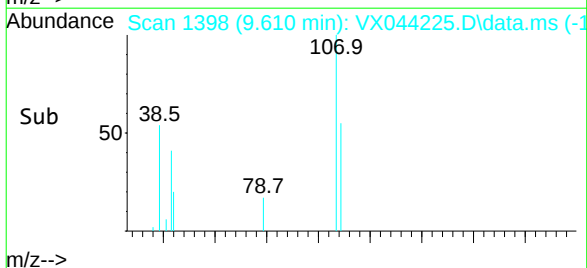
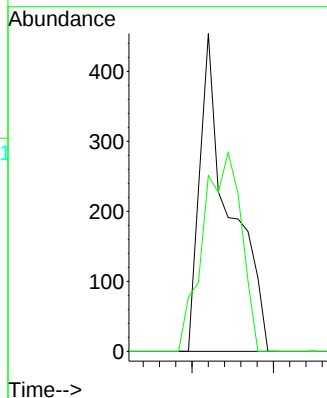
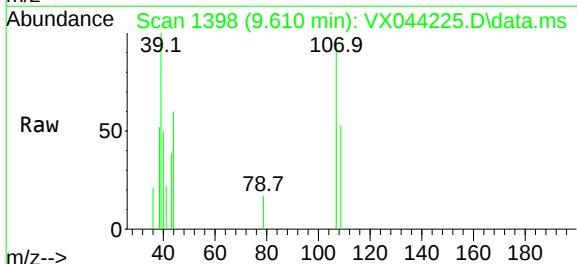
Acq: 11 Dec 2024 13:23

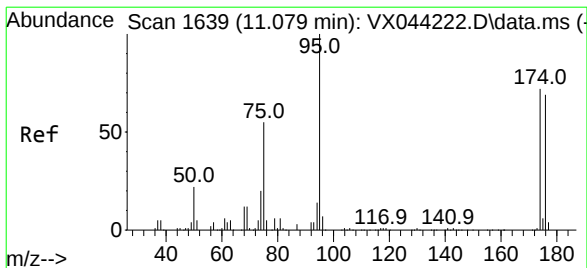
Tgt Ion:107 Resp: 574

Ion Ratio Lower Upper

107 100

109 80.5 77.0 115.4





#62

4-Bromofluorobenzene

Concen: 52.439 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044225.D

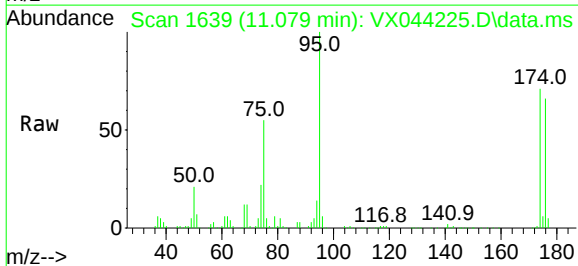
Acq: 11 Dec 2024 13:23

Instrument :

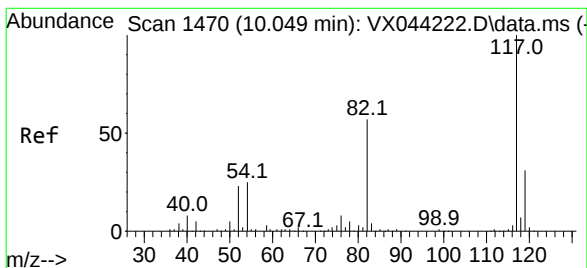
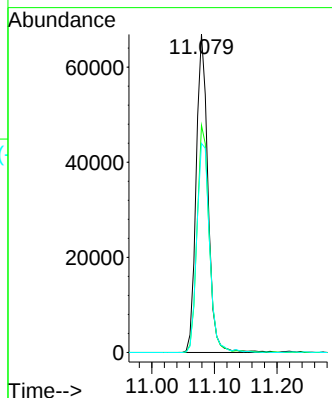
MSVOA\_X

ClientSampleId :

IBLK



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 87643 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 73.1  | 0.0   | 145.8 |
| 176      | 71.4  | 0.0   | 137.8 |



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

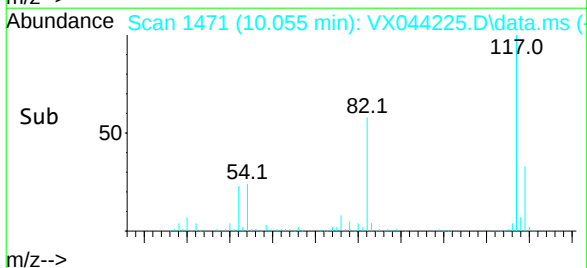
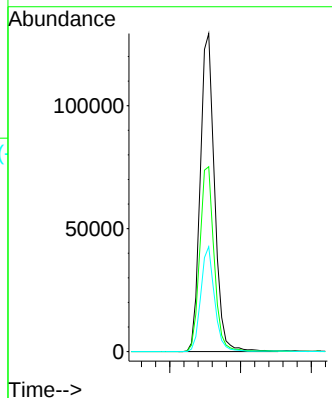
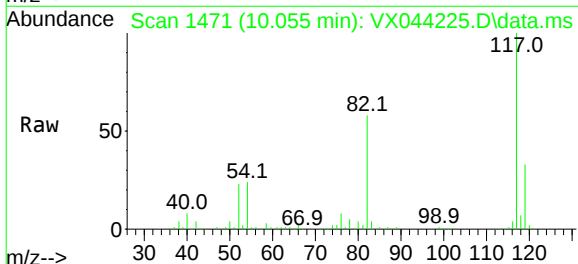
RT: 10.055 min Scan# 1471

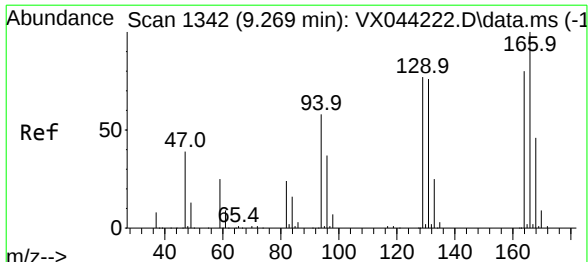
Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 181988 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 58.1  | 45.8  | 68.8   |
| 119      | 33.0  | 25.0  | 37.4   |

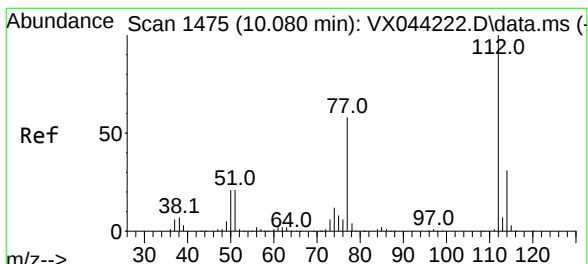
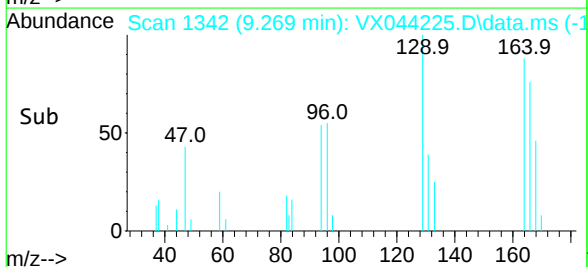
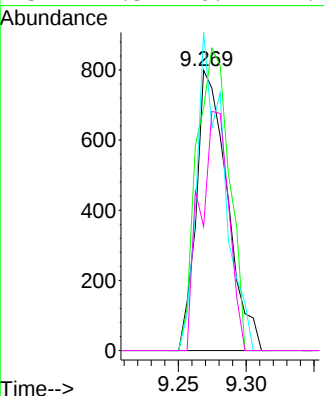
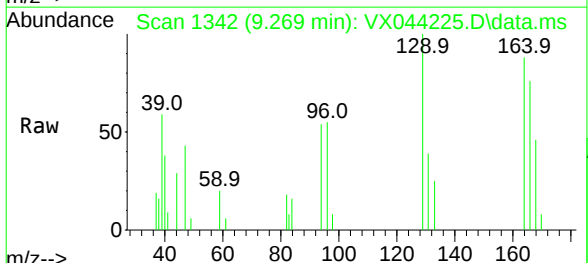




#64  
 Tetrachloroethene  
 Concen: 1.053 ug/l  
 RT: 9.269 min Scan# 1313  
 Delta R.T. -0.000 min  
 Lab File: VX044225.D  
 Acq: 11 Dec 2024 13:23

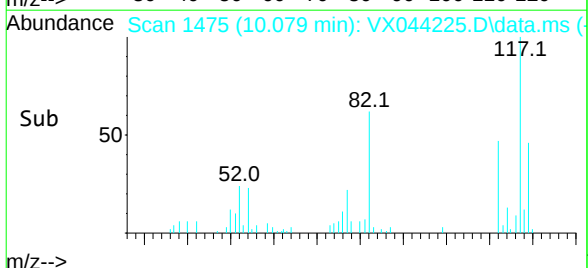
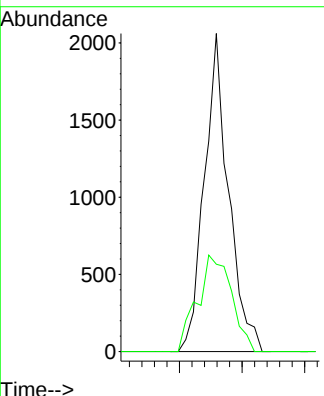
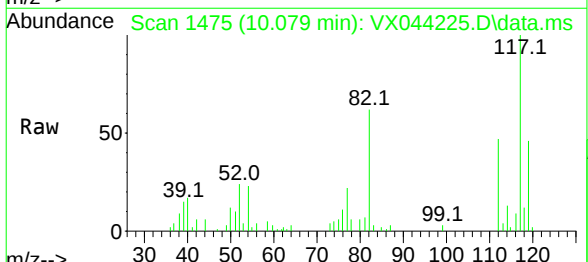
Instrument : MSVOA\_X  
 ClientSampleId : IBLK

