

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091923\  
 Data File : VX037815.D  
 Acq On : 19 Sep 2023 18:46  
 Operator : JC/MD  
 Sample : VX0919MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 20 01:07:41 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 16 04:55:44 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 226932   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 375786   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 358716   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 193658   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 158310   | 53.097   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | = 106.200% |          |
| 35) Dibromofluoromethane     | 5.385  | 113   | 134598   | 53.531   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 107.060% |          |
| 50) Toluene-d8               | 8.647  | 98    | 502499   | 53.786   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | = 107.580% |          |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 188617   | 55.559   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 111.120% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 44385    | 18.556   | ug/l       | 98       |
| 3) Chloromethane             | 1.301  | 50    | 48240    | 18.536   | ug/l       | 96       |
| 4) Vinyl Chloride            | 1.374  | 62    | 53425    | 19.028   | ug/l       | 98       |
| 5) Bromomethane              | 1.605  | 94    | 40932    | 20.364   | ug/l       | 96       |
| 6) Chloroethane              | 1.691  | 64    | 35564    | 18.387   | ug/l       | 99       |
| 7) Trichlorofluoromethane    | 1.892  | 101   | 88593    | 19.627   | ug/l       | 99       |
| 8) Diethyl Ether             | 2.136  | 74    | 34761    | 19.877   | ug/l       | 78       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 44570    | 19.456   | ug/l       | 97       |
| 10) Methyl Iodide            | 2.453  | 142   | 54671    | 18.034   | ug/l       | 92       |
| 11) Tert butyl alcohol       | 2.953  | 59    | 69744    | 108.978  | ug/l       | 97       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 43029    | 19.436   | ug/l       | 84       |
| 13) Acrolein                 | 2.233  | 56    | 60371    | 95.487   | ug/l       | 99       |
| 14) Allyl chloride           | 2.666  | 41    | 68068    | 18.460   | ug/l       | # 96     |
| 15) Acrylonitrile            | 3.062  | 53    | 137139   | 96.379   | ug/l       | 100      |
| 16) Acetone                  | 2.380  | 43    | 114739   | 79.996   | ug/l       | # 88     |
| 17) Carbon Disulfide         | 2.514  | 76    | 98706    | 17.782   | ug/l       | 99       |
| 18) Methyl Acetate           | 2.703  | 43    | 100101   | 19.346   | ug/l       | 93       |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 160014   | 19.648   | ug/l       | 98       |
| 20) Methylene Chloride       | 2.794  | 84    | 54895    | 20.687   | ug/l       | # 87     |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 48257    | 19.630   | ug/l       | 91       |
| 22) Diisopropyl ether        | 3.764  | 45    | 152475   | 19.852   | ug/l       | # 89     |
| 23) Vinyl Acetate            | 3.721  | 43    | 560562   | 99.223   | ug/l       | 96       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 88608    | 19.252   | ug/l       | 99       |
| 25) 2-Butanone               | 4.556  | 43    | 179456   | 88.662   | ug/l       | 92       |
| 26) 2,2-Dichloropropane      | 4.483  | 77    | 62007    | 16.673   | ug/l       | 95       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 58846    | 19.525   | ug/l       | 89       |
| 28) Bromochloromethane       | 4.897  | 49    | 40626    | 18.921   | ug/l       | # 80     |
| 29) Tetrahydrofuran          | 5.007  | 42    | 117797   | 93.565   | ug/l       | 90       |
| 30) Chloroform               | 5.099  | 83    | 96860    | 19.536   | ug/l       | 98       |
| 31) Cyclohexane              | 5.471  | 56    | 72943    | 19.061   | ug/l       | 93       |
| 32) 1,1,1-Trichloroethane    | 5.391  | 97    | 83751    | 19.950   | ug/l       | 97       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 66431    | 19.179   | ug/l       | 95       |
| 37) Ethyl Acetate            | 4.715  | 43    | 70833    | 18.602   | ug/l       | 96       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 70590    | 19.478   | ug/l       | 94       |
| 39) Methylcyclohexane        | 7.385  | 83    | 85208    | 19.383   | ug/l       | 93       |
| 40) Benzene                  | 6.044  | 78    | 206146   | 19.354   | ug/l       | 100      |

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 Sample : VX0919MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 20 01:07:41 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 16 04:55:44 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 37784    | 19.460  | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 75642    | 19.649  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 116535   | 19.139  | ug/l # | 96       |
| 44) Trichloroethene           | 7.129  | 130  | 55757    | 18.797  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 53587    | 19.373  | ug/l   | 95       |
| 46) Dibromomethane            | 7.586  | 93   | 39828    | 20.016  | ug/l   | 92       |
| 47) Bromodichloromethane      | 7.824  | 83   | 73598    | 20.084  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.696  | 41   | 55977    | 19.231  | ug/l # | 87       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 27817    | 364.535 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 374966   | 97.064  | ug/l   | 95       |
| 52) Toluene                   | 8.720  | 92   | 133952   | 19.514  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 74593    | 19.467  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 82177    | 19.378  | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 57970    | 20.030  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 85194    | 19.718  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 92470    | 19.744  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 194238   | 96.274  | ug/l   | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 280027   | 93.100  | ug/l   | 93       |
| 60) Dibromochloromethane      | 9.525  | 129  | 56564    | 19.619  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 61239    | 19.985  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 48072    | 19.650  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 148579   | 19.202  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 53576    | 19.539  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 261873   | 19.521  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 204851   | 39.518  | ug/l   | 95       |
| 69) o-Xylene                  | 10.640 | 106  | 100420   | 19.318  | ug/l   | 96       |
| 70) Styrene                   | 10.659 | 104  | 165410   | 19.821  | ug/l   | 96       |
| 71) Bromoform                 | 10.799 | 173  | 41294    | 19.064  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 262203   | 18.455  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.842 | 43   | 105559   | 18.345  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 93807    | 18.774  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 94785    | 21.162  | ug/l   | 91       |
| 77) Bromobenzene              | 11.201 | 156  | 66741    | 18.979  | ug/l   | 87       |
| 78) n-propylbenzene           | 11.305 | 91   | 308005   | 19.196  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 181709   | 18.367  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 226007   | 18.836  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 23538    | 16.834  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 211844   | 19.020  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 226567   | 18.684  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 225645   | 18.902  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 285965   | 19.438  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 236344   | 19.282  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 126928   | 19.363  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 127589   | 19.021  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 219293   | 20.423  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 37109    | 17.869  | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 126625   | 18.920  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 18406    | 18.479  | ug/l   | 75       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 83960    | 21.297  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 37556    | 20.399  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 272769   | 20.458  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 84304    | 20.780  | ug/l   | 97       |

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ALS Vial : 25 Sample Multiplier: 1

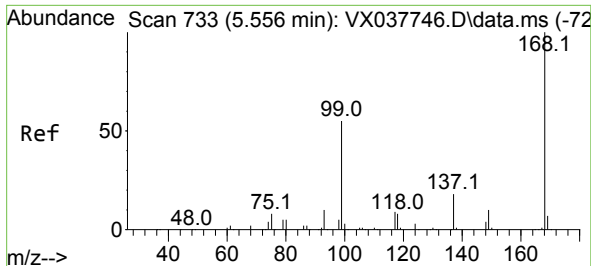
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Sep 20 01:07:41 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 16 04:55:44 2023  
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: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

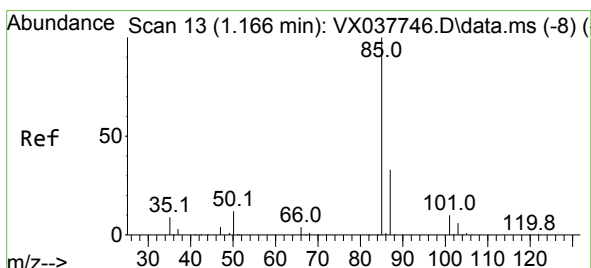
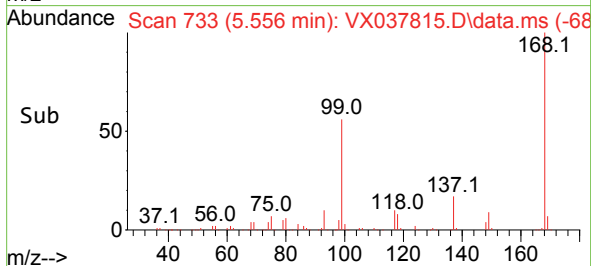
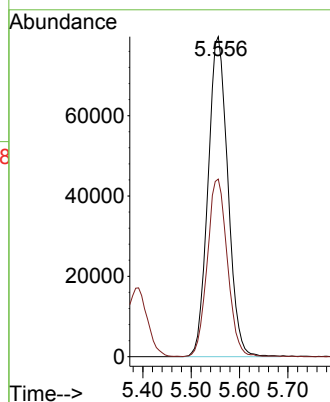
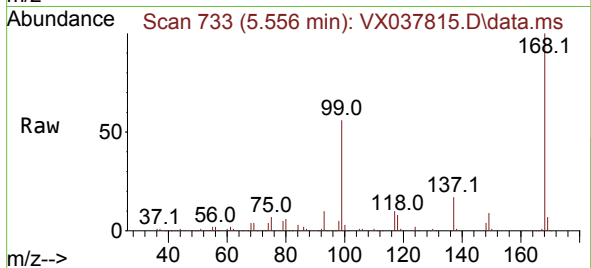
ClientSampleId :

Tgt Ion:168 Resp: 226932

Ion Ratio Lower Upper

168 100

99 55.4 56.6 85.0#



#2

Dichlorodifluoromethane

Concen: 18.556 ug/l

RT: 1.166 min Scan# 13

Delta R.T. -0.000 min

Lab File: VX037815.D

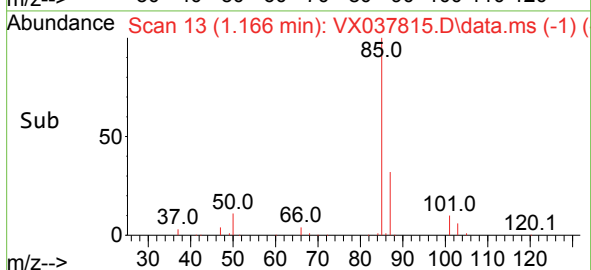
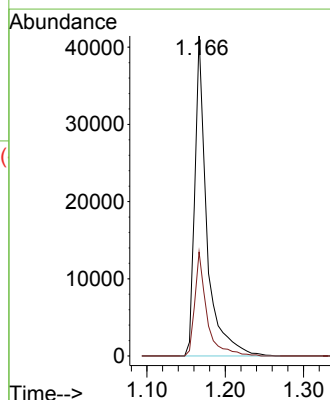
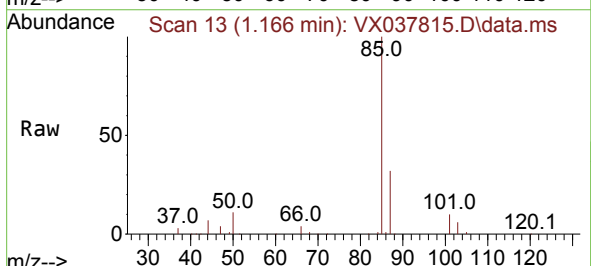
Acq: 19 Sep 2023 18:46

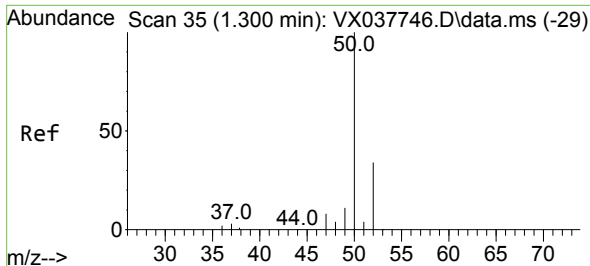
Tgt Ion: 85 Resp: 44385

Ion Ratio Lower Upper

85 100

87 32.5 16.7 50.1

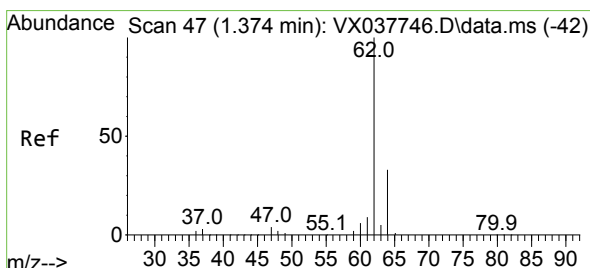
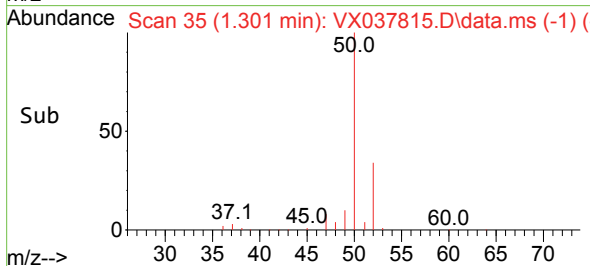
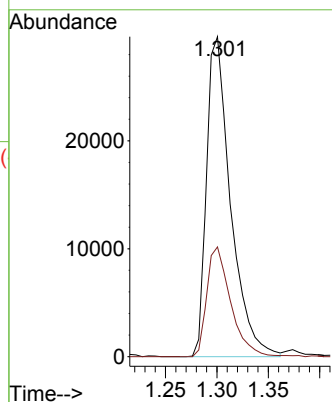
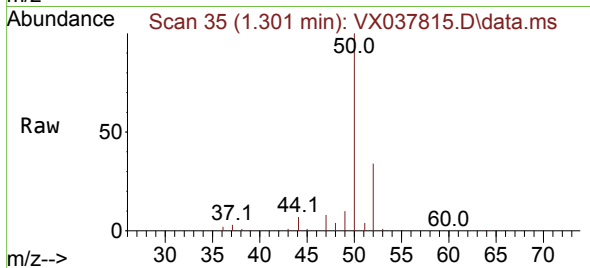




#3  
Chloromethane  
Concen: 18.536 ug/l  
RT: 1.301 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

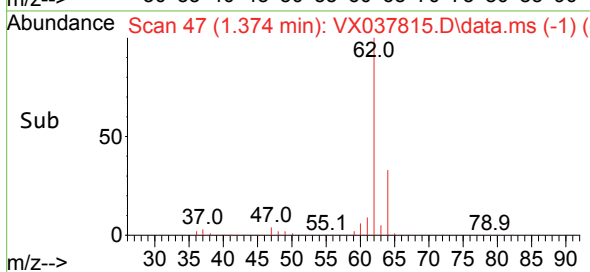
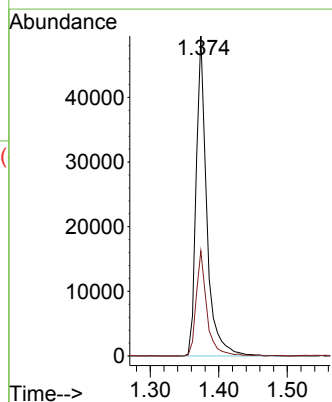
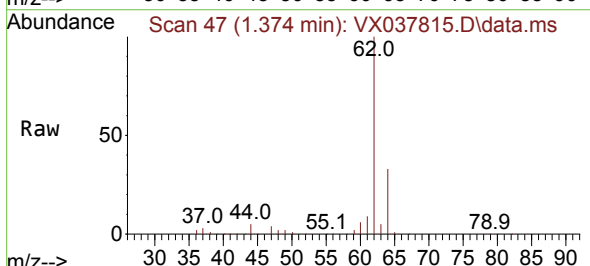
Instrument :  
MSVOA\_X  
ClientSampleId :

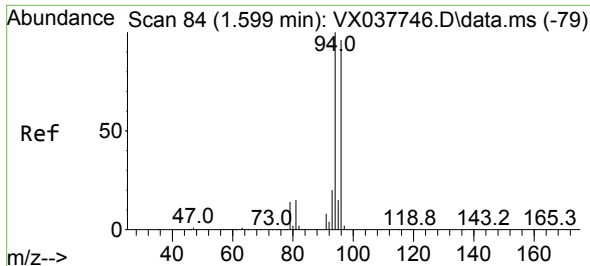
Tgt Ion: 50 Resp: 48240  
Ion Ratio Lower Upper  
50 100  
52 34.3 25.5 38.3



#4  
Vinyl Chloride  
Concen: 19.028 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Tgt Ion: 62 Resp: 53425  
Ion Ratio Lower Upper  
62 100  
64 32.9 25.4 38.0

