

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101424\  
 Data File : VX043378.D  
 Acq On : 14 Oct 2024 13:33  
 Operator : JC/MD  
 Sample : VX1014MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 15 01:44:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|------------------------------|----------------|------|------------|----------|-------|----------|
| -----                        |                |      |            |          |       |          |
| Internal Standards           |                |      |            |          |       |          |
| 1) Pentafluorobenzene        | 5.550          | 168  | 102565     | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757          | 114  | 178800     | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 152801     | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 71479      | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |                |      |            |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.952          | 65   | 83739      | 49.992   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 99.980%  |       |          |
| 35) Dibromofluoromethane     | 5.385          | 113  | 61172      | 49.609   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 99.220%  |       |          |
| 50) Toluene-d8               | 8.647          | 98   | 207589     | 48.580   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 97.160%  |       |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 77893      | 50.175   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = | 100.360% |       |          |
| Target Compounds             |                |      |            |          |       |          |
|                              |                |      |            |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 22147      | 18.564   | ug/l  | 95       |
| 3) Chloromethane             | 1.294          | 50   | 23098      | 18.799   | ug/l  | 100      |
| 4) Vinyl Chloride            | 1.374          | 62   | 23774      | 19.317   | ug/l  | 97       |
| 5) Bromomethane              | 1.599          | 94   | 9558       | 19.009   | ug/l  | 99       |
| 6) Chloroethane              | 1.666          | 64   | 8195       | 17.881   | ug/l  | 97       |
| 7) Trichlorofluoromethane    | 1.868          | 101  | 34600      | 18.816   | ug/l  | 99       |
| 8) Diethyl Ether             | 2.136          | 74   | 13737      | 19.196   | ug/l  | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319          | 101  | 22344      | 19.471   | ug/l  | 97       |
| 10) Methyl Iodide            | 2.447          | 142  | 25982      | 18.026   | ug/l  | 98       |
| 11) Tert butyl alcohol       | 3.001          | 59   | 35471      | 111.281  | ug/l  | 97       |
| 12) 1,1-Dichloroethene       | 2.313          | 96   | 21029      | 18.454   | ug/l  | 99       |
| 13) Acrolein                 | 2.239          | 56   | 26390      | 87.657   | ug/l  | 99       |
| 14) Allyl chloride           | 2.660          | 41   | 36448      | 19.468   | ug/l  | 98       |
| 15) Acrylonitrile            | 3.069          | 53   | 62830      | 96.532   | ug/l  | 99       |
| 16) Acetone                  | 2.392          | 43   | 73865      | 105.595  | ug/l  | 98       |
| 17) Carbon Disulfide         | 2.502          | 76   | 45100      | 16.271   | ug/l  | 99       |
| 18) Methyl Acetate           | 2.709          | 43   | 32840      | 18.714   | ug/l  | 100      |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 81914      | 20.092   | ug/l  | 99       |
| 20) Methylene Chloride       | 2.788          | 84   | 24435      | 18.946   | ug/l  | 97       |
| 21) trans-1,2-Dichloroethene | 3.087          | 96   | 21831      | 19.249   | ug/l  | 98       |
| 22) Diisopropyl ether        | 3.764          | 45   | 77879      | 20.682   | ug/l  | 96       |
| 23) Vinyl Acetate            | 3.721          | 43   | 335815     | 84.677   | ug/l  | 100      |
| 24) 1,1-Dichloroethane       | 3.605          | 63   | 43450      | 19.806   | ug/l  | 99       |
| 25) 2-Butanone               | 4.562          | 43   | 99302      | 103.534  | ug/l  | 97       |
| 26) 2,2-Dichloropropane      | 4.477          | 77   | 43057      | 20.629   | ug/l  | 98       |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 27623      | 19.530   | ug/l  | 99       |
| 28) Bromochloromethane       | 4.897          | 49   | 17622      | 20.361   | ug/l  | 96       |
| 29) Tetrahydrofuran          | 5.007          | 42   | 59434      | 97.272   | ug/l  | 100      |
| 30) Chloroform               | 5.093          | 83   | 48023      | 19.934   | ug/l  | 98       |
| 31) Cyclohexane              | 5.464          | 56   | 35238      | 19.496   | ug/l  | 97       |
| 32) 1,1,1-Trichloroethane    | 5.379          | 97   | 44048      | 19.906   | ug/l  | 99       |
| 36) 1,1-Dichloropropene      | 5.690          | 75   | 30233      | 19.408   | ug/l  | 99       |
| 37) Ethyl Acetate            | 4.721          | 43   | 35914      | 19.198   | ug/l  | 99       |
| 38) Carbon Tetrachloride     | 5.672          | 117  | 35256      | 19.118   | ug/l  | 96       |
| 39) Methylcyclohexane        | 7.379          | 83   | 38663      | 19.734   | ug/l  | 95       |
| 40) Benzene                  | 6.031          | 78   | 93073      | 19.706   | ug/l  | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101424\  
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 Operator : JC/MD  
 Sample : VX1014MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 15 01:44:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 19593    | 20.120  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 39265    | 20.402  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.342  | 43   | 61497    | 19.903  | ug/l   | 100      |
| 44) Trichloroethene           | 7.123  | 130  | 24172    | 19.296  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 23192    | 20.010  | ug/l   | 98       |
| 46) Dibromomethane            | 7.580  | 93   | 18281    | 19.683  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.824  | 83   | 35478    | 19.430  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.696  | 41   | 30150    | 19.887  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 12290    | 417.026 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 188224   | 100.299 | ug/l   | 100      |
| 52) Toluene                   | 8.720  | 92   | 59329    | 20.043  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 36397    | 20.059  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 38485    | 19.775  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 23977    | 20.382  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 38254    | 19.890  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 41284    | 20.605  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 89099    | 102.776 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 144822   | 102.050 | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 25280    | 18.524  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 25411    | 20.105  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.269  | 164  | 21618    | 20.389  | ug/l   | 95       |
| 65) Chlorobenzene             | 10.079 | 112  | 64383    | 19.599  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 22709    | 19.550  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 113540   | 19.996  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 83982    | 39.138  | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 41891    | 19.646  | ug/l   | 99       |
| 70) Styrene                   | 10.653 | 104  | 68450    | 19.808  | ug/l   | 100      |
| 71) Bromoform                 | 10.799 | 173  | 15831    | 17.791  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 108466   | 19.518  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 50354    | 19.087  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 35445    | 19.579  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 39394    | 24.847  | ug/l   | 85       |
| 77) Bromobenzene              | 11.195 | 156  | 25767    | 19.053  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.305 | 91   | 121027   | 19.838  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 76318    | 19.458  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 91078    | 19.868  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 11078    | 18.108  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 86354    | 19.327  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 91599    | 19.395  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 91323    | 19.799  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 109606   | 19.577  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 92943    | 19.898  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 46195    | 19.391  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 45453    | 18.506  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 77238    | 19.751  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 15628    | 17.840  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 47481    | 19.488  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 8362     | 18.918  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 26956    | 19.192  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 10938    | 19.644  | ug/l   | 95       |
| 95) Naphthalene               | 13.774 | 128  | 99060    | 19.185  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 28384    | 19.586  | ug/l   | 99       |

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Sample : VX1014MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Oct 15 01:44:44 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 02 16:50:57 2024  
Response via : Initial Calibration

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

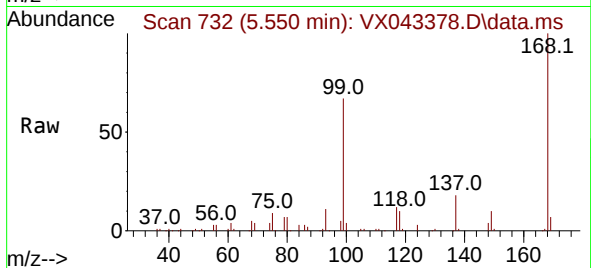
(#) = qualifier out of range (m) = manual integration (+) = signals summed



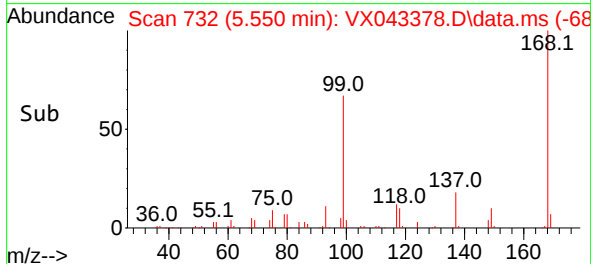
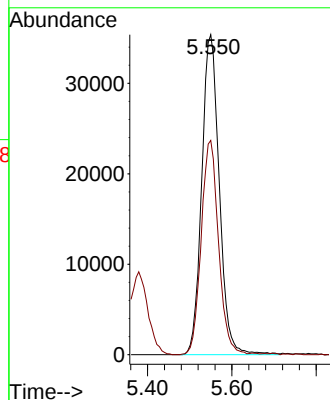


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :

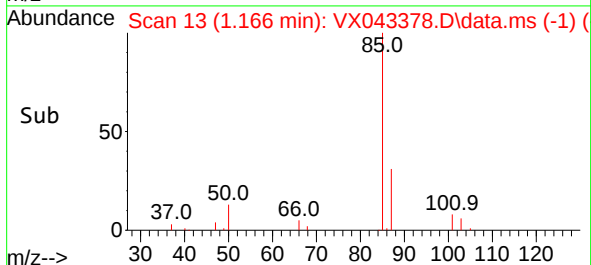
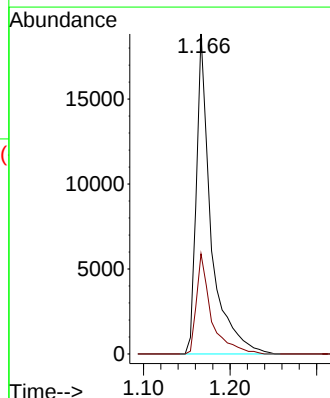
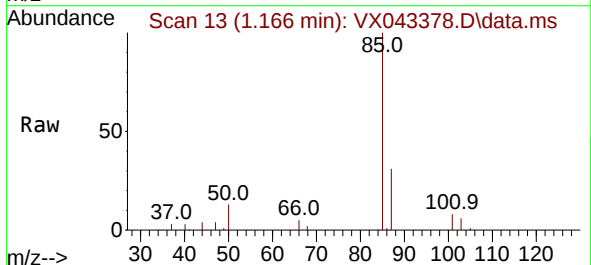


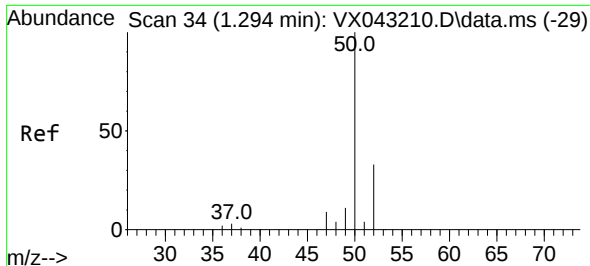
Tgt Ion:168 Resp: 102565  
Ion Ratio Lower Upper  
168 100  
99 66.9 49.7 74.5



#2  
Dichlorodifluoromethane  
Concen: 18.564 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 85 Resp: 22147  
Ion Ratio Lower Upper  
85 100  
87 31.3 17.1 51.2

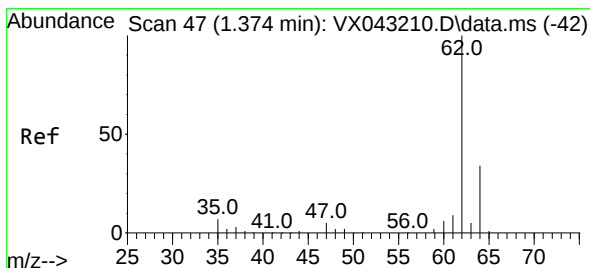
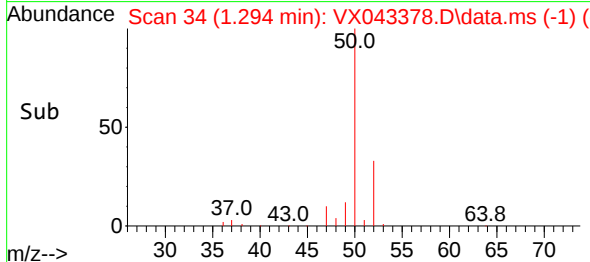
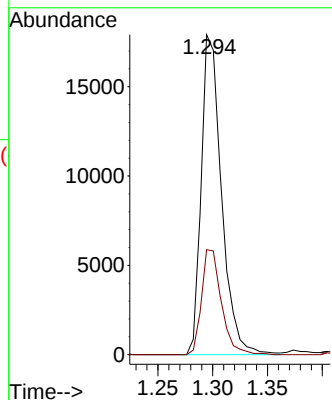
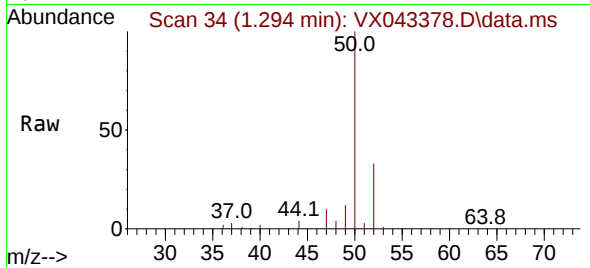




#3  
Chloromethane  
Concen: 18.799 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

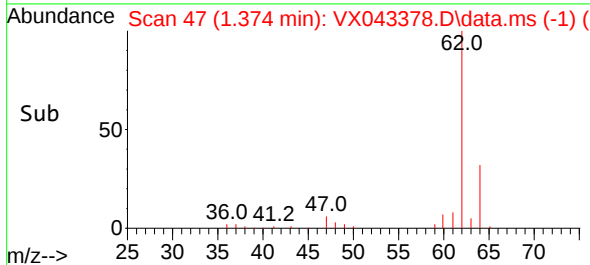
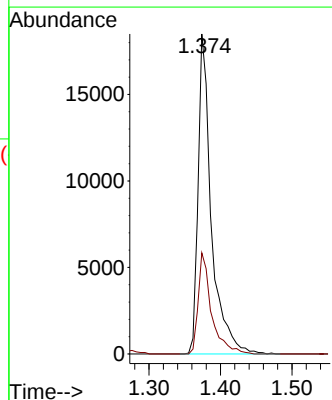
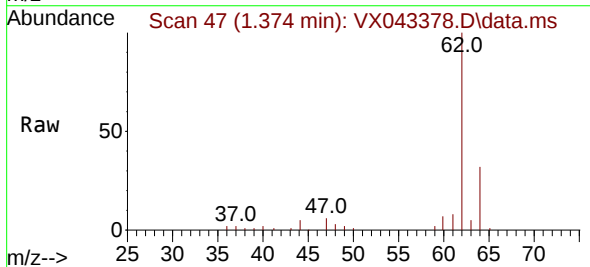
Instrument :  
MSVOA\_X  
ClientSampleId :

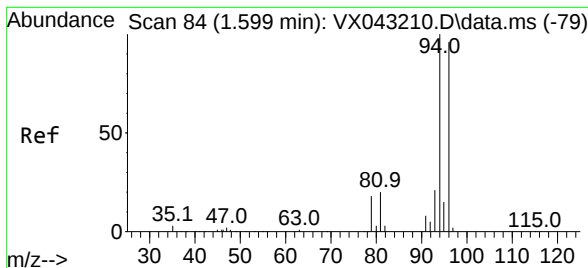
Tgt Ion: 50 Resp: 23098  
Ion Ratio Lower Upper  
50 100  
52 32.8 26.1 39.1



#4  
Vinyl Chloride  
Concen: 19.317 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 62 Resp: 23774  
Ion Ratio Lower Upper  
62 100  
64 31.6 26.8 40.2

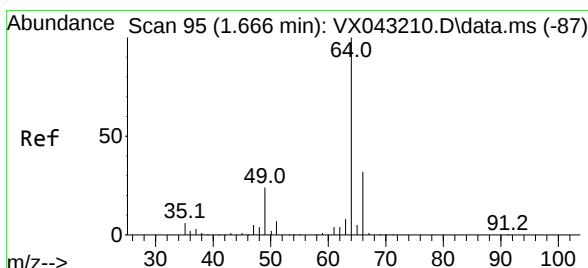
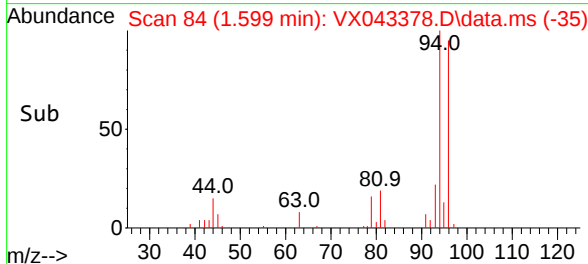
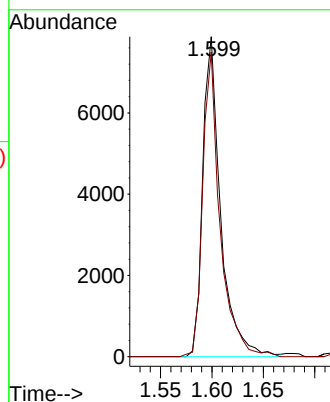
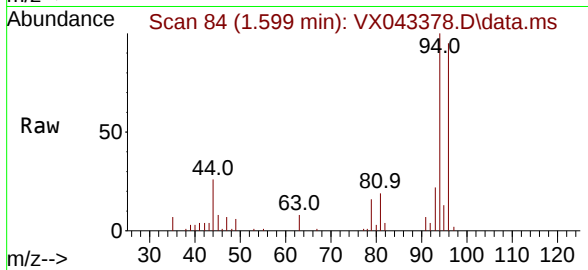




#5  
Bromomethane  
Concen: 19.009 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

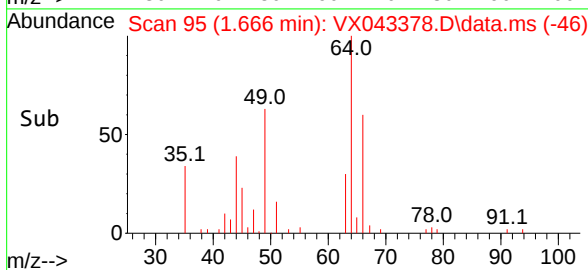
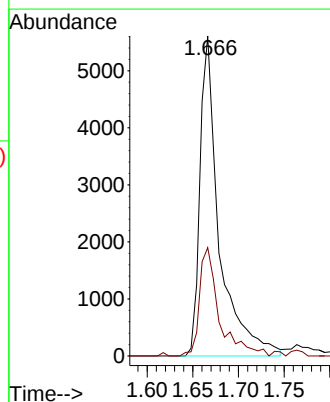
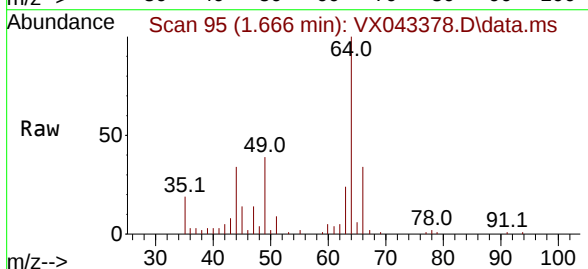
Instrument :  
MSVOA\_X  
ClientSampleId :

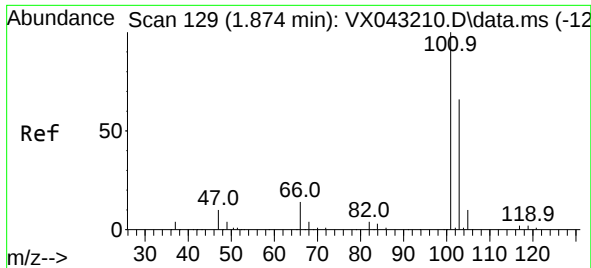
Tgt Ion: 94 Resp: 9558  
Ion Ratio Lower Upper  
94 100  
96 95.2 76.6 115.0



#6  
Chloroethane  
Concen: 17.881 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 64 Resp: 8195  
Ion Ratio Lower Upper  
64 100  
66 33.8 25.8 38.8

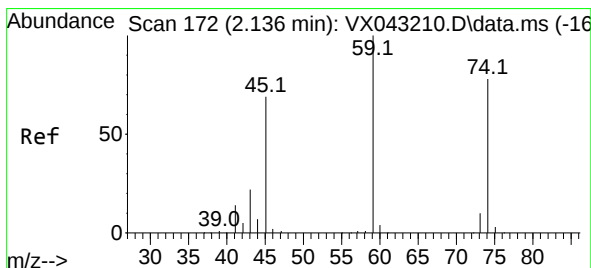
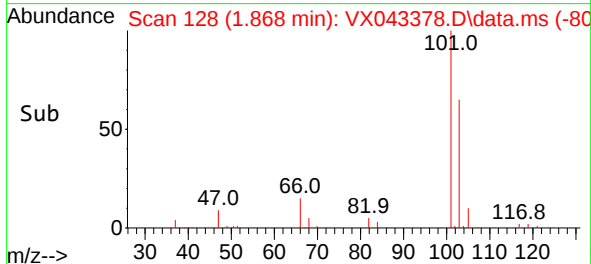
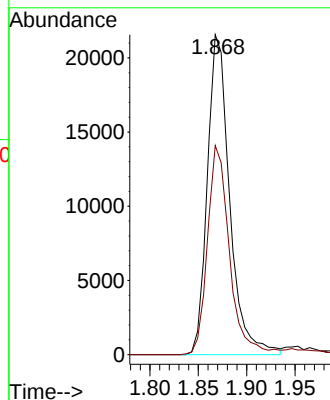
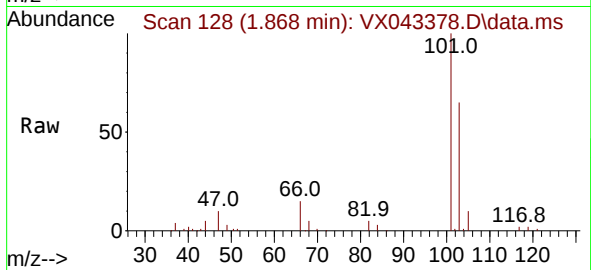




#7  
Trichlorofluoromethane  
Concen: 18.816 ug/l  
RT: 1.868 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

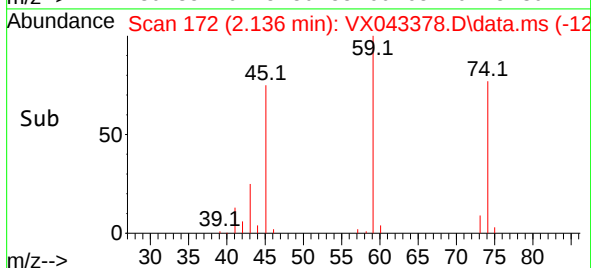
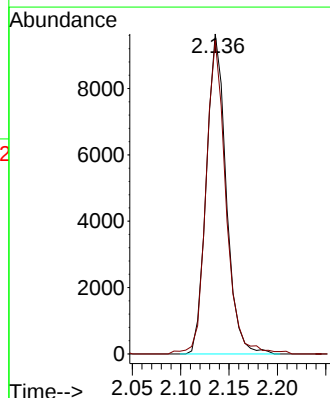
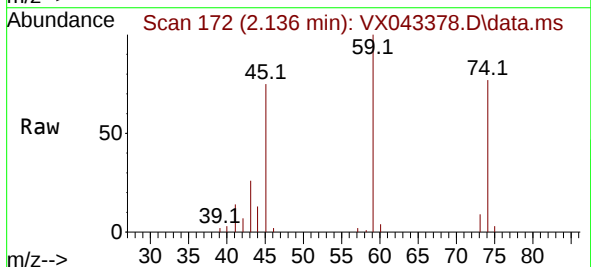
Instrument :  
MSVOA\_X  
ClientSampleId :

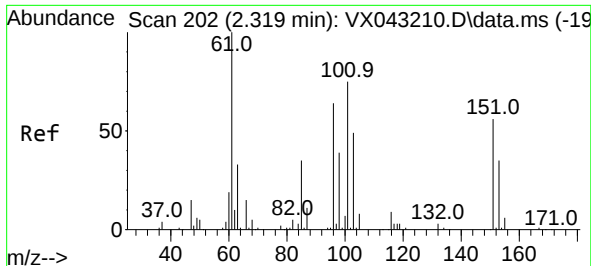
Tgt Ion:101 Resp: 34600  
Ion Ratio Lower Upper  
101 100  
103 65.3 52.7 79.1



#8  
Diethyl Ether  
Concen: 19.196 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 74 Resp: 13737  
Ion Ratio Lower Upper  
74 100  
45 98.8 47.1 141.4

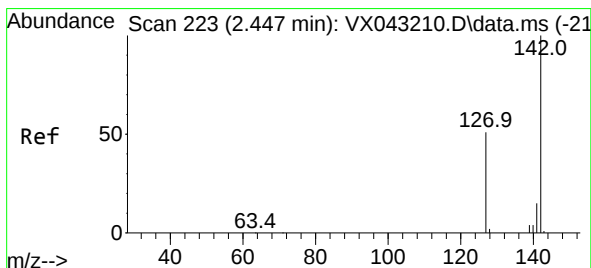
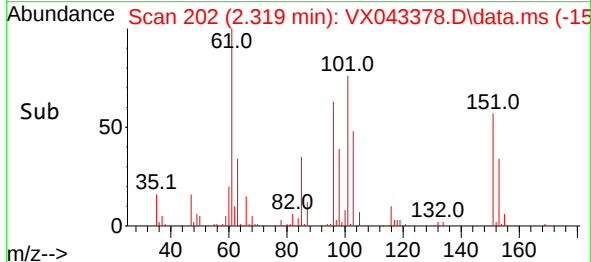
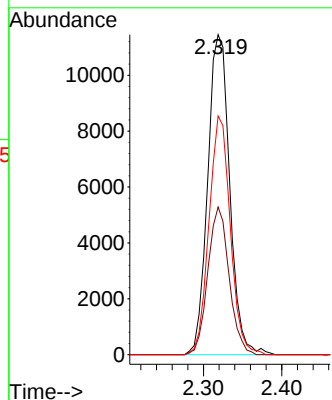
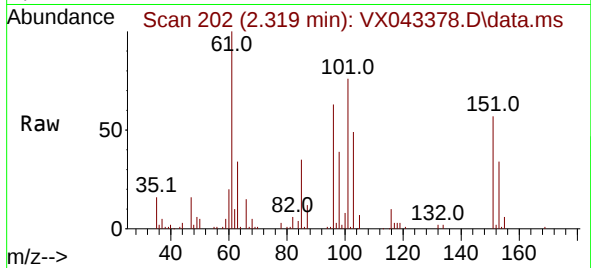