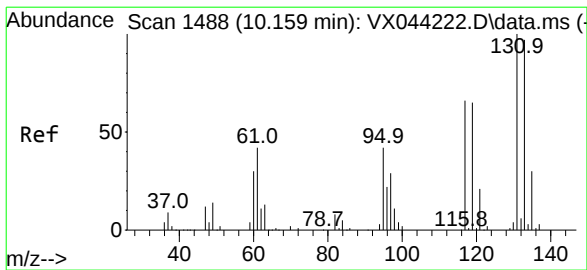
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 1272   |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 166      | 86.5  | 100.4 | 150.6# |
| 129      | 113.5 | 77.2  | 115.8  |
| 131      | 44.3  | 76.2  | 114.2# |



#65  
 Chlorobenzene  
 Concen: 0.710 ug/l  
 RT: 10.079 min Scan# 1475  
 Delta R.T. -0.000 min  
 Lab File: VX044225.D  
 Acq: 11 Dec 2024 13:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 2770  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 114      | 27.5  | 25.0  | 37.6  |

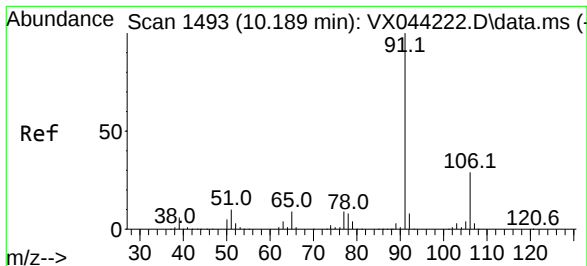
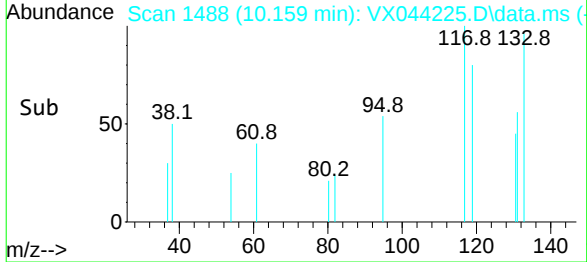
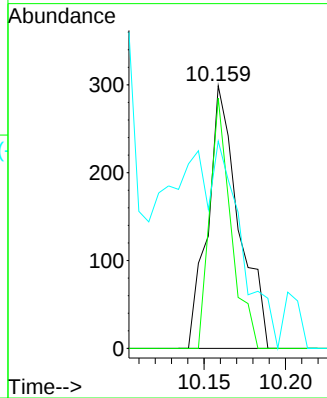
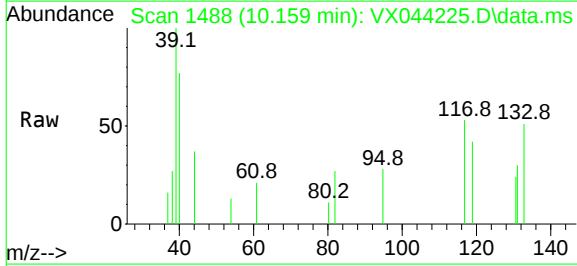




#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.316 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

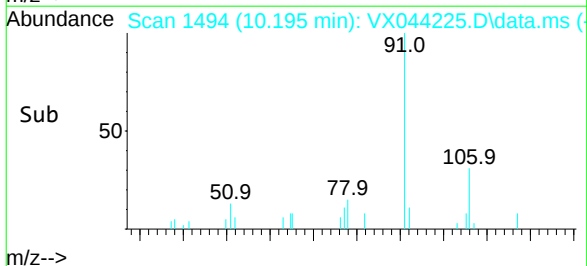
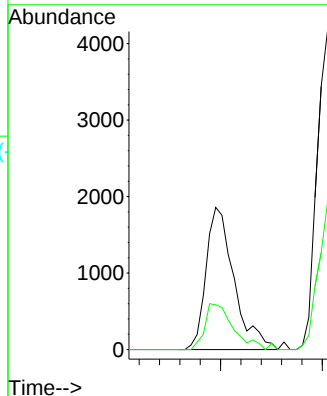
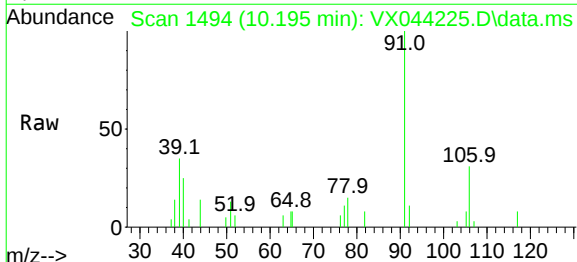
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

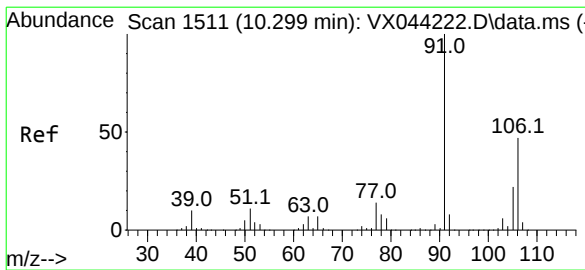
Tgt Ion: 131 Resp: 396  
Ion Ratio Lower Upper  
131 100  
133 65.2 47.3 141.8  
119 0.0 31.6 95.0#



#67  
Ethyl Benzene  
Concen: 0.526 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.006 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

Tgt Ion: 91 Resp: 3547  
Ion Ratio Lower Upper  
91 100  
106 31.5 23.5 35.3





#68

m/p-Xylenes

Concen: 1.222 ug/l

RT: 10.305 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Instrument :

MSVOA\_X

ClientSampleId :

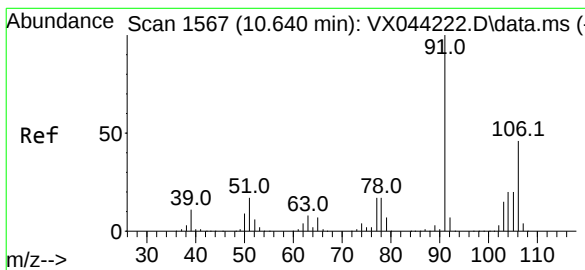
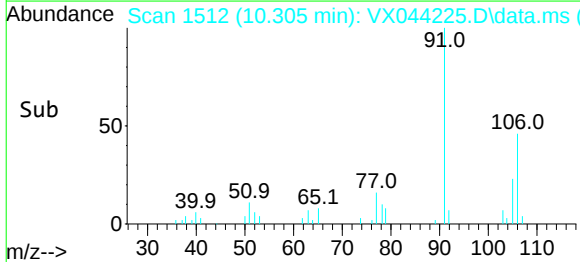
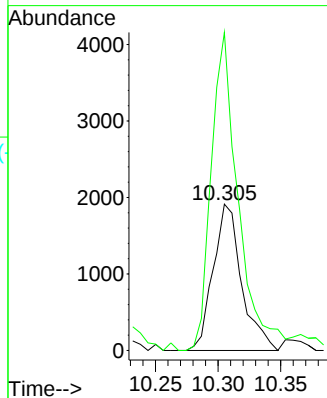
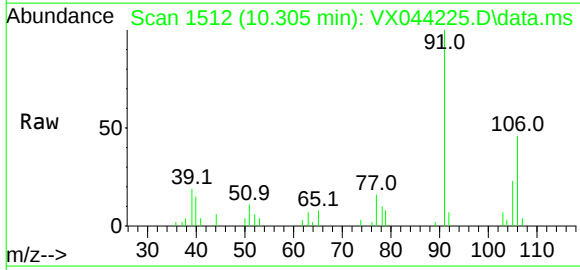
IBLK

Tgt Ion:106 Resp: 3022

Ion Ratio Lower Upper

106 100

91 208.0 170.2 255.2



#69

o-Xylene

Concen: 0.440 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX044225.D

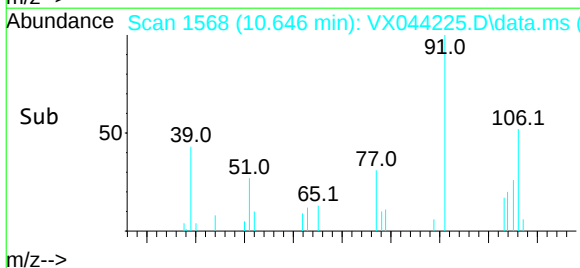
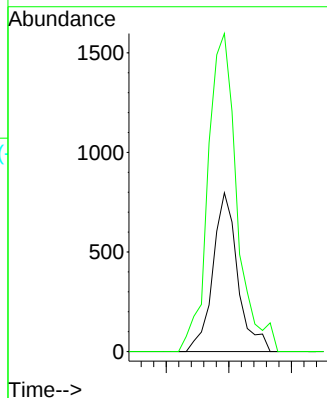
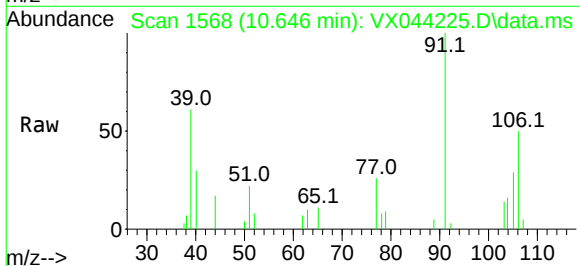
Acq: 11 Dec 2024 13:23