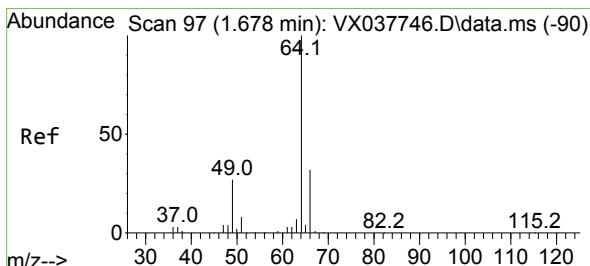
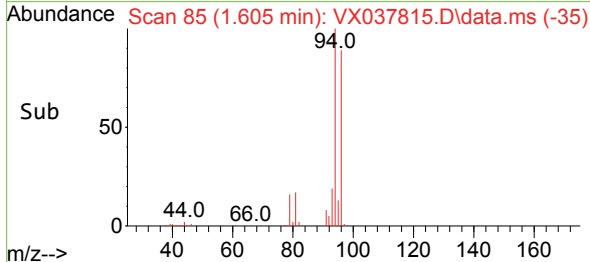
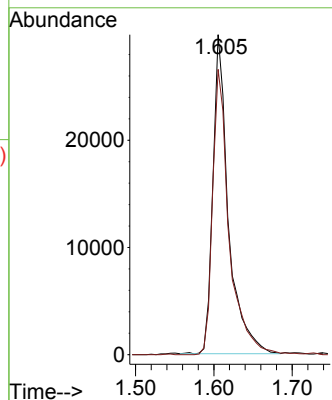
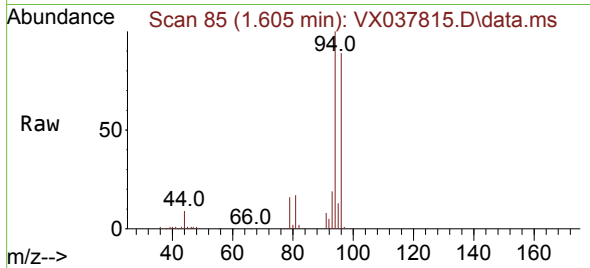




#5  
Bromomethane  
Concen: 20.364 ug/l  
RT: 1.605 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

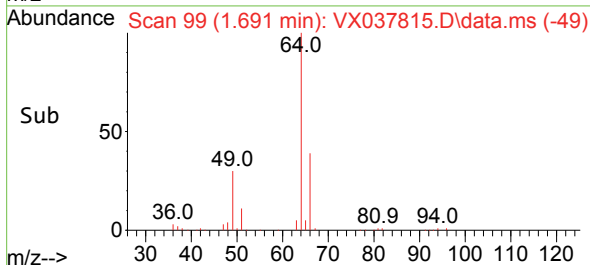
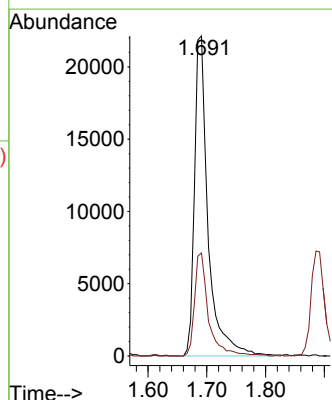
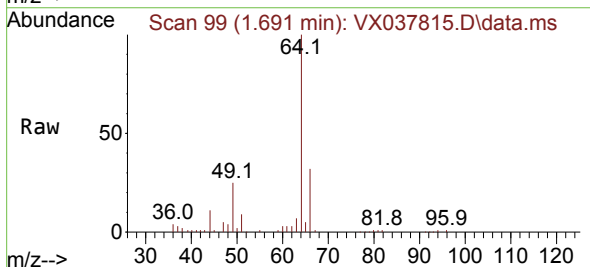
Instrument :  
MSVOA\_X  
ClientSampleId :

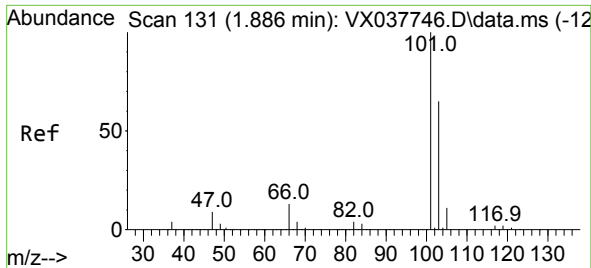
Tgt Ion: 94 Resp: 40932  
Ion Ratio Lower Upper  
94 100  
96 89.4 74.6 111.8



#6  
Chloroethane  
Concen: 18.387 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Tgt Ion: 64 Resp: 35564  
Ion Ratio Lower Upper  
64 100  
66 32.2 25.1 37.7

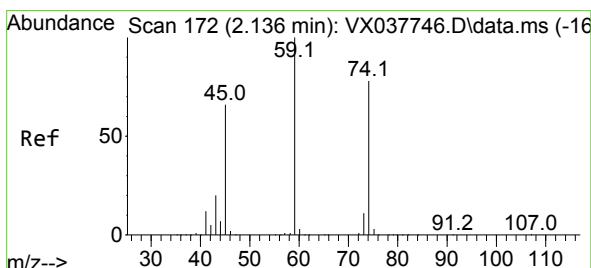
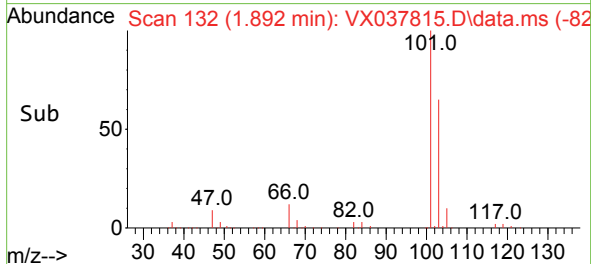
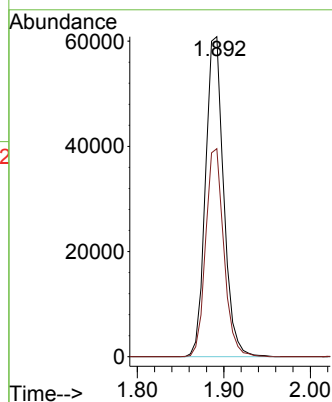
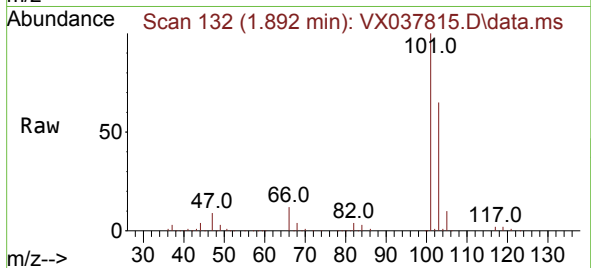




#7  
 Trichlorofluoromethane  
 Concen: 19.627 ug/l  
 RT: 1.892 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX037815.D  
 Acq: 19 Sep 2023 18:46

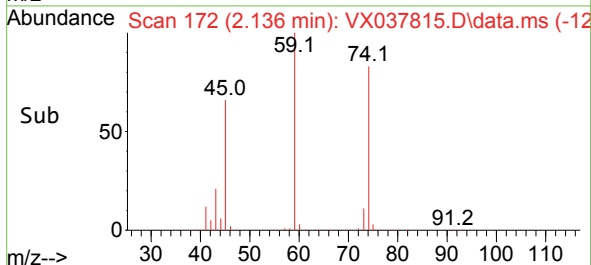
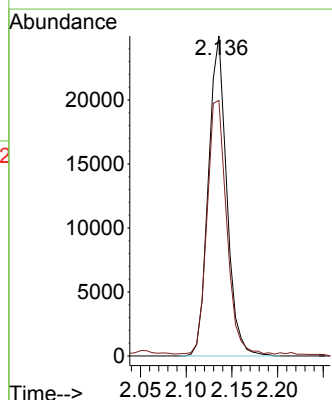
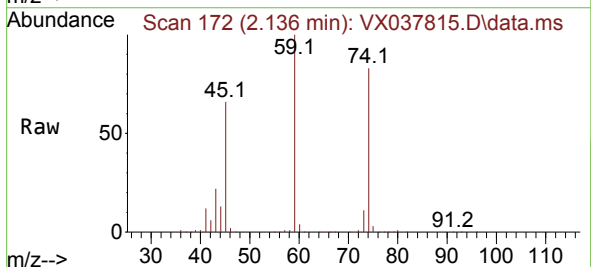
Instrument :  
 MSVOA\_X  
 ClientSampleId :

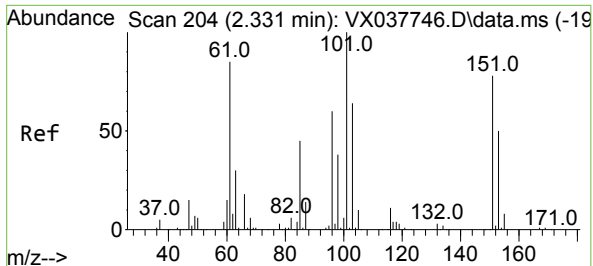
Tgt Ion:101 Resp: 88593  
 Ion Ratio Lower Upper  
 101 100  
 103 65.0 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 19.877 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.006 min  
 Lab File: VX037815.D  
 Acq: 19 Sep 2023 18:46

Tgt Ion: 74 Resp: 34761  
 Ion Ratio Lower Upper  
 74 100  
 45 84.1 53.3 159.8

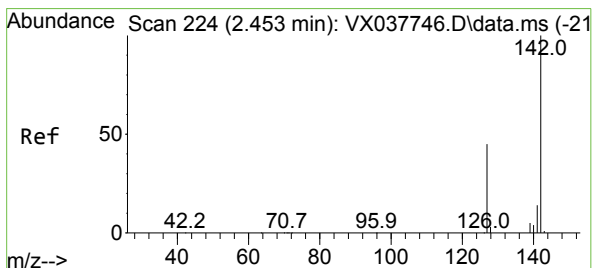
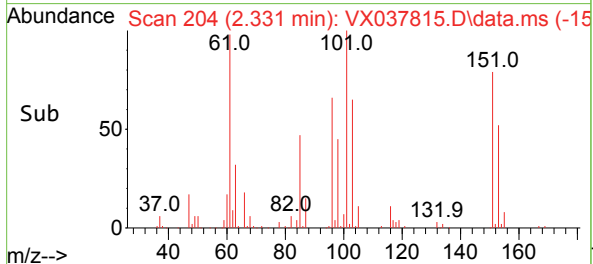
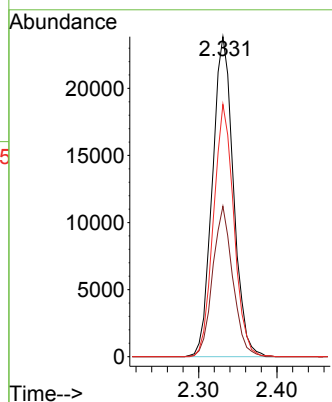
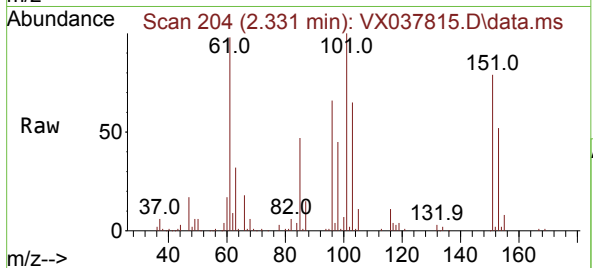




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.456 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

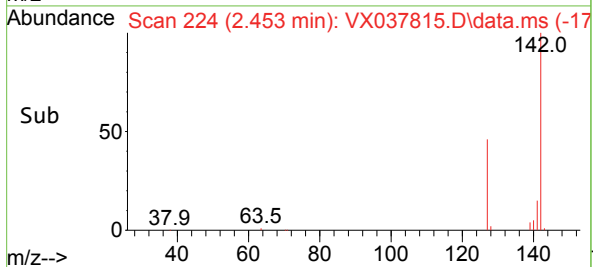
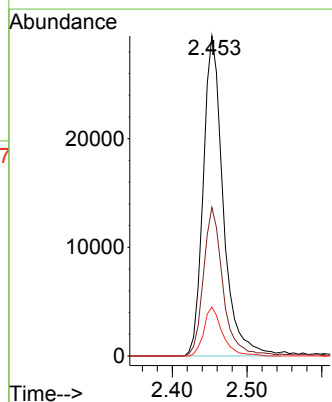
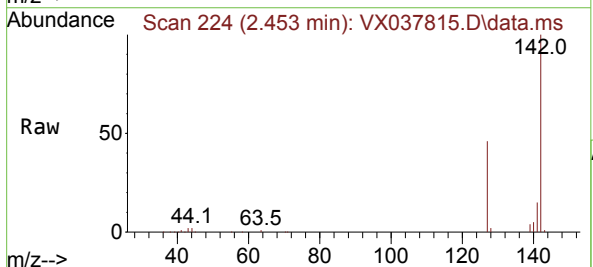
Instrument :  
MSVOA\_X  
ClientSampleId :

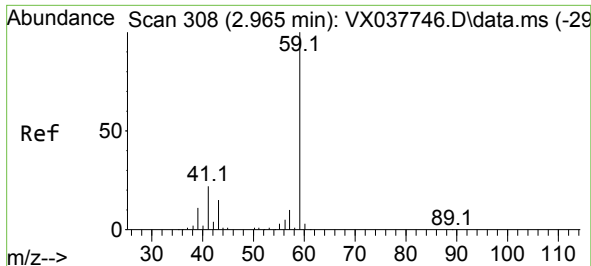
Tgt Ion:101 Resp: 44570  
Ion Ratio Lower Upper  
101 100  
85 44.8 37.0 55.6  
151 76.2 58.6 87.8



#10  
Methyl Iodide  
Concen: 18.034 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Tgt Ion:142 Resp: 54671  
Ion Ratio Lower Upper  
142 100  
127 45.2 41.6 62.4  
141 14.2 11.6 17.4

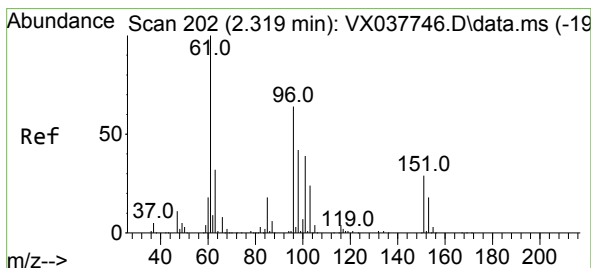
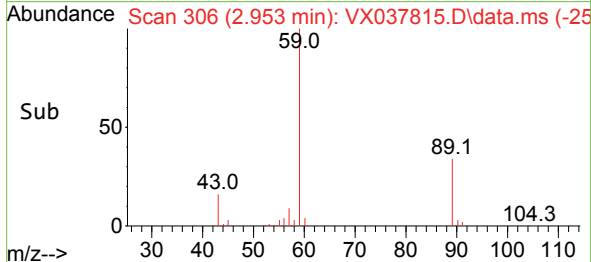
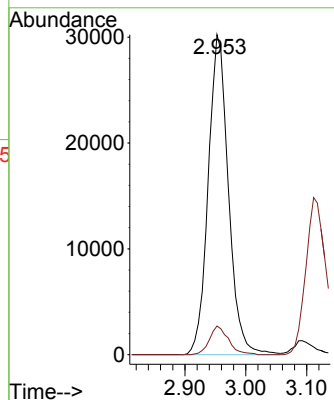
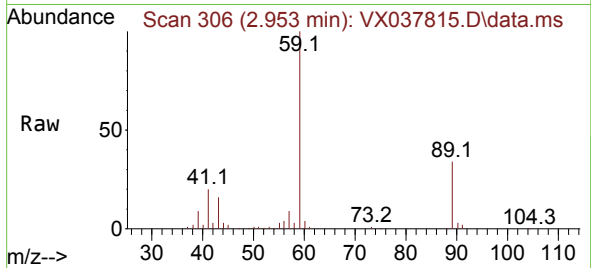




#11  
Tert butyl alcohol  
Concen: 108.978 ug/l  
RT: 2.953 min Scan# 308  
Delta R.T. -0.012 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

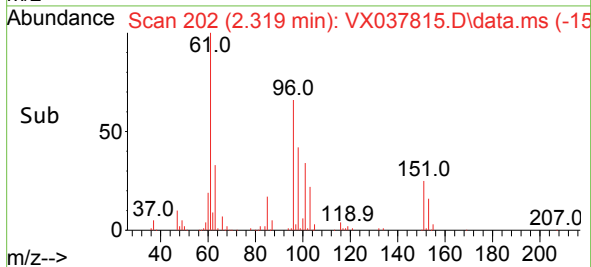
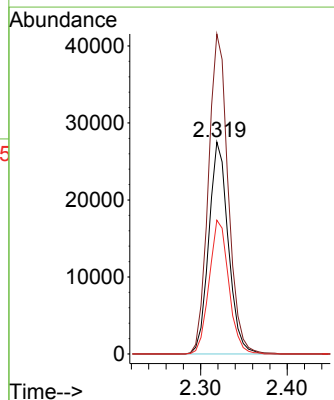
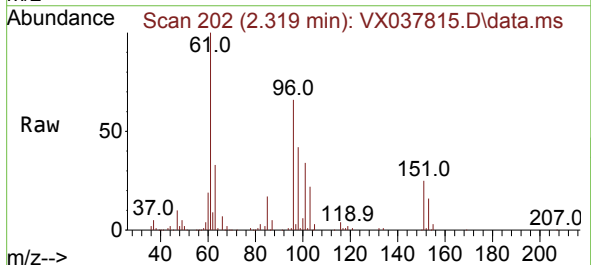
Instrument :  
MSVOA\_X  
ClientSampleId :

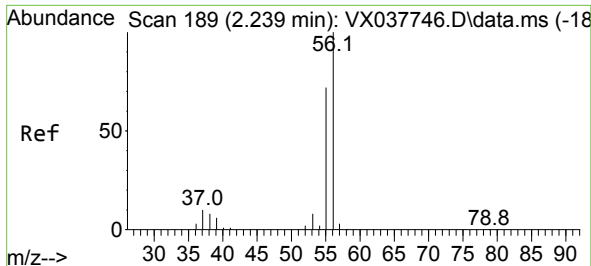
Tgt Ion: 59 Resp: 69744  
Ion Ratio Lower Upper  
59 100  
57 8.4 6.0 9.0