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.471 ug/l  
RT: 2.319 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

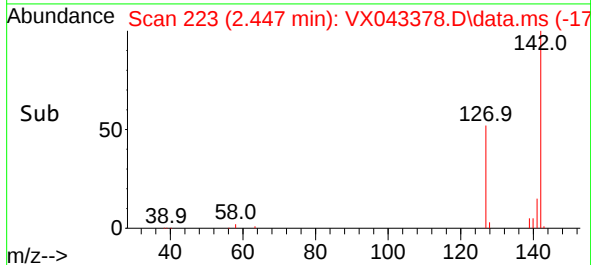
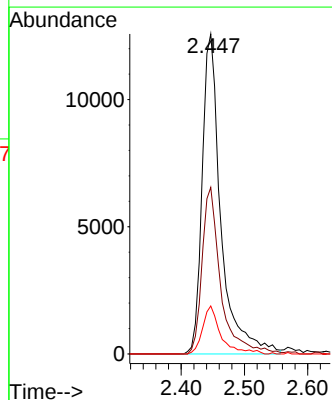
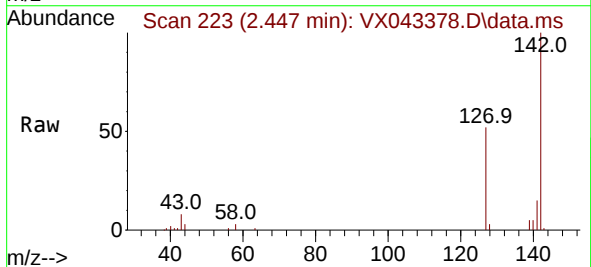
Instrument :  
MSVOA\_X  
ClientSampleId :

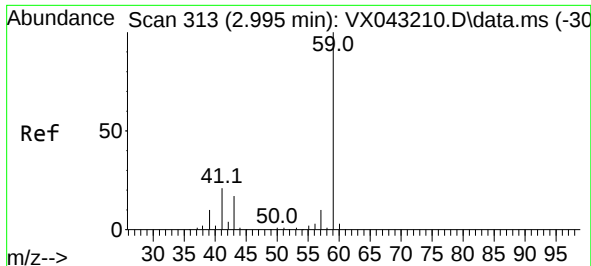
Tgt Ion:101 Resp: 22344  
Ion Ratio Lower Upper  
101 100  
85 44.5 37.0 55.6  
151 72.2 60.0 90.0



#10  
Methyl Iodide  
Concen: 18.026 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

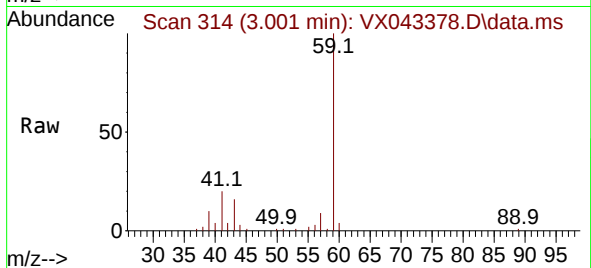
Tgt Ion:142 Resp: 25982  
Ion Ratio Lower Upper  
142 100  
127 51.7 39.8 59.8  
141 14.6 11.6 17.4



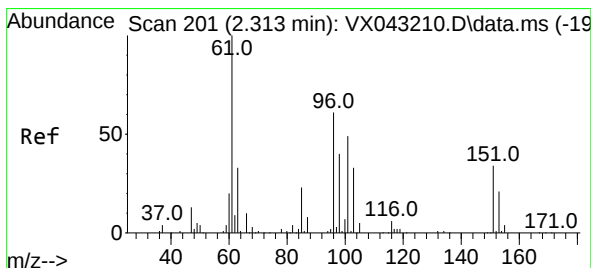
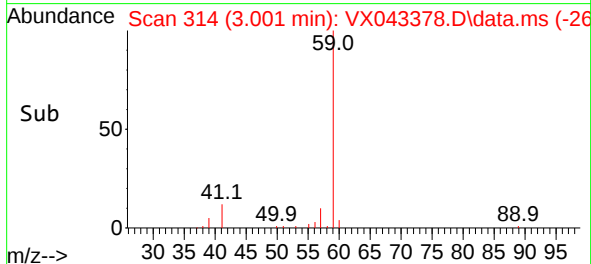
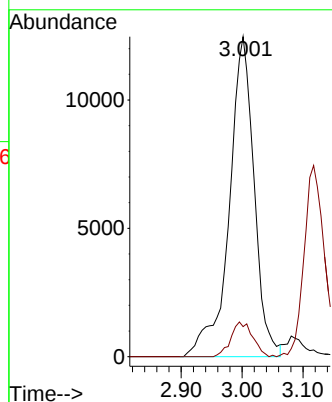


#11  
Tert butyl alcohol  
Concen: 111.281 ug/l  
RT: 3.001 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :

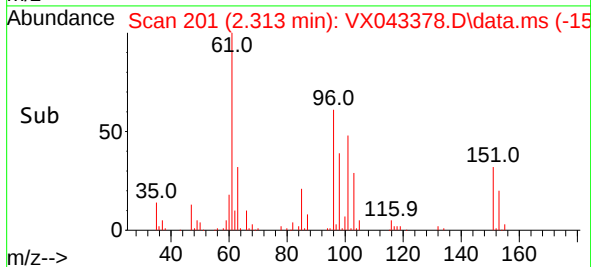
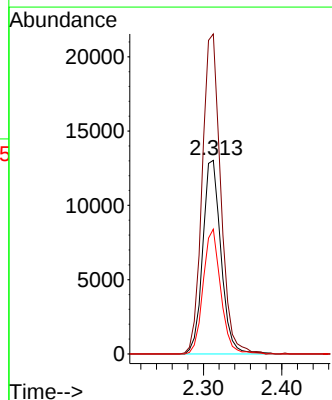
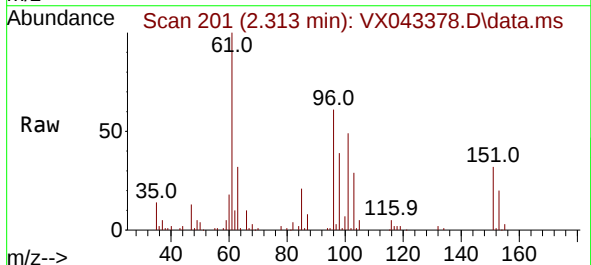


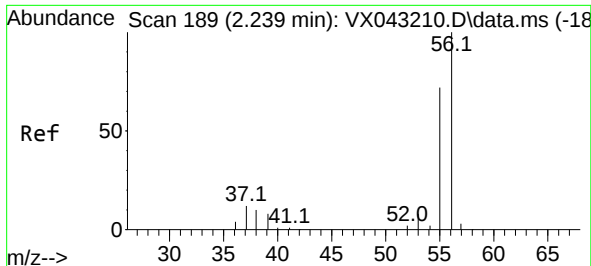
Tgt Ion: 59 Resp: 35471  
Ion Ratio Lower Upper  
59 100  
57 9.5 8.6 13.0



#12  
1,1-Dichloroethene  
Concen: 18.454 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 96 Resp: 21029  
Ion Ratio Lower Upper  
96 100  
61 165.2 130.6 195.8  
98 64.5 51.7 77.5





#13

Acrolein

Concen: 87.657 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

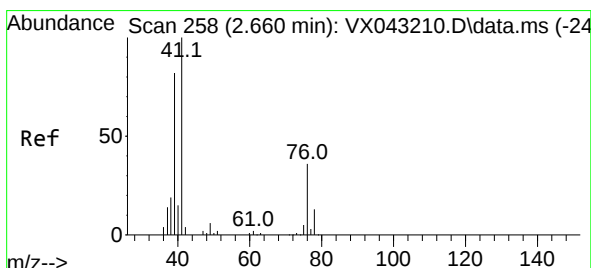
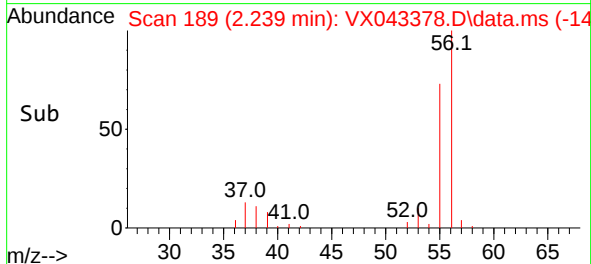
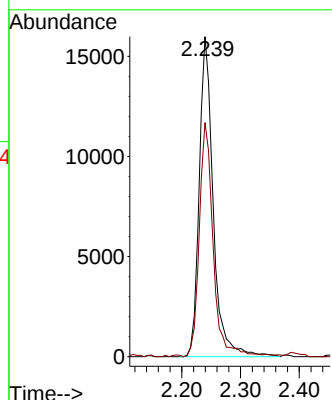
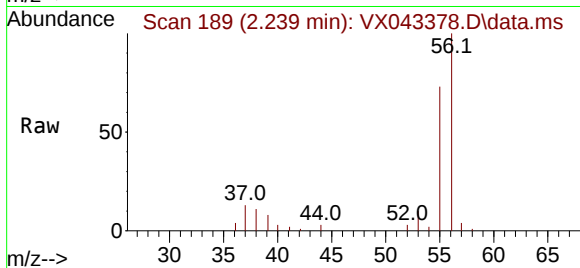
ClientSampleId :

Tgt Ion: 56 Resp: 26390

Ion Ratio Lower Upper

56 100

55 72.7 57.4 86.0



#14

Allyl chloride

Concen: 19.468 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

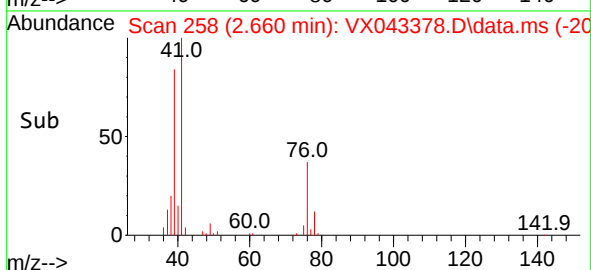
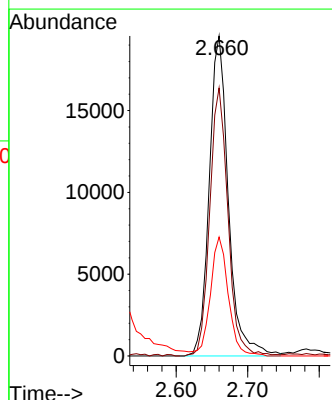
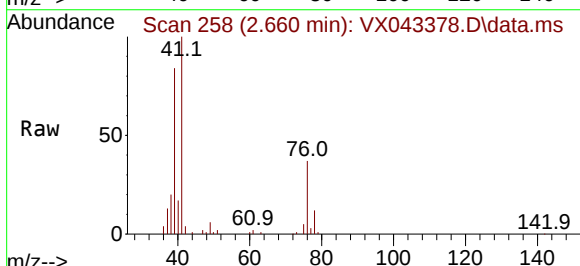
Tgt Ion: 41 Resp: 36448

Ion Ratio Lower Upper

41 100

39 79.5 61.7 92.5

76 34.9 28.6 43.0





#15

Acrylonitrile

Concen: 96.532 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX043378.D

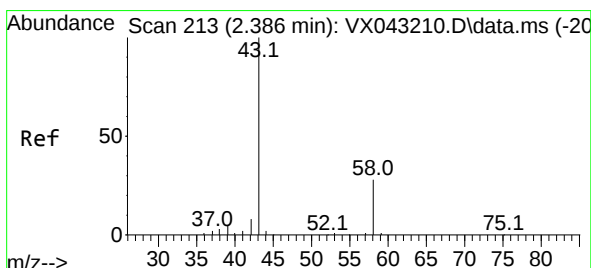
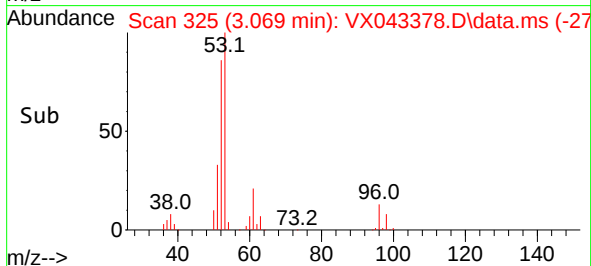
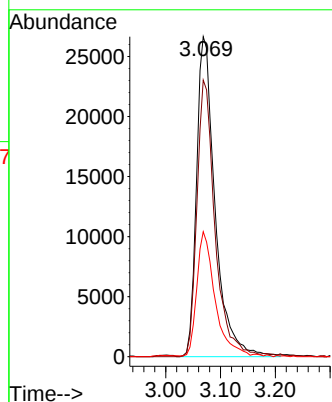
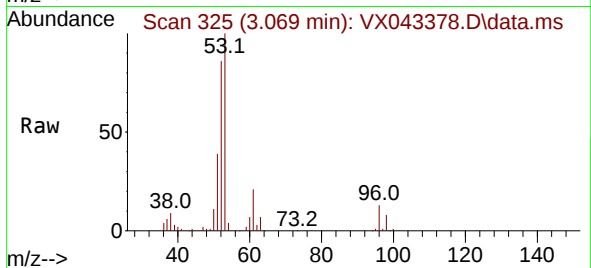
Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 62830 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 83.9     | 67.6 101.4  |
| 51 38.9     | 30.3 45.5   |



#16

Acetone

Concen: 105.595 ug/l

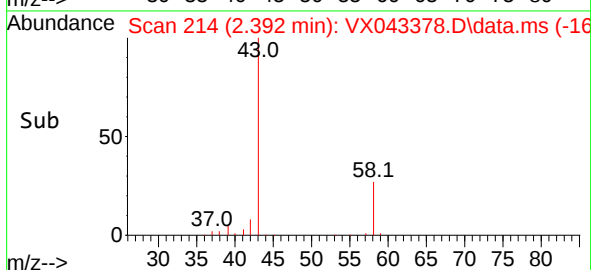
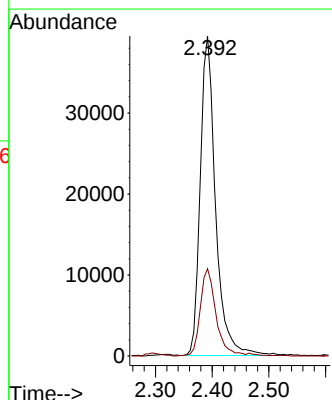
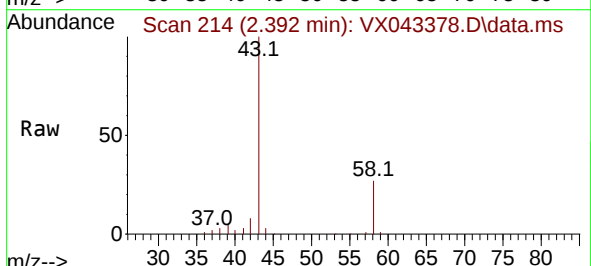
RT: 2.392 min Scan# 214

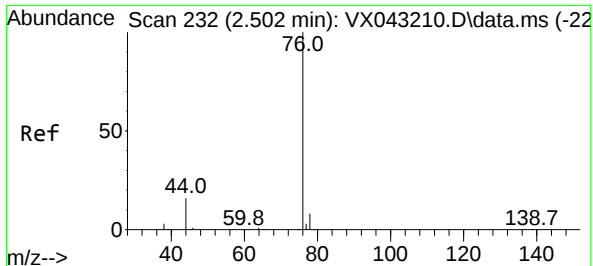
Delta R.T. 0.006 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 73865 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 27.1     | 22.6 33.8   |

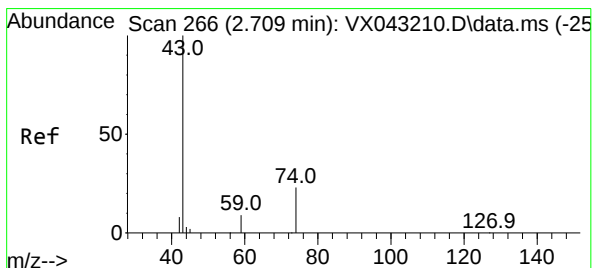
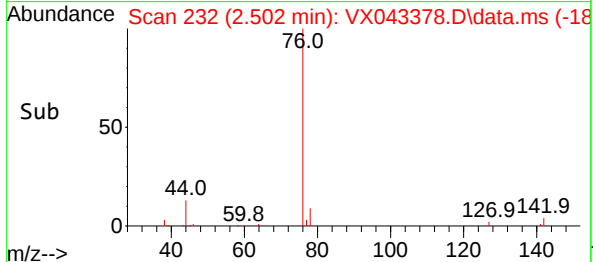
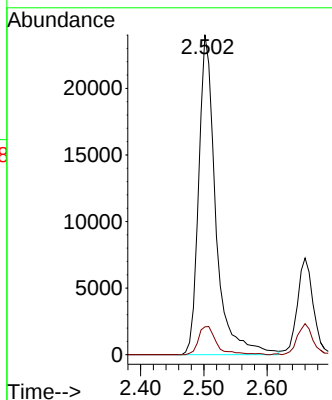
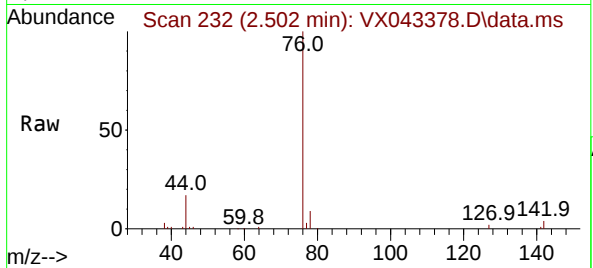




#17  
Carbon Disulfide  
Concen: 16.271 ug/l  
RT: 2.502 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

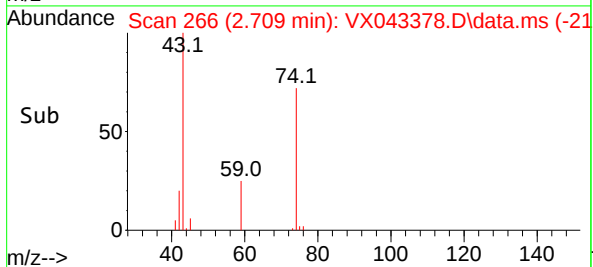
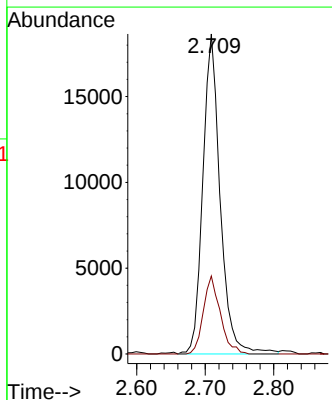
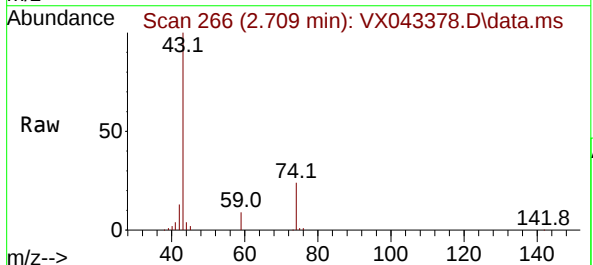
Instrument :  
MSVOA\_X  
ClientSampleId :

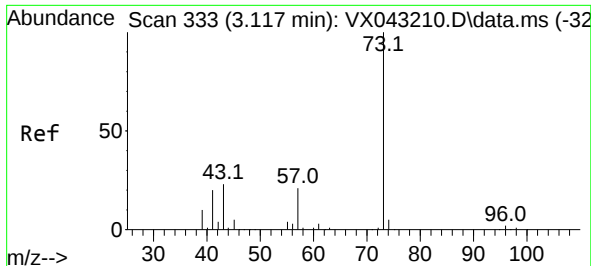
Tgt Ion: 76 Resp: 45100  
Ion Ratio Lower Upper  
76 100  
78 8.7 6.7 10.1



#18  
Methyl Acetate  
Concen: 18.714 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 43 Resp: 32840  
Ion Ratio Lower Upper  
43 100  
74 23.8 19.1 28.7

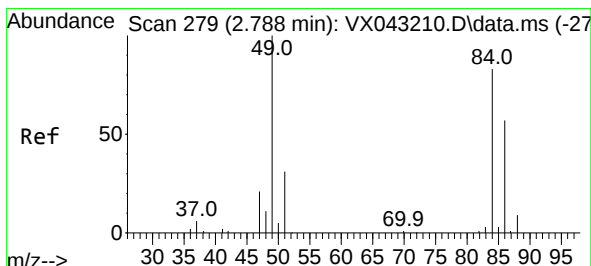
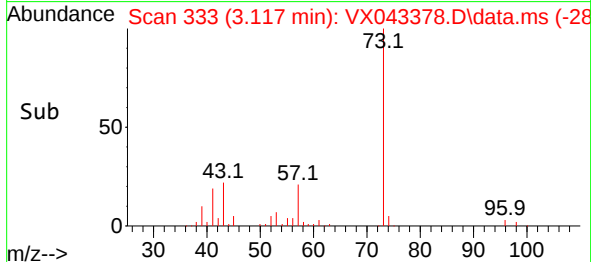
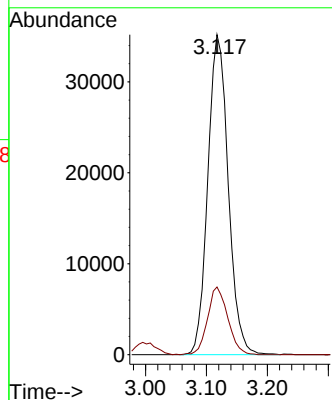
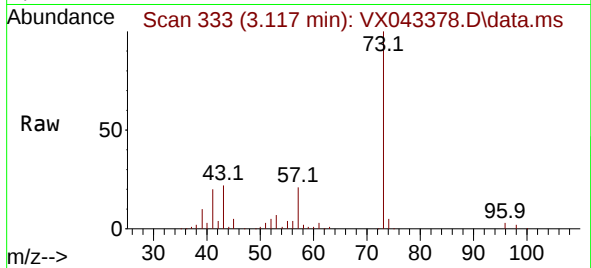




#19  
Methyl tert-butyl Ether  
Concen: 20.092 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

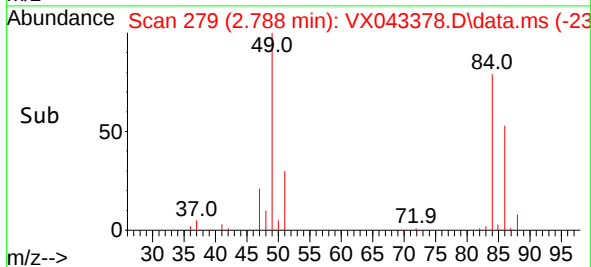
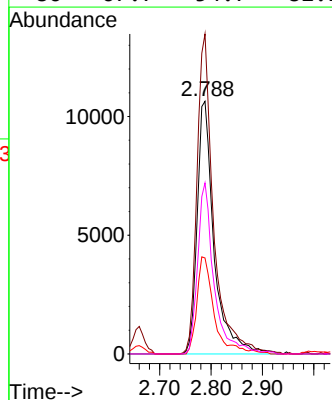
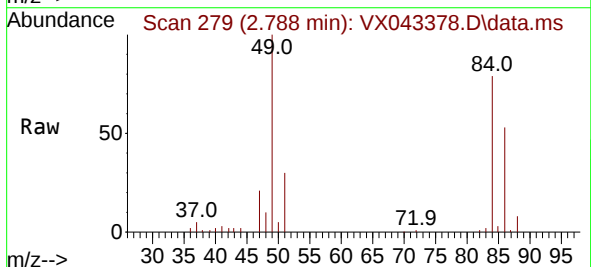
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 73 Resp: 81914  
Ion Ratio Lower Upper  
73 100  
57 21.2 16.7 25.1



#20  
Methylene Chloride  
Concen: 18.946 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 84 Resp: 24435  
Ion Ratio Lower Upper  
84 100  
49 126.6 96.7 145.1  
51 38.0 30.4 45.6  
86 67.7 54.7 82.1

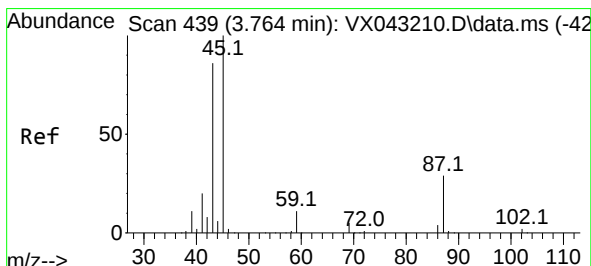
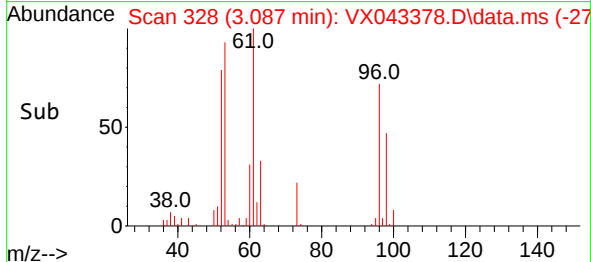
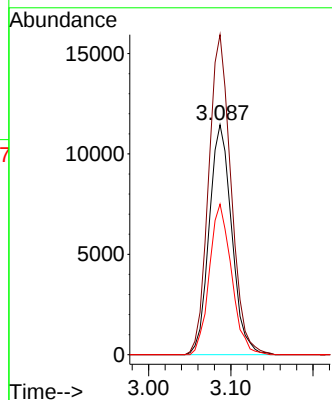
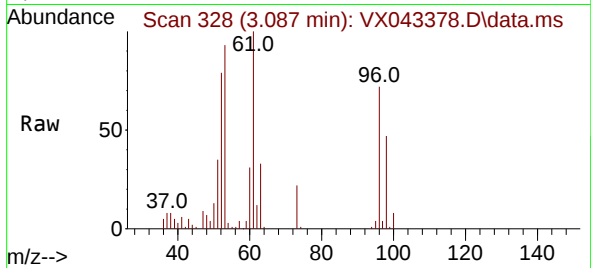




#21  
trans-1,2-Dichloroethene  
Concen: 19.249 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