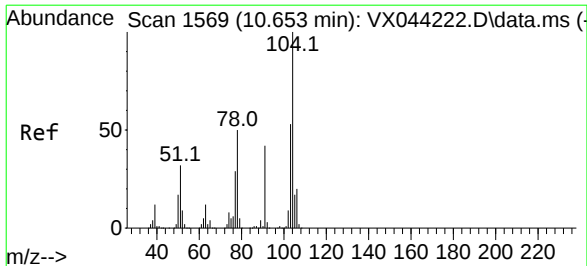
Tgt Ion:106 Resp: 1101

Ion Ratio Lower Upper

106 100

91 232.8 112.3 337.0





#70

Styrene

Concen: 0.522 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

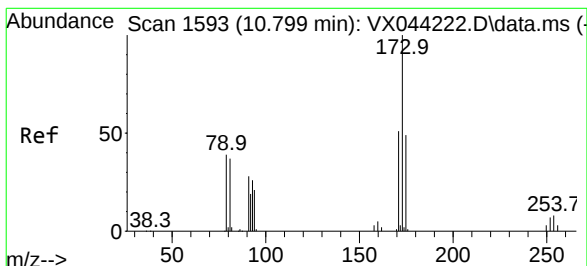
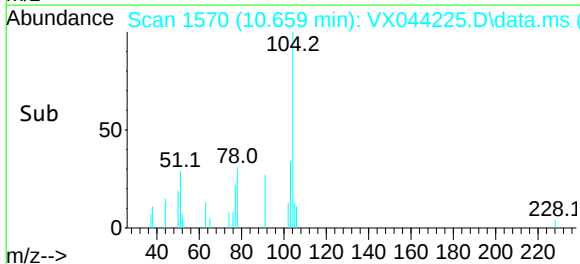
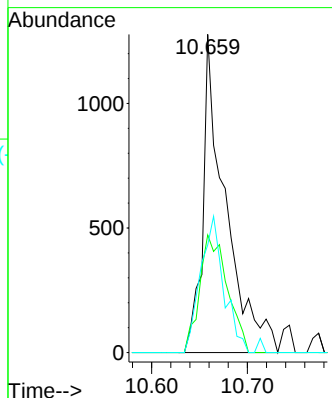
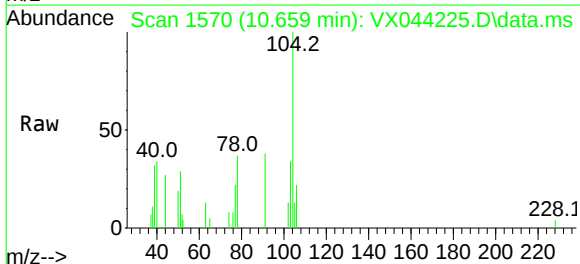
Instrument :

MSVOA\_X

ClientSampleId :

IBLK

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 104   | Resp: | 2095  |
| Ion      | Ratio | Lower | Upper |
| 104      | 100   |       |       |
| 78       | 45.6  | 44.6  | 67.0  |
| 103      | 44.3  | 45.4  | 68.0  |



#71

Bromoform

Concen: 1.530 ug/l

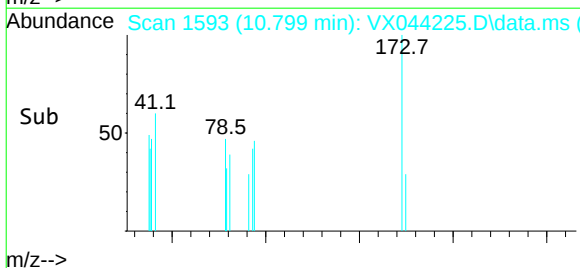
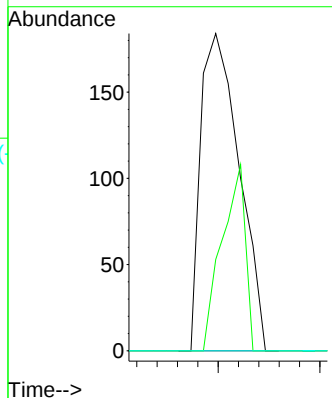
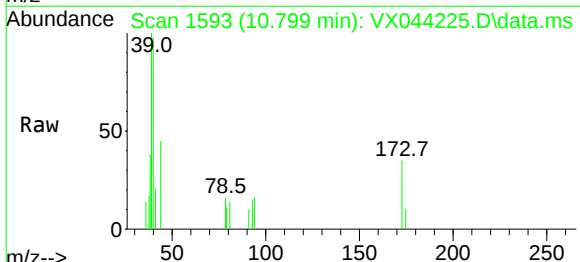
RT: 10.799 min Scan# 1593

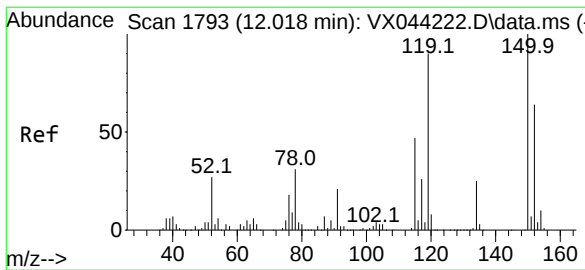
Delta R.T. -0.000 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 242   |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 0.0   | 23.8  | 71.4  |
| 254      | 0.0   | 0.0   | 0.0   |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Instrument :

MSVOA\_X

ClientSampleId :

IBLK

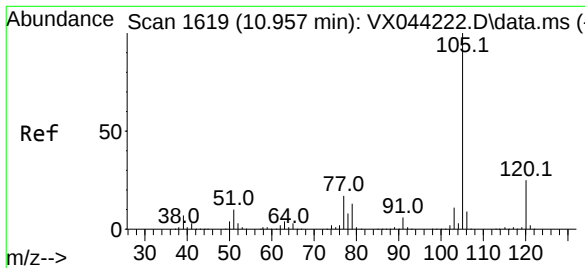
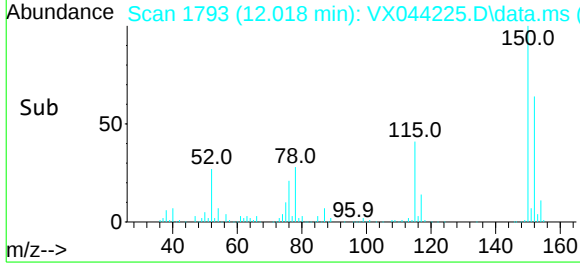
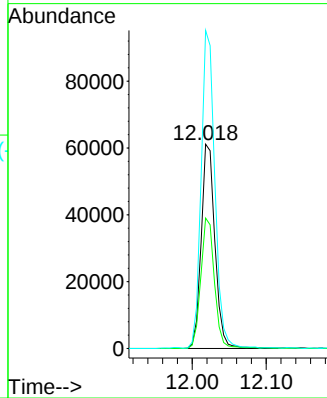
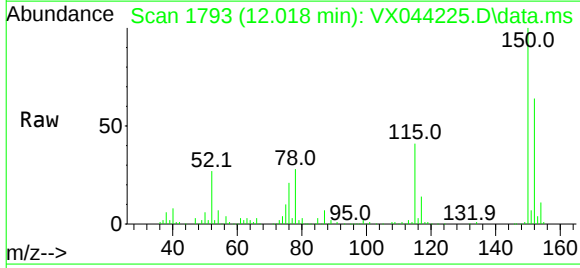
Tgt Ion:152 Resp: 79067

Ion Ratio Lower Upper

152 100

115 63.7 44.5 133.3

150 154.3 0.0 353.8



#73

Isopropylbenzene

Concen: 0.515 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044225.D

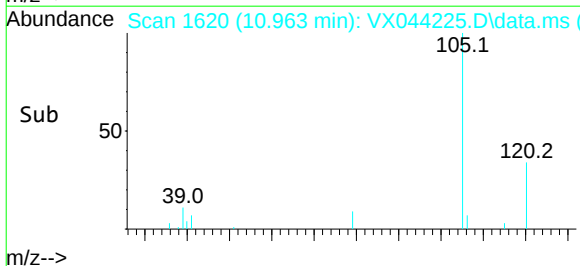
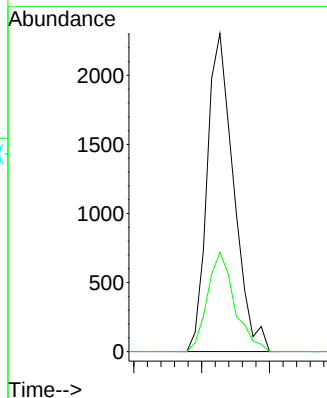
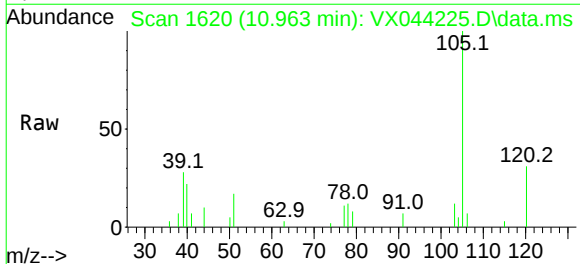
Acq: 11 Dec 2024 13:23