#12  
1,1-Dichloroethene  
Concen: 19.436 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Tgt Ion: 96 Resp: 43029  
Ion Ratio Lower Upper  
96 100  
61 150.9 144.6 216.8  
98 63.1 50.4 75.6





#13

Acrolein

Concen: 95.487 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

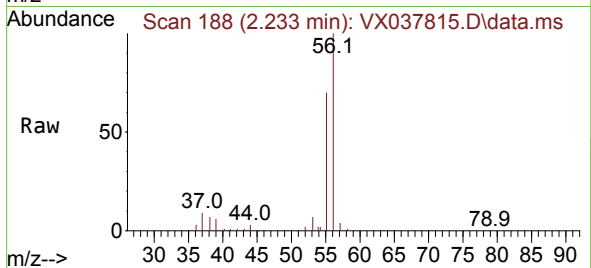
Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

ClientSampleId :

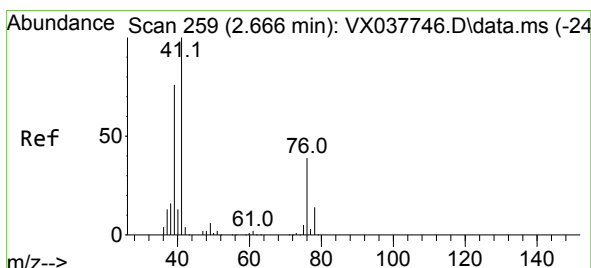
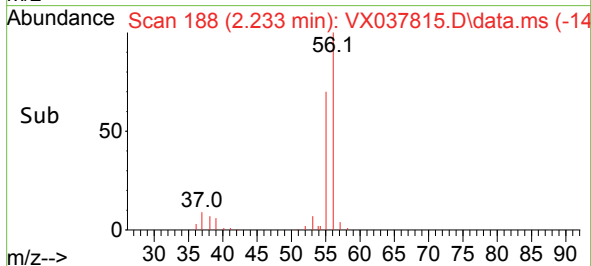
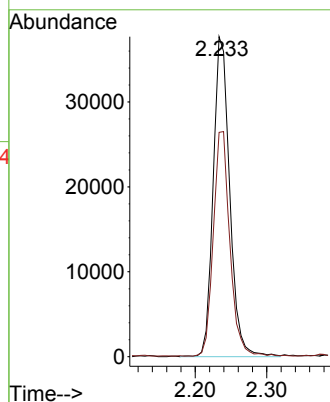


Tgt Ion: 56 Resp: 60371

Ion Ratio Lower Upper

56 100

55 70.6 57.1 85.7



#14

Allyl chloride

Concen: 18.460 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

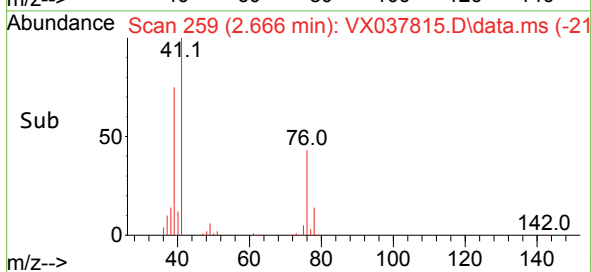
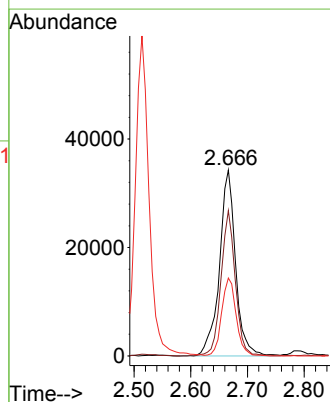
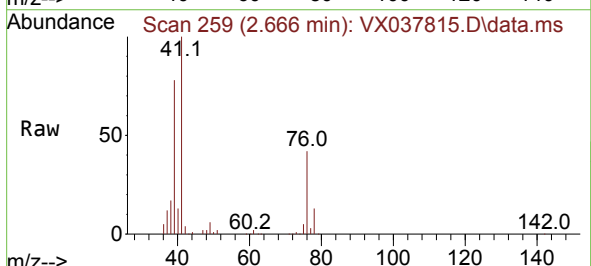
Tgt Ion: 41 Resp: 68068

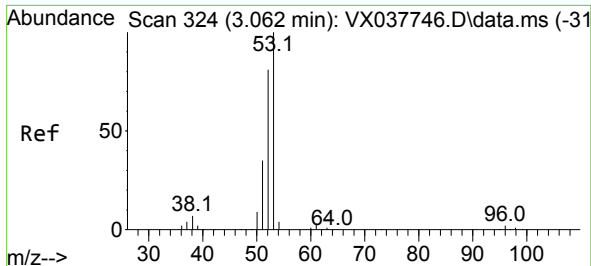
Ion Ratio Lower Upper

41 100

39 69.3 55.8 83.6

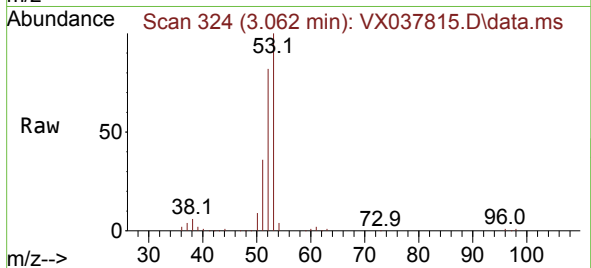
76 37.5 24.3 36.5#



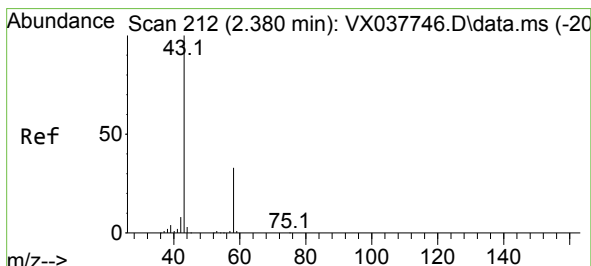
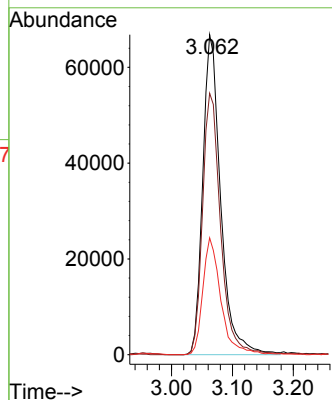
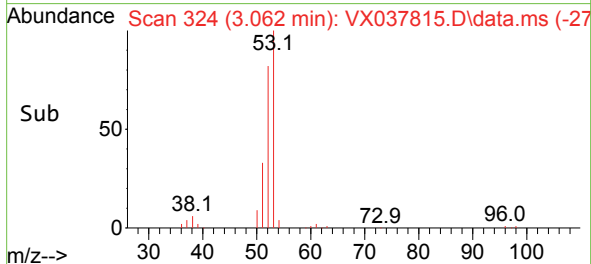


#15  
Acrylonitrile  
Concen: 96.379 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Instrument :  
MSVOA\_X  
ClientSampleId :

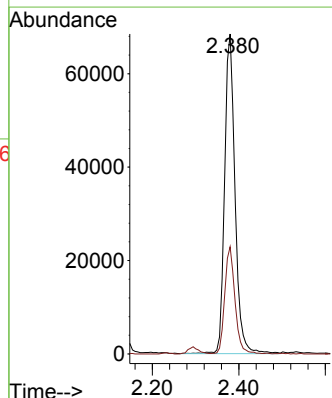
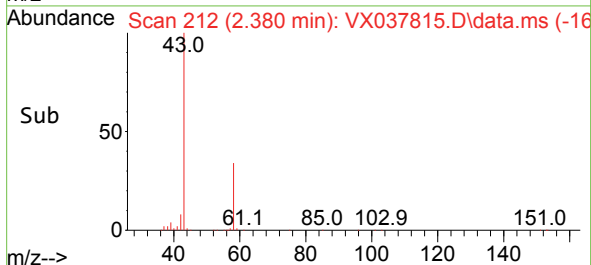
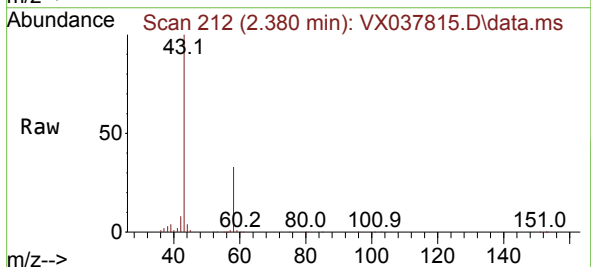


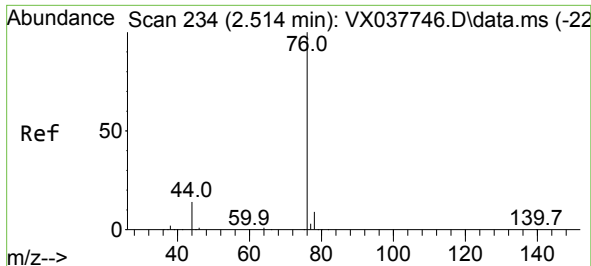
Tgt Ion: 53 Resp: 137139  
Ion Ratio Lower Upper  
53 100  
52 82.4 66.0 99.0  
51 37.0 29.8 44.6



#16  
Acetone  
Concen: 79.996 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Tgt Ion: 43 Resp: 114739  
Ion Ratio Lower Upper  
43 100  
58 33.4 21.9 32.9#





#17

Carbon Disulfide

Concen: 17.782 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

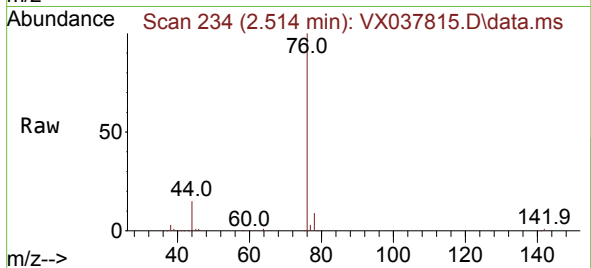
Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

ClientSampleId :

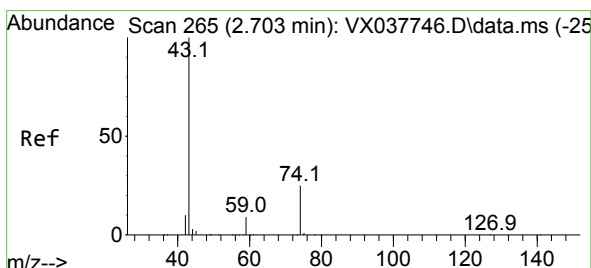
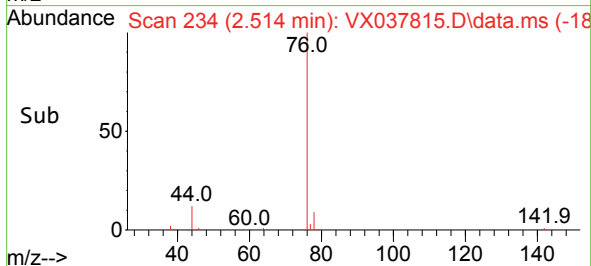
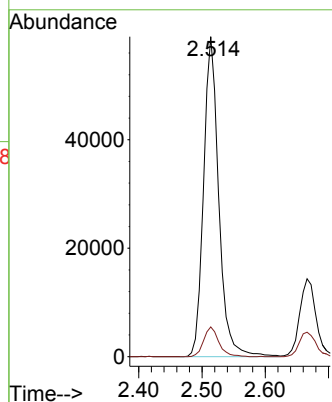


Tgt Ion: 76 Resp: 98706

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



#18

Methyl Acetate

Concen: 19.346 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037815.D

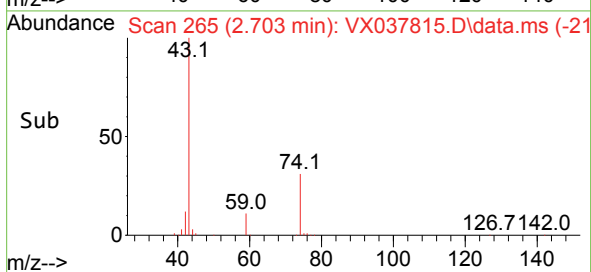
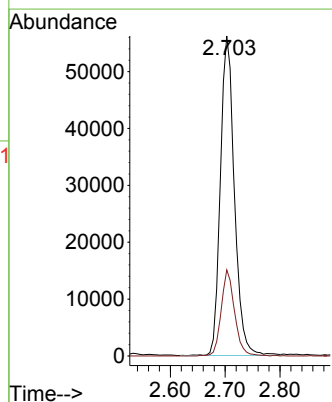
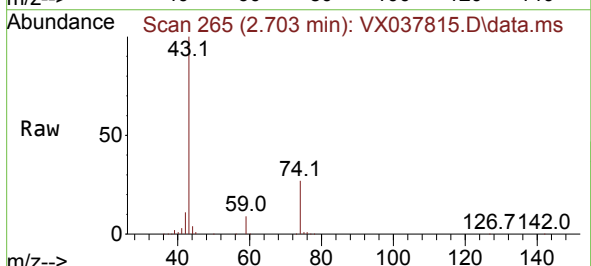
Acq: 19 Sep 2023 18:46

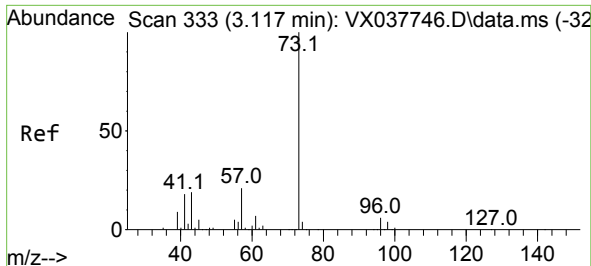
Tgt Ion: 43 Resp: 100101

Ion Ratio Lower Upper

43 100

74 25.7 17.8 26.8

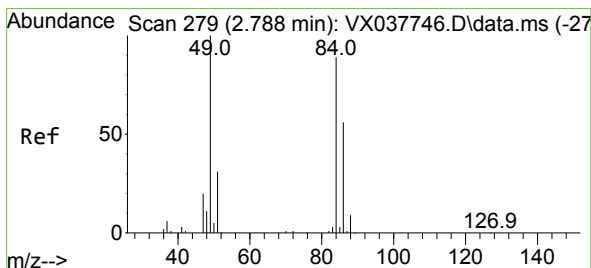
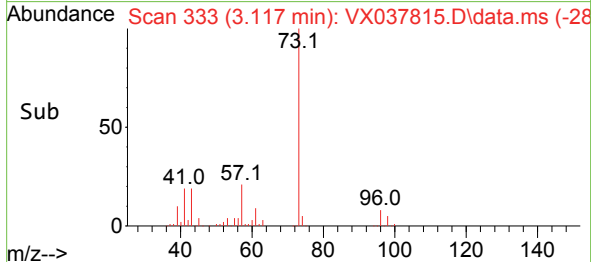
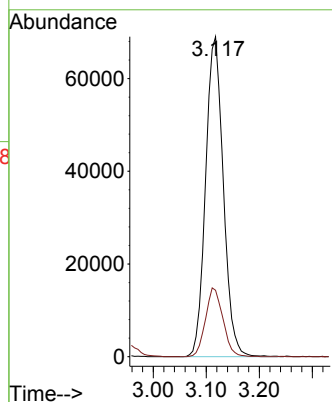
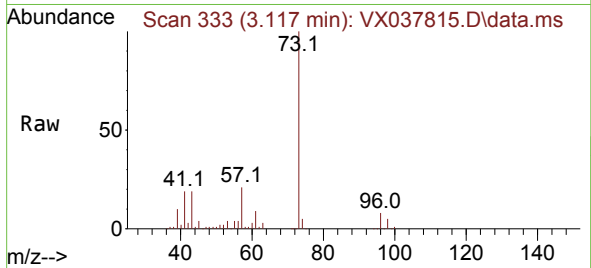




#19  
Methyl tert-butyl Ether  
Concen: 19.648 ug/l  
RT: 3.117 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

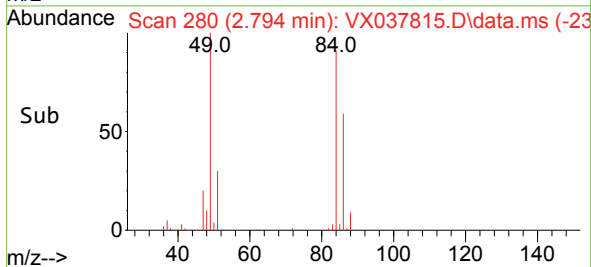
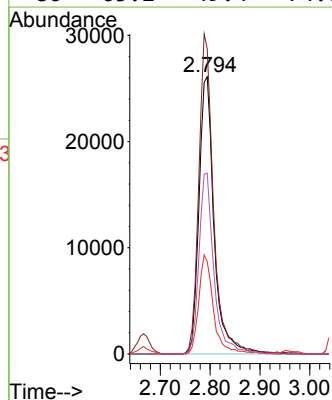
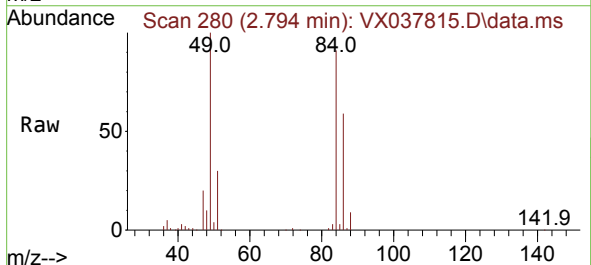
Instrument :  
MSVOA\_X  
ClientSampleId :