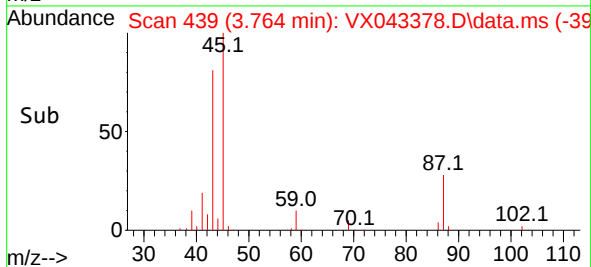
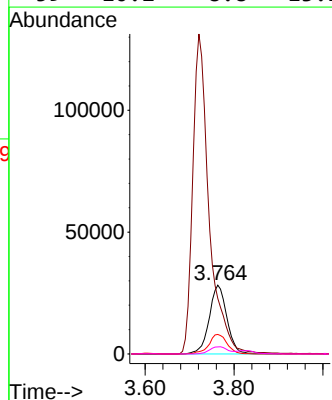
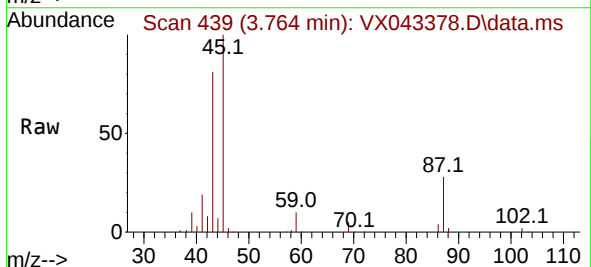
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 96 Resp: 21831  
Ion Ratio Lower Upper  
96 100  
61 139.2 112.3 168.5  
98 65.5 54.6 82.0



#22  
Diisopropyl ether  
Concen: 20.682 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 45 Resp: 77879  
Ion Ratio Lower Upper  
45 100  
43 80.2 68.5 102.7  
87 28.5 23.0 34.4  
59 10.2 8.8 13.2

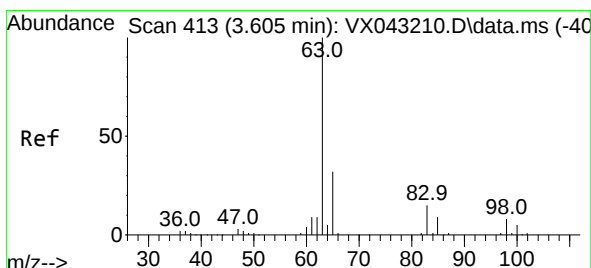
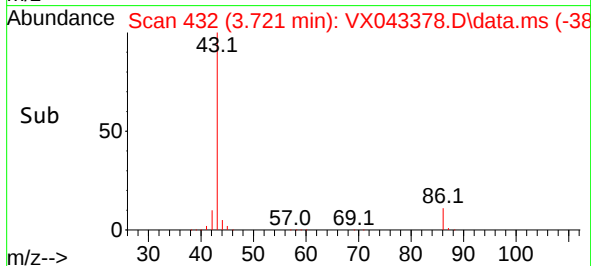
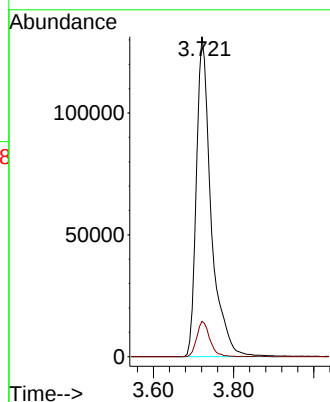
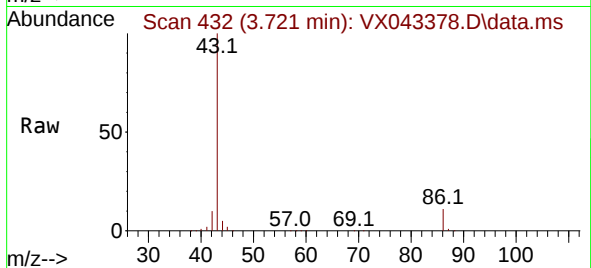




#23  
 Vinyl Acetate  
 Concen: 84.677 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX043378.D  
 Acq: 14 Oct 2024 13:33

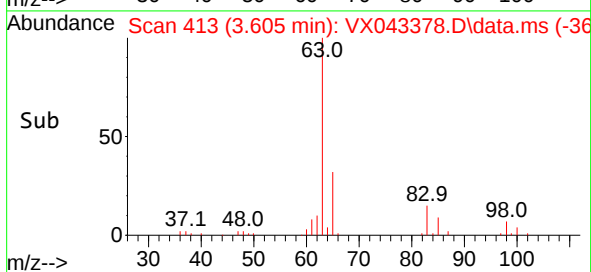
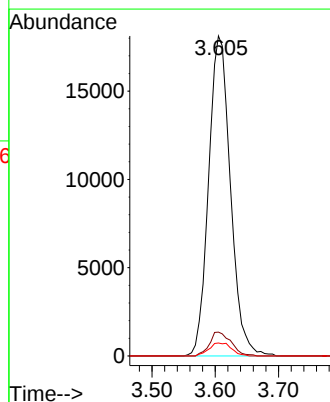
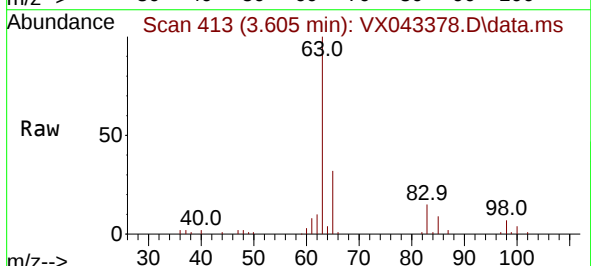
Instrument :  
 MSVOA\_X  
 ClientSampleId :

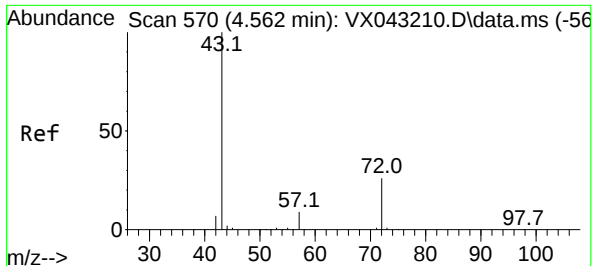
Tgt Ion: 43 Resp: 335815  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 8.8 13.2



#24  
 1,1-Dichloroethane  
 Concen: 19.806 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX043378.D  
 Acq: 14 Oct 2024 13:33

Tgt Ion: 63 Resp: 43450  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.8 11.2  
 100 4.0 2.5 7.4

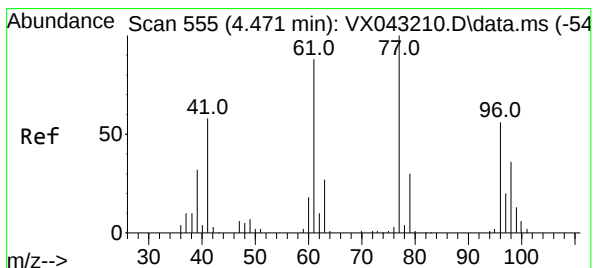
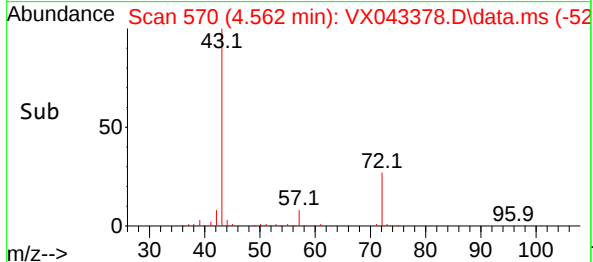
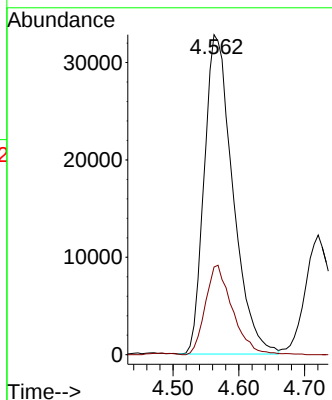
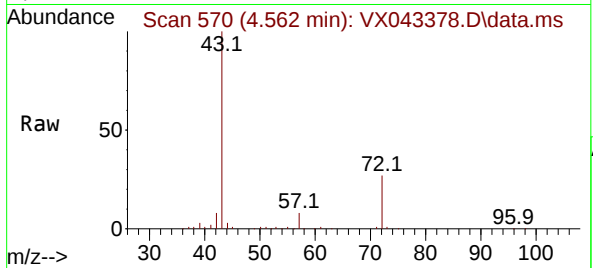




#25  
2-Butanone  
Concen: 103.534 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

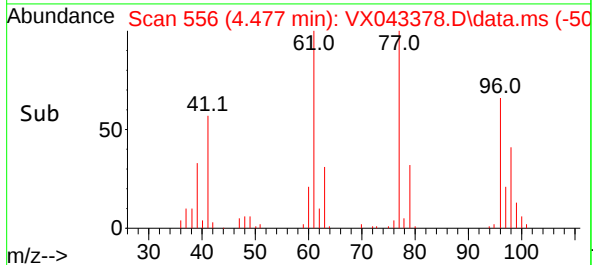
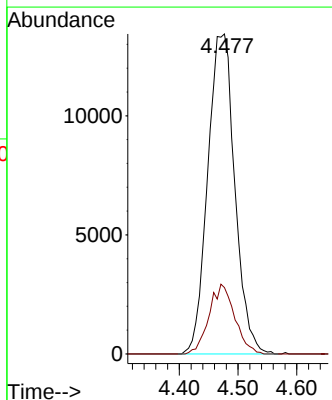
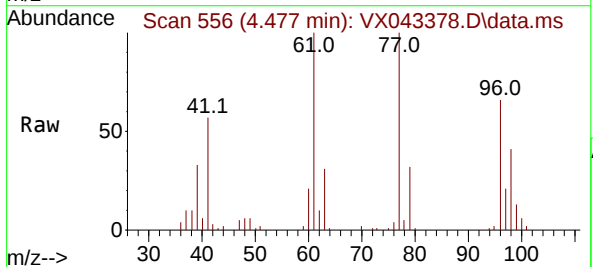
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 43 Resp: 99302  
Ion Ratio Lower Upper  
43 100  
72 27.3 20.6 31.0



#26  
2,2-Dichloropropane  
Concen: 20.629 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.006 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 77 Resp: 43057  
Ion Ratio Lower Upper  
77 100  
97 20.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.530 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

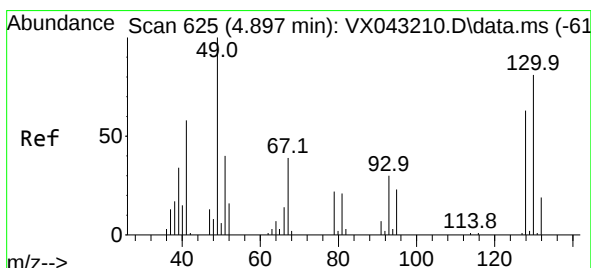
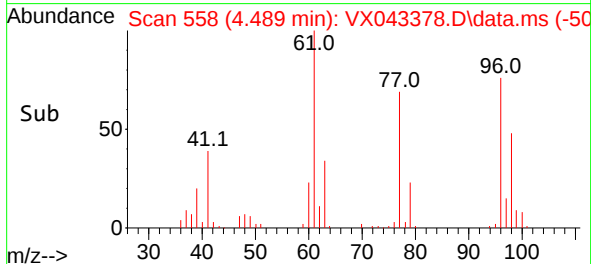
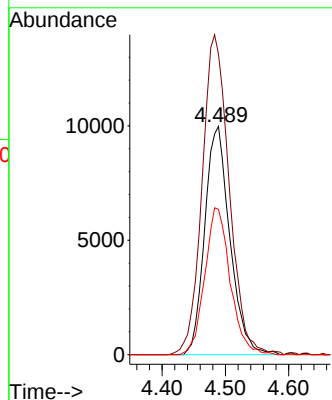
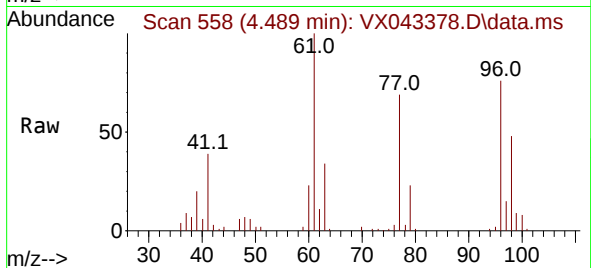
Tgt Ion: 96 Resp: 27623

Ion Ratio Lower Upper

96 100

61 151.0 0.0 298.2

98 64.9 0.0 128.6



#28

Bromochloromethane

Concen: 20.361 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

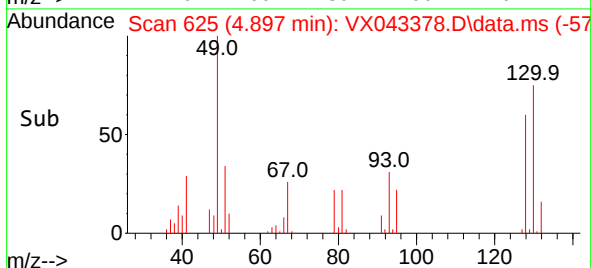
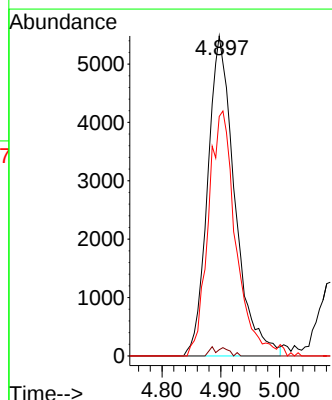
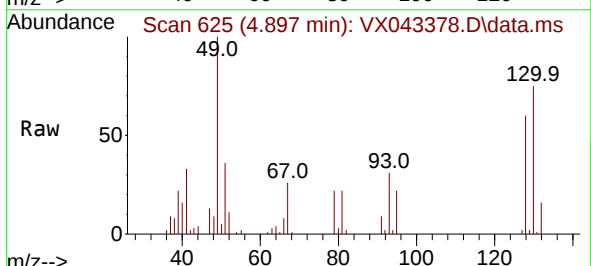
Tgt Ion: 49 Resp: 17622

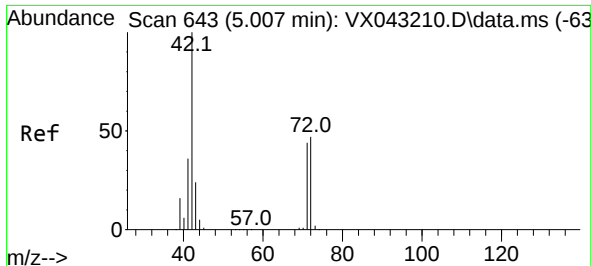
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.0

130 78.0 65.5 98.3





#29

Tetrahydrofuran

Concen: 97.272 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX043378.D

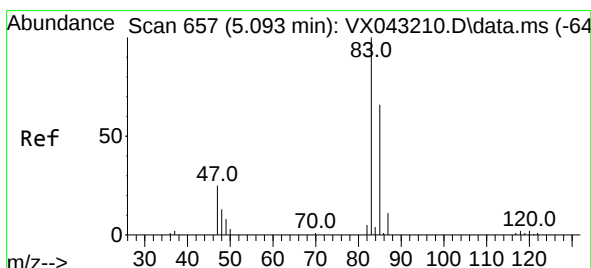
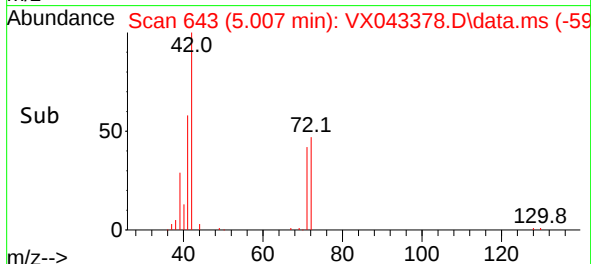
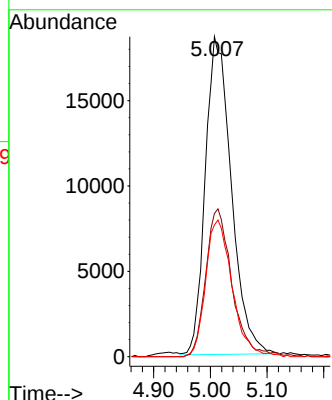
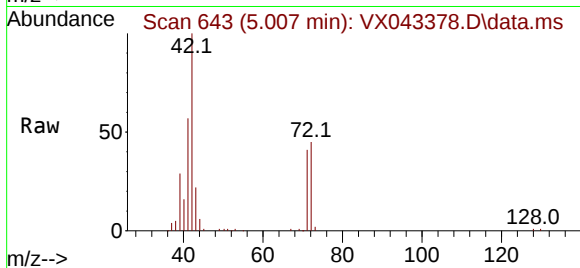
Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 59434 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 47.0  | 37.7  | 56.5  |
| 71       | 43.7  | 34.6  | 52.0  |



#30

Chloroform

Concen: 19.934 ug/l

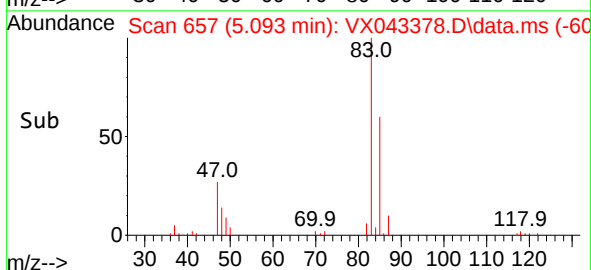
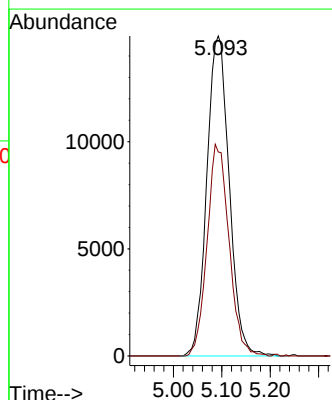
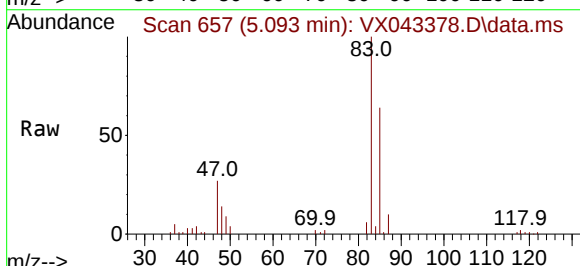
RT: 5.093 min Scan# 657

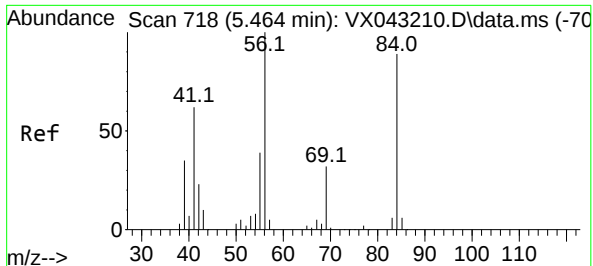
Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

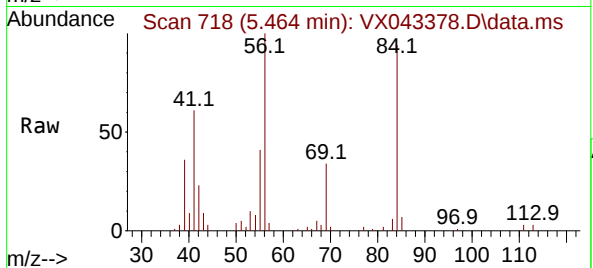
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 48023 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.8  | 52.5  | 78.7  |



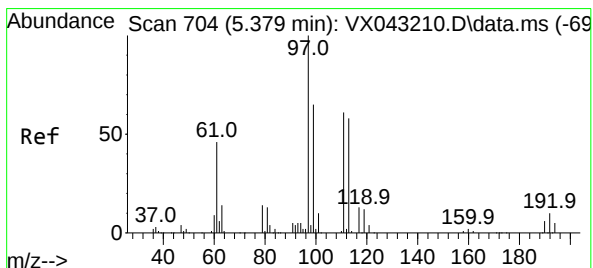
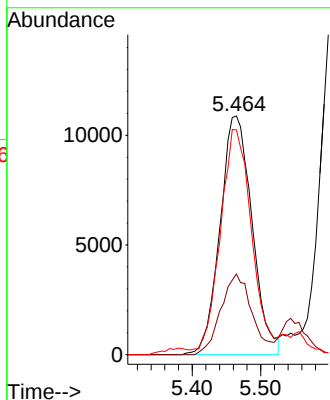
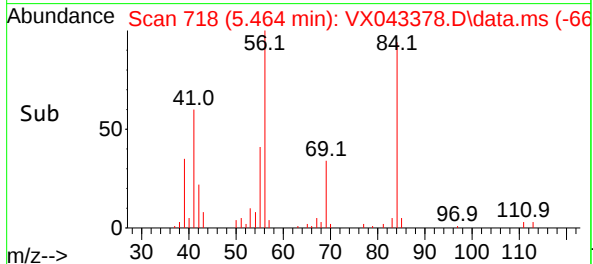


#31  
Cyclohexane  
Concen: 19.496 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :

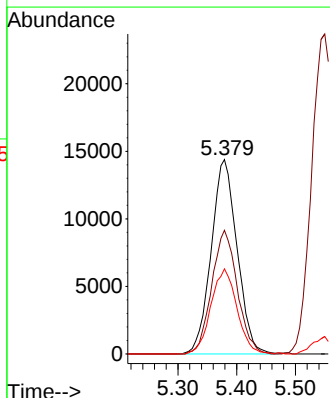
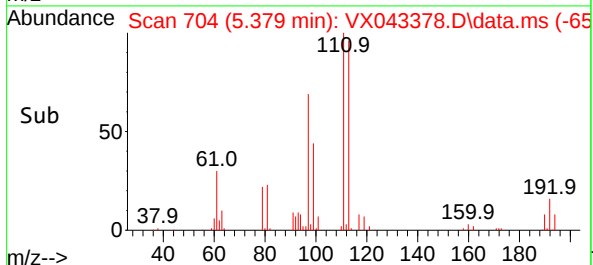
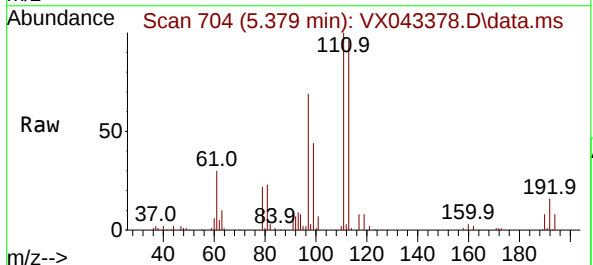


Tgt Ion: 56 Resp: 35238  
Ion Ratio Lower Upper  
56 100  
69 33.8 25.8 38.6  
84 91.4 71.1 106.7



#32  
1,1,1-Trichloroethane  
Concen: 19.906 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 97 Resp: 44048  
Ion Ratio Lower Upper  
97 100  
99 62.8 51.2 76.8  
61 43.9 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 49.992 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

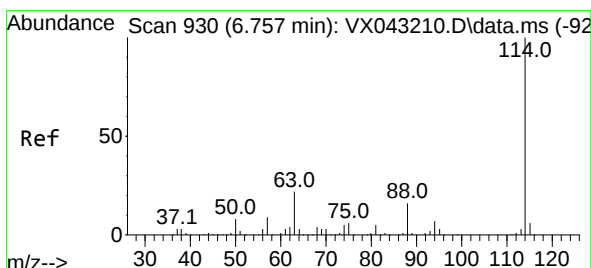
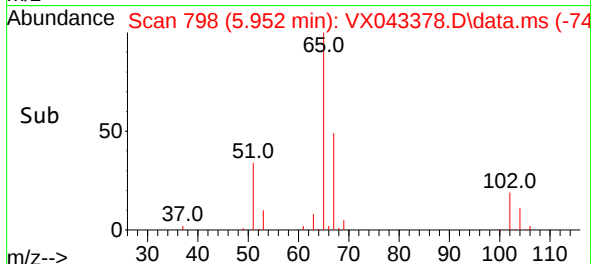
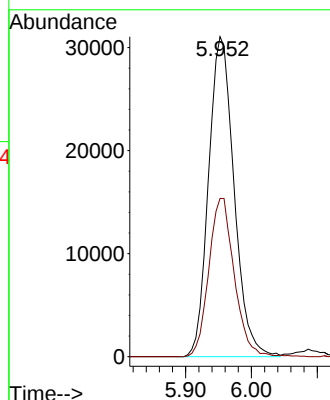
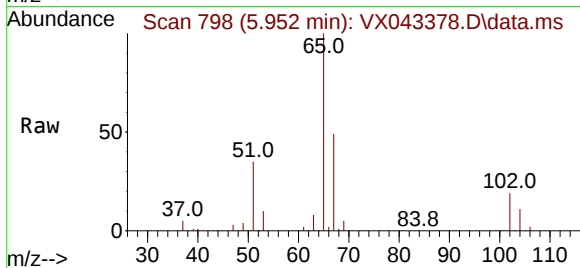
ClientSampleId :

Tgt Ion: 65 Resp: 83739

Ion Ratio Lower Upper

65 100

67 49.5 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

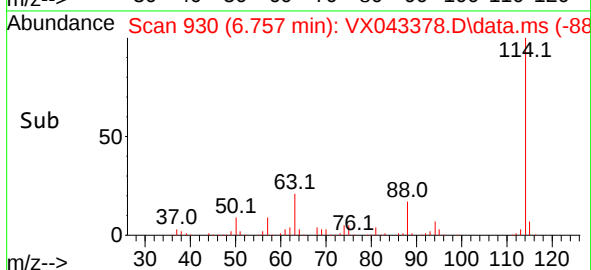
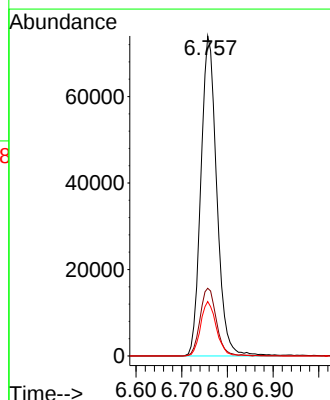
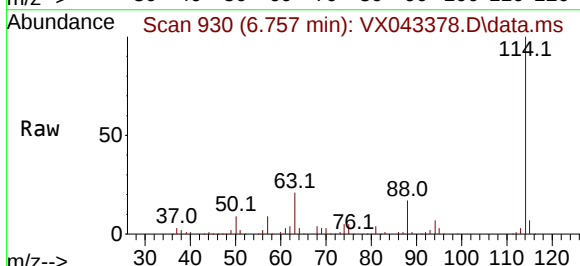
Tgt Ion: 114 Resp: 178800