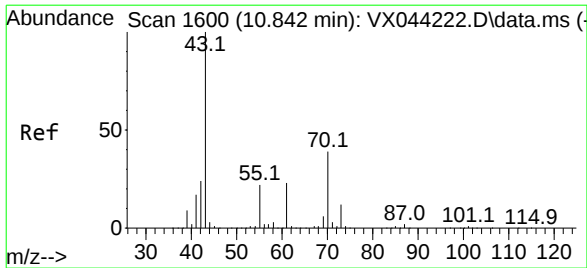
Tgt Ion:105 Resp: 3119

Ion Ratio Lower Upper

105 100

120 32.1 13.1 39.3





#74

N-amyI acetate

Concen: 0.272 ug/l

RT: 10.860 min Scan# 1603

Delta R.T. 0.018 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Instrument :

MSVOA\_X

ClientSampleId :

IBLK

Tgt Ion: 43 Resp: 762

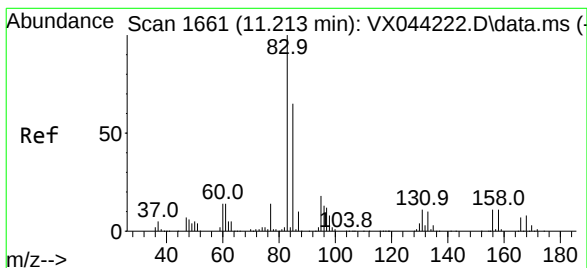
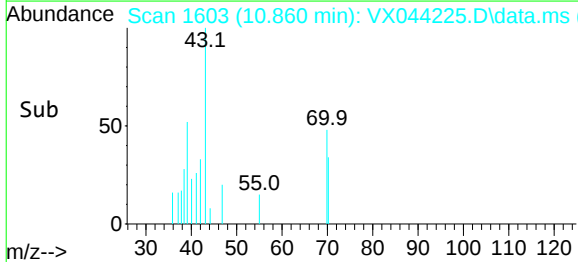
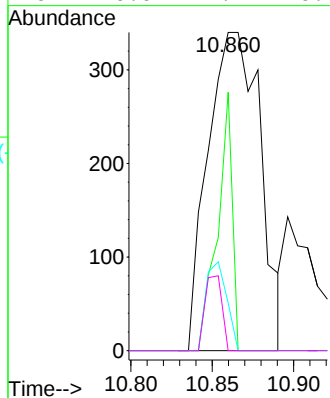
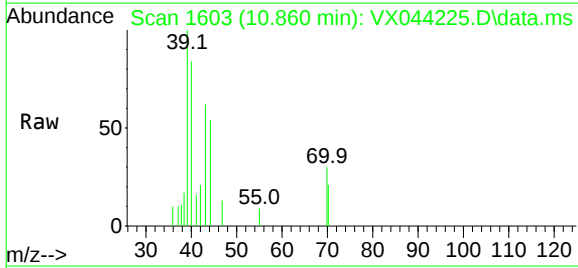
Ion Ratio Lower Upper

43 100

70 23.0 31.9 47.9#

55 11.0 17.9 26.9#

61 0.0 17.9 26.9#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.239 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

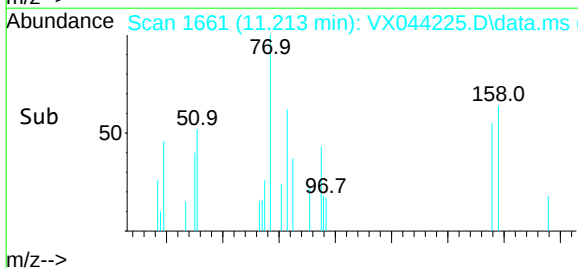
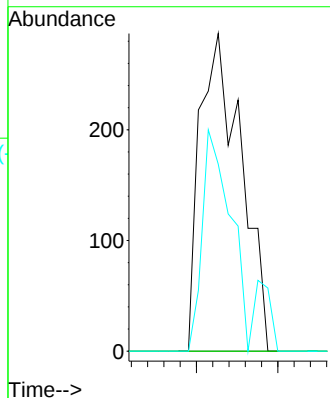
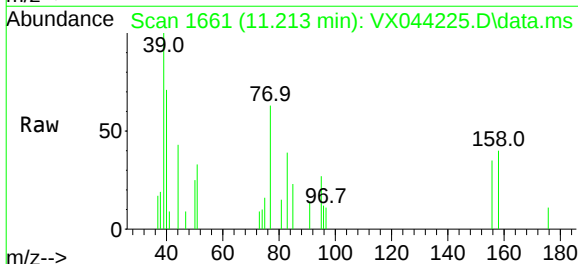
Tgt Ion: 83 Resp: 503

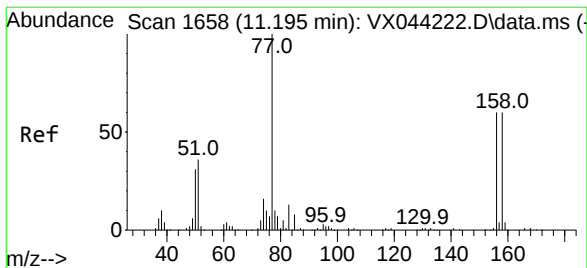
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

85 56.9 32.5 97.4





#77

Bromobenzene

Concen: 0.746 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Instrument :

MSVOA\_X

ClientSampleId :

IBLK

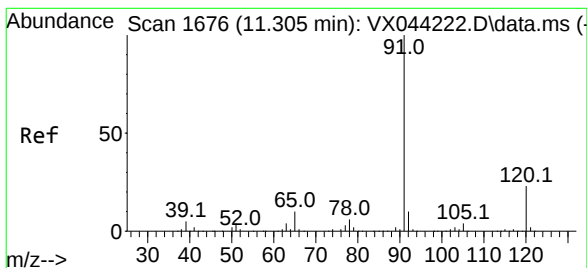
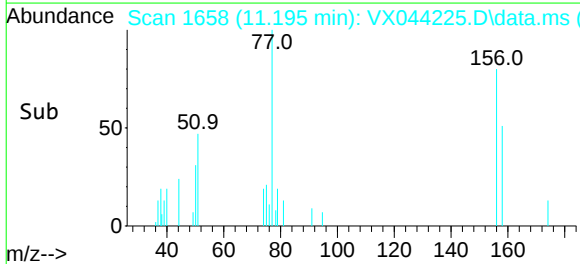
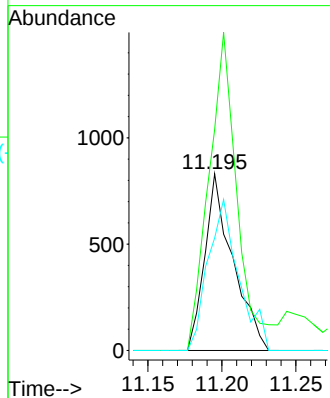
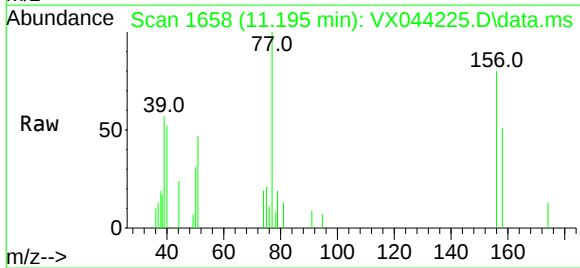
Tgt Ion:156 Resp: 1095

Ion Ratio Lower Upper

156 100

77 184.2 82.6 247.8

158 93.6 48.8 146.4



#78

n-propylbenzene

Concen: 0.732 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX044225.D

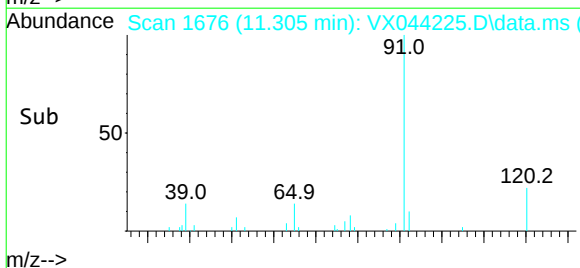
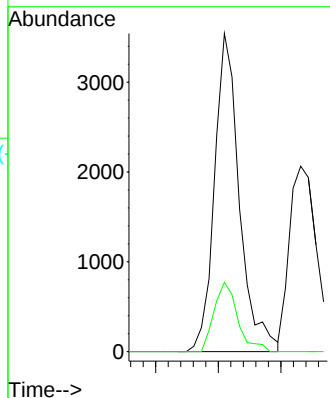
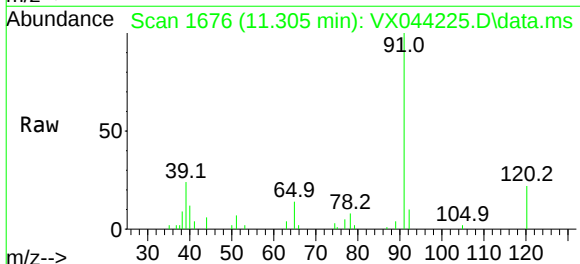
Acq: 11 Dec 2024 13:23