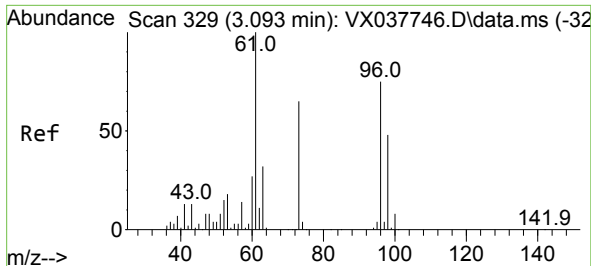
Tgt Ion: 73 Resp: 160014  
Ion Ratio Lower Upper  
73 100  
57 20.8 17.3 25.9



#20  
Methylene Chloride  
Concen: 20.687 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Tgt Ion: 84 Resp: 54895  
Ion Ratio Lower Upper  
84 100  
49 110.1 103.6 155.4  
51 33.3 33.8 50.6#  
86 65.2 49.4 74.0

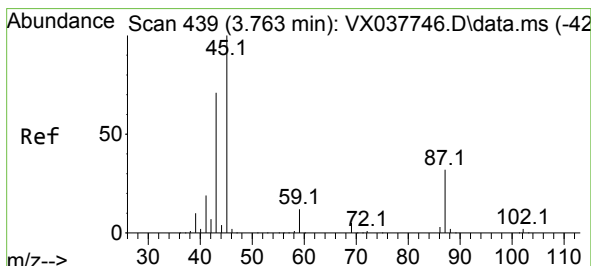
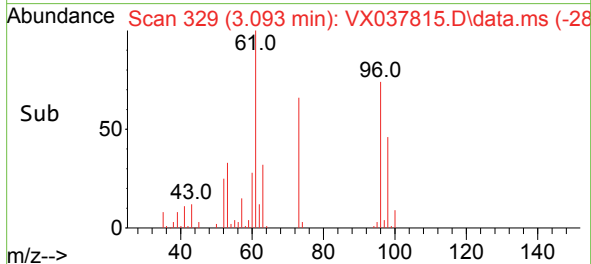
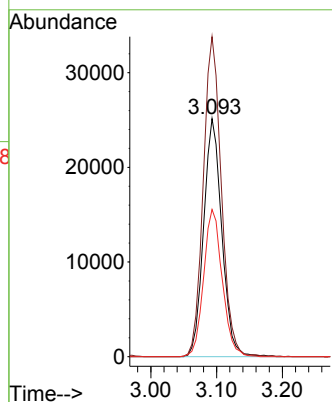
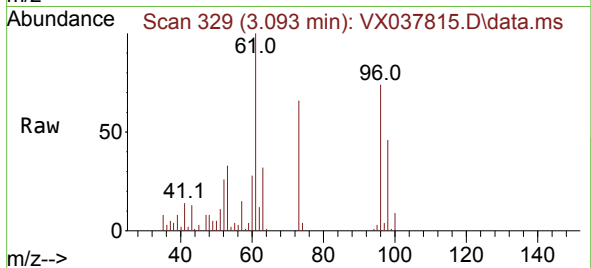




#21  
trans-1,2-Dichloroethene  
Concen: 19.630 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

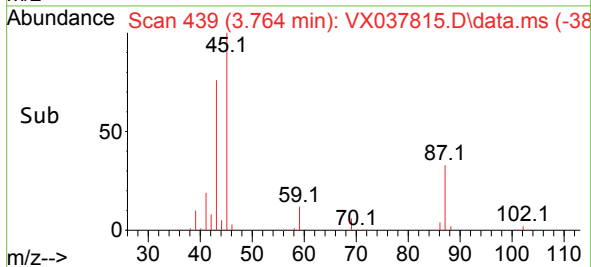
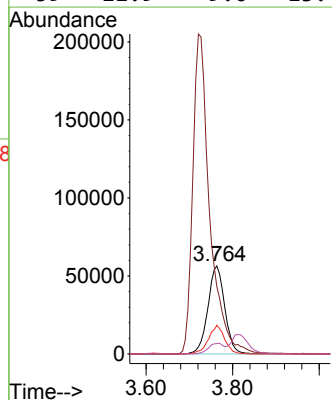
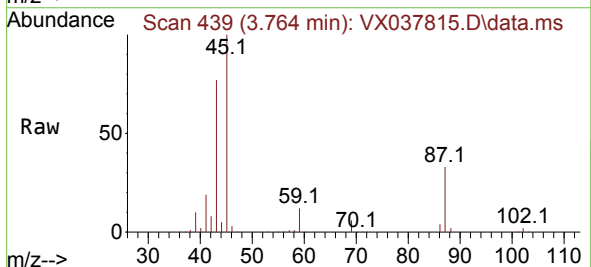
Instrument :  
MSVOA\_X  
ClientSampleId :

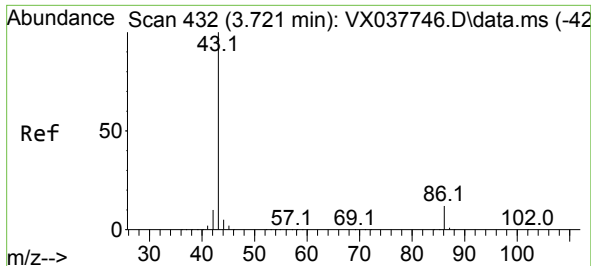
Tgt Ion: 96 Resp: 48257  
Ion Ratio Lower Upper  
96 100  
61 134.4 119.2 178.8  
98 61.8 48.7 73.1



#22  
Diisopropyl ether  
Concen: 19.852 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Tgt Ion: 45 Resp: 152475  
Ion Ratio Lower Upper  
45 100  
43 75.8 69.7 104.5  
87 32.5 20.8 31.2#  
59 11.9 9.0 13.4

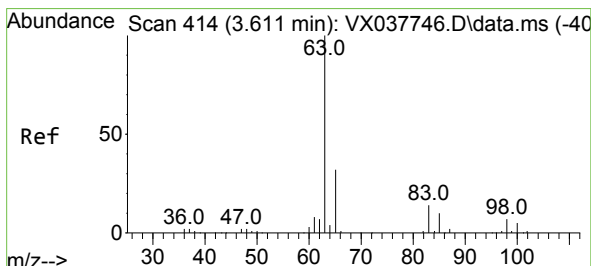
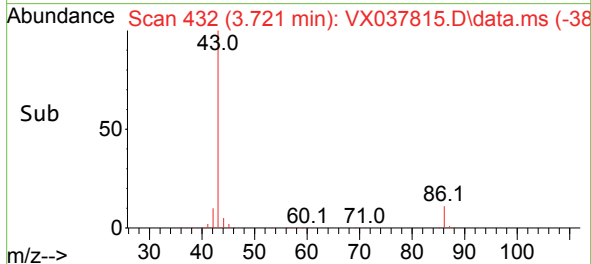
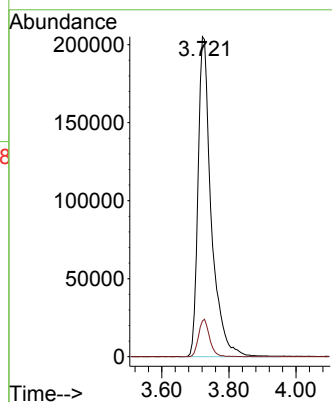
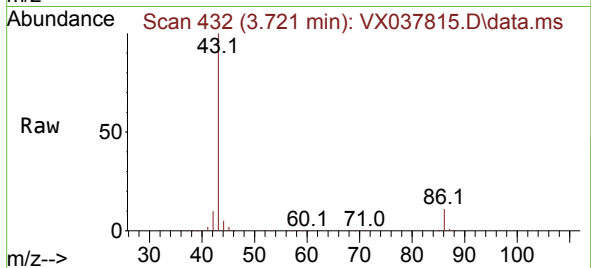




#23  
 Vinyl Acetate  
 Concen: 99.223 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: VX037815.D  
 Acq: 19 Sep 2023 18:46

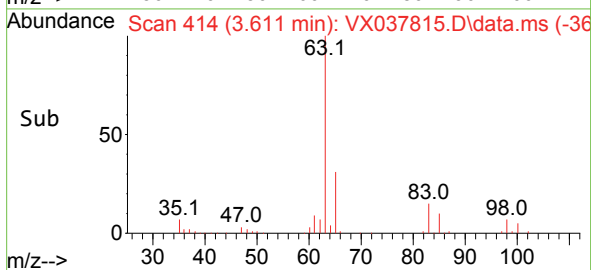
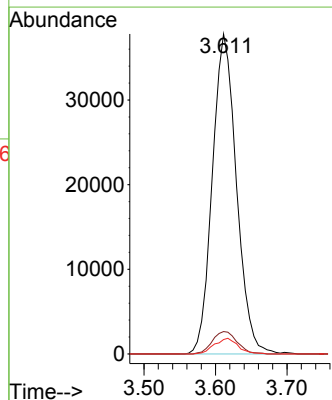
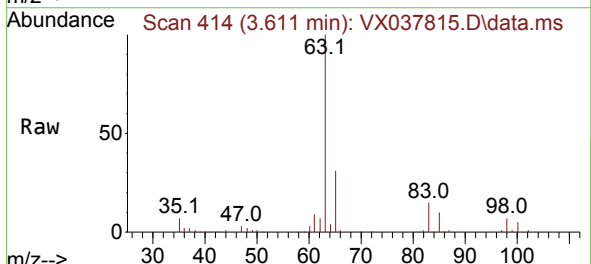
Instrument :  
 MSVOA\_X  
 ClientSampleId :

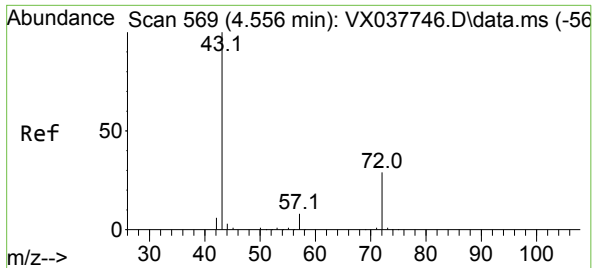
Tgt Ion: 43 Resp: 560562  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 19.252 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX037815.D  
 Acq: 19 Sep 2023 18:46

Tgt Ion: 63 Resp: 88608  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.3 9.8  
 100 4.5 2.1 6.5

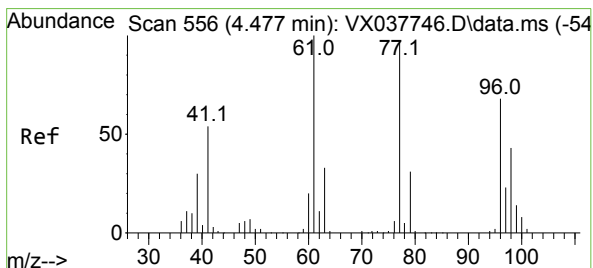
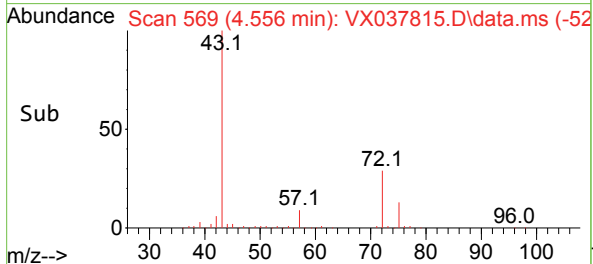
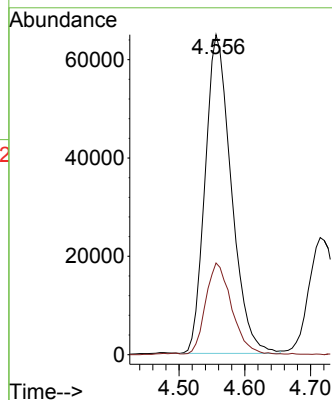
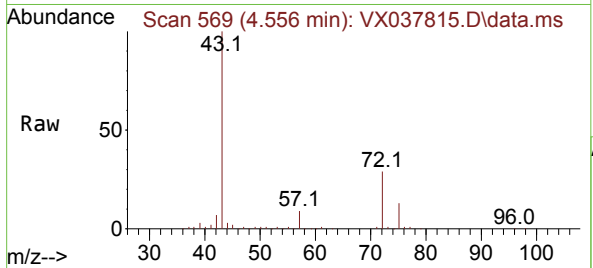




#25  
2-Butanone  
Concen: 88.662 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. -0.012 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

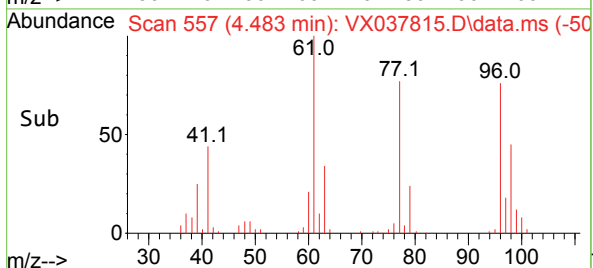
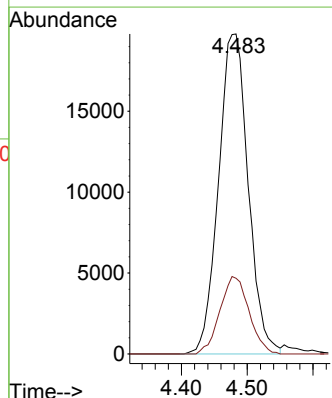
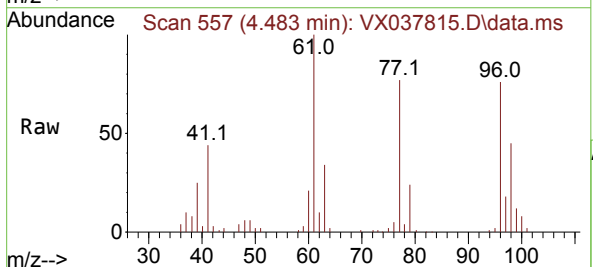
Instrument :  
MSVOA\_X  
ClientSampleId :

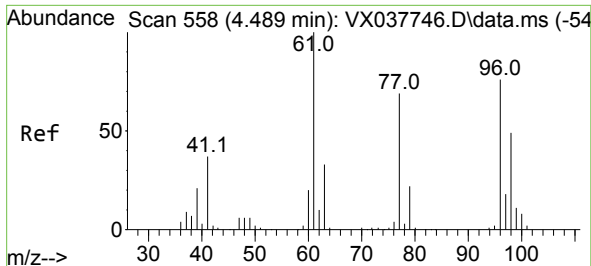
Tgt Ion: 43 Resp: 179456  
Ion Ratio Lower Upper  
43 100  
72 28.5 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 16.673 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. 0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Tgt Ion: 77 Resp: 62007  
Ion Ratio Lower Upper  
77 100  
97 23.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.525 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

ClientSampleId :

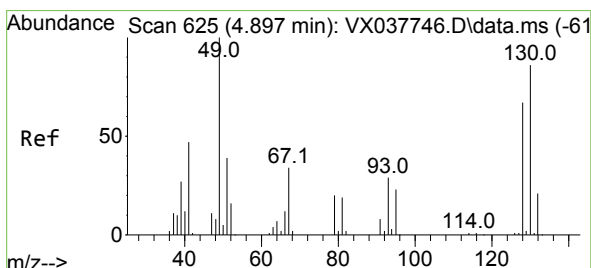
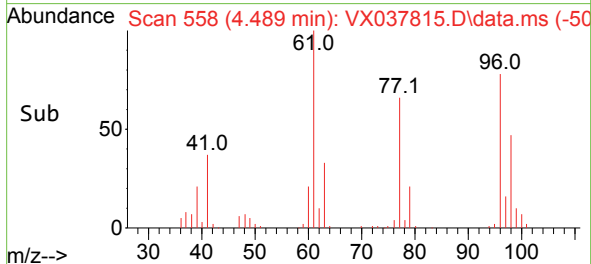
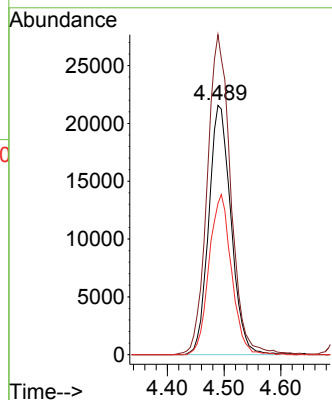
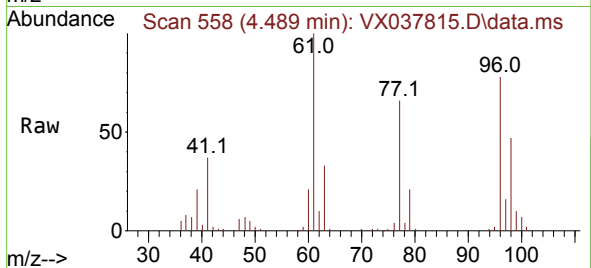
Tgt Ion: 96 Resp: 58846