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.0

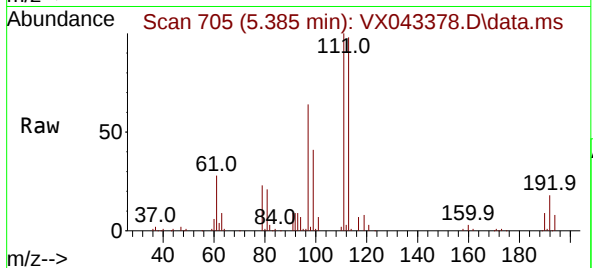
88 17.0 0.0 33.0



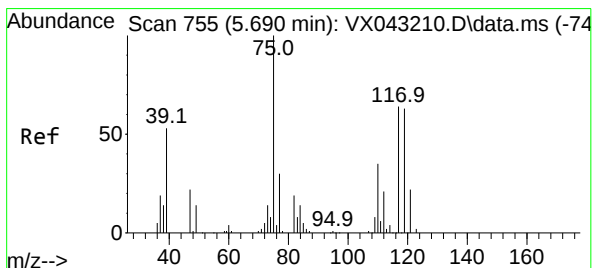
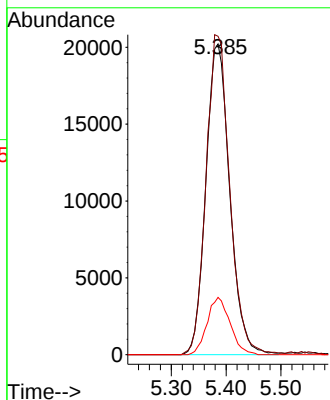
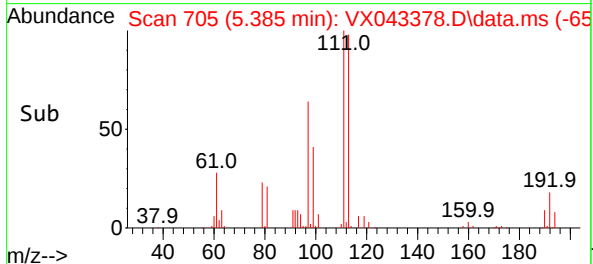


#35  
Dibromofluoromethane  
Concen: 49.609 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :

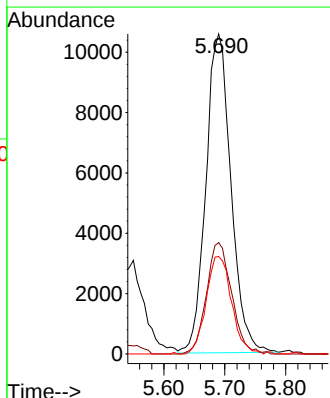
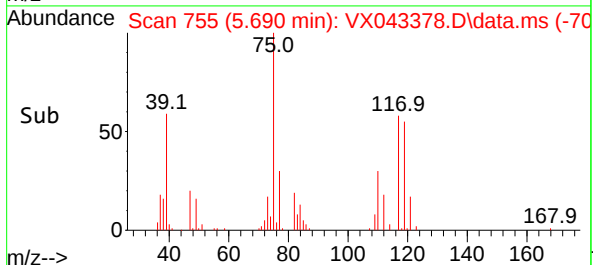
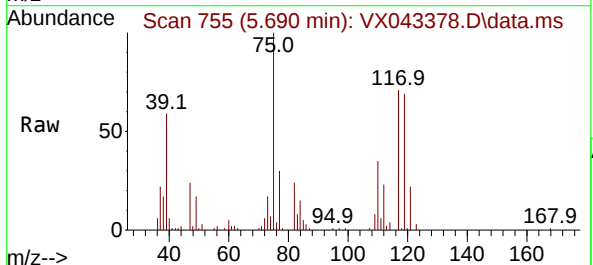


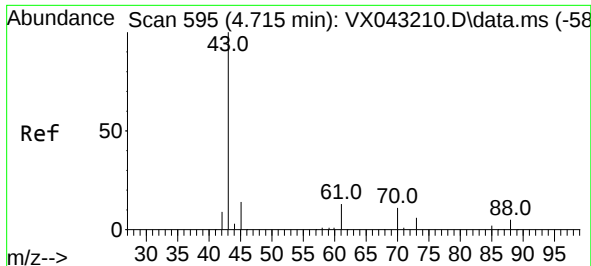
Tgt Ion:113 Resp: 61172  
Ion Ratio Lower Upper  
113 100  
111 102.2 83.4 125.0  
192 17.7 14.1 21.1



#36  
1,1-Dichloropropene  
Concen: 19.408 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 75 Resp: 30233  
Ion Ratio Lower Upper  
75 100  
110 35.1 17.8 53.3  
77 30.9 24.9 37.3

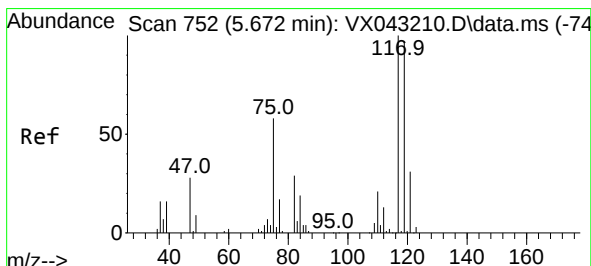
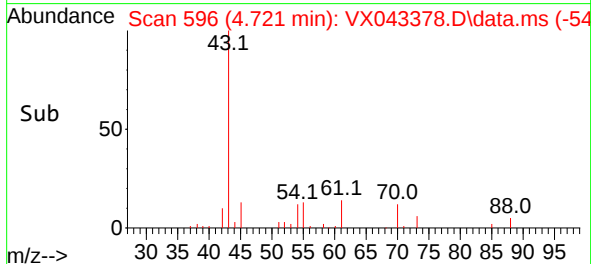
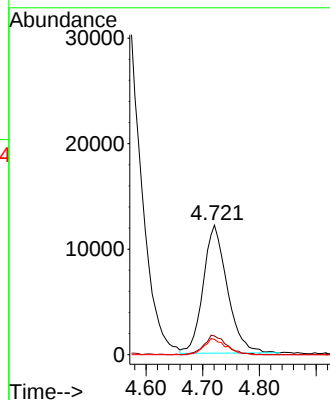
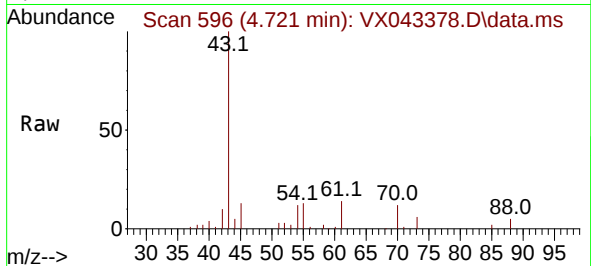




#37  
Ethyl Acetate  
Concen: 19.198 ug/l  
RT: 4.721 min Scan# 595  
Delta R.T. 0.006 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

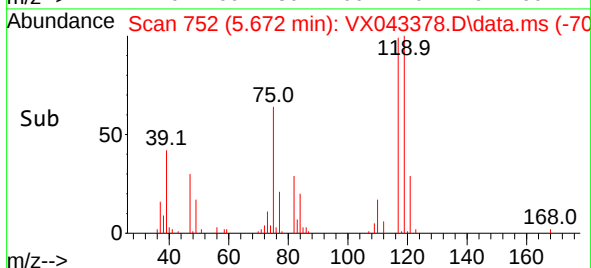
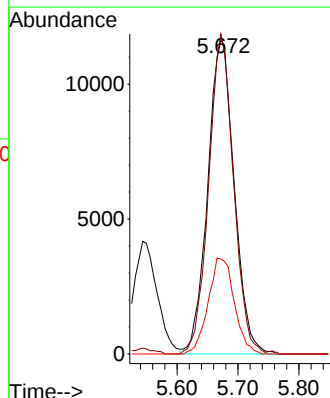
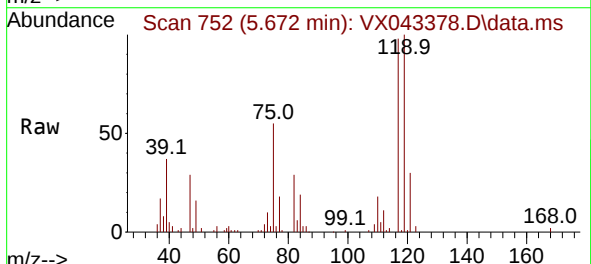
Instrument :  
MSVOA\_X  
ClientSampleId :

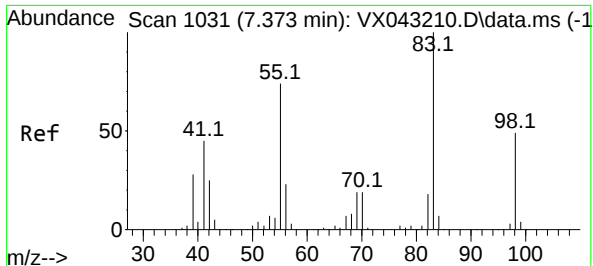
Tgt Ion: 43 Resp: 35914  
Ion Ratio Lower Upper  
43 100  
61 14.0 11.0 16.4  
70 11.4 8.9 13.3



#38  
Carbon Tetrachloride  
Concen: 19.118 ug/l  
RT: 5.672 min Scan# 752  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 117 Resp: 35256  
Ion Ratio Lower Upper  
117 100  
119 102.0 77.7 116.5  
121 30.3 24.3 36.5





#39

Methylcyclohexane

Concen: 19.734 ug/l

RT: 7.379 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

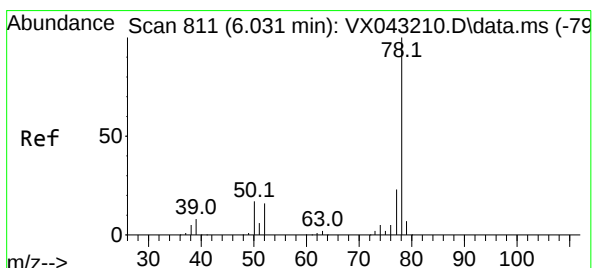
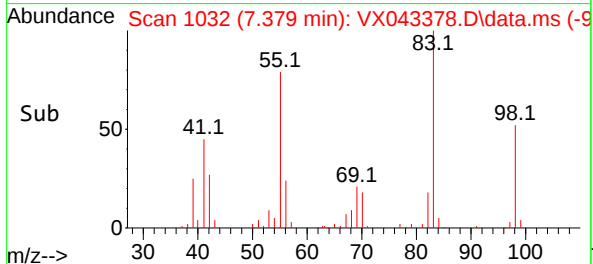
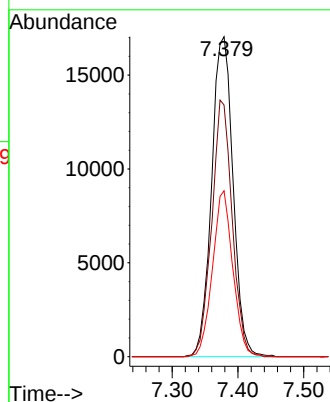
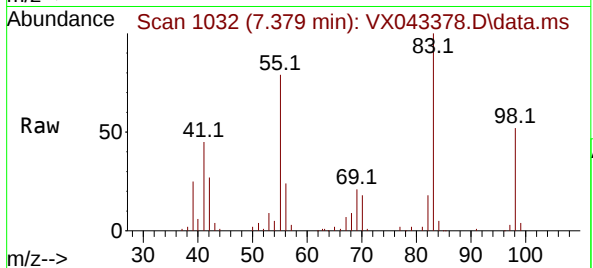
Tgt Ion: 83 Resp: 38663

Ion Ratio Lower Upper

83 100

55 78.7 59.4 89.2

98 51.8 39.3 58.9



#40

Benzene

Concen: 19.706 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX043378.D

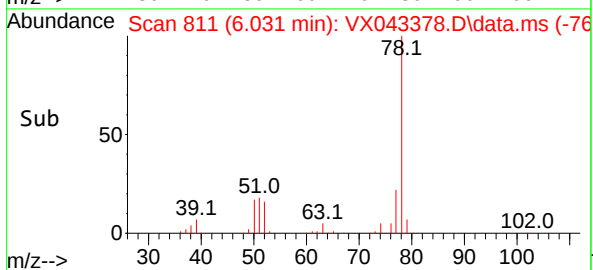
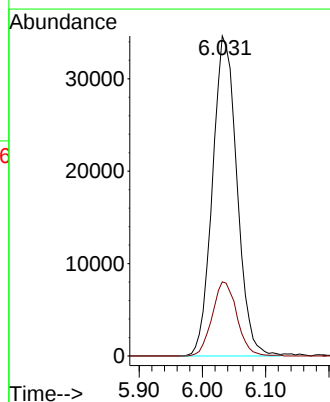
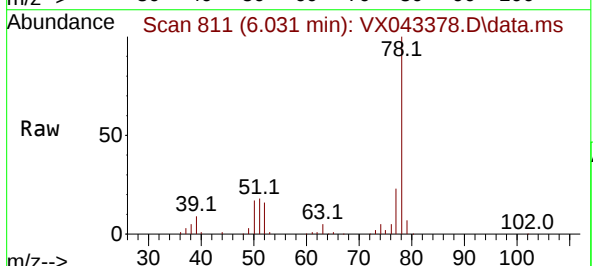
Acq: 14 Oct 2024 13:33

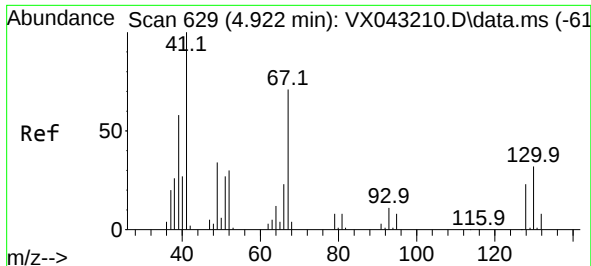
Tgt Ion: 78 Resp: 93073

Ion Ratio Lower Upper

78 100

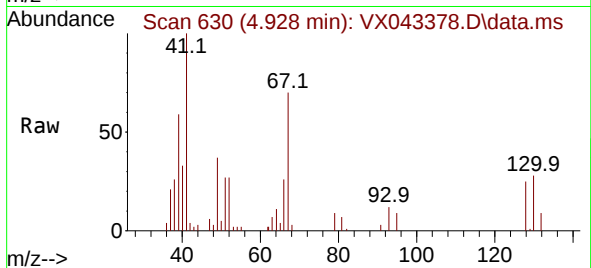
77 23.1 18.8 28.2



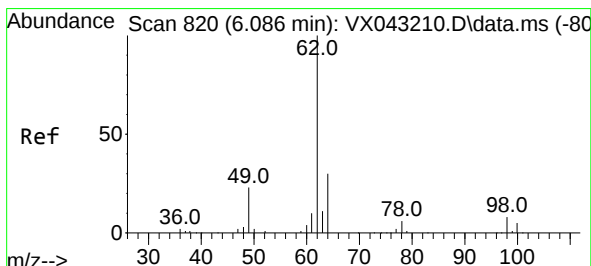
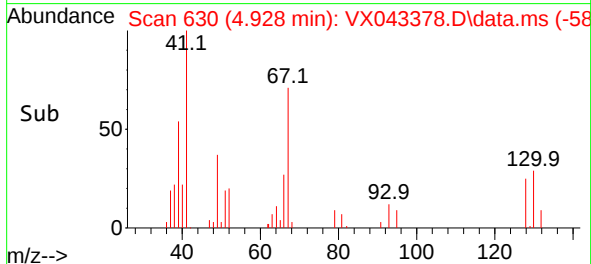
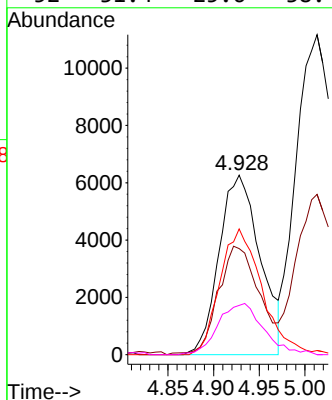


#41  
Methacrylonitrile  
Concen: 20.120 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :

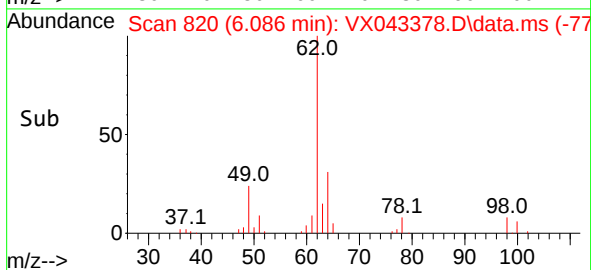
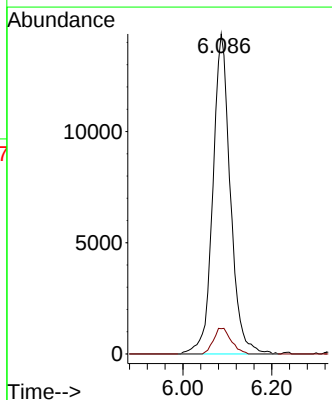
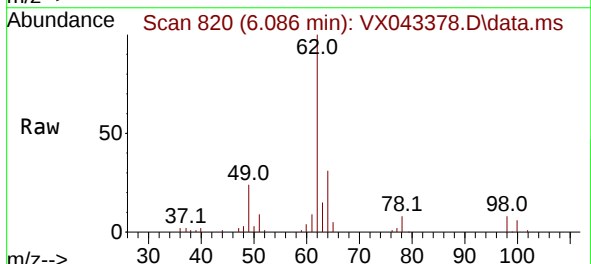


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 19593 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.8  | 45.0  | 67.4  |
| 67       | 72.1  | 56.0  | 84.0  |
| 52       | 31.4  | 25.6  | 38.4  |



#42  
1,2-Dichloroethane  
Concen: 20.402 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 39265 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.1   | 0.0   | 16.0  |

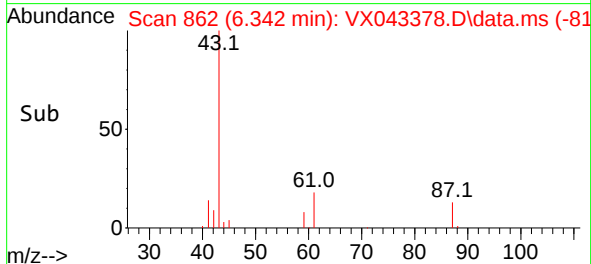
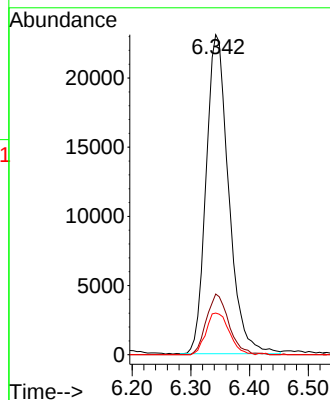
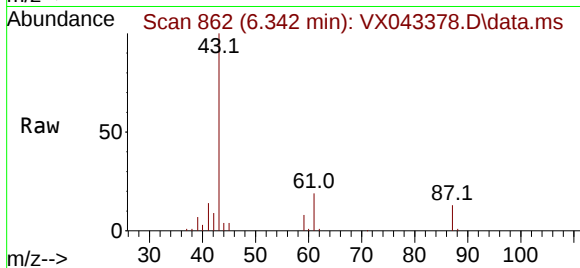




#43  
Isopropyl Acetate  
Concen: 19.903 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

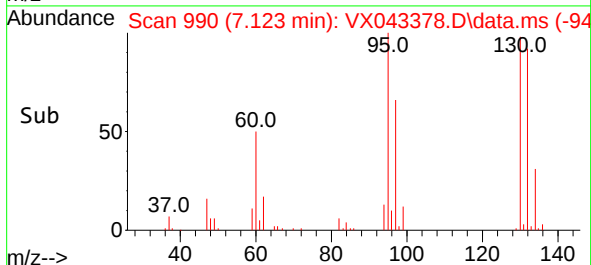
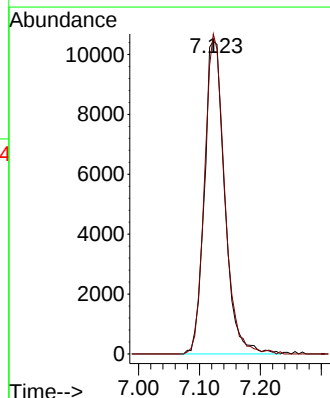
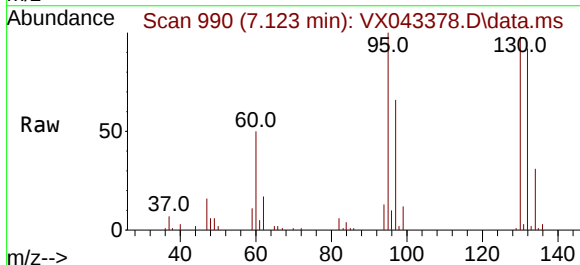
Instrument :  
MSVOA\_X  
ClientSampleId :

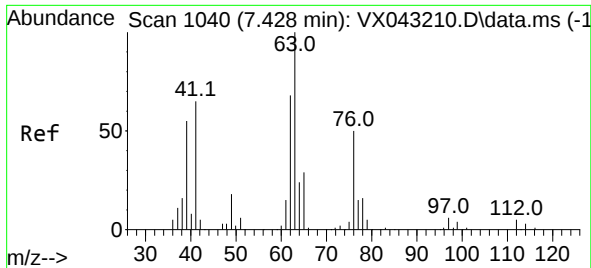
Tgt Ion: 43 Resp: 61497  
Ion Ratio Lower Upper  
43 100  
61 18.9 15.1 22.7  
87 13.4 10.8 16.2



#44  
Trichloroethene  
Concen: 19.296 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion:130 Resp: 24172  
Ion Ratio Lower Upper  
130 100  
95 102.2 0.0 192.2

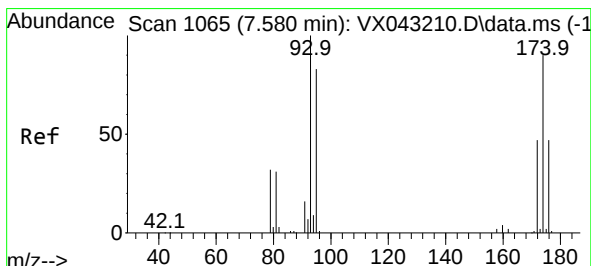
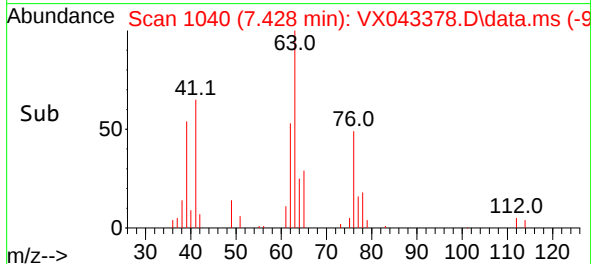
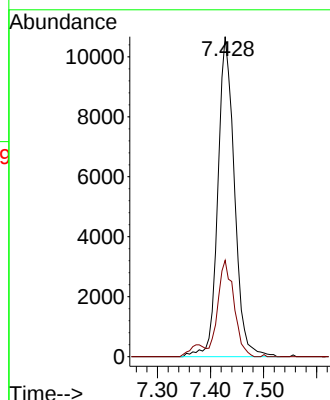
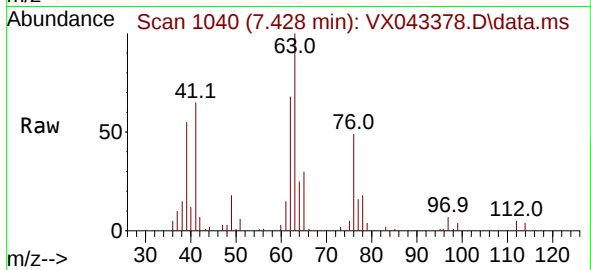




#45  
1,2-Dichloropropane  
Concen: 20.010 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

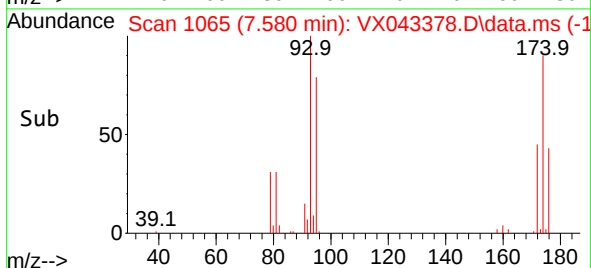
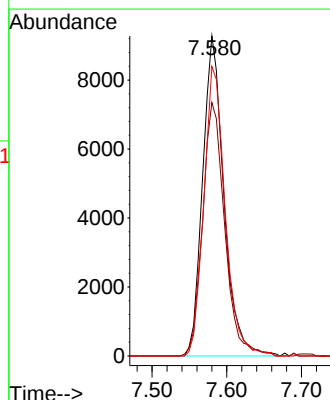
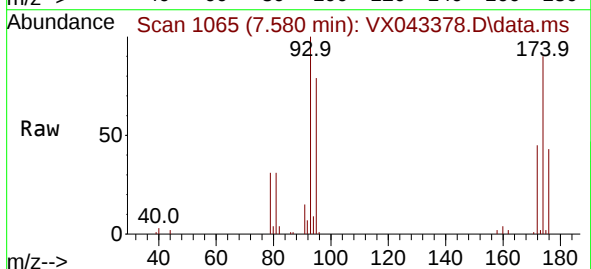
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 63 Resp: 23192  
Ion Ratio Lower Upper  
63 100  
65 30.1 23.2 34.8



#46  
Dibromomethane  
Concen: 19.683 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 93 Resp: 18281  
Ion Ratio Lower Upper  
93 100  
95 82.4 65.8 98.8  
174 91.1 74.5 111.7