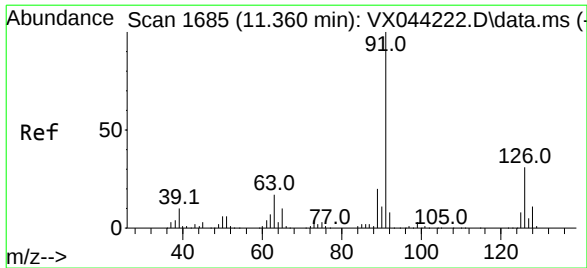
Tgt Ion: 91 Resp: 4895

Ion Ratio Lower Upper

91 100

120 20.6 11.0 33.0





#79

2-Chlorotoluene

Concen: 0.770 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Instrument :

MSVOA\_X

ClientSampleId :

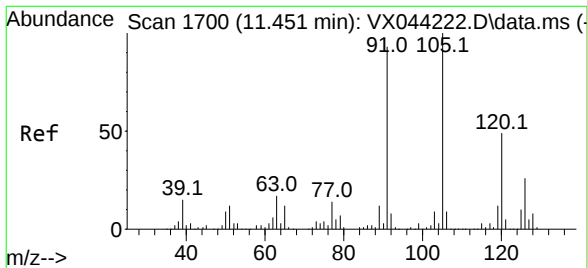
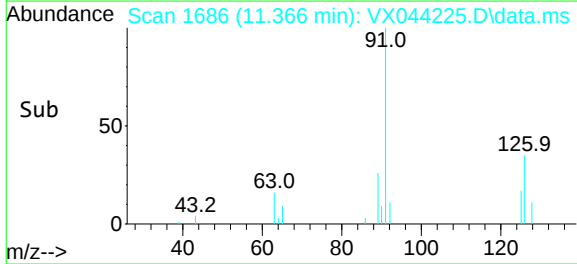
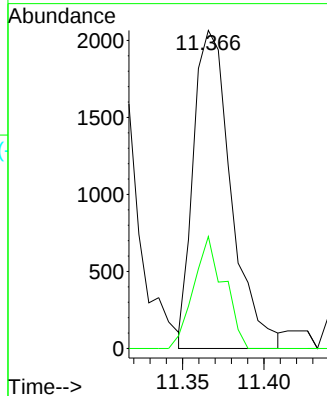
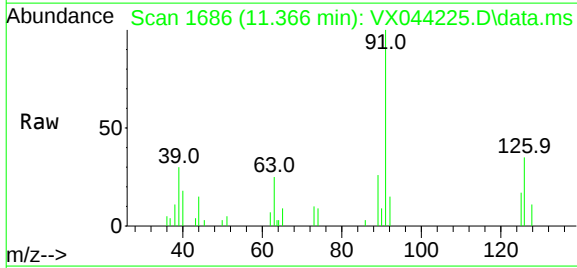
IBLK

Tgt Ion: 91 Resp: 3333

Ion Ratio Lower Upper

91 100

126 28.4 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 0.586 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044225.D

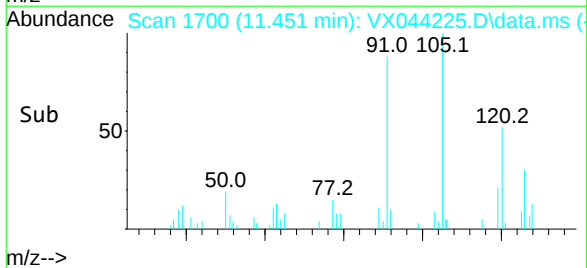
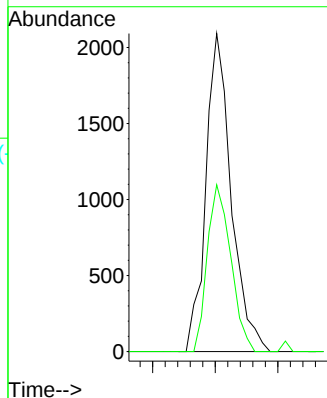
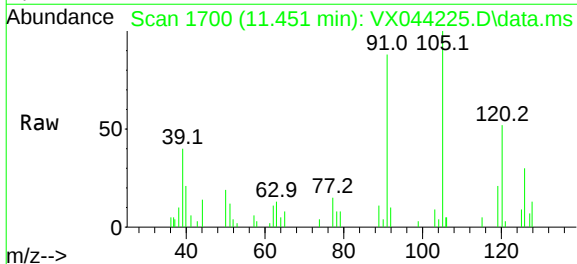
Acq: 11 Dec 2024 13:23

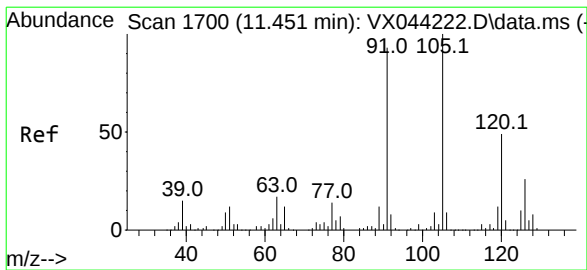
Tgt Ion: 105 Resp: 2940

Ion Ratio Lower Upper

105 100

120 48.5 23.8 71.4

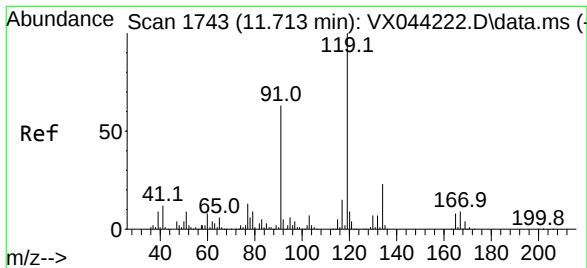
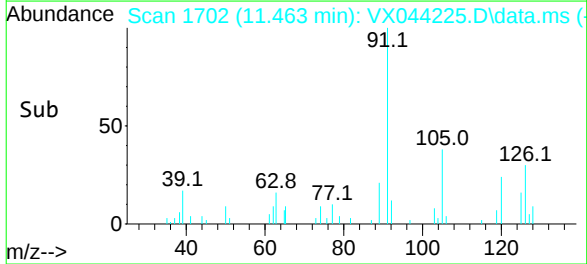
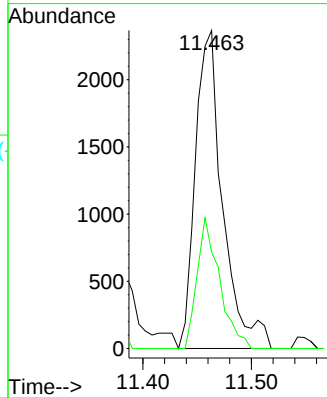
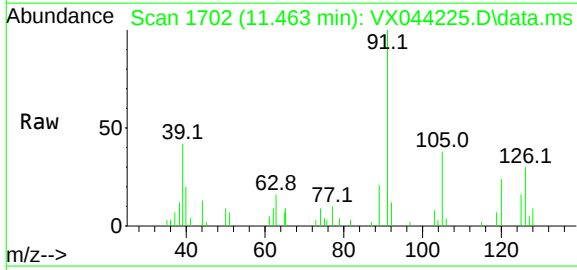




#82  
4-Chlorotoluene  
Concen: 0.862 ug/l  
RT: 11.463 min Scan# 1702  
Delta R.T. 0.012 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

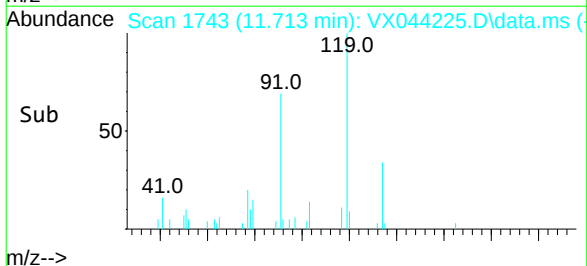
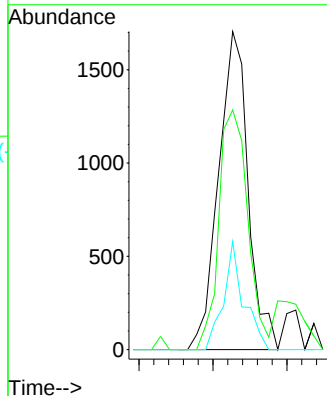
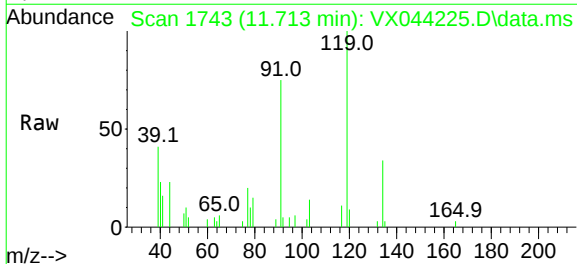
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

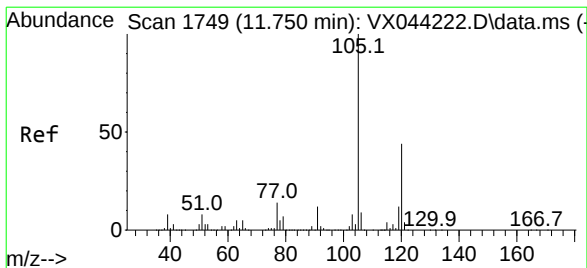
Tgt Ion: 91 Resp: 4128  
Ion Ratio Lower Upper  
91 100  
126 33.9 14.5 43.5



#83  
tert-Butylbenzene  
Concen: 0.477 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