Ion Ratio Lower Upper

96 100

61 135.4 0.0 312.2

98 64.5 0.0 129.0



#28

Bromochloromethane

Concen: 18.921 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

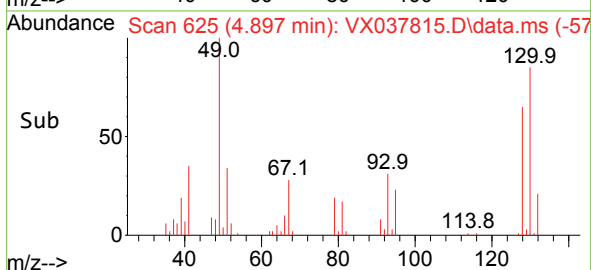
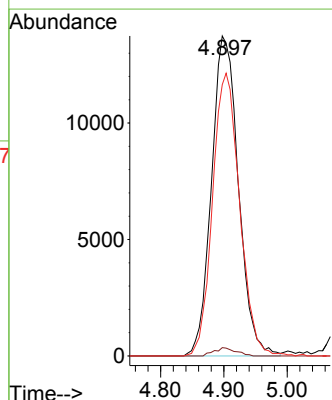
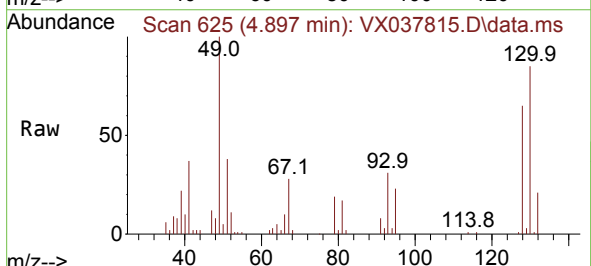
Tgt Ion: 49 Resp: 40626

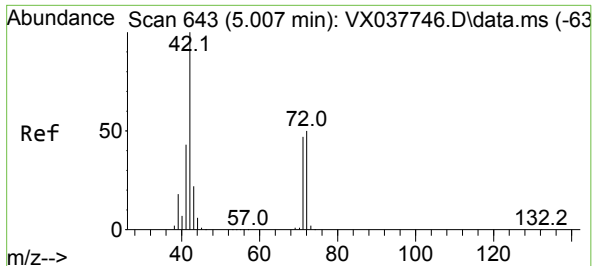
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 88.7 57.5 86.3#

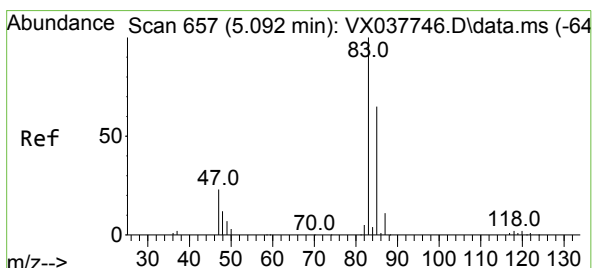
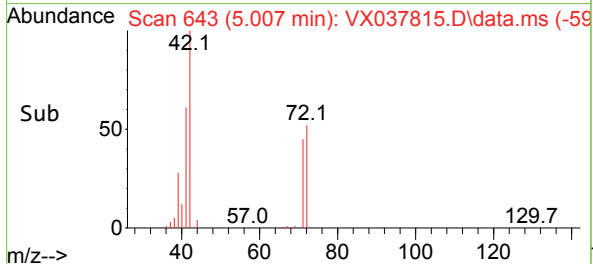
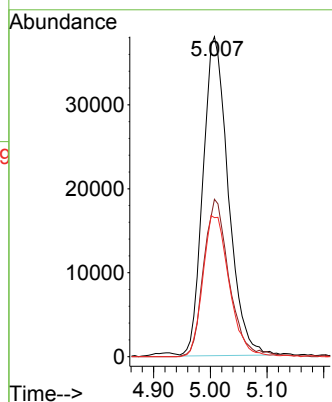
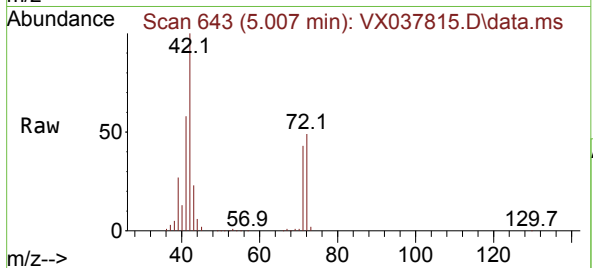




#29  
Tetrahydrofuran  
Concen: 93.565 ug/l  
RT: 5.007 min Scan# 643  
Delta R.T. -0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

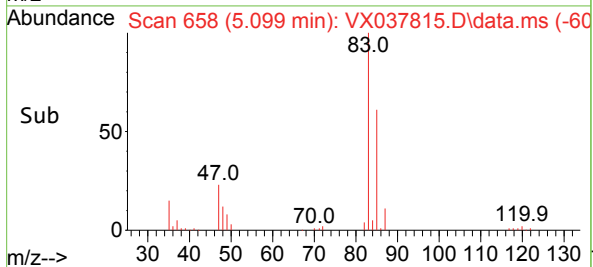
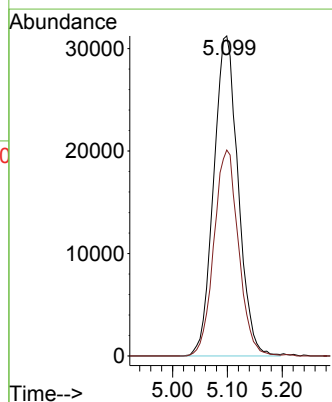
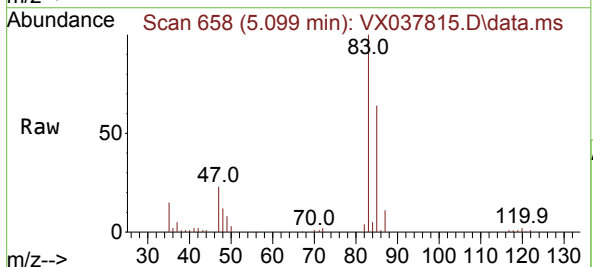
Instrument :  
MSVOA\_X  
ClientSampleId :

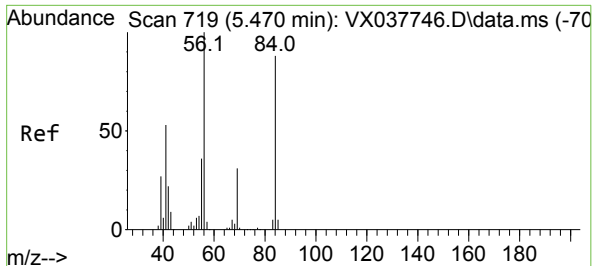
Tgt Ion: 42 Resp: 117797  
Ion Ratio Lower Upper  
42 100  
72 50.0 34.2 51.4  
71 46.1 32.2 48.2



#30  
Chloroform  
Concen: 19.536 ug/l  
RT: 5.099 min Scan# 658  
Delta R.T. 0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

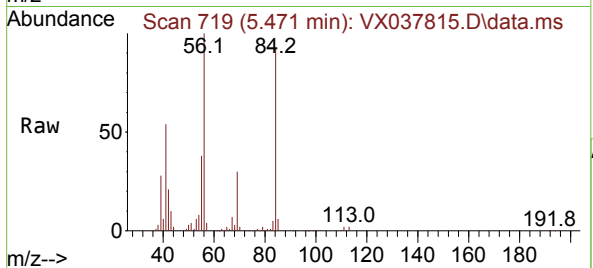
Tgt Ion: 83 Resp: 96860  
Ion Ratio Lower Upper  
83 100  
85 64.3 50.3 75.5



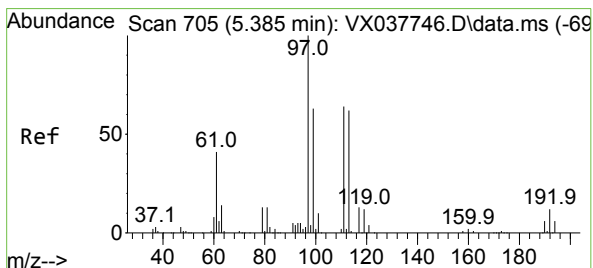
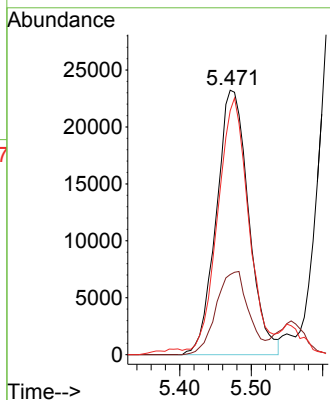
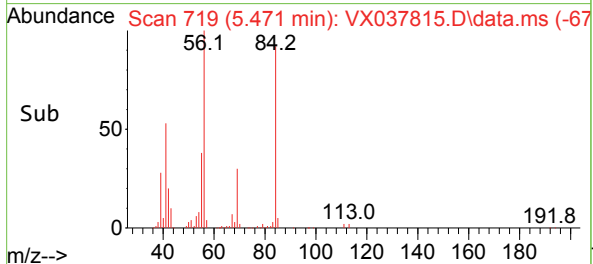


#31  
Cyclohexane  
Concen: 19.061 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Instrument :  
MSVOA\_X  
ClientSampleId :

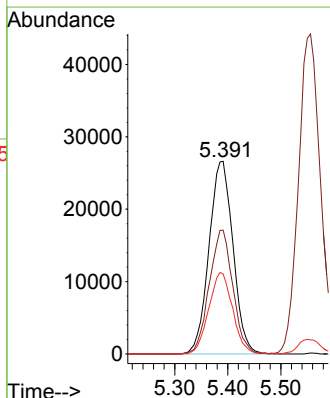
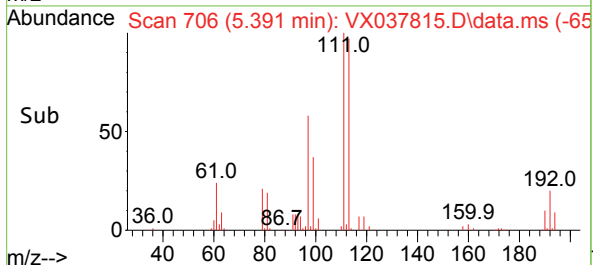
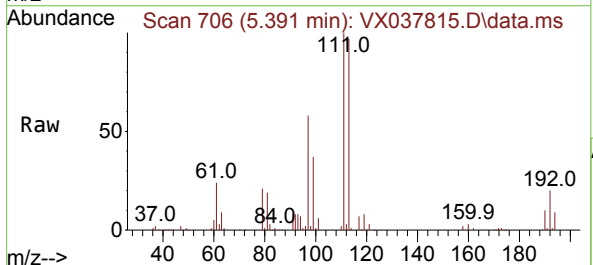


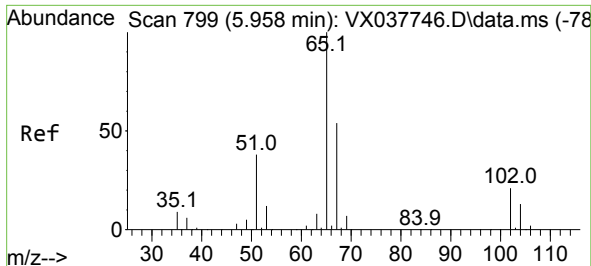
Tgt Ion: 56 Resp: 72943  
Ion Ratio Lower Upper  
56 100  
69 30.3 23.4 35.2  
84 90.1 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 19.950 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.012 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Tgt Ion: 97 Resp: 83751  
Ion Ratio Lower Upper  
97 100  
99 63.0 51.1 76.7  
61 41.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 53.097 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

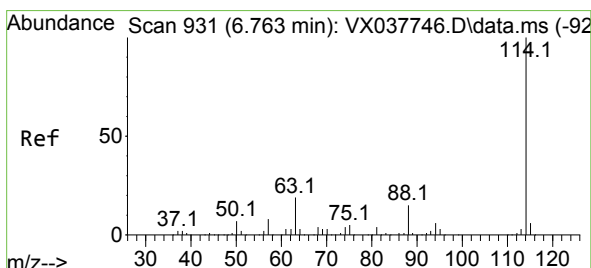
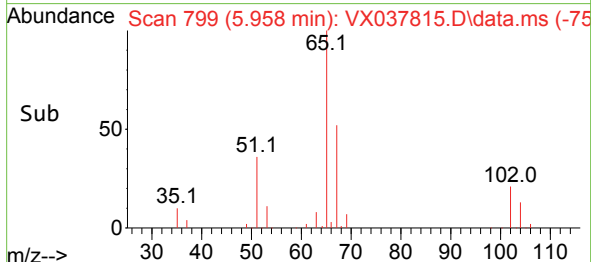
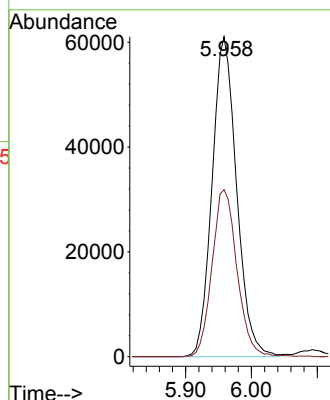
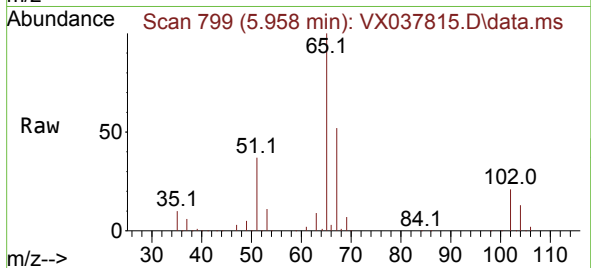
ClientSampleId :

Tgt Ion: 65 Resp: 158310

Ion Ratio Lower Upper

65 100

67 53.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

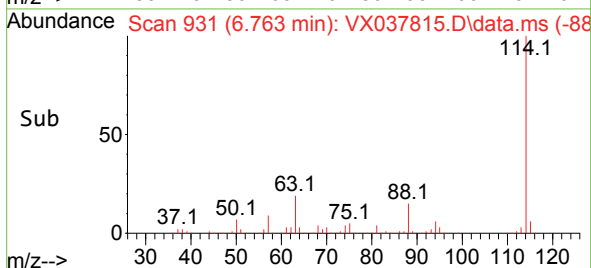
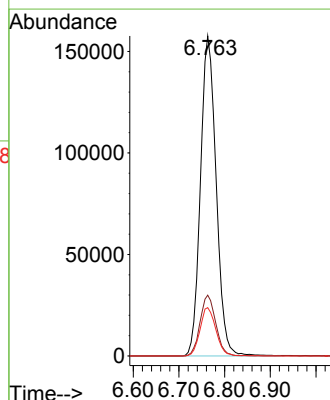
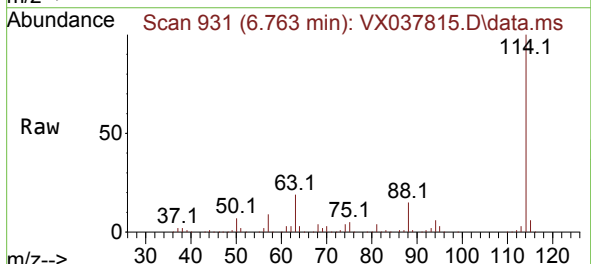
Tgt Ion: 114 Resp: 375786

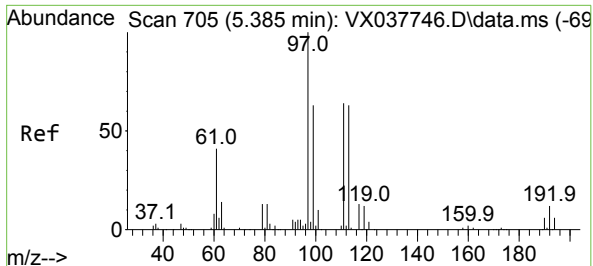
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

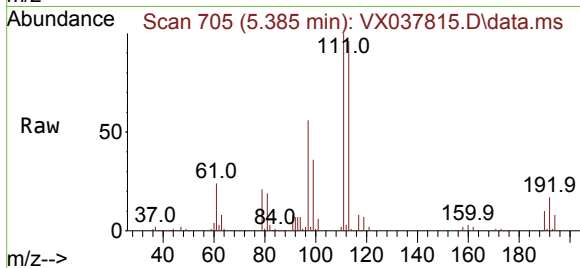
88 15.1 0.0 36.6



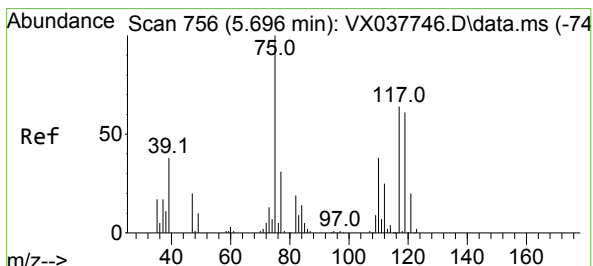
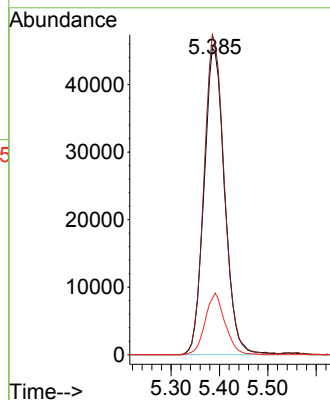
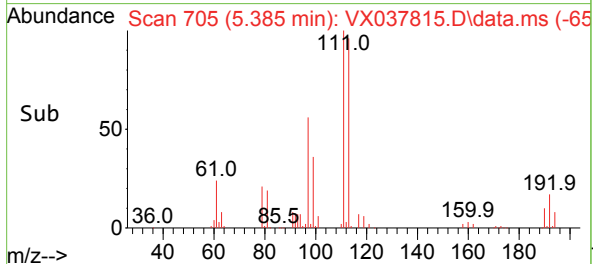