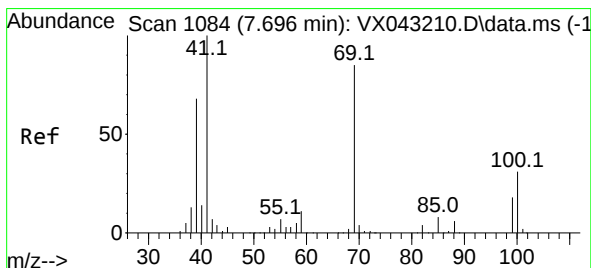
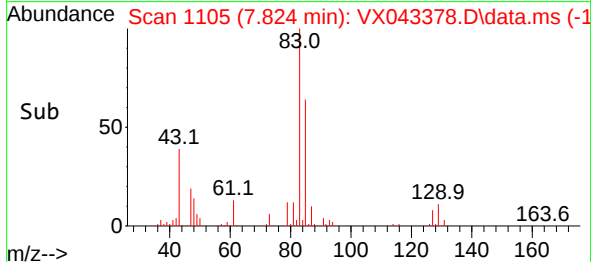
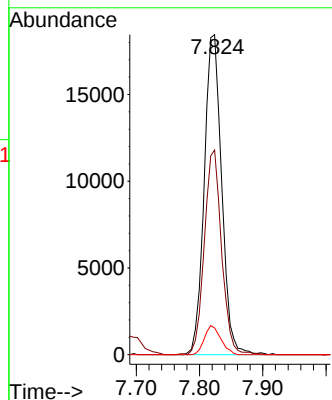
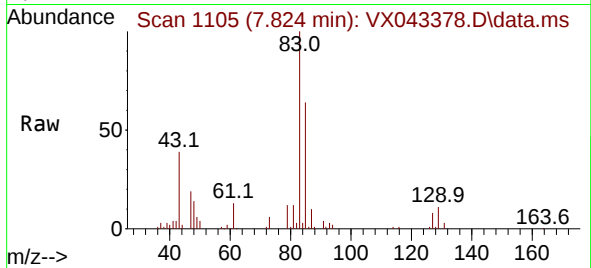




#47  
Bromodichloromethane  
Concen: 19.430 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

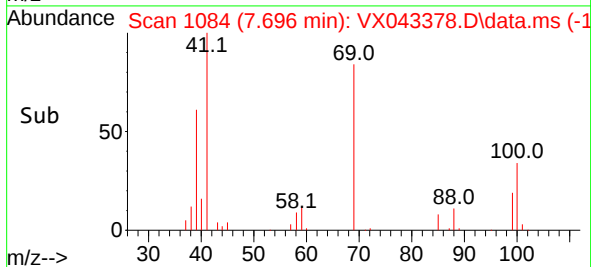
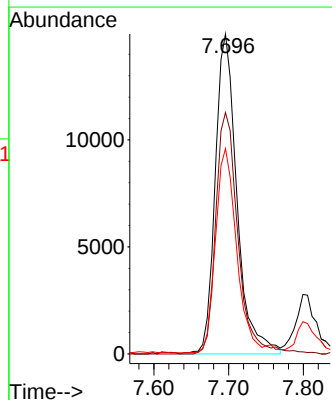
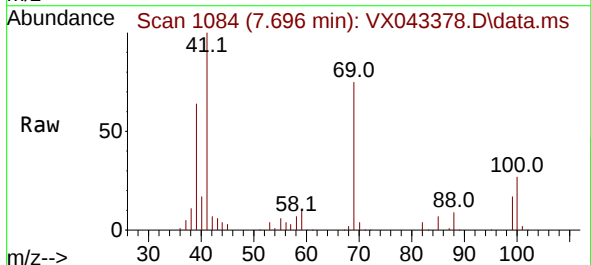
Instrument :  
MSVOA\_X  
ClientSampleId :

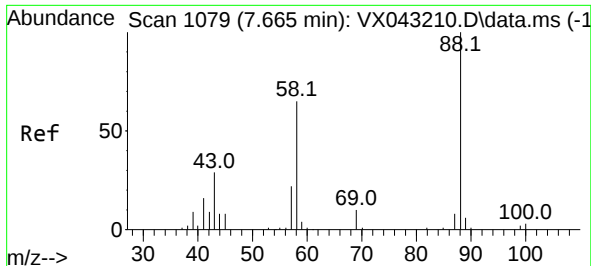
Tgt Ion: 83 Resp: 35478  
Ion Ratio Lower Upper  
83 100  
85 63.9 51.4 77.2  
127 8.3 6.2 9.4



#48  
Methyl methacrylate  
Concen: 19.887 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 41 Resp: 30150  
Ion Ratio Lower Upper  
41 100  
69 77.1 64.1 96.1  
39 62.9 52.8 79.2





#49

1,4-Dioxane

Concen: 417.026 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

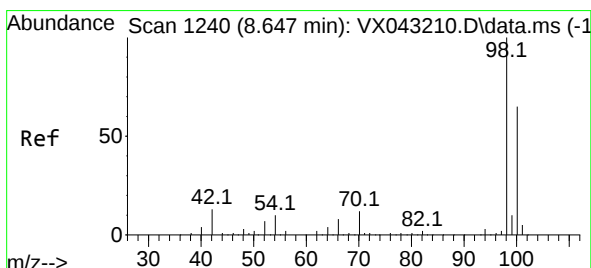
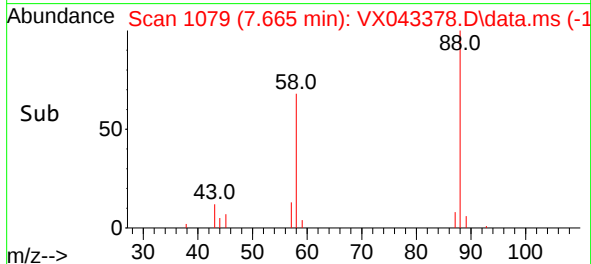
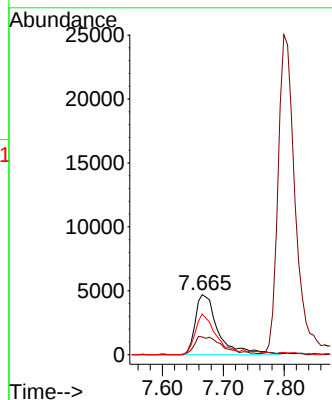
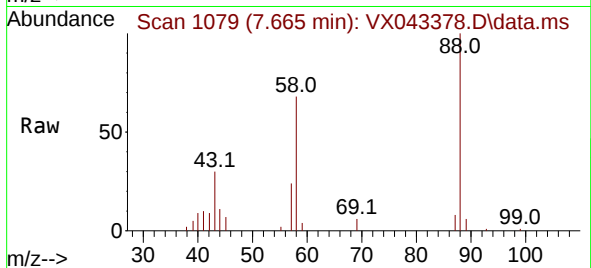
Tgt Ion: 88 Resp: 12290

Ion Ratio Lower Upper

88 100

43 37.0 29.5 44.3

58 60.7 55.2 82.8



#50

Toluene-d8

Concen: 48.580 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043378.D

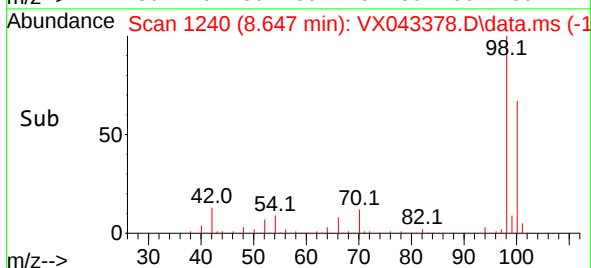
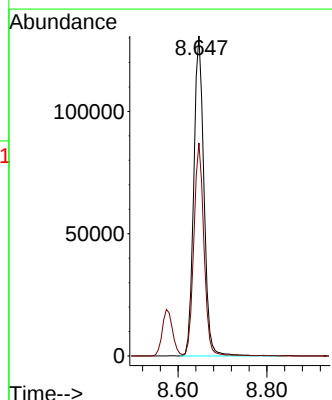
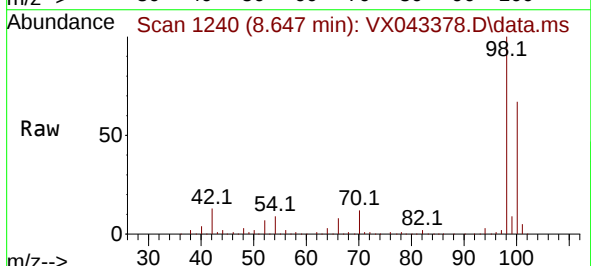
Acq: 14 Oct 2024 13:33

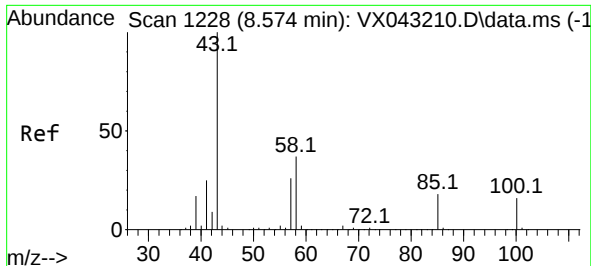
Tgt Ion: 98 Resp: 207589

Ion Ratio Lower Upper

98 100

100 66.0 52.4 78.6

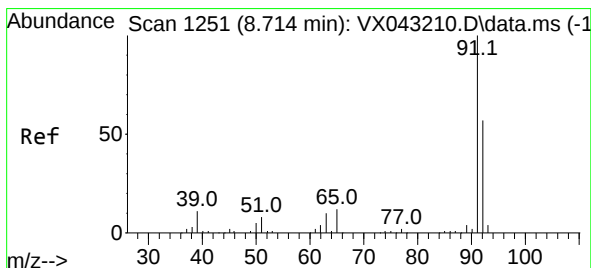
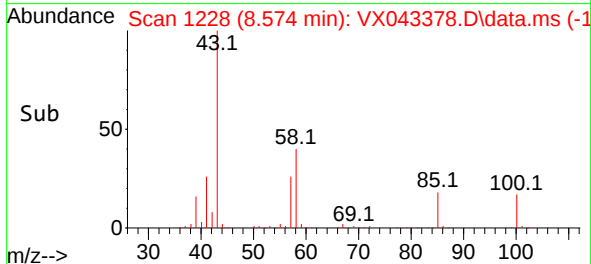
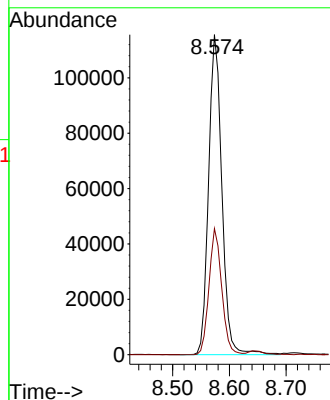
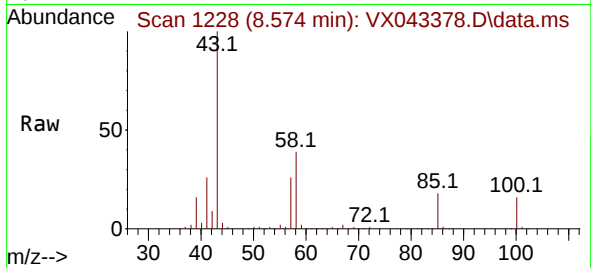




#51  
4-Methyl-2-Pentanone  
Concen: 100.299 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

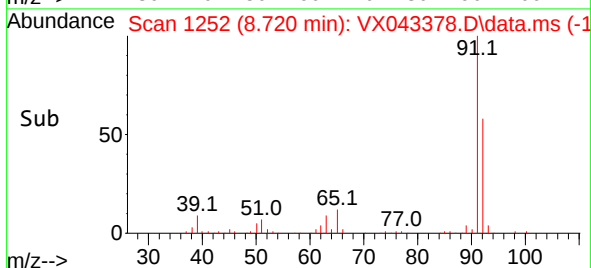
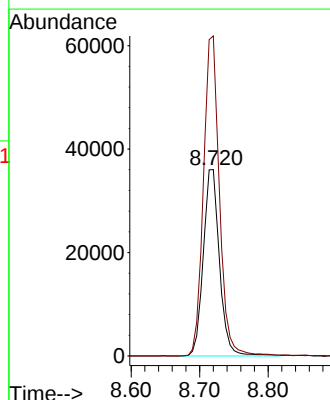
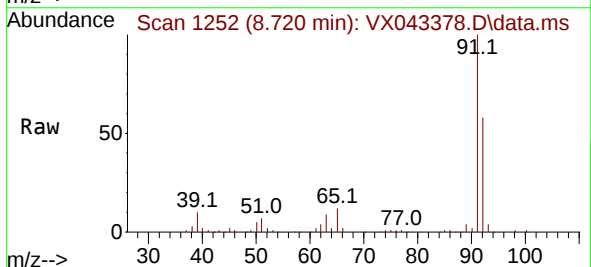
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 43 Resp: 188224  
Ion Ratio Lower Upper  
43 100  
58 37.8 30.0 45.0



#52  
Toluene  
Concen: 20.043 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 92 Resp: 59329  
Ion Ratio Lower Upper  
92 100  
91 169.9 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 20.059 ug/l

RT: 8.976 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

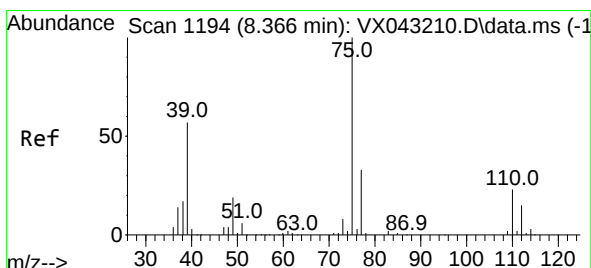
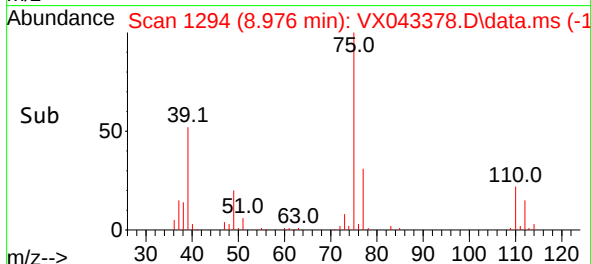
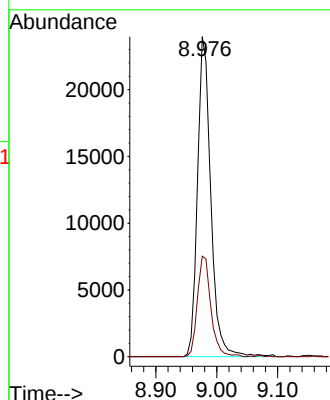
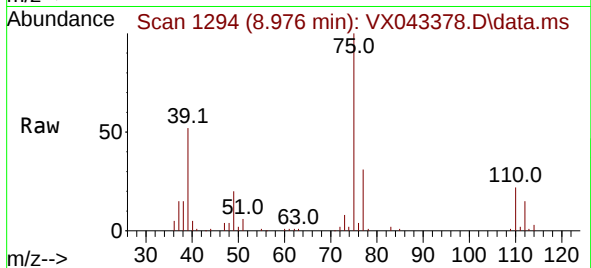
ClientSampleId :

Tgt Ion: 75 Resp: 36397

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.775 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

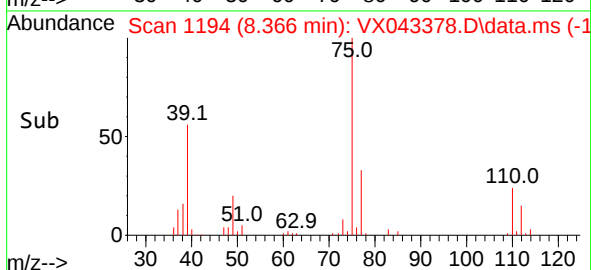
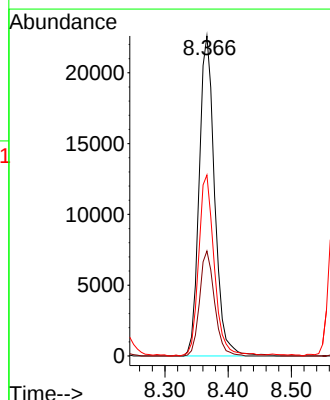
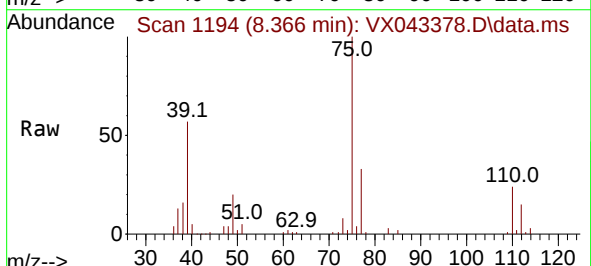
Tgt Ion: 75 Resp: 38485

Ion Ratio Lower Upper

75 100

77 32.8 26.0 39.0

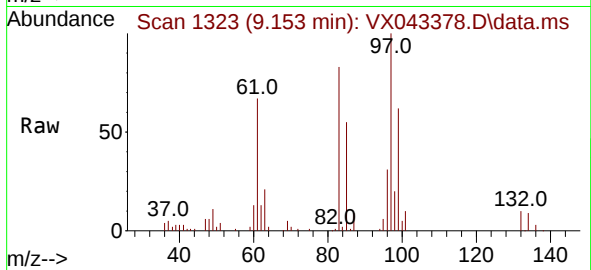
39 56.6 45.8 68.8



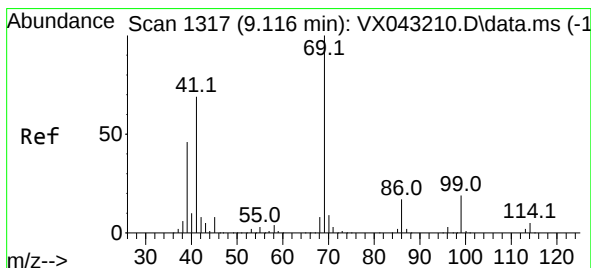
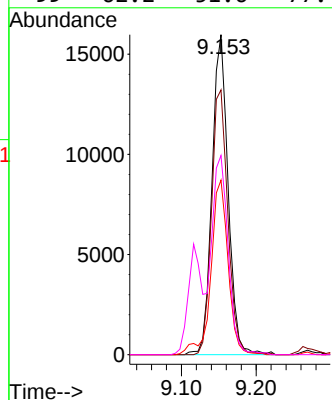
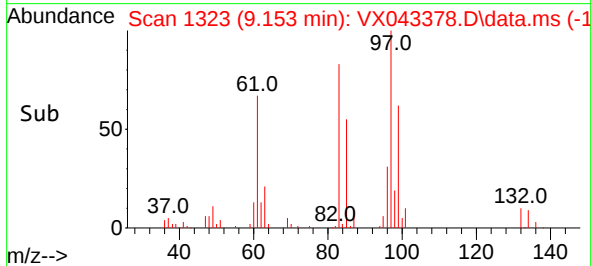


#55  
1,1,2-Trichloroethane  
Concen: 20.382 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

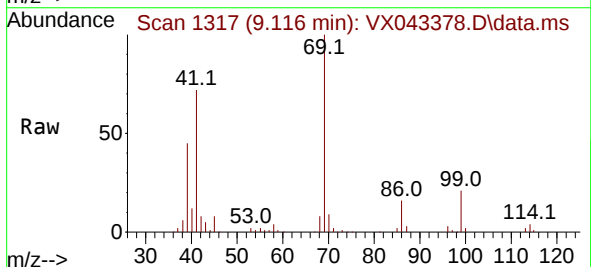
Instrument :  
MSVOA\_X  
ClientSampleId :



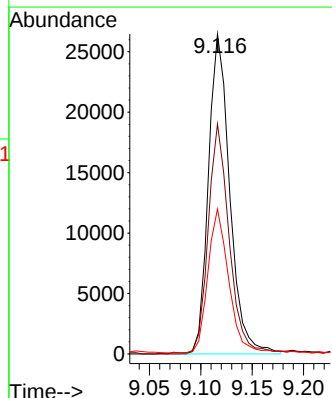
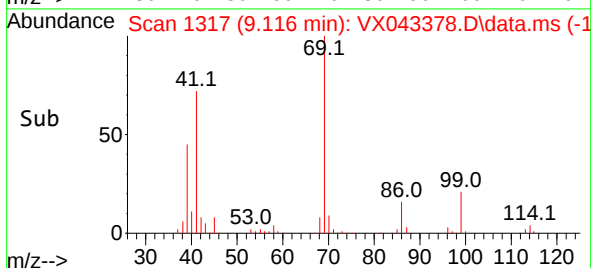
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 82.8  | 66.9  | 100.3 |
| 85      | 54.6  | 43.9  | 65.9  |
| 99      | 62.2  | 51.6  | 77.4  |

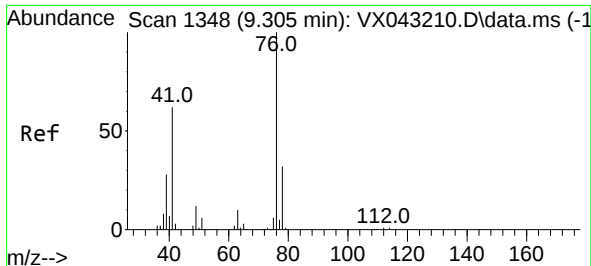


#56  
Ethyl methacrylate  
Concen: 19.890 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 71.1  | 56.1  | 84.1  |
| 39      | 44.3  | 36.4  | 54.6  |





#57

1,3-Dichloropropane

Concen: 20.605 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

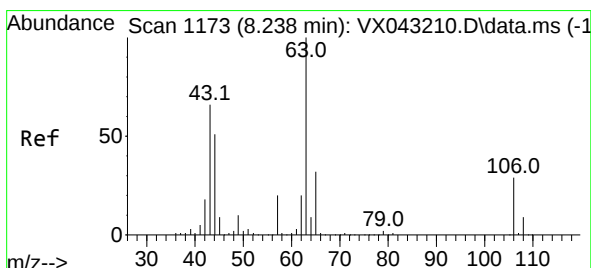
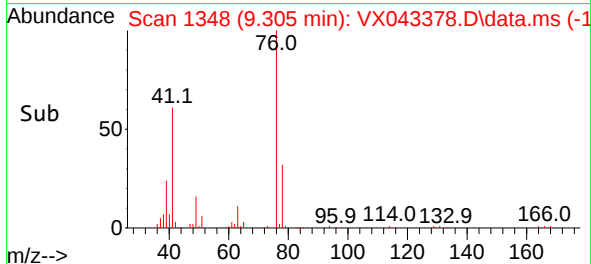
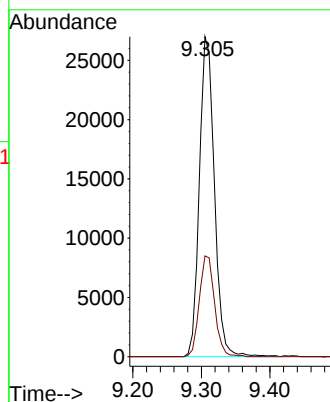
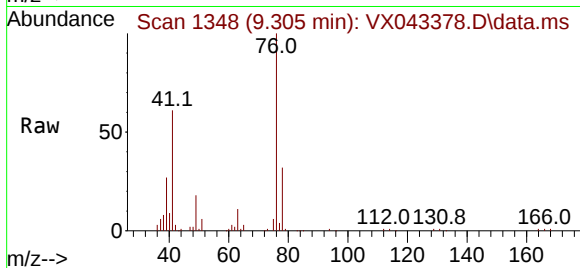
ClientSampleId :

Tgt Ion: 76 Resp: 41284

Ion Ratio Lower Upper

76 100

78 32.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 102.776 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX043378.D

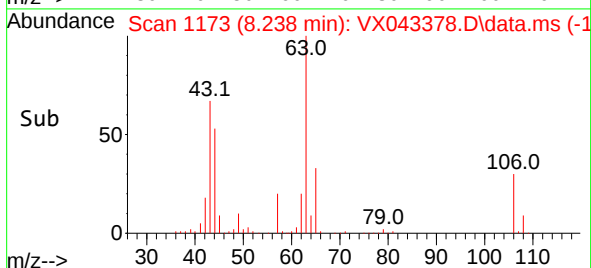
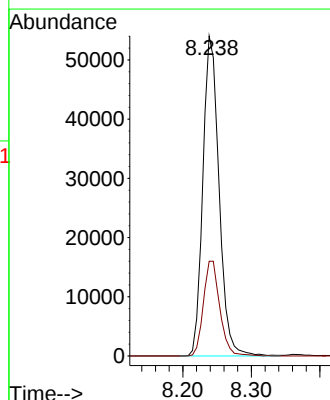
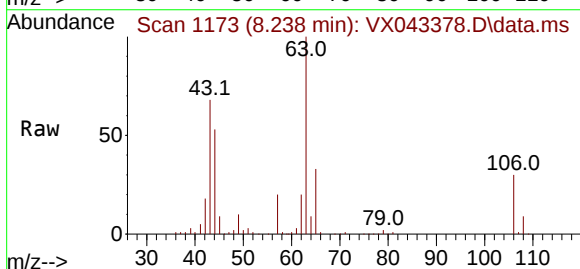
Acq: 14 Oct 2024 13:33

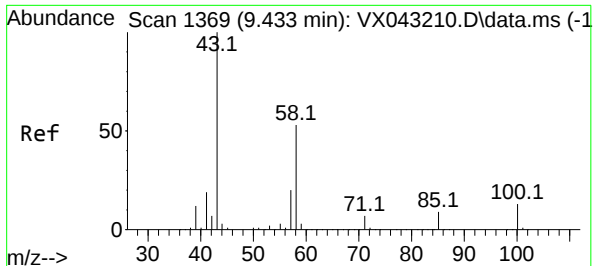
Tgt Ion: 63 Resp: 89099

Ion Ratio Lower Upper

63 100

106 30.0 23.7 35.5





#59

2-Hexanone

Concen: 102.050 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

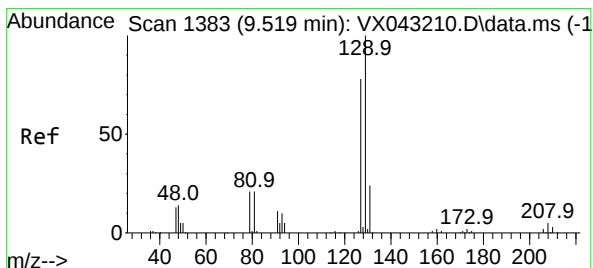
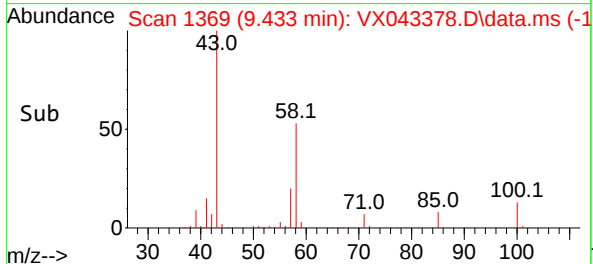
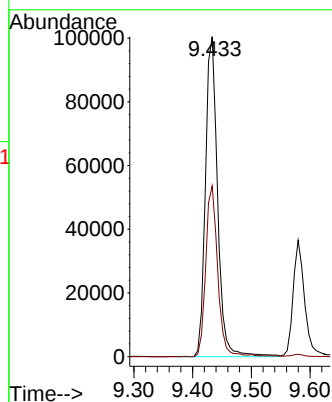
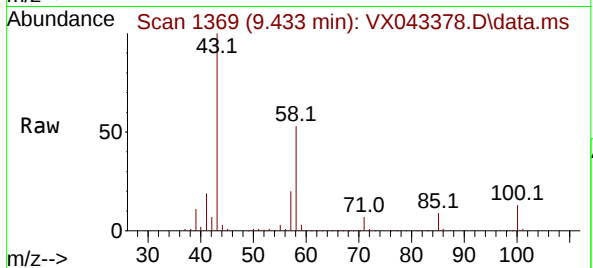
ClientSampleId :