Tgt Ion: 119 Resp: 2364  
Ion Ratio Lower Upper  
119 100  
91 73.8 30.9 92.5  
134 23.3 11.5 34.4





#84

1,2,4-Trimethylbenzene

Concen: 0.654 ug/l

RT: 11.756 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Instrument :

MSVOA\_X

ClientSampleId :

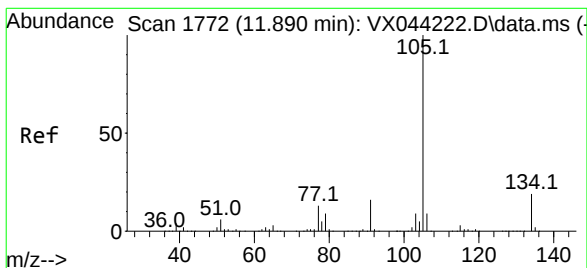
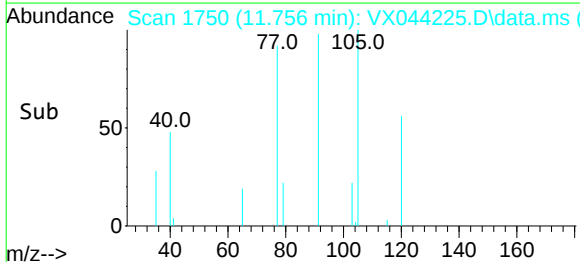
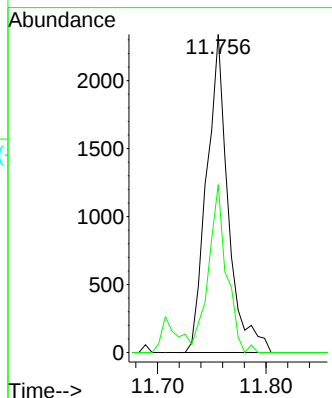
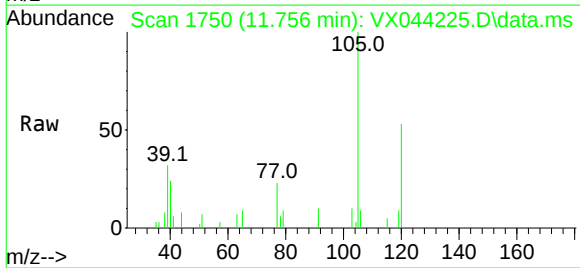
IBLK

Tgt Ion:105 Resp: 3222

Ion Ratio Lower Upper

105 100

120 44.2 21.7 65.1



#85

sec-Butylbenzene

Concen: 0.637 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044225.D

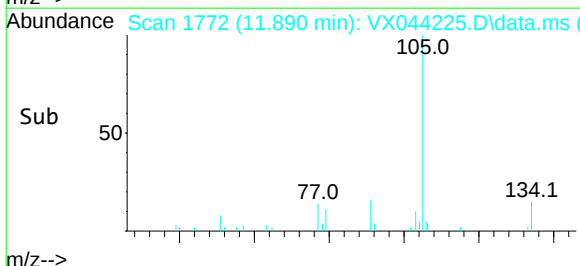
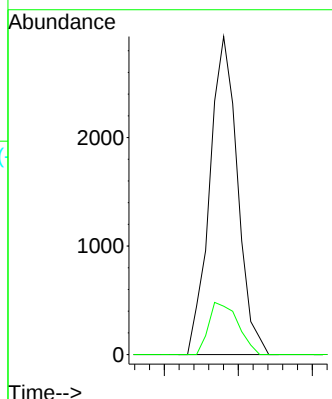
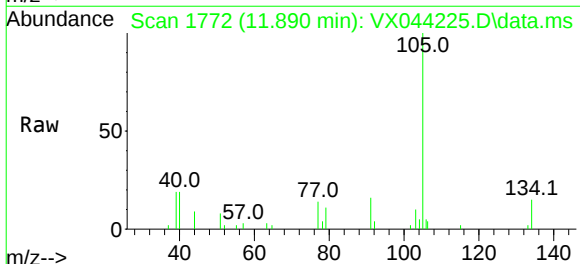
Acq: 11 Dec 2024 13:23

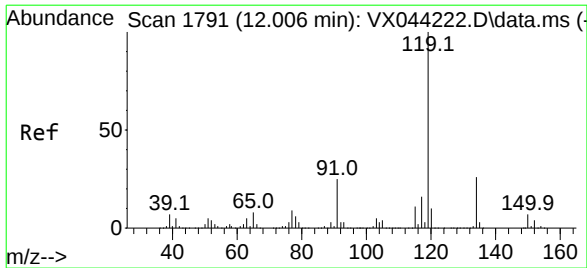
Tgt Ion:105 Resp: 3837

Ion Ratio Lower Upper

105 100

134 17.1 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.610 ug/l

RT: 12.012 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

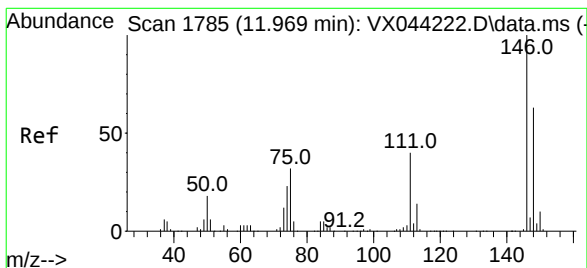
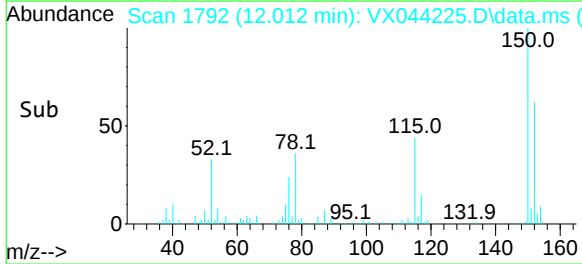
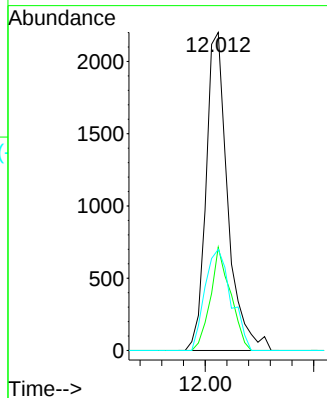
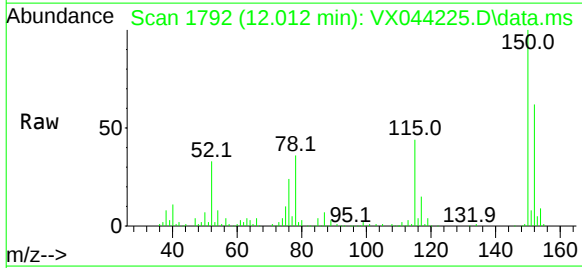
Instrument :

MSVOA\_X

ClientSampleId :

IBLK

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 3056  |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 134      | 30.1  | 12.8  | 38.4  |
| 91       | 38.6  | 13.0  | 39.0  |



#87

1,3-Dichlorobenzene

Concen: 1.150 ug/l

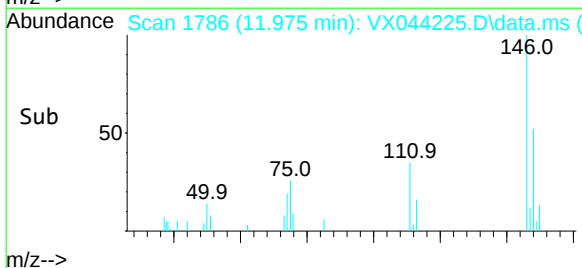
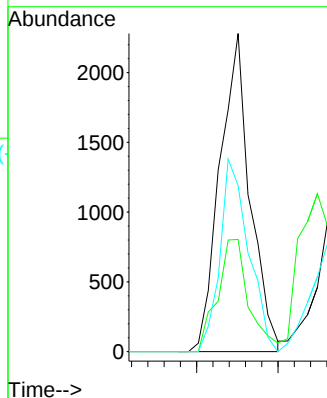
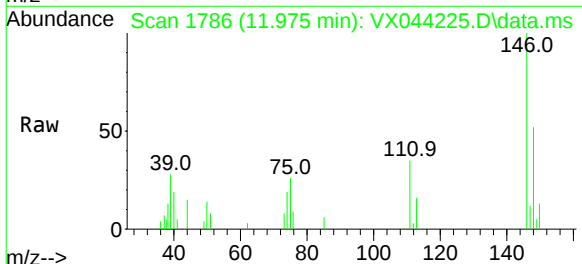
RT: 11.975 min Scan# 1786

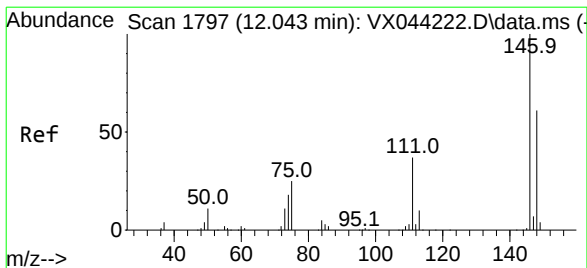
Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 2948  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 36.5  | 21.4  | 64.2  |
| 148      | 57.0  | 31.7  | 95.1  |





#88

1,4-Dichlorobenzene

Concen: 1.119 ug/l

RT: 11.975 min Scan# 17

Delta R.T. -0.067 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Instrument :

MSVOA\_X

ClientSampleId :