#35  
Dibromofluoromethane  
Concen: 53.531 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Instrument :  
MSVOA\_X  
ClientSampleId :

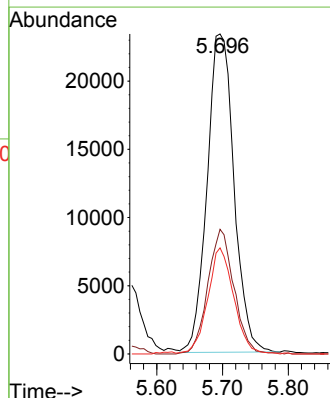
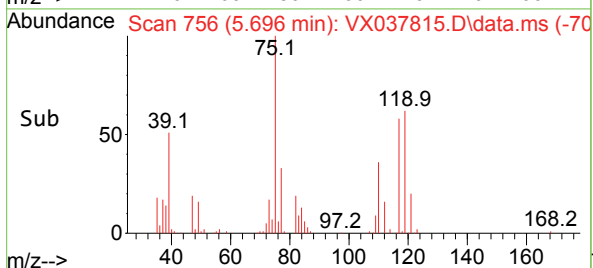
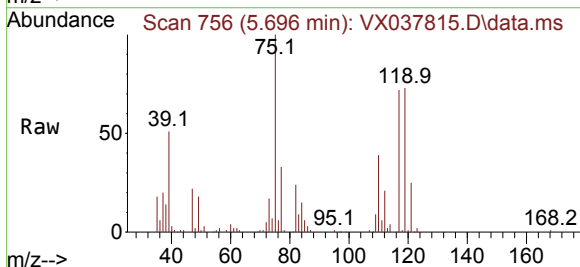


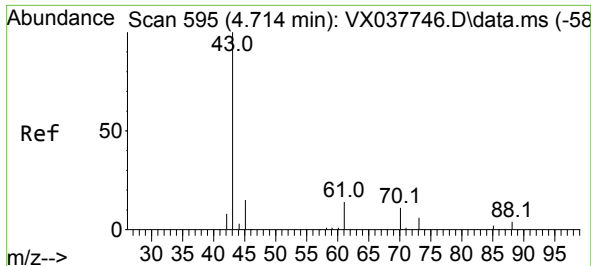
Tgt Ion:113 Resp: 134598  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.9 124.3  
192 19.2 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 19.179 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Tgt Ion: 75 Resp: 66431  
Ion Ratio Lower Upper  
75 100  
110 38.0 17.0 50.9  
77 32.2 24.7 37.1





#37

Ethyl Acetate

Concen: 18.602 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.018 min

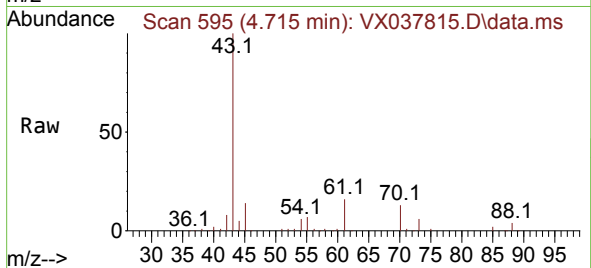
Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

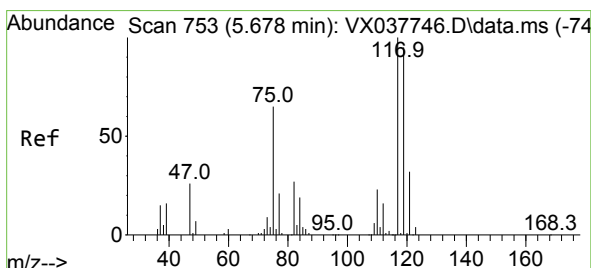
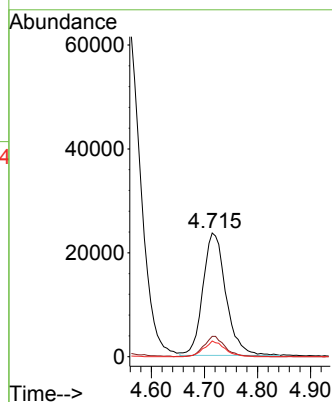
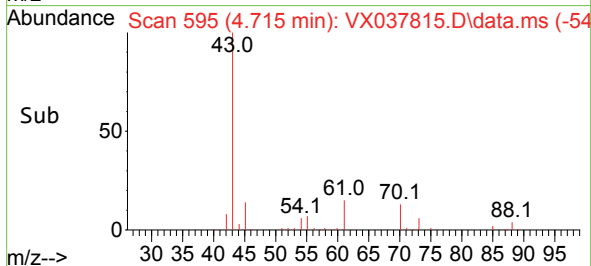
Instrument :

MSVOA\_X

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 70833 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 15.4  | 10.6  | 16.0  |
| 70       | 11.6  | 8.3   | 12.5  |



#38

Carbon Tetrachloride

Concen: 19.478 ug/l

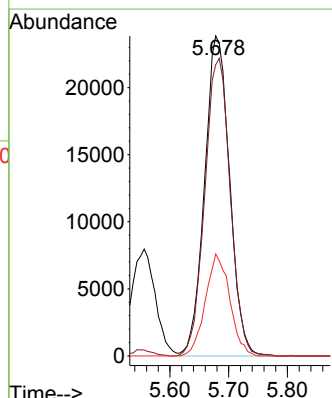
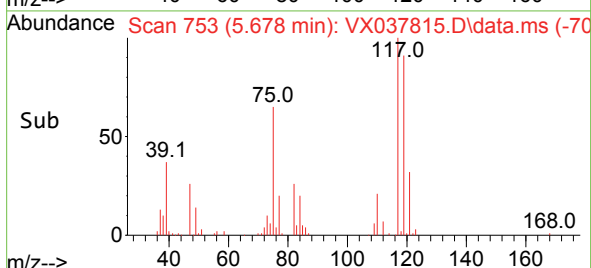
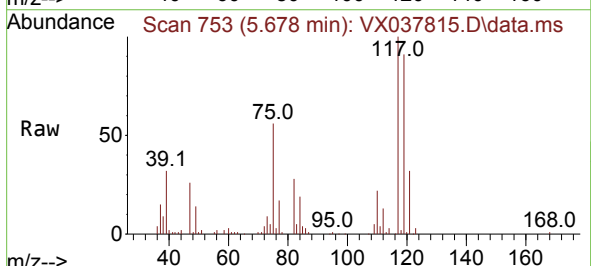
RT: 5.678 min Scan# 753

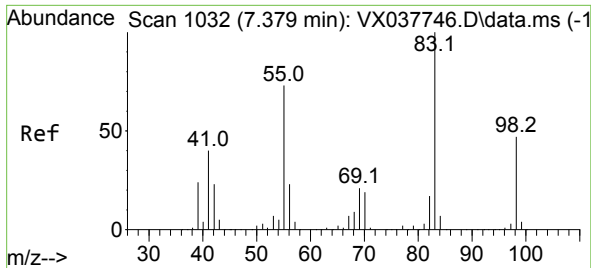
Delta R.T. -0.000 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 70590 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 91.0  | 78.2  | 117.2 |
| 121      | 31.8  | 24.4  | 36.6  |

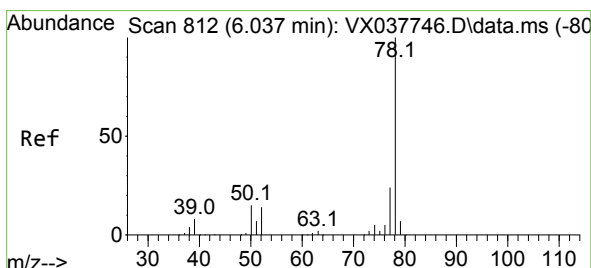
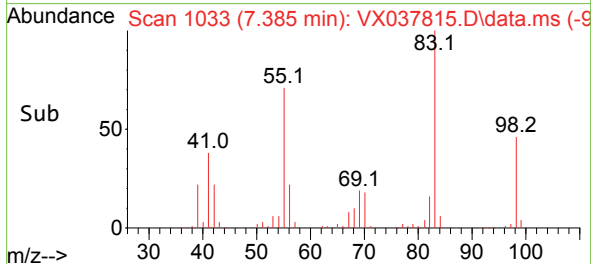
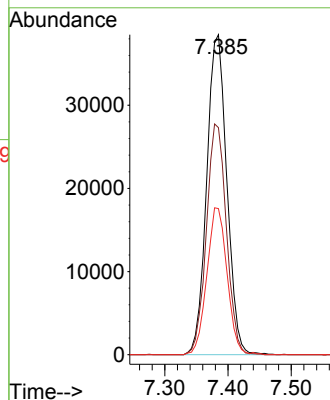
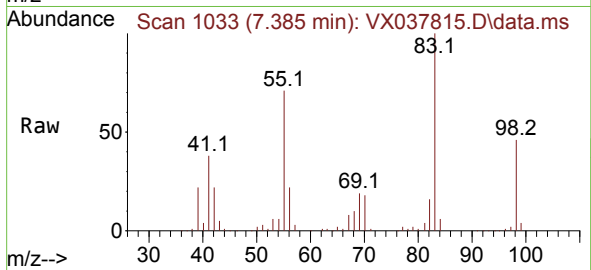




#39  
Methylcyclohexane  
Concen: 19.383 ug/l  
RT: 7.385 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

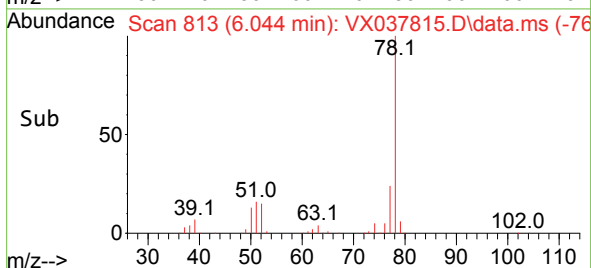
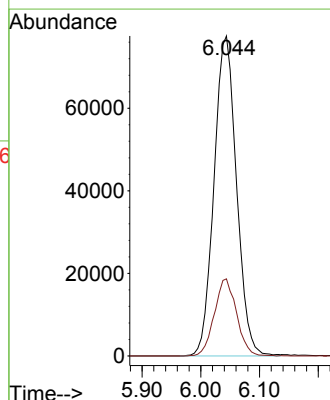
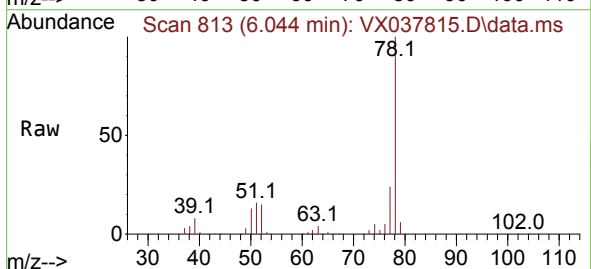
Instrument :  
MSVOA\_X  
ClientSampleId :

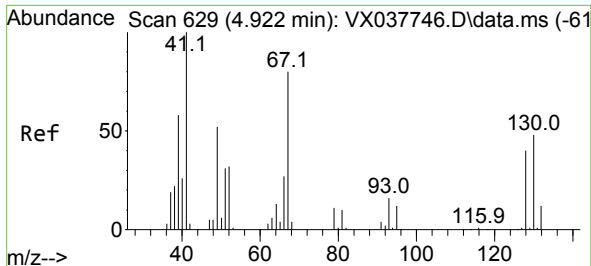
Tgt Ion: 83 Resp: 85208  
Ion Ratio Lower Upper  
83 100  
55 70.9 64.6 97.0  
98 45.7 36.7 55.1



#40  
Benzene  
Concen: 19.354 ug/l  
RT: 6.044 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Tgt Ion: 78 Resp: 206146  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.3 28.9

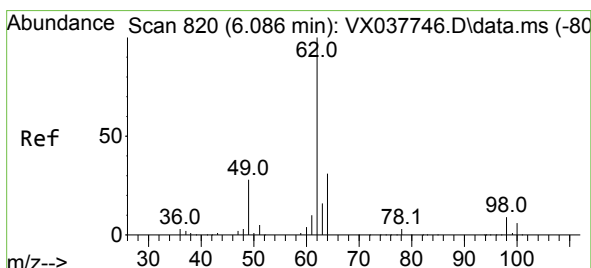
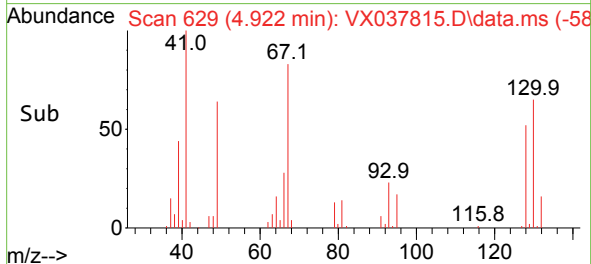
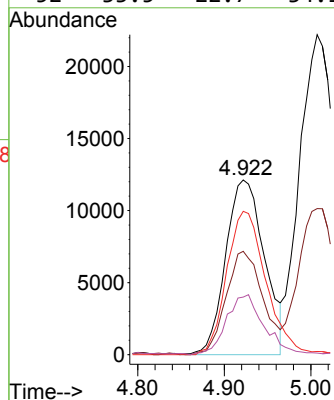
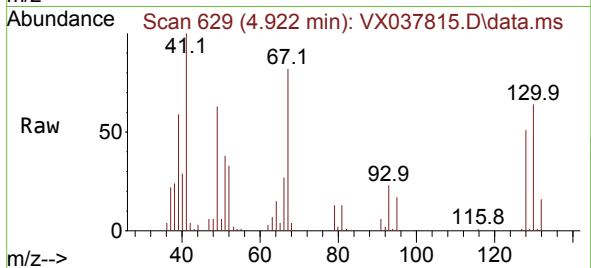




#41  
Methacrylonitrile  
Concen: 19.460 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.024 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

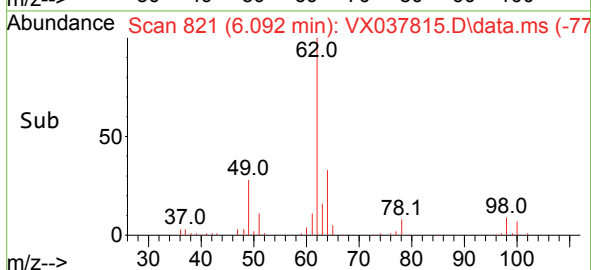
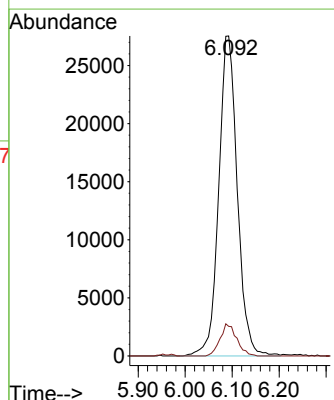
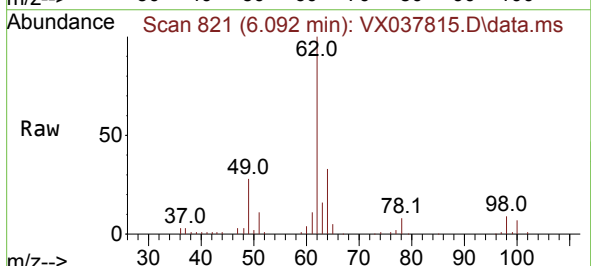
Instrument :  
MSVOA\_X  
ClientSampleId :

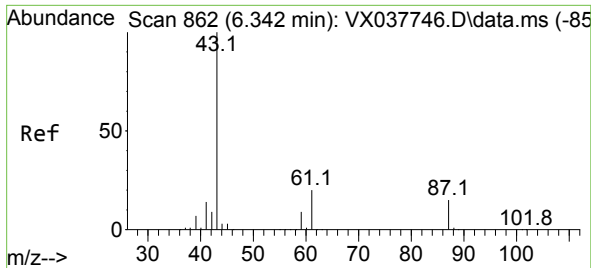
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 37784 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.2  | 45.2  | 67.8  |
| 67       | 83.8  | 52.6  | 78.8# |
| 52       | 33.5  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 19.649 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 75642 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.0   | 0.0   | 16.0  |





#43

Isopropyl Acetate

Concen: 19.139 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

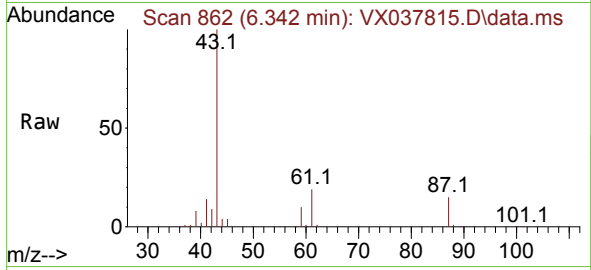
Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

ClientSampleId :