Tgt Ion: 43 Resp: 144822

Ion Ratio Lower Upper

43 100

58 52.6 26.1 78.3



#60

Dibromochloromethane

Concen: 18.524 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX043378.D

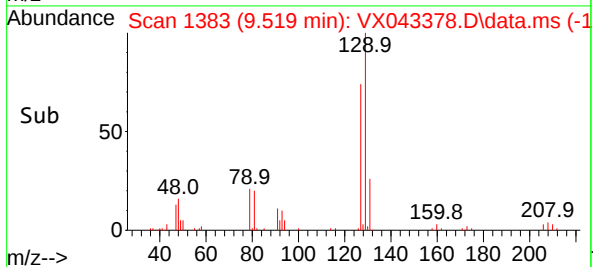
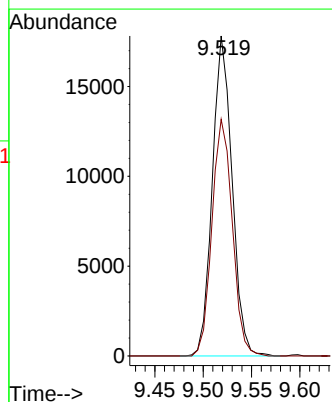
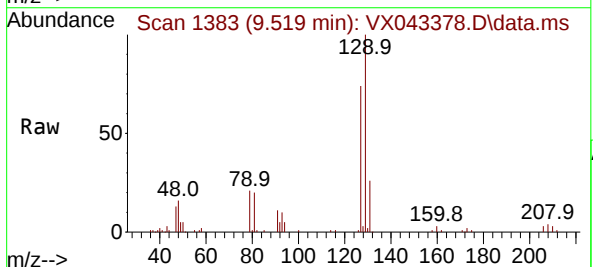
Acq: 14 Oct 2024 13:33

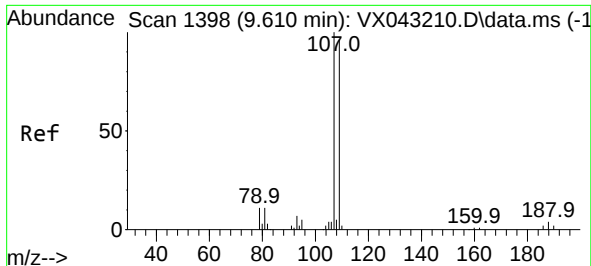
Tgt Ion:129 Resp: 25280

Ion Ratio Lower Upper

129 100

127 76.3 38.3 114.9

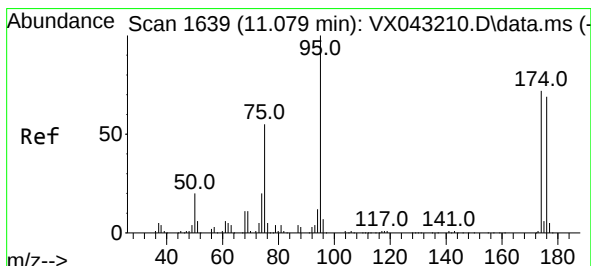
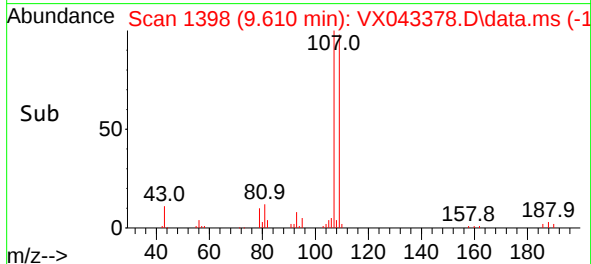
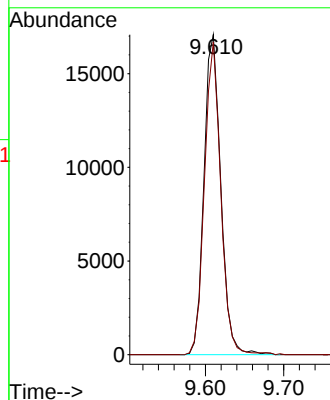
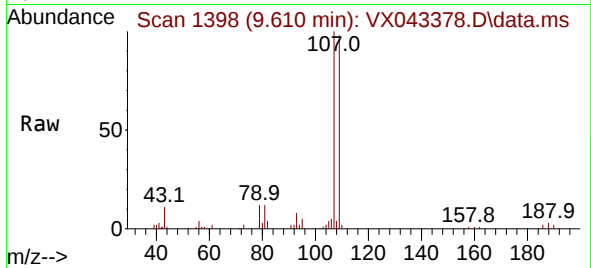




#61  
1,2-Dibromoethane  
Concen: 20.105 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

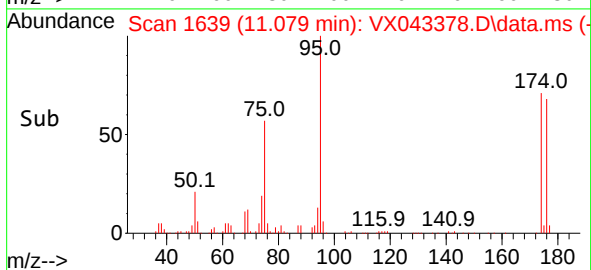
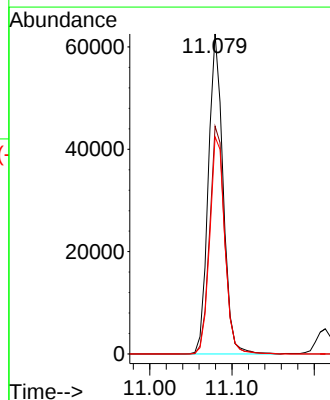
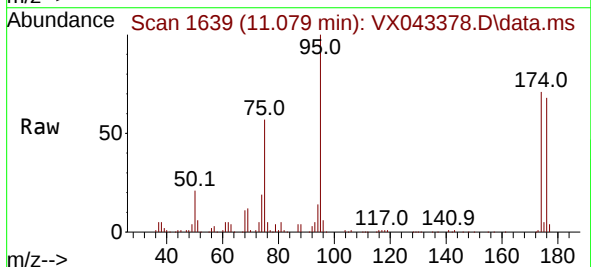
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:107 Resp: 25411  
Ion Ratio Lower Upper  
107 100  
109 94.9 76.1 114.1



#62  
4-Bromofluorobenzene  
Concen: 50.175 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 95 Resp: 77893  
Ion Ratio Lower Upper  
95 100  
174 72.5 0.0 145.0  
176 69.4 0.0 143.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

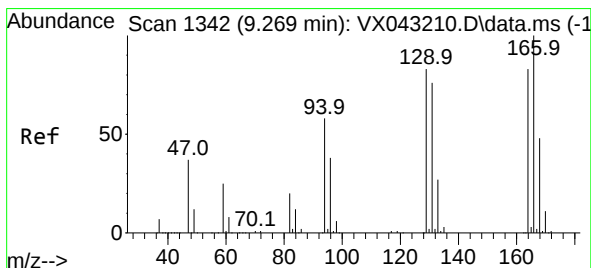
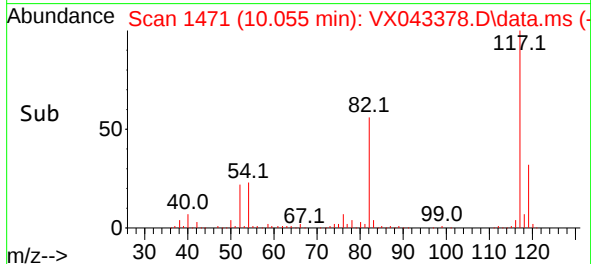
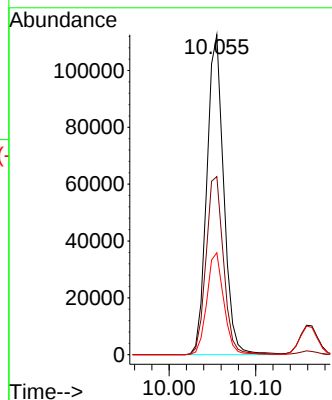
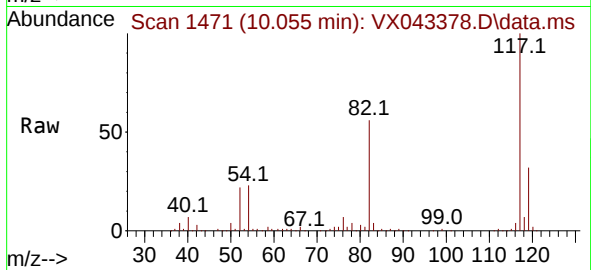
Tgt Ion:117 Resp: 152801

Ion Ratio Lower Upper

117 100

82 55.6 45.0 67.6

119 31.8 25.3 37.9



#64

Tetrachloroethene

Concen: 20.389 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Tgt Ion:164 Resp: 21618

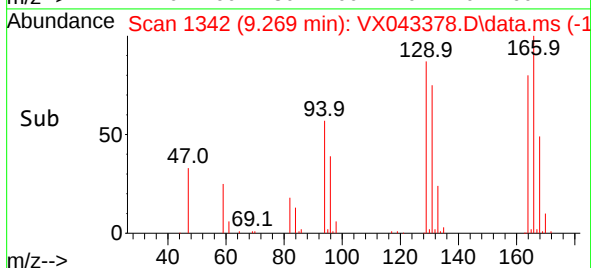
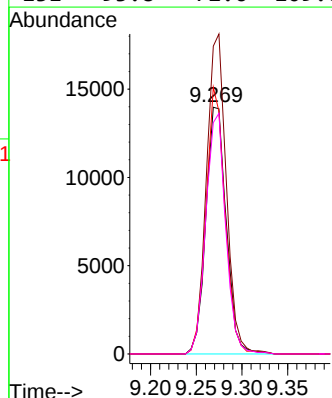
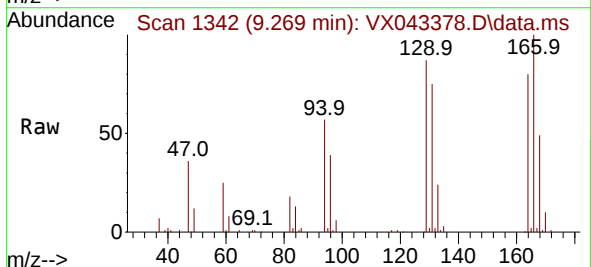
Ion Ratio Lower Upper

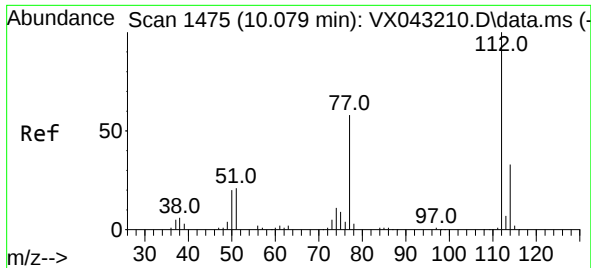
164 100

166 124.8 96.0 144.0

129 108.1 79.4 119.0

131 93.8 72.6 109.0

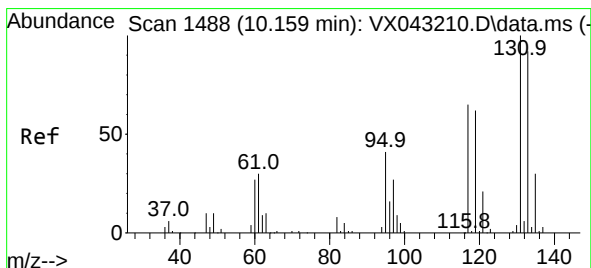
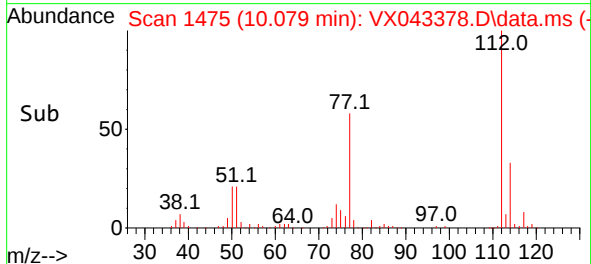
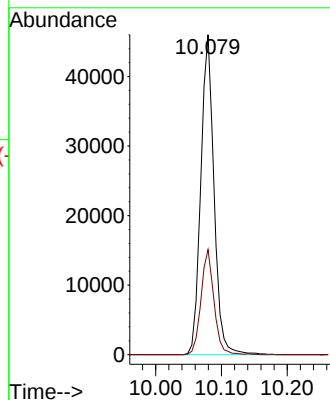
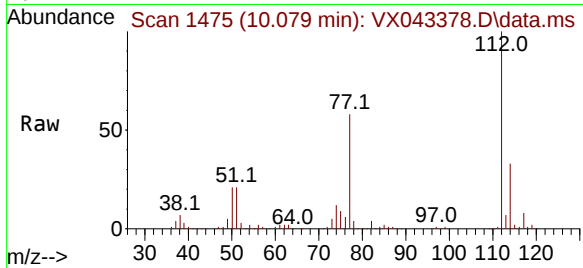




#65  
Chlorobenzene  
Concen: 19.599 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

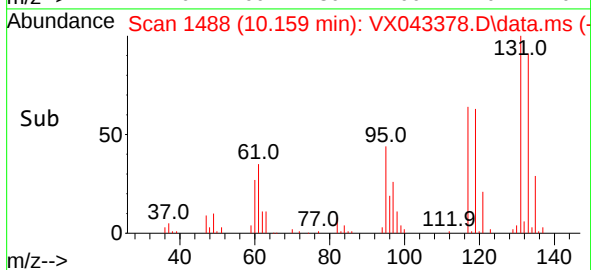
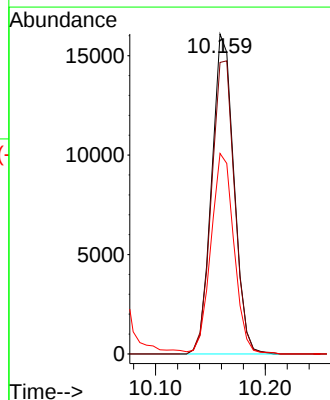
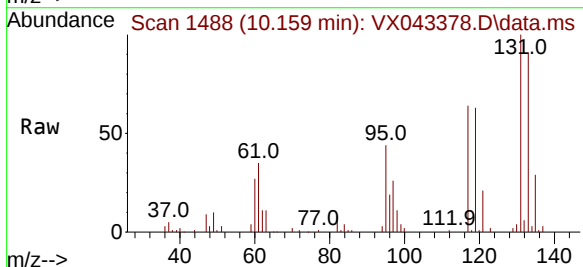
Instrument :  
MSVOA\_X  
ClientSampleId :

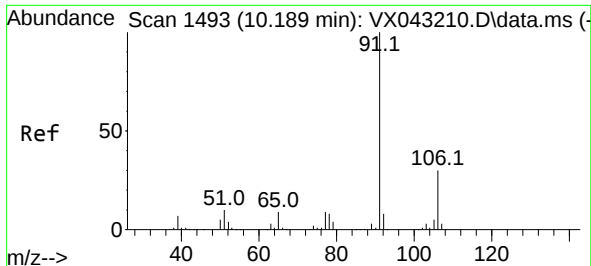
Tgt Ion:112 Resp: 64383  
Ion Ratio Lower Upper  
112 100  
114 32.9 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.550 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion:131 Resp: 22709  
Ion Ratio Lower Upper  
131 100  
133 95.2 46.9 140.8  
119 64.8 31.7 95.1





#67

Ethyl Benzene

Concen: 19.996 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

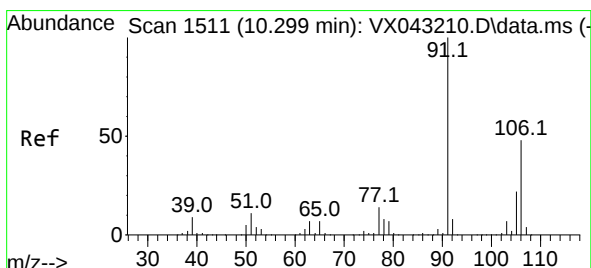
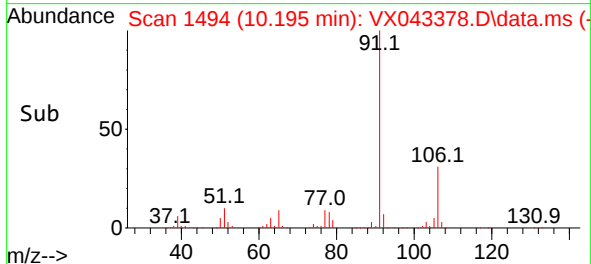
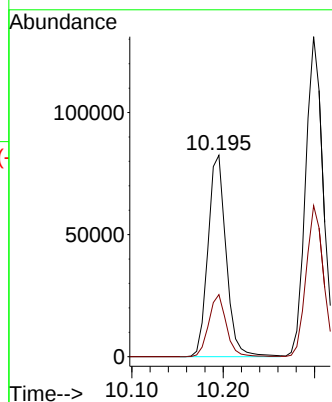
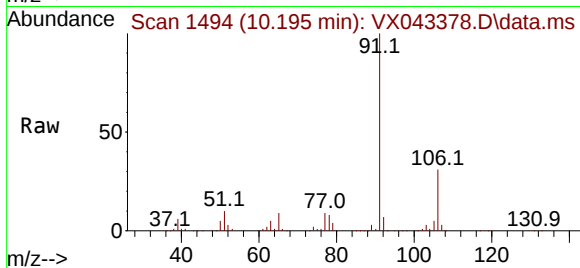
ClientSampleId :

Tgt Ion: 91 Resp: 113540

Ion Ratio Lower Upper

91 100

106 30.8 23.9 35.9



#68

m/p-Xylenes

Concen: 39.138 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043378.D

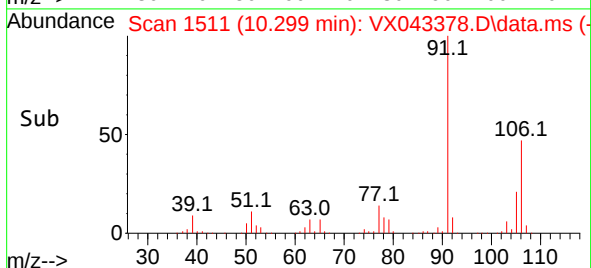
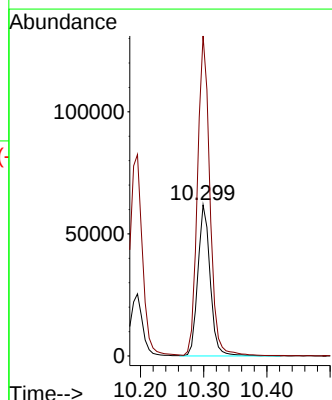
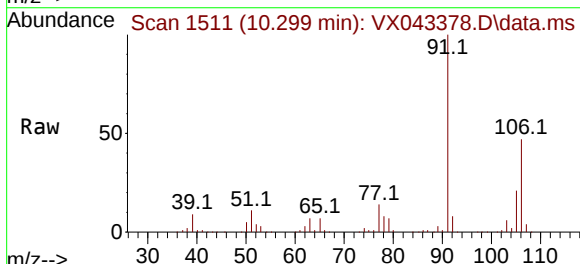
Acq: 14 Oct 2024 13:33

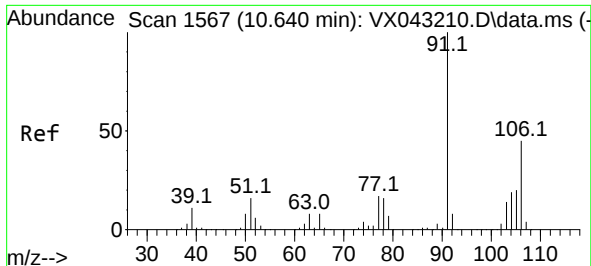
Tgt Ion: 106 Resp: 83982

Ion Ratio Lower Upper

106 100

91 213.1 167.0 250.6

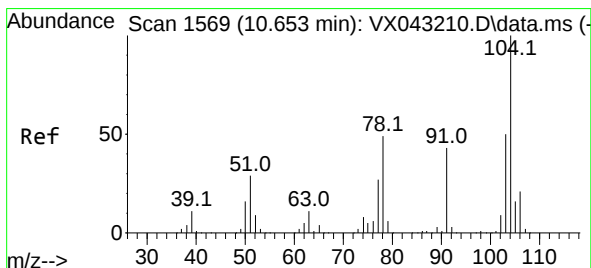
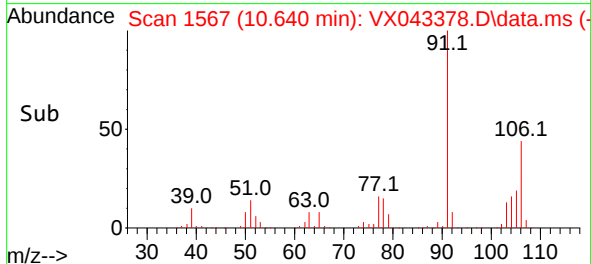
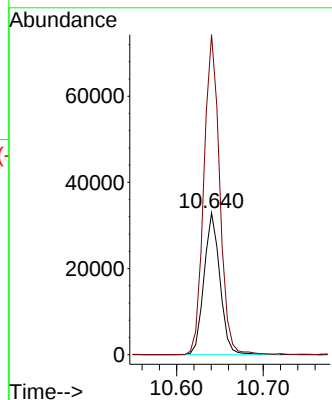
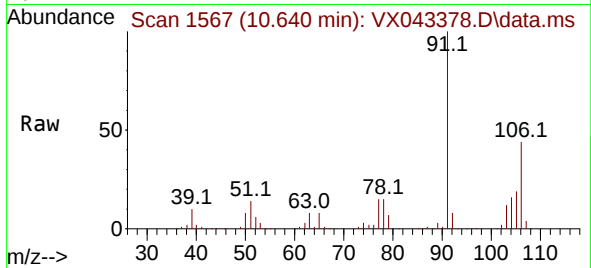




#69  
o-Xylene  
Concen: 19.646 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

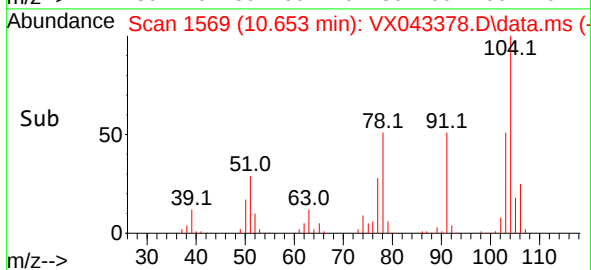
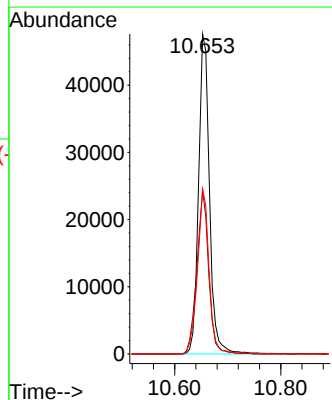
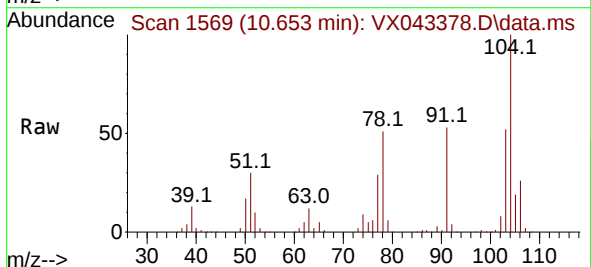
Instrument :  
MSVOA\_X  
ClientSampleId :

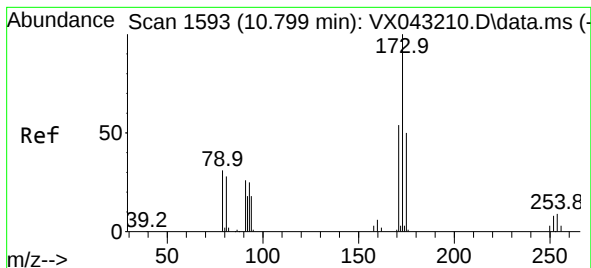
Tgt Ion:106 Resp: 41891  
Ion Ratio Lower Upper  
106 100  
91 224.9 111.6 334.8



#70  
Styrene  
Concen: 19.808 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion:104 Resp: 68450  
Ion Ratio Lower Upper  
104 100  
78 55.0 43.5 65.3  
103 54.8 43.9 65.9