IBLK

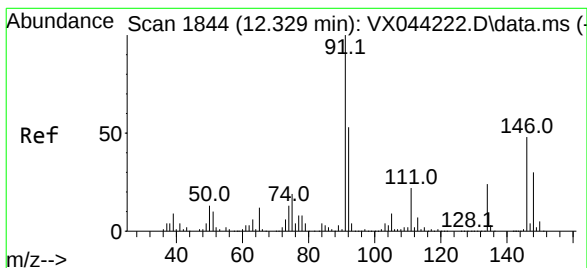
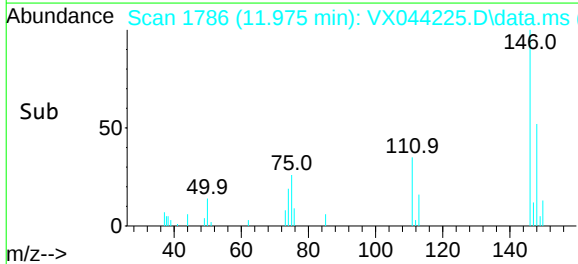
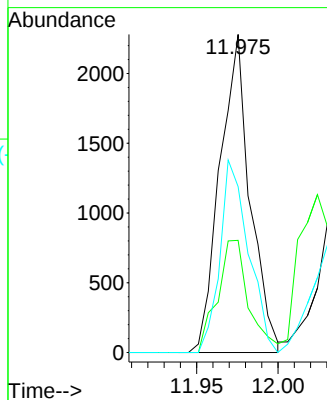
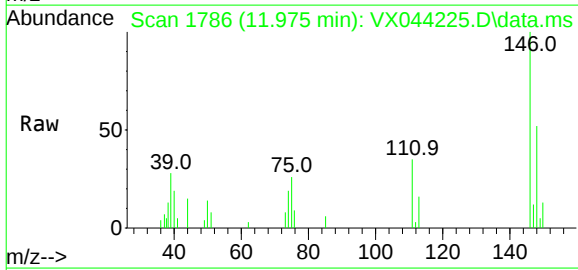
Tgt Ion:146 Resp: 2948

Ion Ratio Lower Upper

146 100

111 36.5 21.0 63.0

148 57.0 32.3 96.8



#89

n-Butylbenzene

Concen: 0.835 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

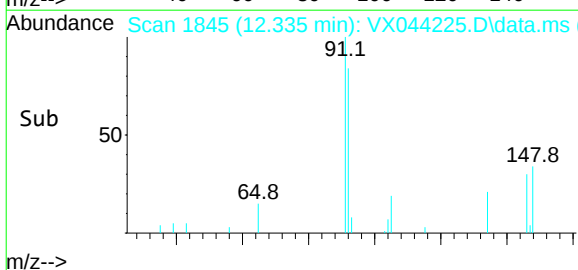
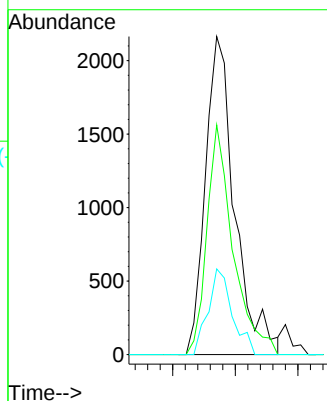
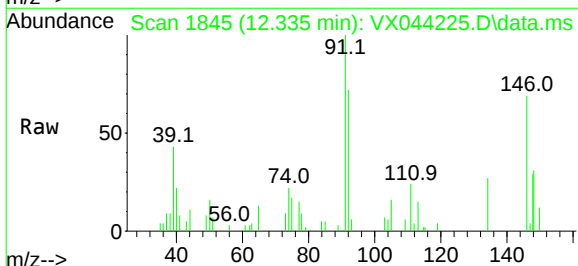
Tgt Ion: 91 Resp: 3519

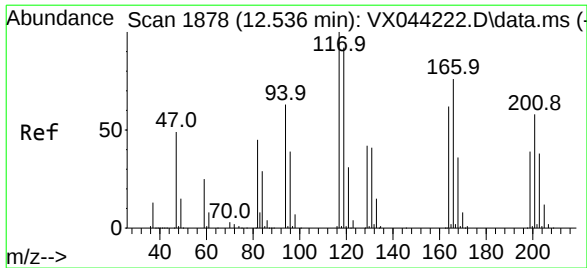
Ion Ratio Lower Upper

91 100

92 64.3 26.6 79.7

134 22.2 12.6 37.8





#90

Hexachloroethane

Concen: 0.347 ug/l

RT: 12.542 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

Instrument :

MSVOA\_X

ClientSampleId :

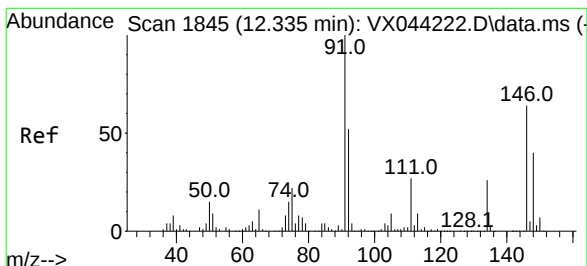
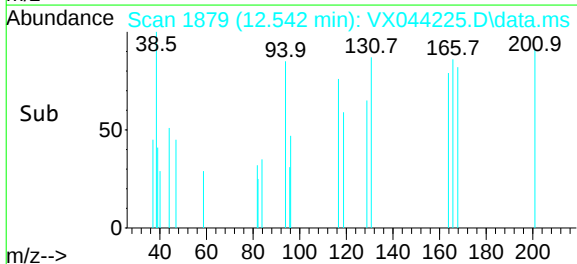
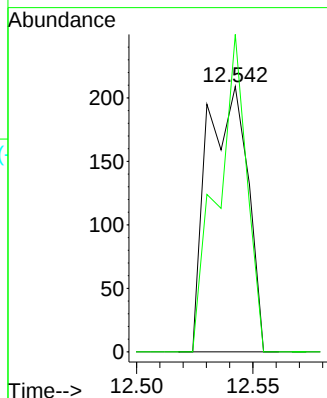
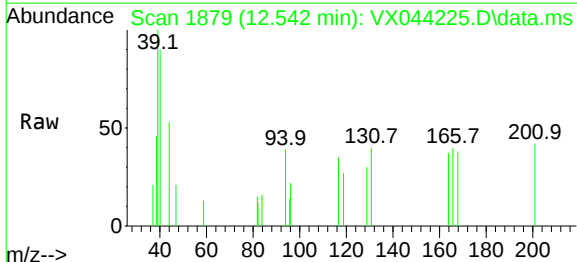
IBLK

Tgt Ion:117 Resp: 254

Ion Ratio Lower Upper

117 100

201 87.0 31.4 94.2



#91

1,2-Dichlorobenzene

Concen: 0.710 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

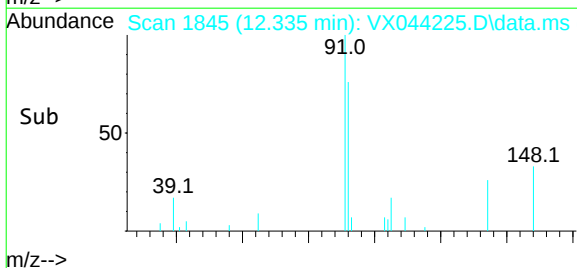
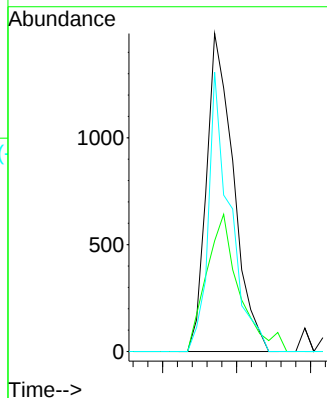
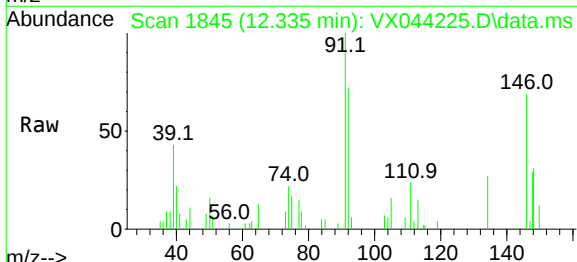
Tgt Ion:146 Resp: 1891