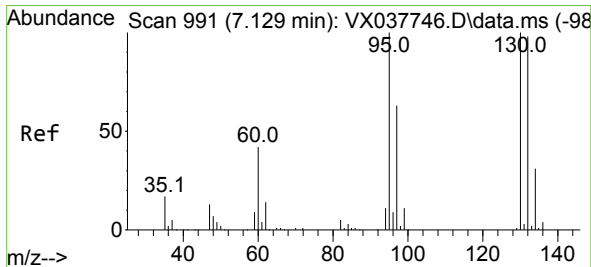
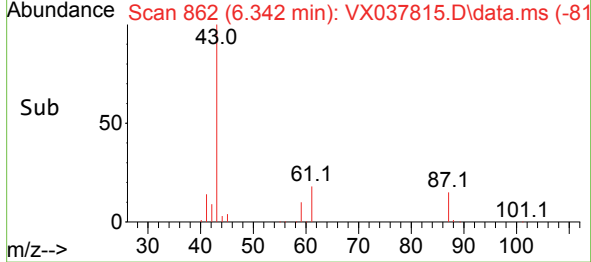
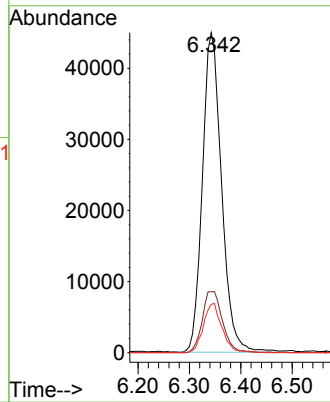
Tgt Ion: 43 Resp: 116535

Ion Ratio Lower Upper

43 100

61 20.2 15.2 22.8

87 14.9 9.8 14.6#



#44

Trichloroethene

Concen: 18.797 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX037815.D

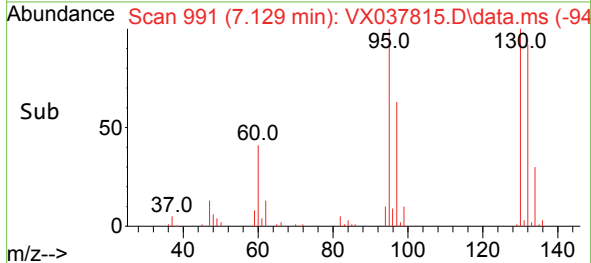
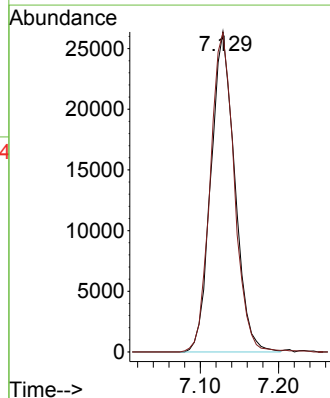
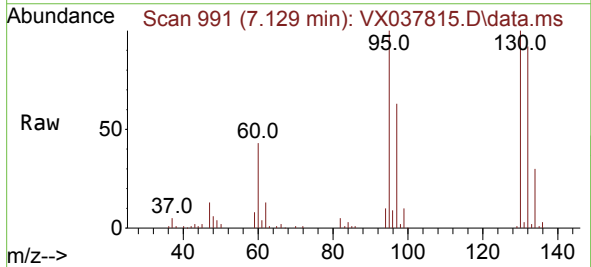
Acq: 19 Sep 2023 18:46

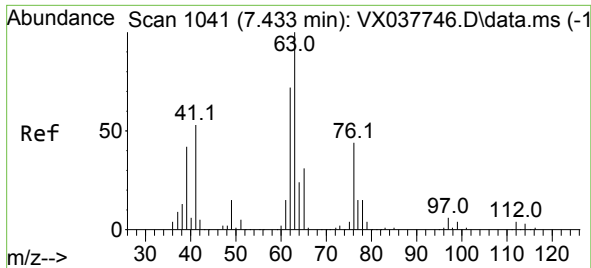
Tgt Ion:130 Resp: 55757

Ion Ratio Lower Upper

130 100

95 99.8 0.0 204.4

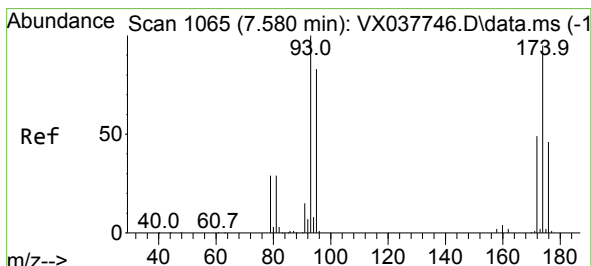
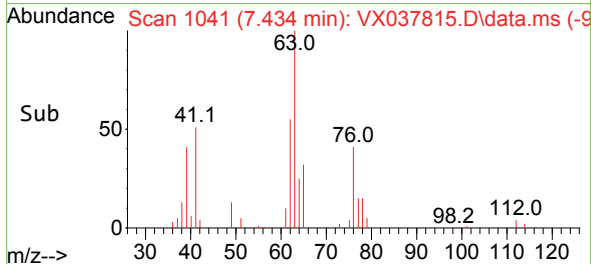
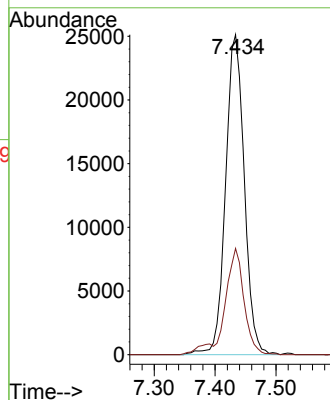
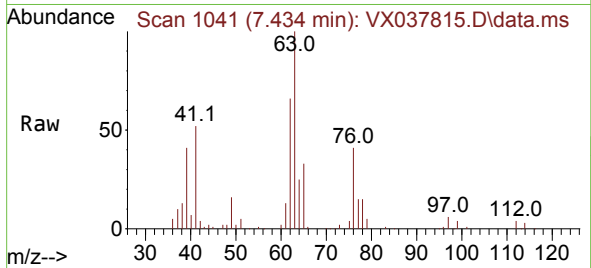




#45  
1,2-Dichloropropane  
Concen: 19.373 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

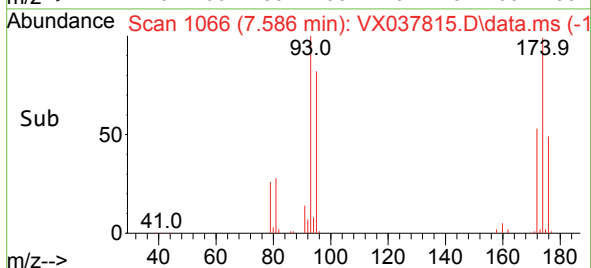
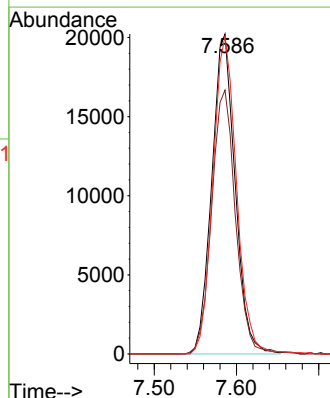
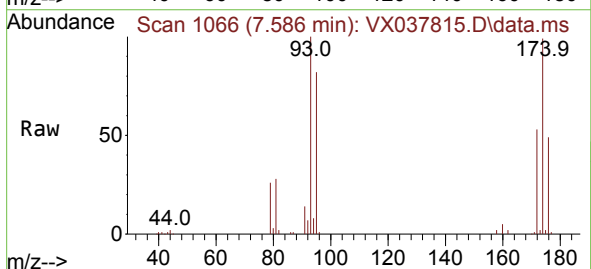
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 63 Resp: 53587  
Ion Ratio Lower Upper  
63 100  
65 33.2 24.3 36.5



#46  
Dibromomethane  
Concen: 20.016 ug/l  
RT: 7.586 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Tgt Ion: 93 Resp: 39828  
Ion Ratio Lower Upper  
93 100  
95 84.6 66.6 100.0  
174 100.5 69.4 104.0

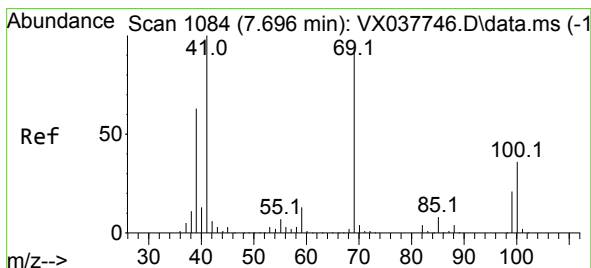
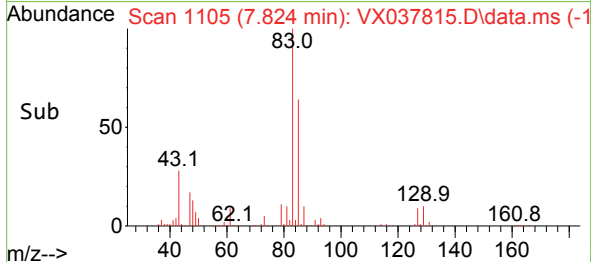
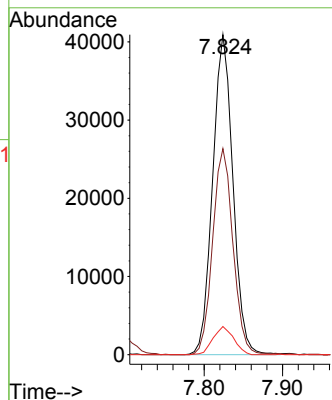
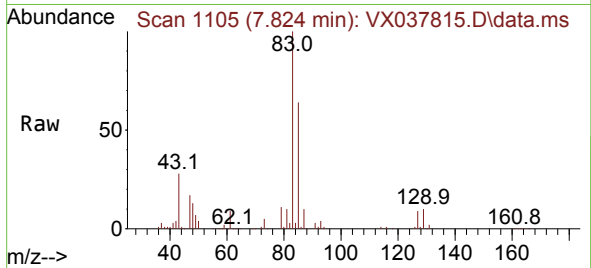




#47  
Bromodichloromethane  
Concen: 20.084 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

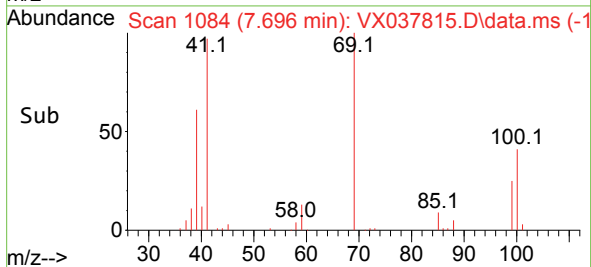
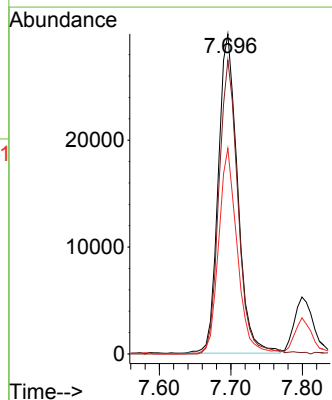
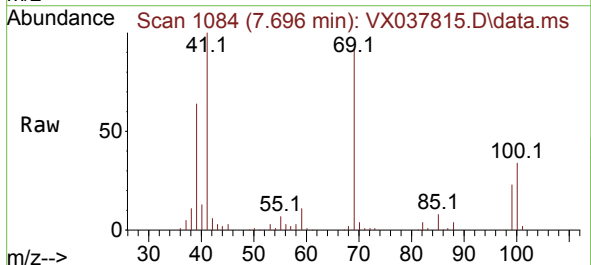
Instrument :  
MSVOA\_X  
ClientSampleId :

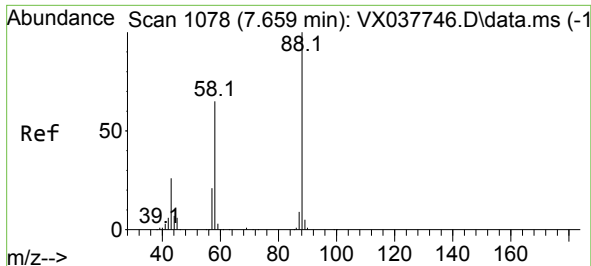
Tgt Ion: 83 Resp: 73598  
Ion Ratio Lower Upper  
83 100  
85 64.4 49.8 74.6  
127 8.8 7.1 10.7



#48  
Methyl methacrylate  
Concen: 19.231 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Tgt Ion: 41 Resp: 55977  
Ion Ratio Lower Upper  
41 100  
69 90.8 59.2 88.8  
39 62.2 47.7 71.5





#49

1,4-Dioxane

Concen: 364.535 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.012 min

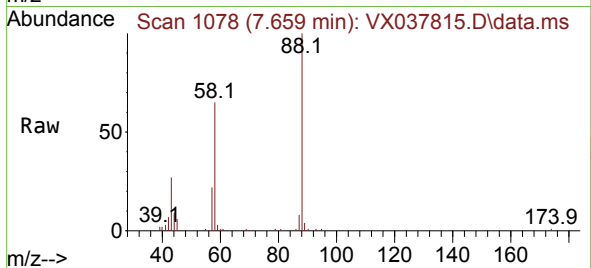
Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

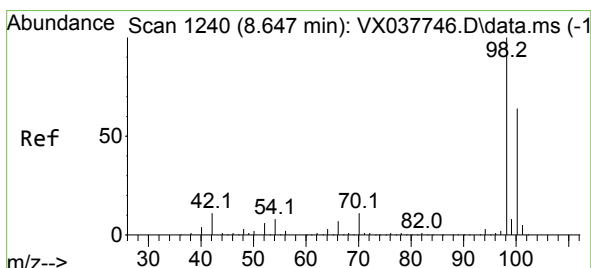
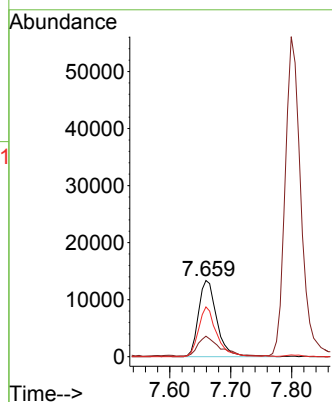
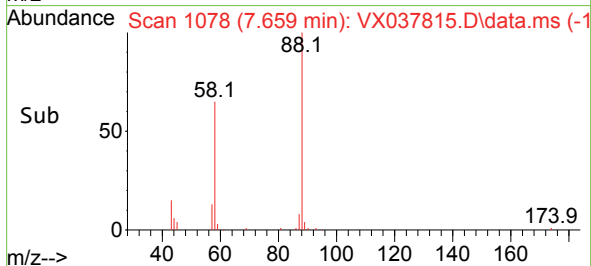
Instrument :

MSVOA\_X

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 27817 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 29.5  | 0.0   | 0.0#  |
| 58       | 64.2  | 60.1  | 90.1  |



#50

Toluene-d8

Concen: 53.786 ug/l

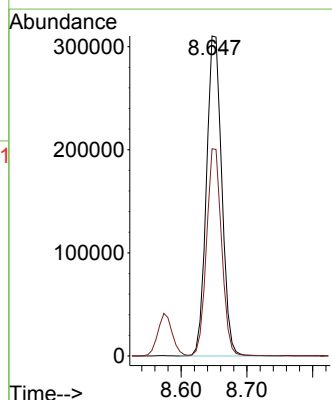
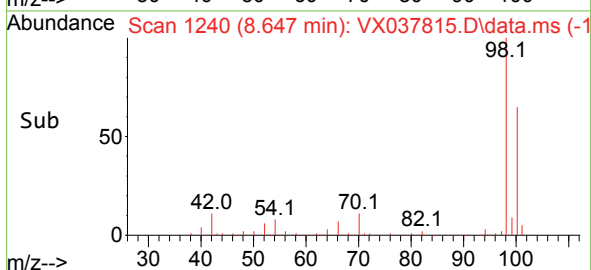
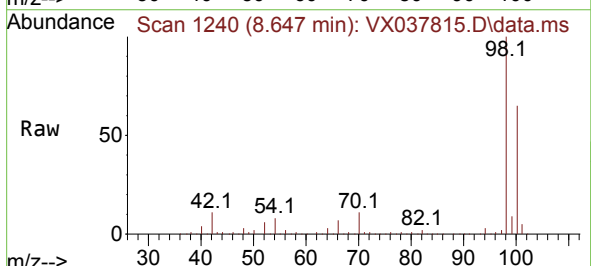
RT: 8.647 min Scan# 1240

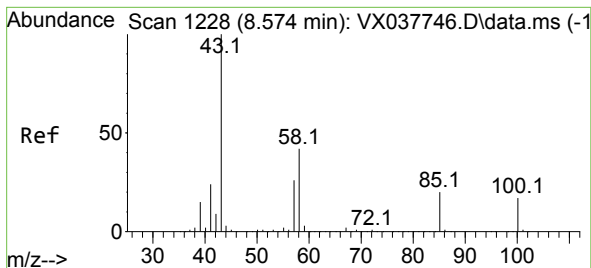
Delta R.T. 0.000 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 502499 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.9  | 53.1  | 79.7   |