#71

Bromoform

Concen: 17.791 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

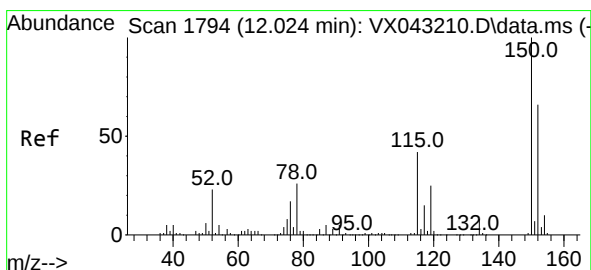
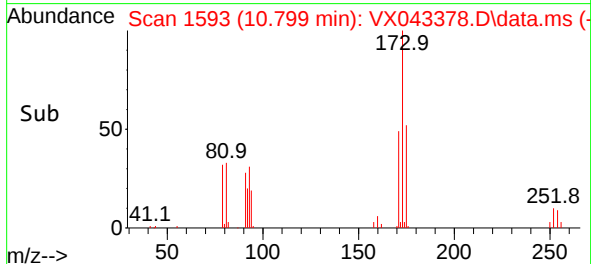
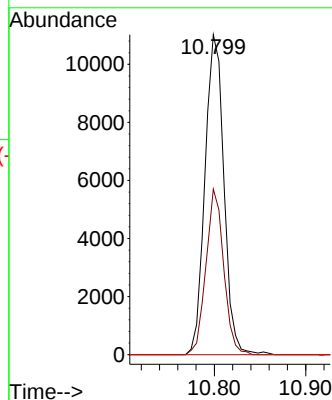
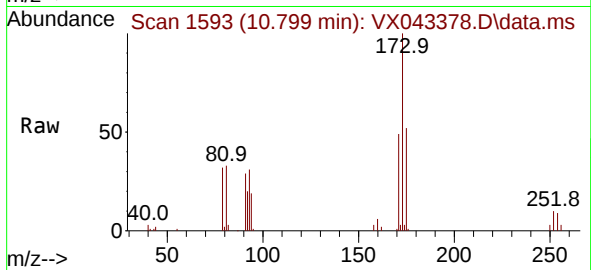
Tgt Ion:173 Resp: 15831

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.9

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

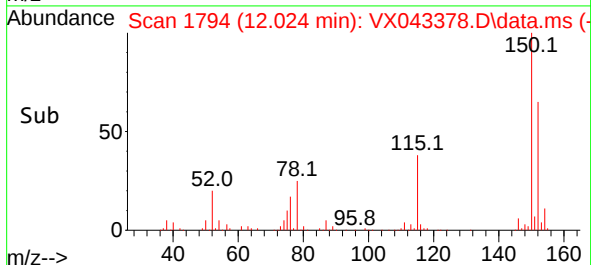
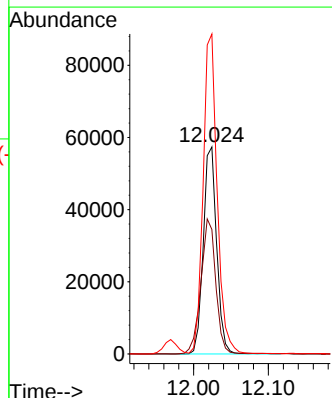
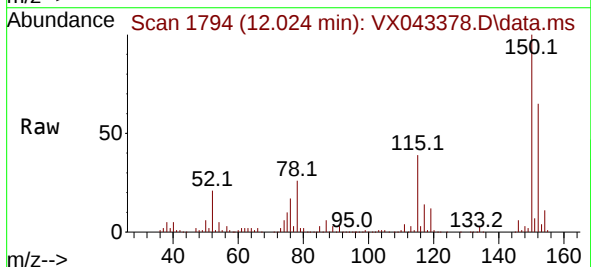
Tgt Ion:152 Resp: 71479

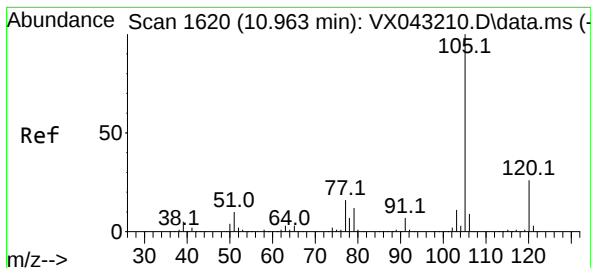
Ion Ratio Lower Upper

152 100

115 72.5 44.1 132.3

150 161.3 0.0 347.4





#73

Isopropylbenzene

Concen: 19.518 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

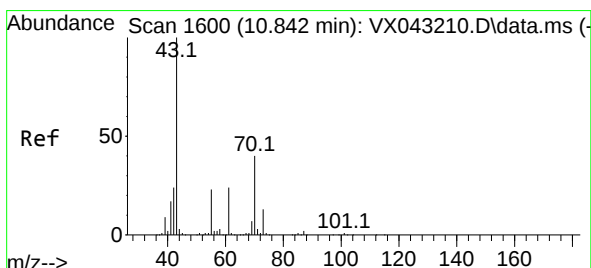
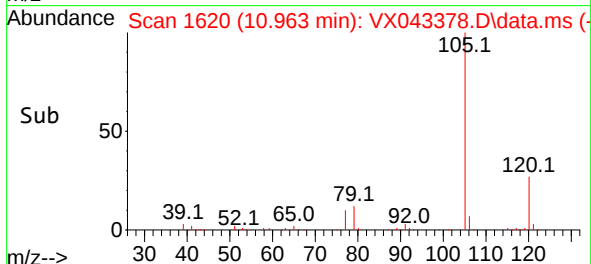
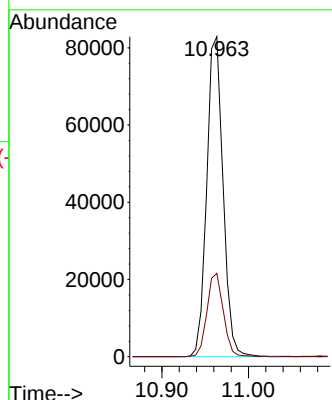
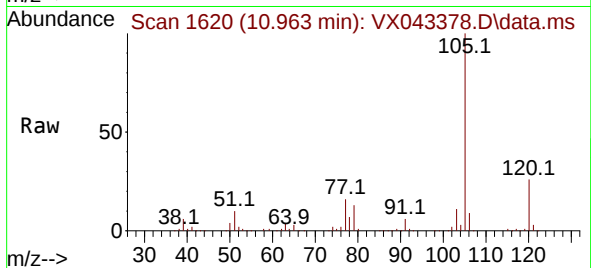
ClientSampleId :

Tgt Ion:105 Resp: 108466

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.7



#74

N-ethyl acetate

Concen: 19.087 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Tgt Ion: 43 Resp: 50354

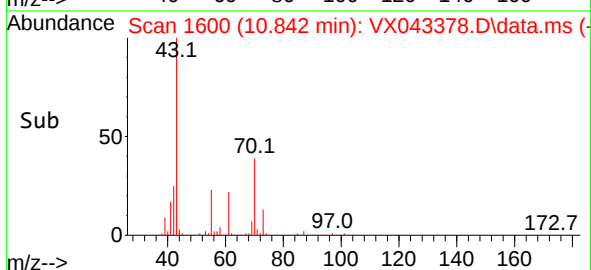
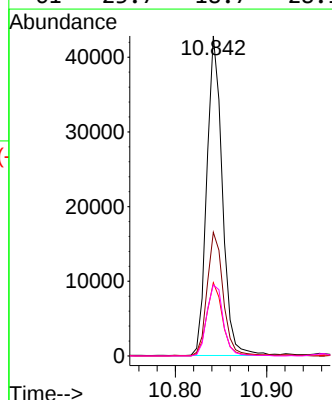
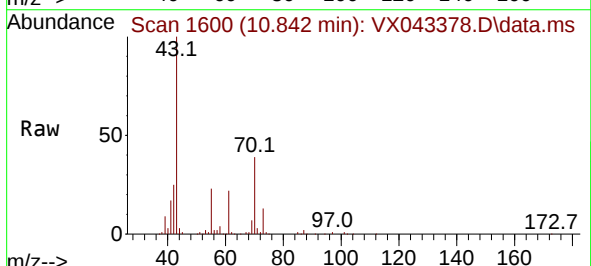
Ion Ratio Lower Upper

43 100

70 40.1 33.1 49.7

55 23.9 18.6 27.8

61 23.7 18.7 28.1

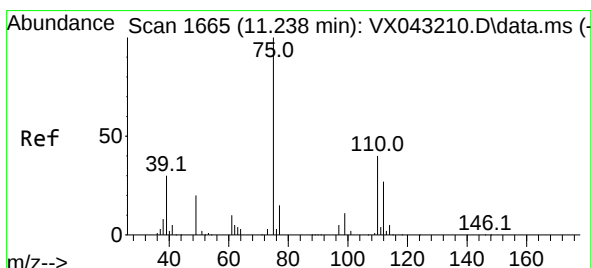
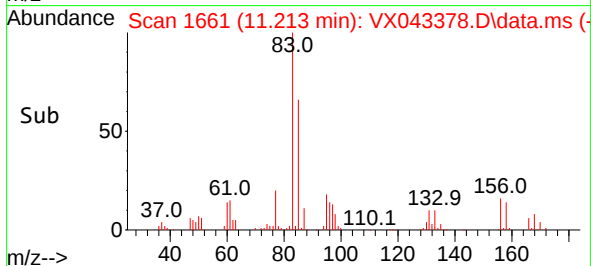
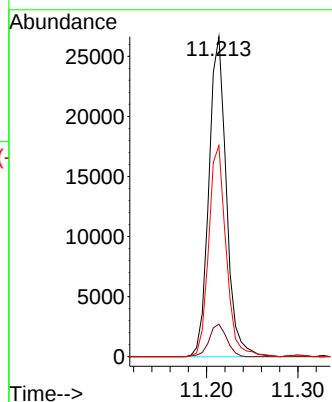
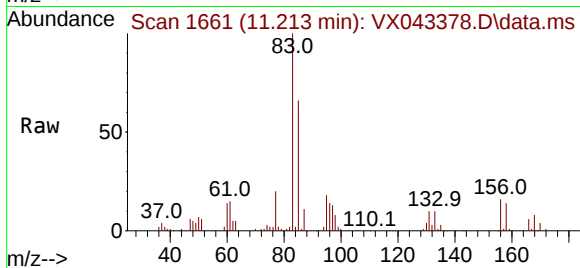




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.579 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX043378.D  
 Acq: 14 Oct 2024 13:33

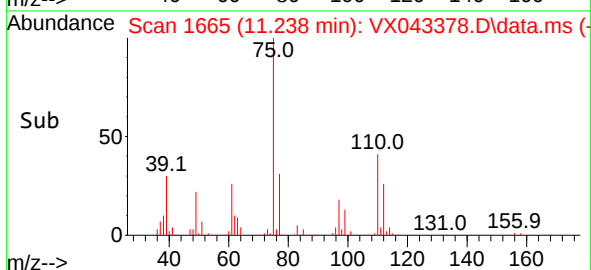
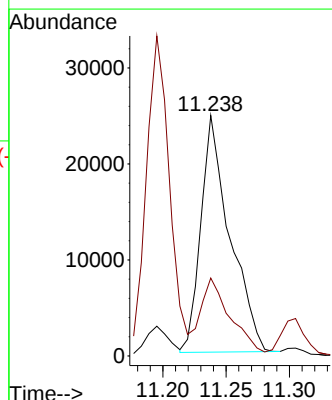
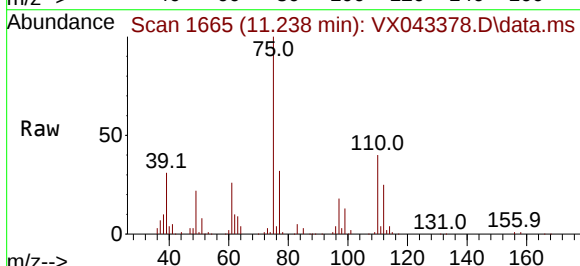
Instrument :  
 MSVOA\_X  
 ClientSampleId :

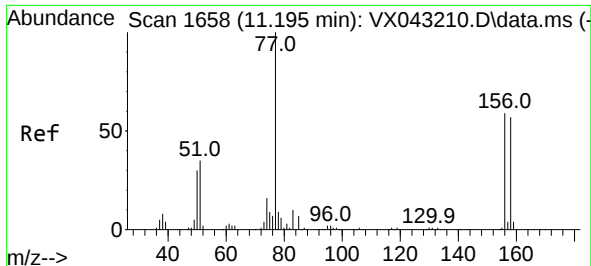
Tgt Ion: 83 Resp: 35445  
 Ion Ratio Lower Upper  
 83 100  
 131 10.3 5.2 15.6  
 85 65.5 31.9 95.5



#76  
 1,2,3-Trichloropropane  
 Concen: 24.847 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. 0.000 min  
 Lab File: VX043378.D  
 Acq: 14 Oct 2024 13:33

Tgt Ion: 75 Resp: 39394  
 Ion Ratio Lower Upper  
 75 100  
 77 34.3 22.0 66.0

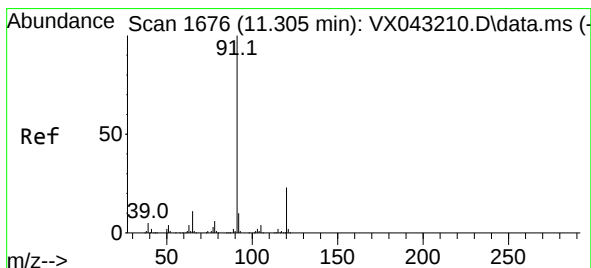
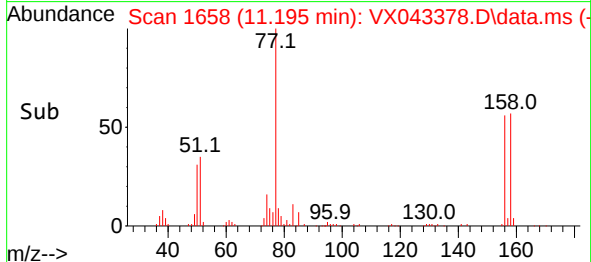
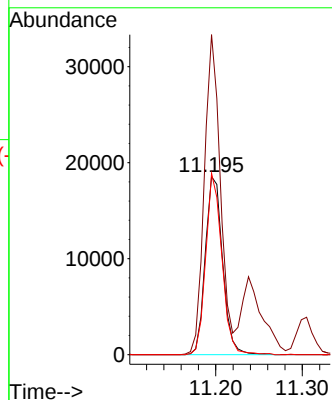
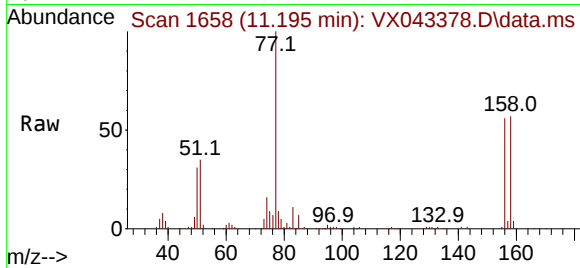




#77  
Bromobenzene  
Concen: 19.053 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

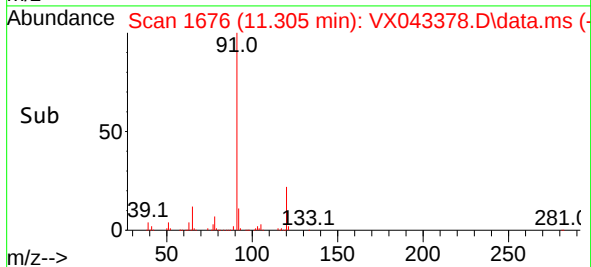
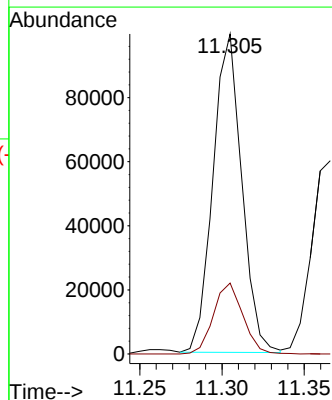
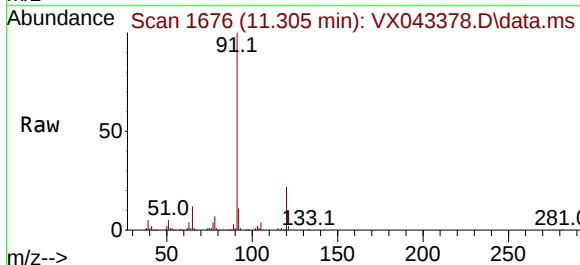
Instrument :  
MSVOA\_X  
ClientSampleId :

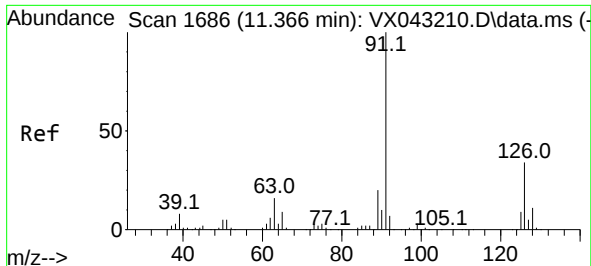
Tgt Ion:156 Resp: 25767  
Ion Ratio Lower Upper  
156 100  
77 166.3 82.0 245.8  
158 95.3 48.1 144.3



#78  
n-propylbenzene  
Concen: 19.838 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 91 Resp: 121027  
Ion Ratio Lower Upper  
91 100  
120 22.8 11.4 34.1

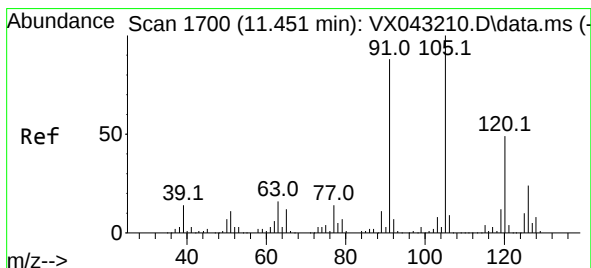
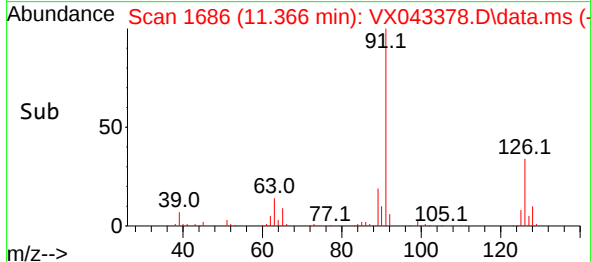
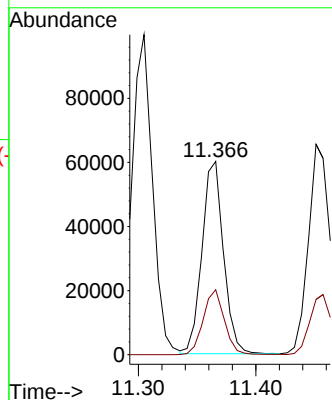
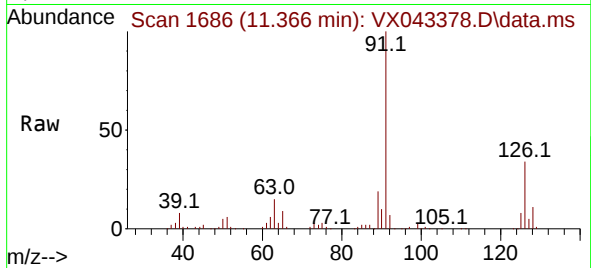




#79  
2-Chlorotoluene  
Concen: 19.458 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

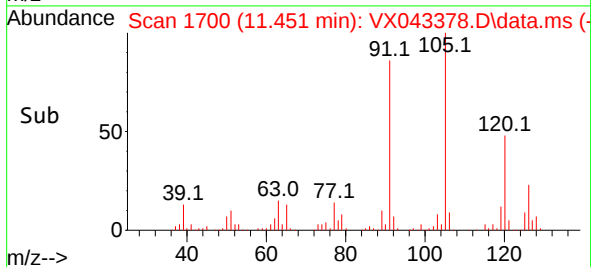
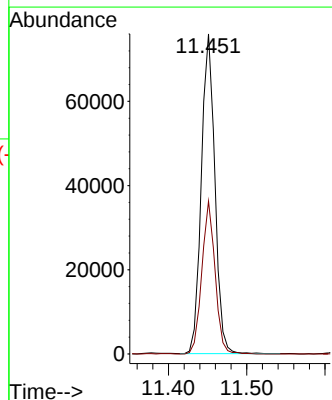
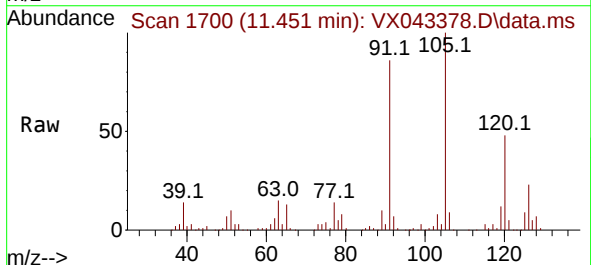
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 91 Resp: 76318  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.6 49.7



#80  
1,3,5-Trimethylbenzene  
Concen: 19.868 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 105 Resp: 91078  
Ion Ratio Lower Upper  
105 100  
120 46.8 23.9 71.8

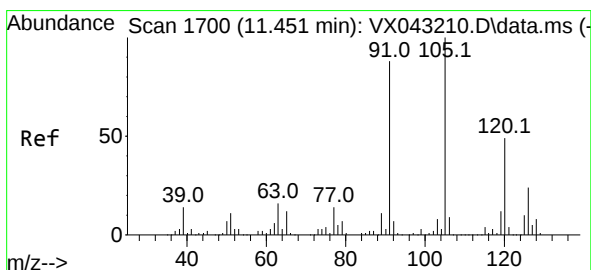
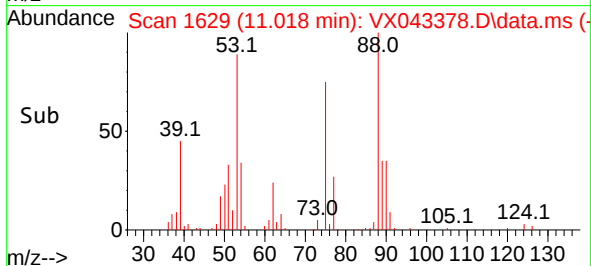
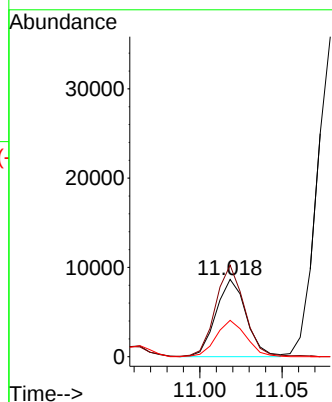
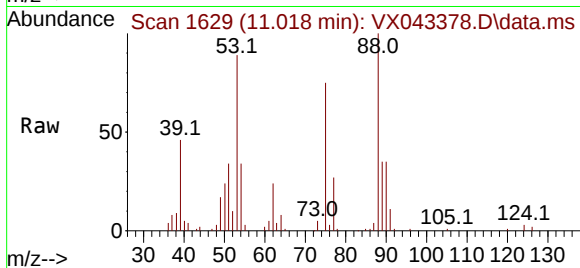




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.108 ug/l  
RT: 11.018 min Scan# 11078  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

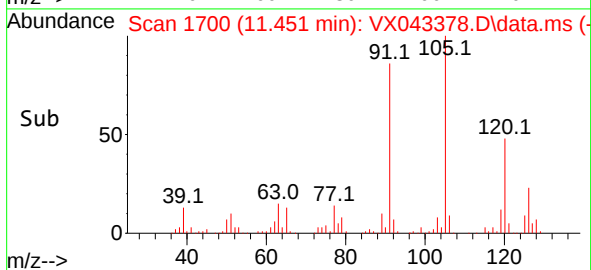
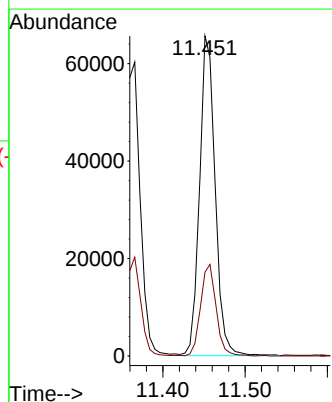
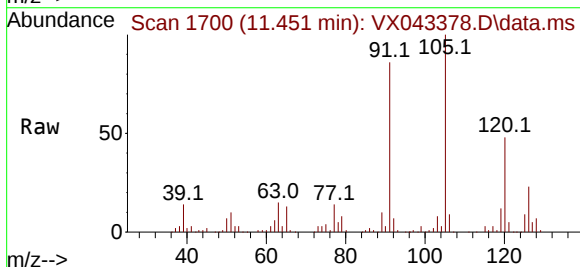
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 11078  
Ion Ratio Lower Upper  
75 100  
53 113.4 83.9 125.9  
89 46.7 38.6 58.0



#82  
4-Chlorotoluene  
Concen: 19.327 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX043378.D  
Acq: 14 Oct 2024 13:33

Tgt Ion: 91 Resp: 86354  
Ion Ratio Lower Upper  
91 100  
126 28.6 14.1 42.3





#83

tert-Butylbenzene

Concen: 19.395 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

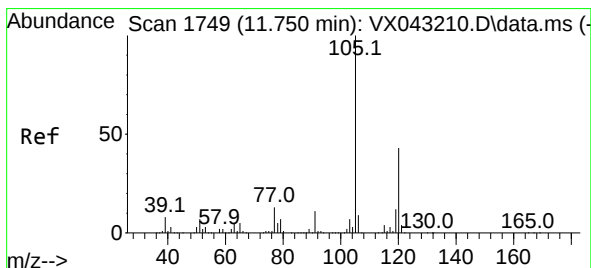
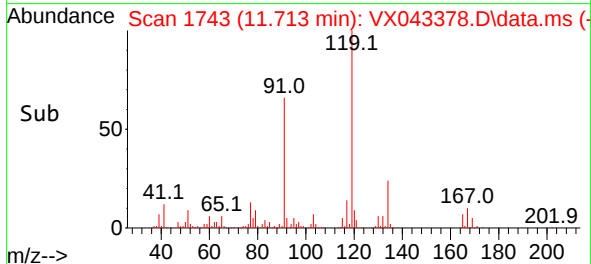
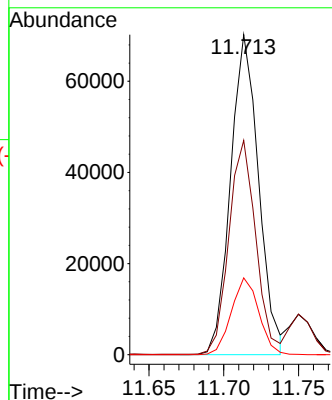
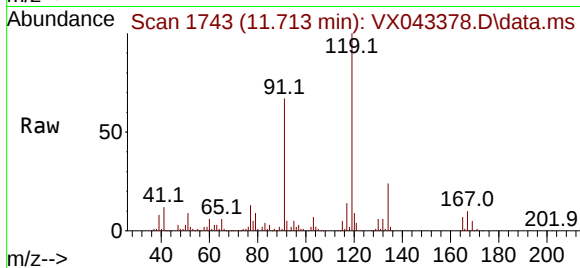
Tgt Ion:119 Resp: 91599

Ion Ratio Lower Upper

119 100

91 64.2 31.0 93.0

134 23.5 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 19.799 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043378.D