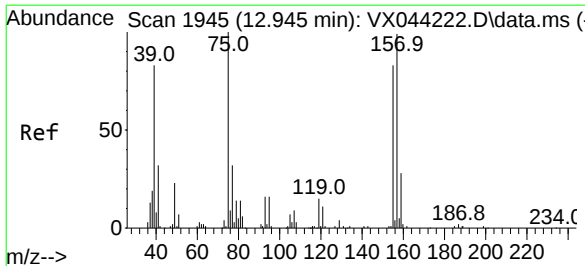
Ion Ratio Lower Upper

146 100

111 52.1 21.4 64.3

148 70.1 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.368 ug/l

RT: 12.951 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

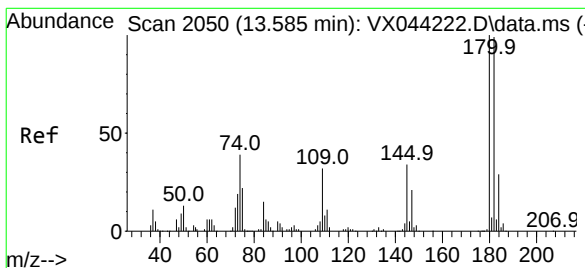
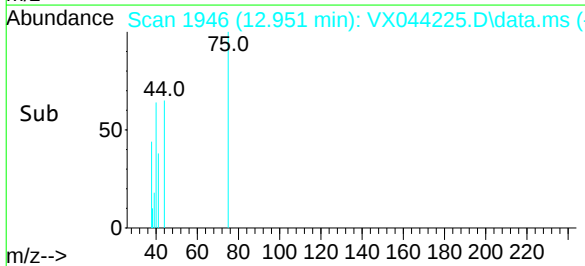
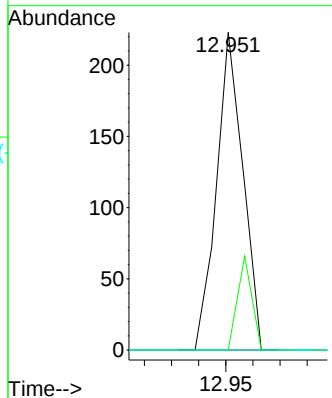
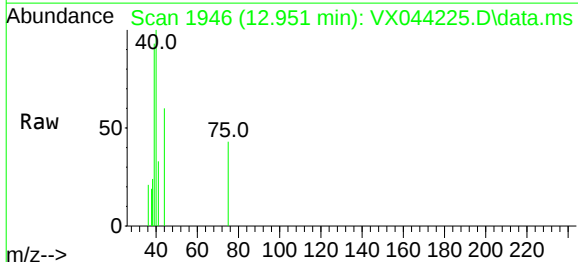
Instrument :

MSVOA\_X

ClientSampleId :

IBLK

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 150    |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 155      | 16.0  | 38.1  | 114.3# |
| 157      | 0.0   | 47.2  | 141.6# |



#93

1,2,4-Trichlorobenzene

Concen: 1.476 ug/l

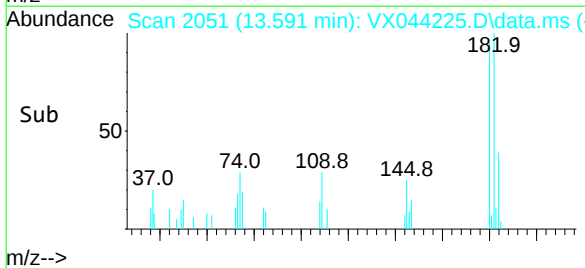
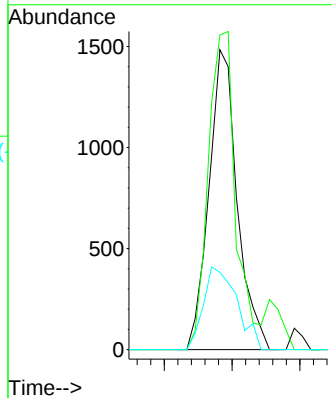
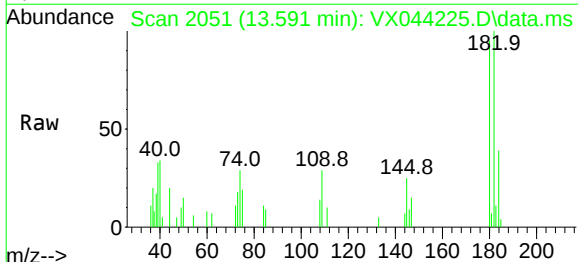
RT: 13.591 min Scan# 2051

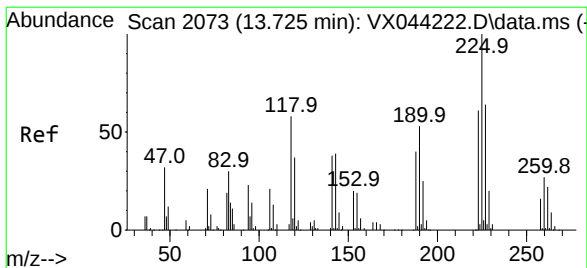
Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 2154  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 102.8 | 48.0  | 144.2 |
| 145      | 32.5  | 16.6  | 49.7  |





#94

Hexachlorobutadiene

Concen: 1.048 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

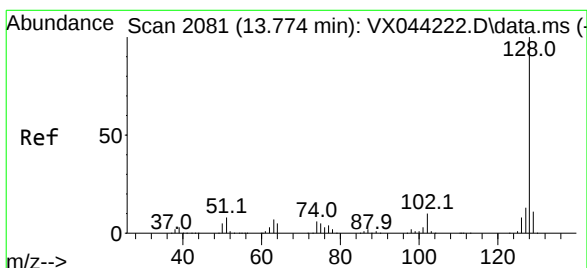
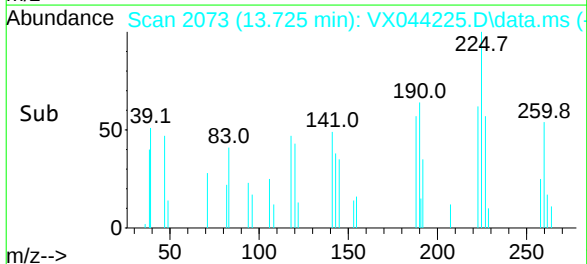
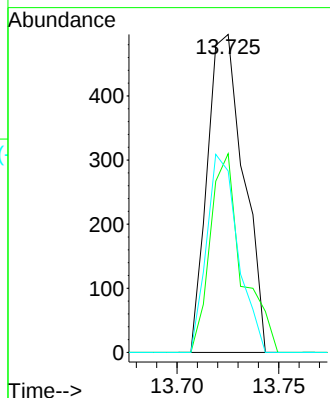
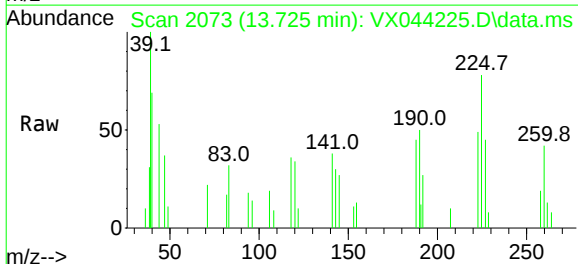
Instrument :

MSVOA\_X

ClientSampleId :

IBLK

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 615   |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 54.6  | 30.8  | 92.4  |
| 227      | 53.8  | 32.1  | 96.3  |



#95

Naphthalene

Concen: 1.833 ug/l

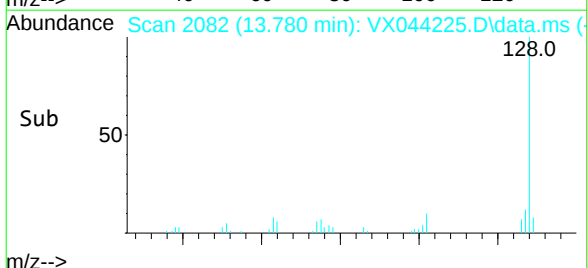
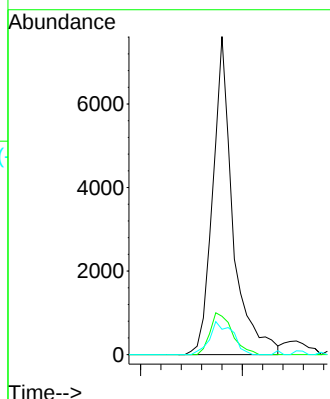
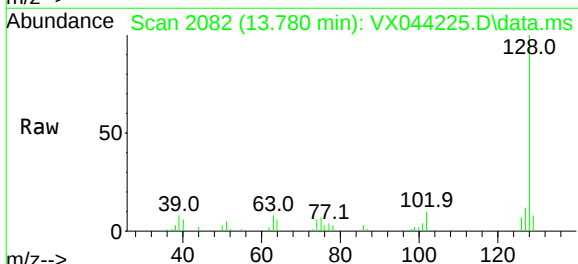
RT: 13.780 min Scan# 2082

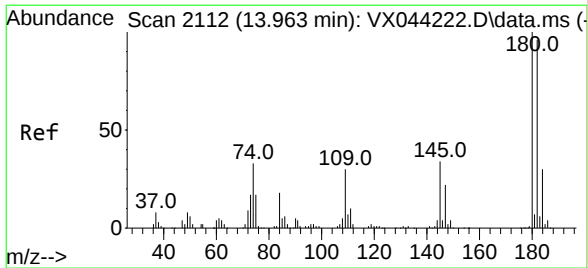
Delta R.T. 0.006 min

Lab File: VX044225.D

Acq: 11 Dec 2024 13:23

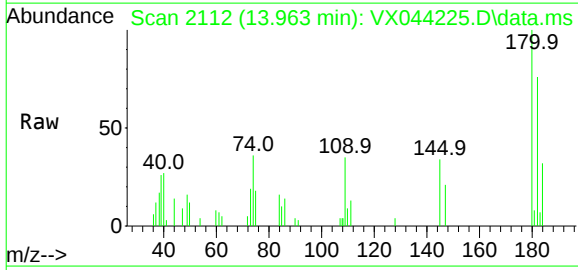
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 10445 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 14.5  | 10.5  | 15.7  |
| 129      | 11.9  | 9.0   | 13.4  |





#96  
1,2,3-Trichlorobenzene  
Concen: 1.597 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX044225.D  
Acq: 11 Dec 2024 13:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 2472  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 102.2 | 48.0  | 144.0 |
| 145      | 33.3  | 17.7  | 53.1  |