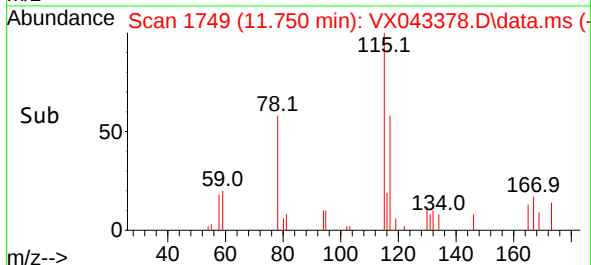
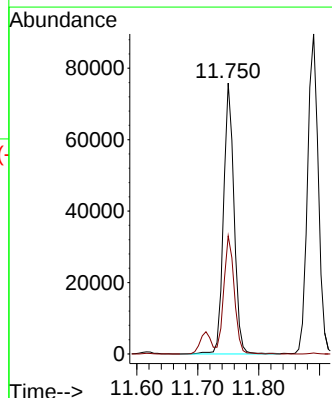
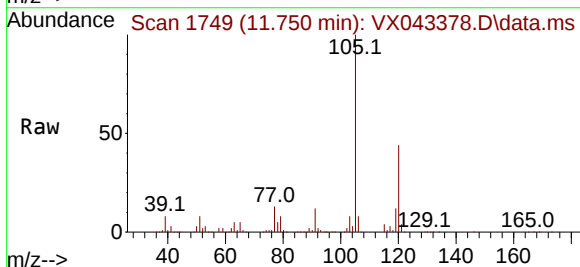
Acq: 14 Oct 2024 13:33

Tgt Ion:105 Resp: 91323

Ion Ratio Lower Upper

105 100

120 43.9 21.2 63.6

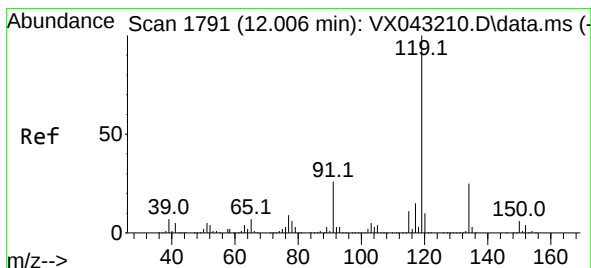
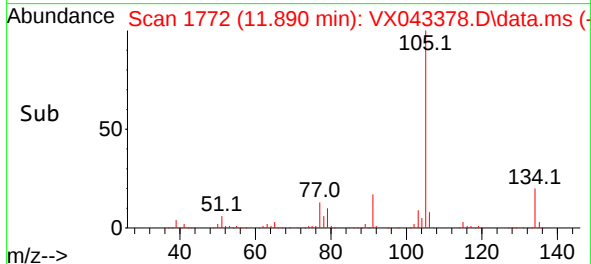
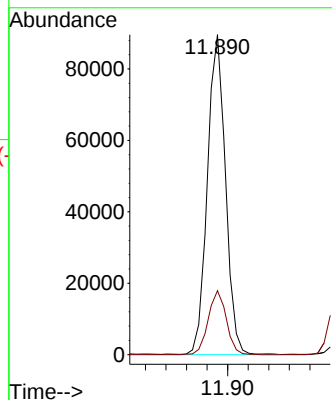
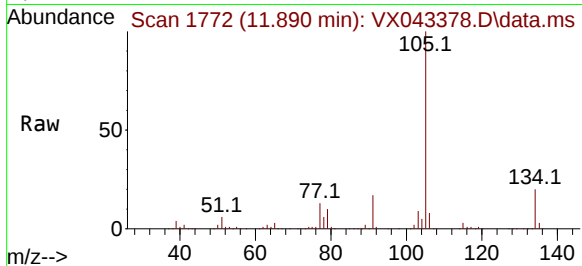




#85  
 sec-Butylbenzene  
 Concen: 19.577 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX043378.D  
 Acq: 14 Oct 2024 13:33

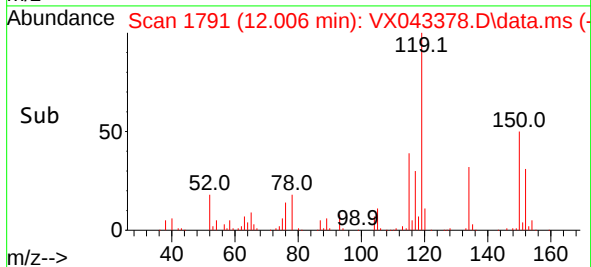
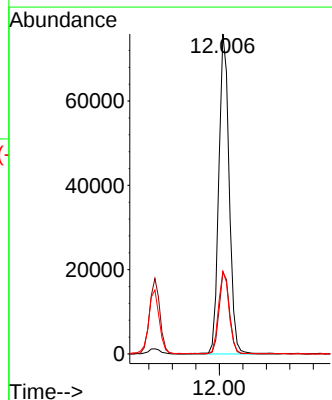
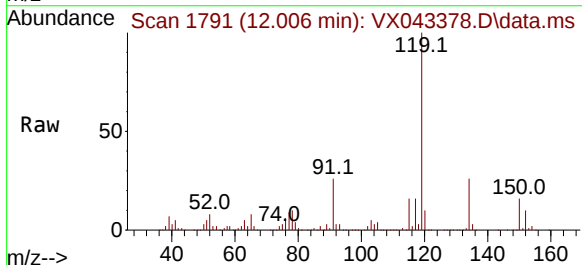
Instrument :  
 MSVOA\_X  
 ClientSampleId :

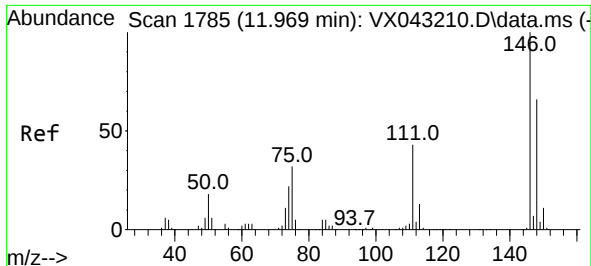
Tgt Ion:105 Resp: 109606  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 19.898 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX043378.D  
 Acq: 14 Oct 2024 13:33

Tgt Ion:119 Resp: 92943  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 13.0 38.9  
 91 25.9 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 19.391 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

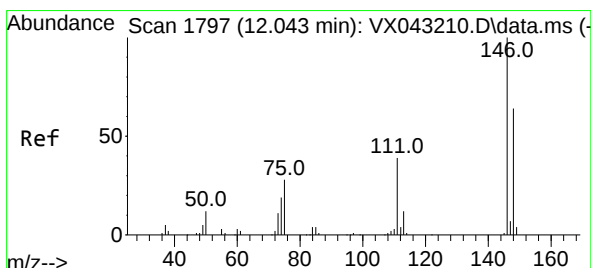
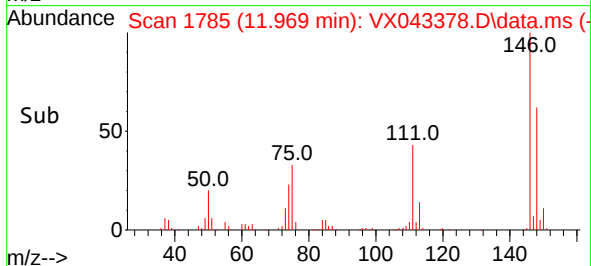
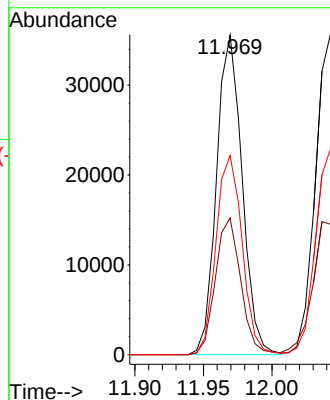
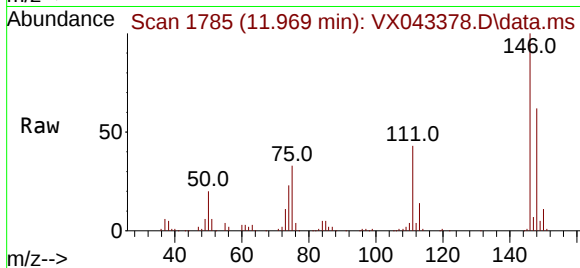
Tgt Ion:146 Resp: 46195

Ion Ratio Lower Upper

146 100

111 42.5 21.8 65.3

148 63.7 32.4 97.2



#88

1,4-Dichlorobenzene

Concen: 18.506 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

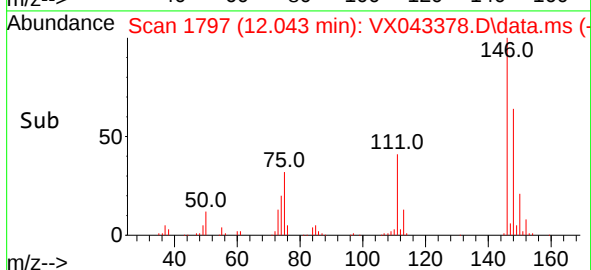
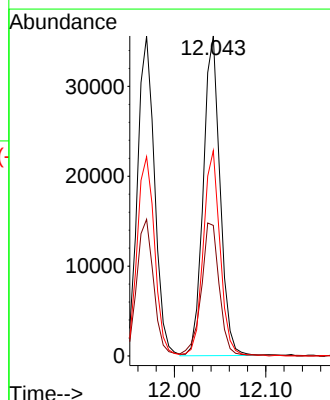
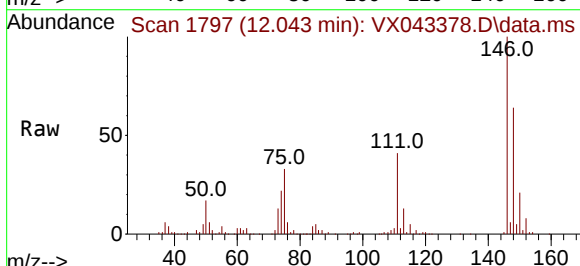
Tgt Ion:146 Resp: 45453

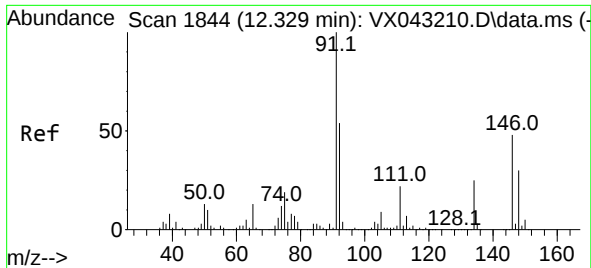
Ion Ratio Lower Upper

146 100

111 43.9 20.8 62.5

148 64.2 32.4 97.0





#89

n-Butylbenzene

Concen: 19.751 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

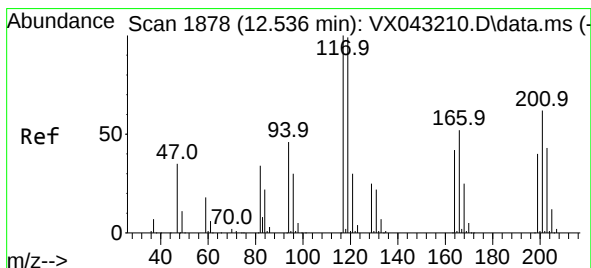
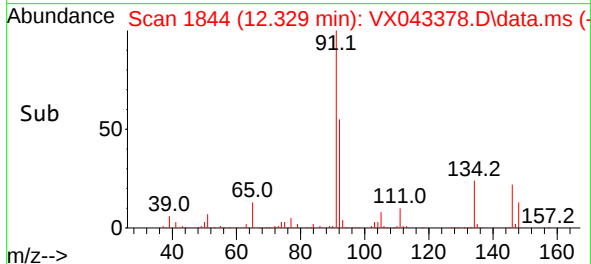
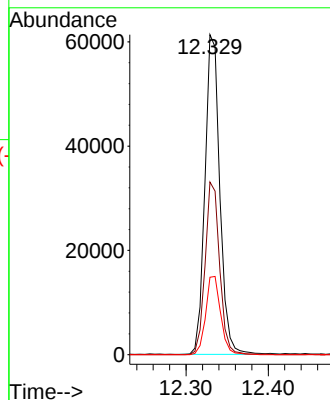
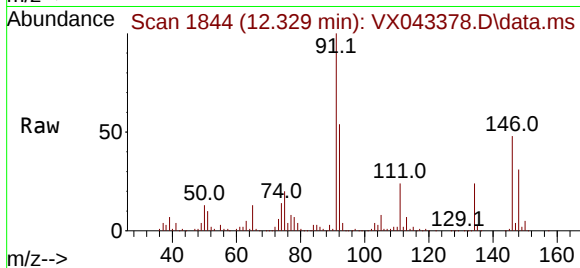
Tgt Ion: 91 Resp: 77238

Ion Ratio Lower Upper

91 100

92 52.6 27.0 81.0

134 24.6 12.9 38.6



#90

Hexachloroethane

Concen: 17.840 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX043378.D

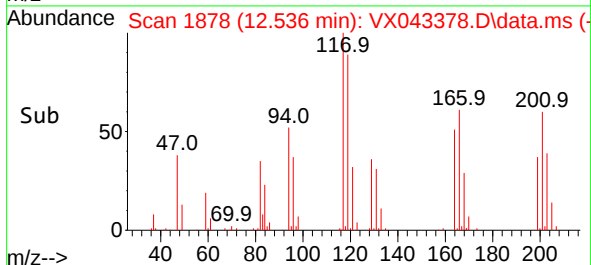
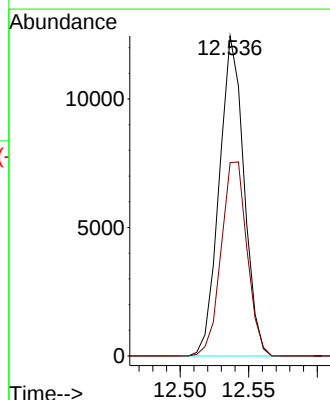
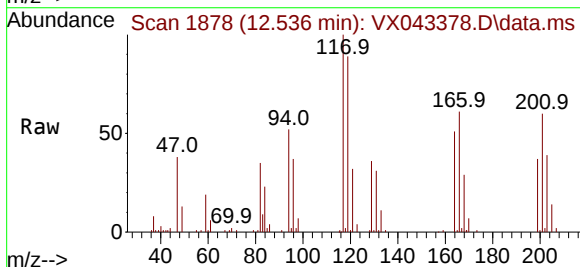
Acq: 14 Oct 2024 13:33

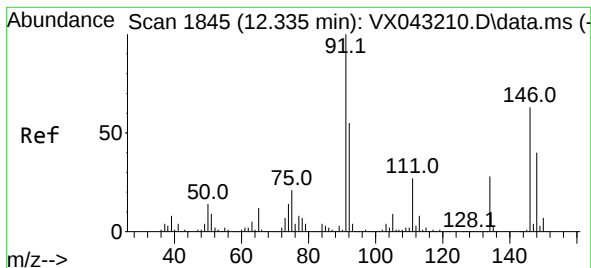
Tgt Ion: 117 Resp: 15628

Ion Ratio Lower Upper

117 100

201 63.7 34.0 101.8





#91

1,2-Dichlorobenzene

Concen: 19.488 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

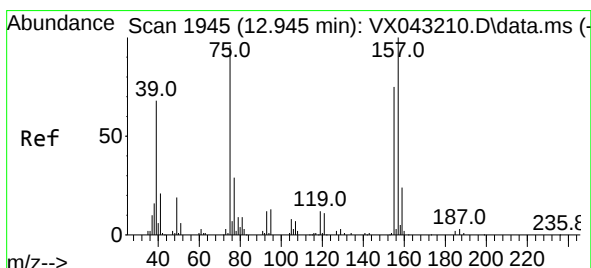
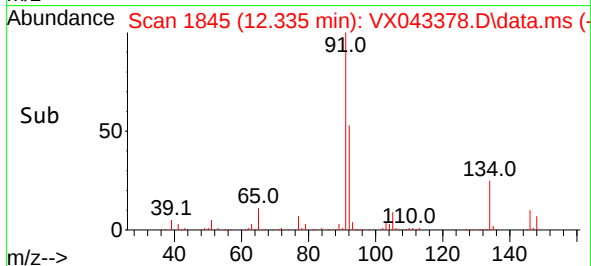
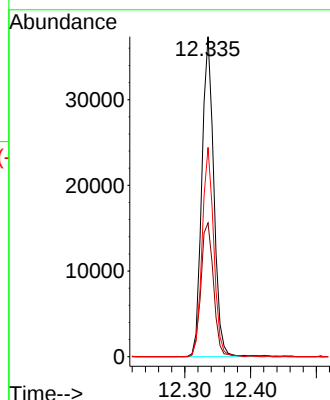
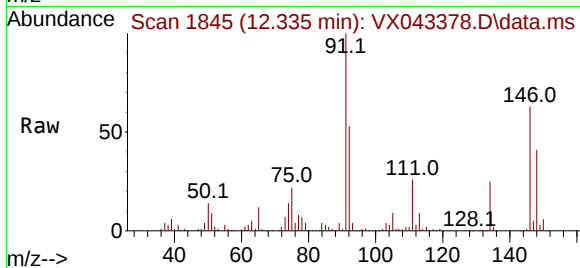
Tgt Ion:146 Resp: 47481

Ion Ratio Lower Upper

146 100

111 43.8 21.9 65.5

148 63.0 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.918 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

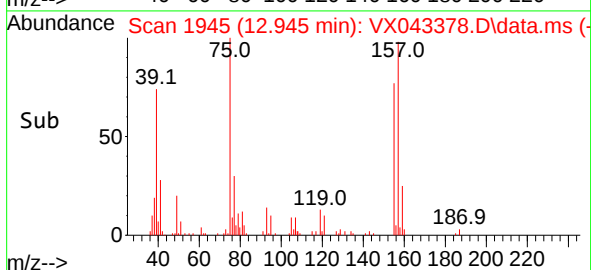
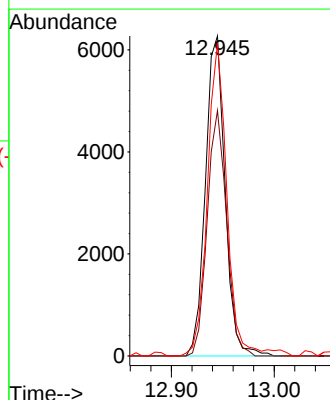
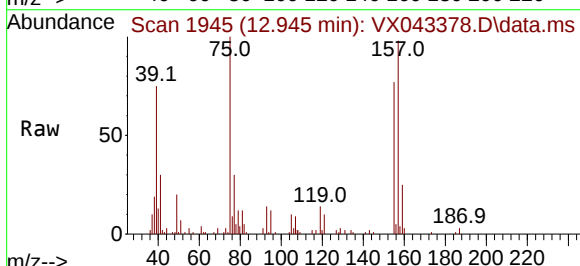
Tgt Ion: 75 Resp: 8362

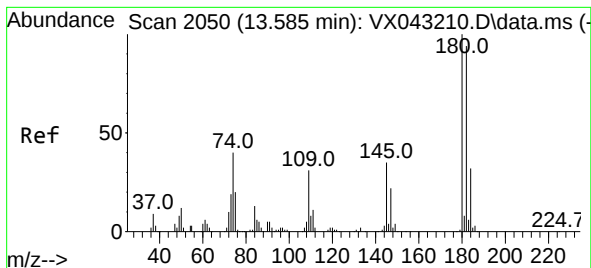
Ion Ratio Lower Upper

75 100

155 75.5 38.8 116.4

157 97.6 49.0 147.0





#93

1,2,4-Trichlorobenzene

Concen: 19.192 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043378.D

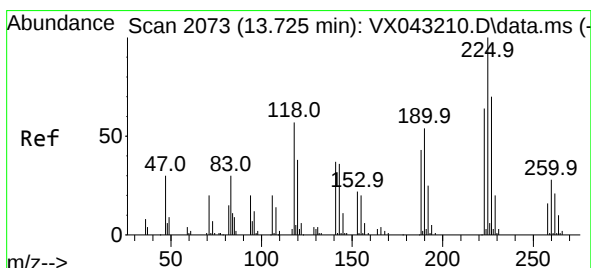
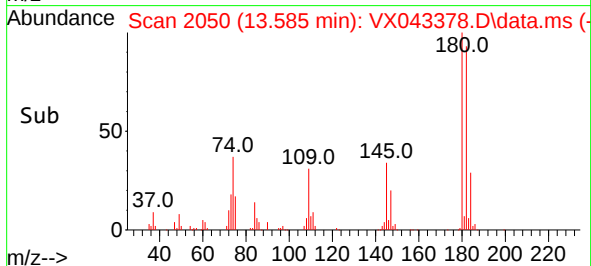
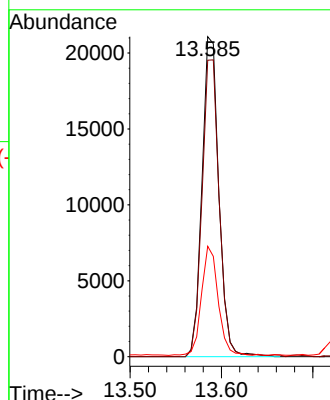
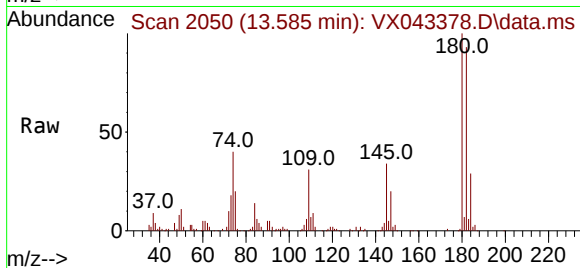
Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 26956      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 95.0  | 47.1 141.3 |
| 145         | 34.1  | 16.6 49.8  |



#94

Hexachlorobutadiene

Concen: 19.644 ug/l

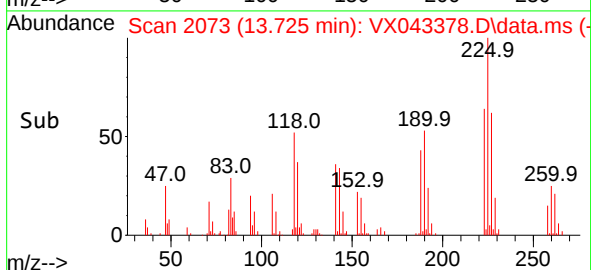
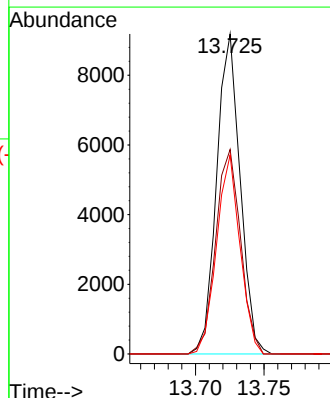
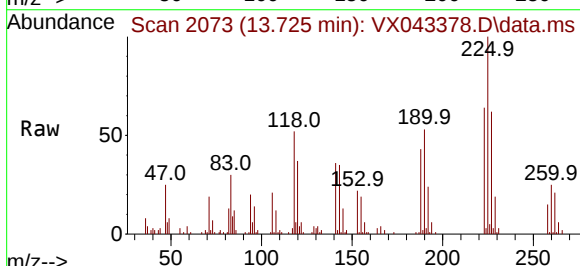
RT: 13.725 min Scan# 2073

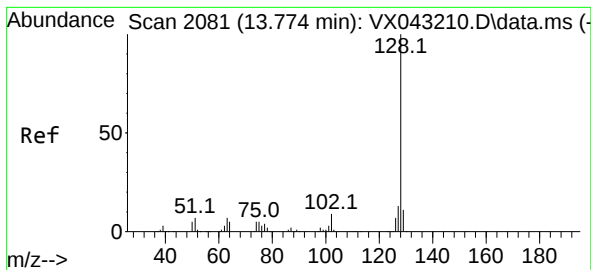
Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 10938     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 67.8  | 30.8 92.4 |
| 227         | 62.1  | 32.2 96.6 |





#95

Naphthalene

Concen: 19.185 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043378.D

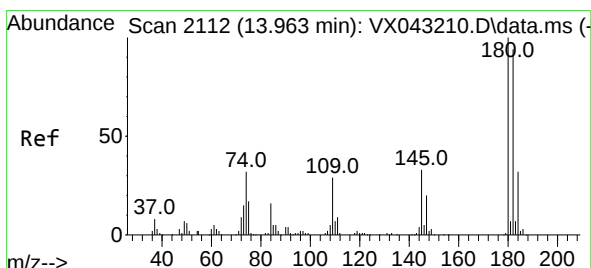
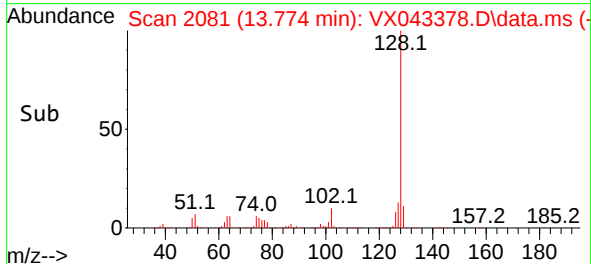
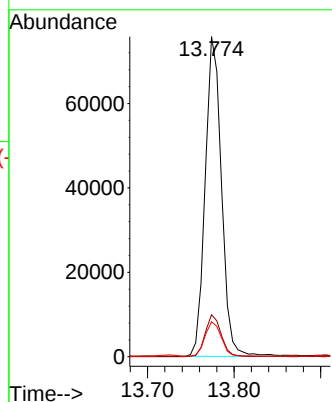
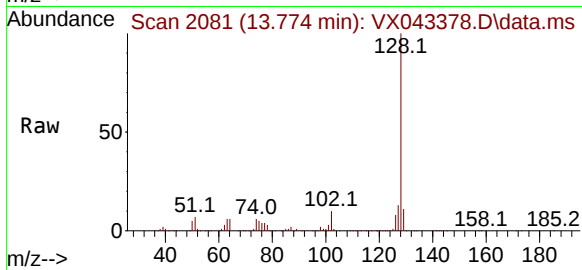
Acq: 14 Oct 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 99060 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 12.9  | 10.2  | 15.2  |
| 129       | 10.8  | 8.6   | 13.0  |



#96

1,2,3-Trichlorobenzene

Concen: 19.586 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX043378.D

Acq: 14 Oct 2024 13:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 28384 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 92.6  | 46.5  | 139.3 |
| 145       | 35.1  | 17.2  | 51.6  |