#51

4-Methyl-2-Pentanone

Concen: 97.064 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

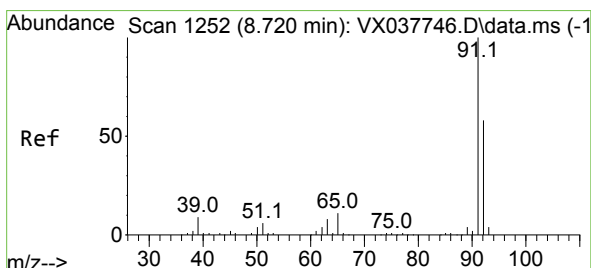
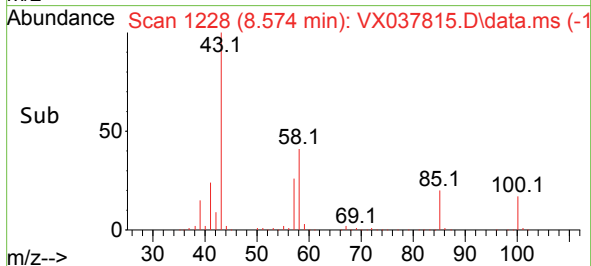
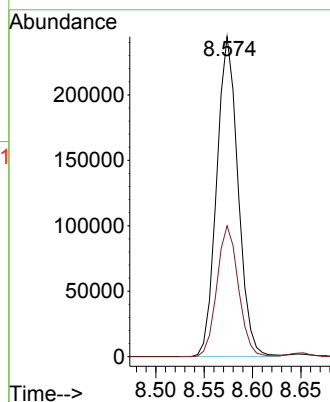
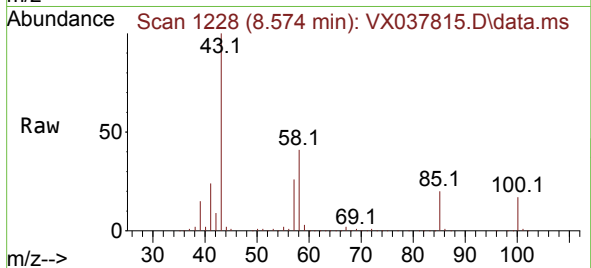
ClientSampleId :

Tgt Ion: 43 Resp: 374966

Ion Ratio Lower Upper

43 100

58 41.1 30.4 45.6



#52

Toluene

Concen: 19.514 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX037815.D

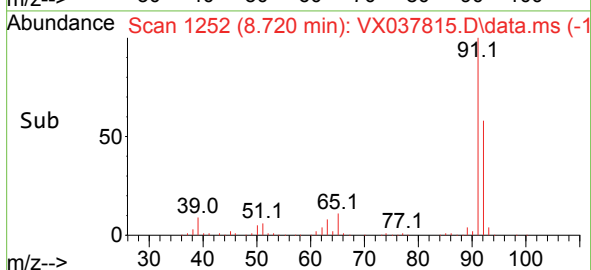
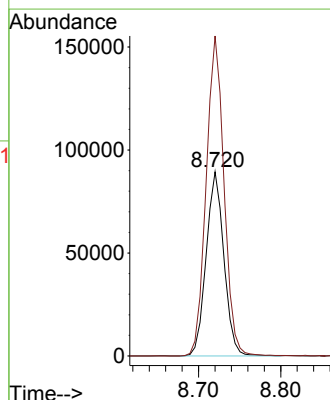
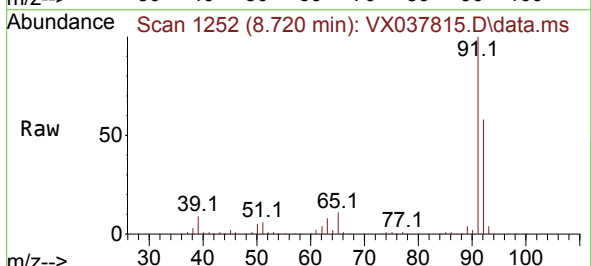
Acq: 19 Sep 2023 18:46

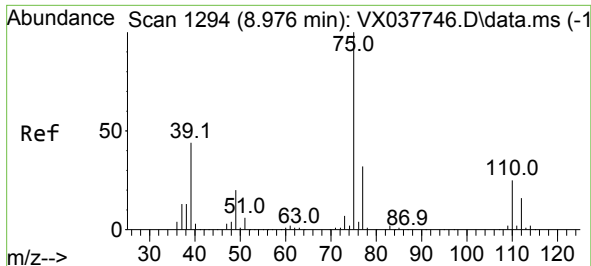
Tgt Ion: 92 Resp: 133952

Ion Ratio Lower Upper

92 100

91 175.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.467 ug/l

RT: 8.982 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

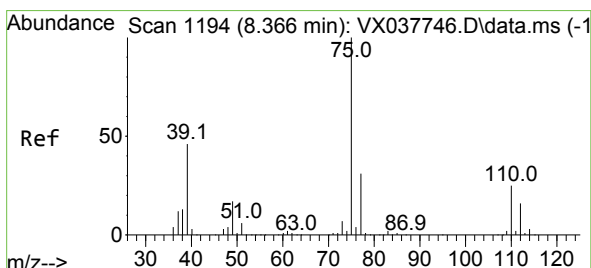
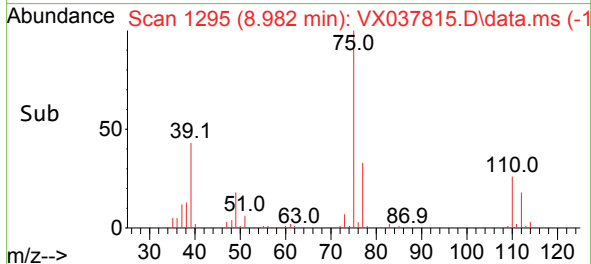
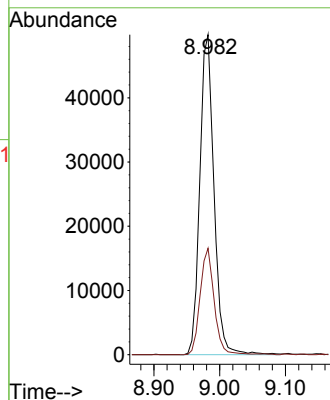
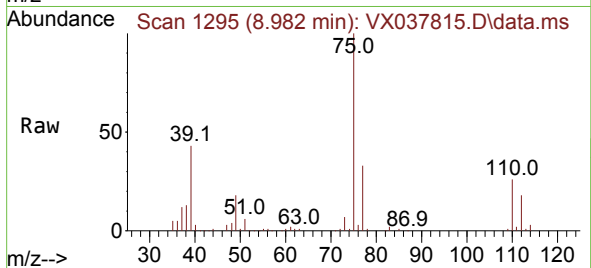
ClientSampleId :

Tgt Ion: 75 Resp: 74593

Ion Ratio Lower Upper

75 100

77 33.2 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 19.378 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

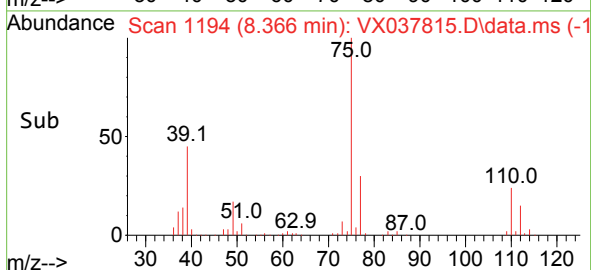
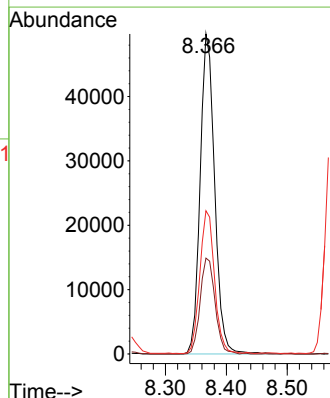
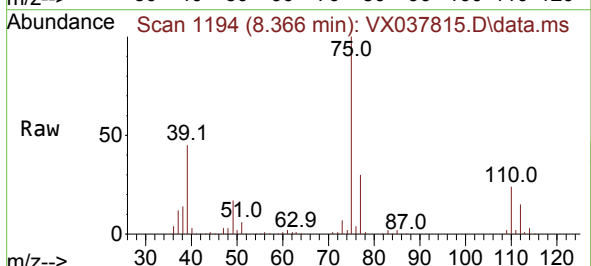
Tgt Ion: 75 Resp: 82177

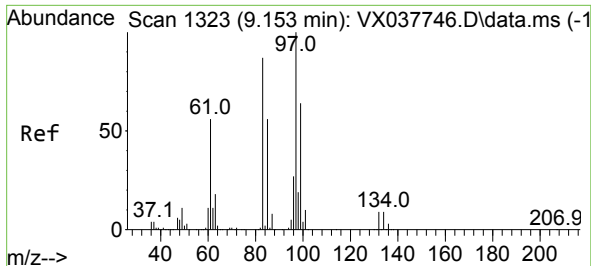
Ion Ratio Lower Upper

75 100

77 29.9 25.3 37.9

39 44.6 46.7 70.1#

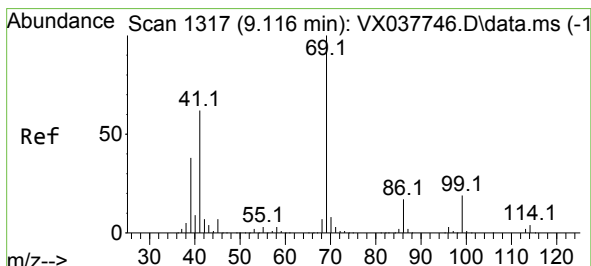
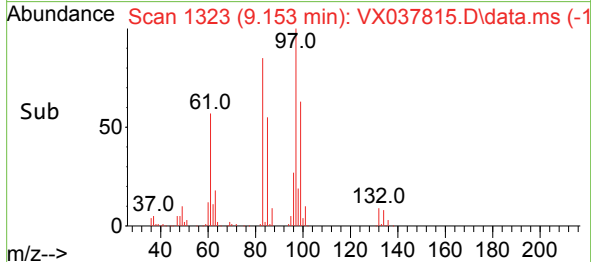
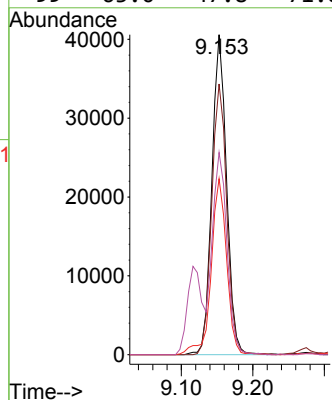
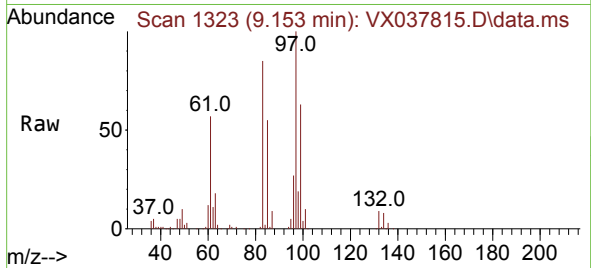




#55  
1,1,2-Trichloroethane  
Concen: 20.030 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

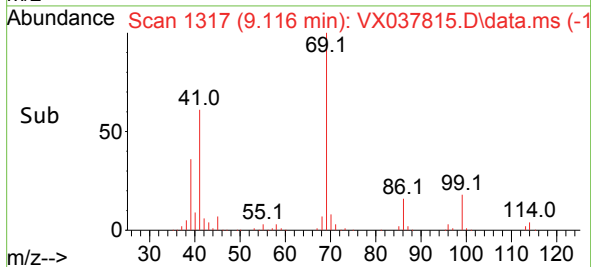
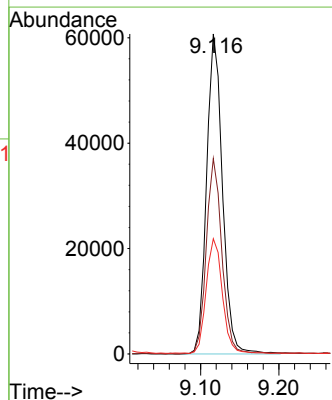
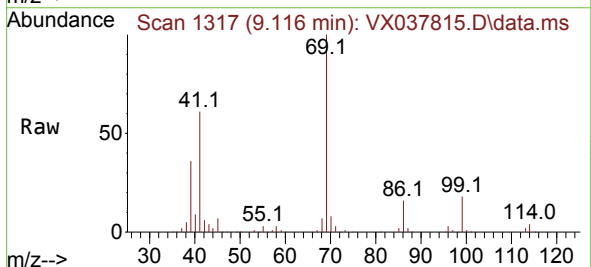
Instrument :  
MSVOA\_X  
ClientSampleId :

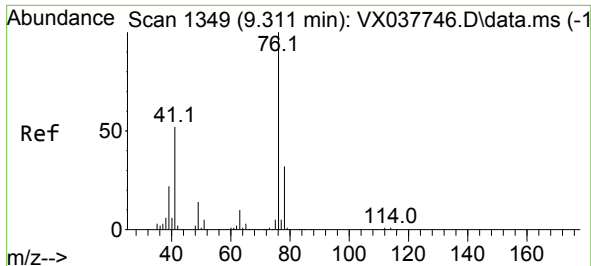
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 57970 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 84.6     | 65.8 98.8   |
| 85 55.0     | 41.6 62.4   |
| 99 63.0     | 47.8 71.8   |



#56  
Ethyl methacrylate  
Concen: 19.718 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 85194 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 60.4     | 56.8 85.2   |
| 39 36.6     | 32.0 48.0   |





#57

1,3-Dichloropropane

Concen: 19.744 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

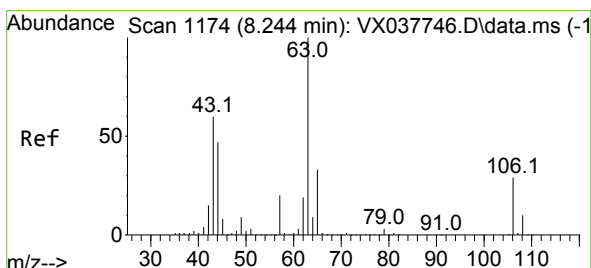
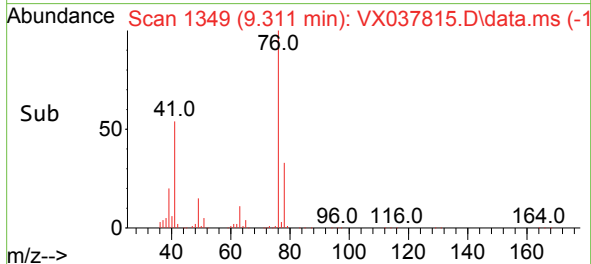
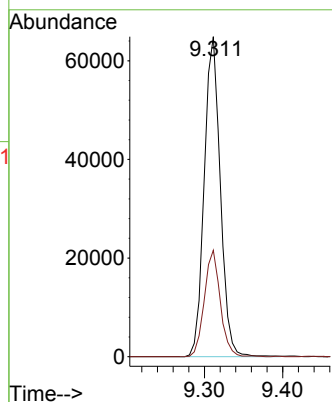
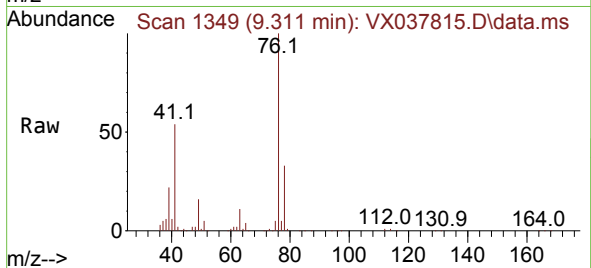
ClientSampleId :

Tgt Ion: 76 Resp: 92470

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 96.274 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037815.D

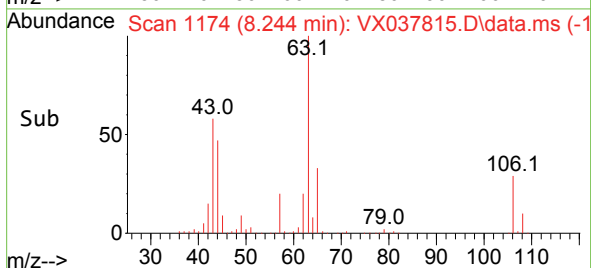
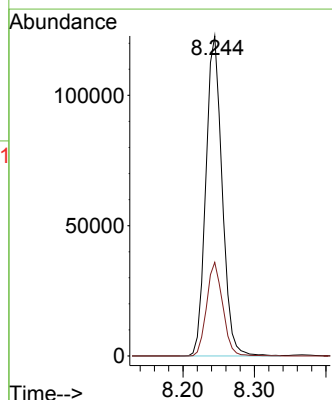
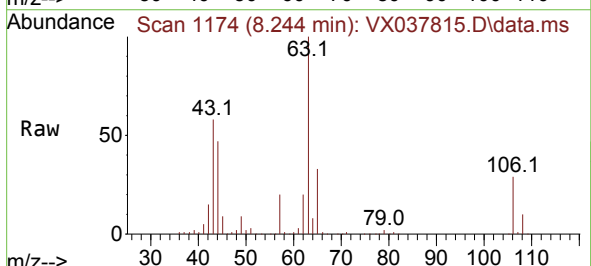
Acq: 19 Sep 2023 18:46

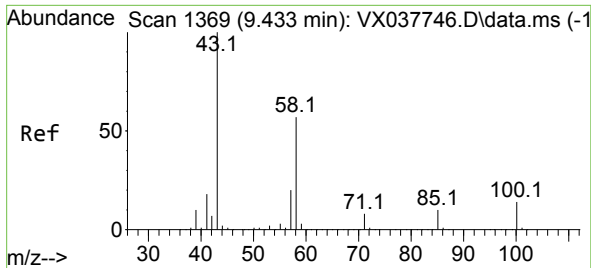
Tgt Ion: 63 Resp: 194238

Ion Ratio Lower Upper

63 100

106 28.9 22.5 33.7

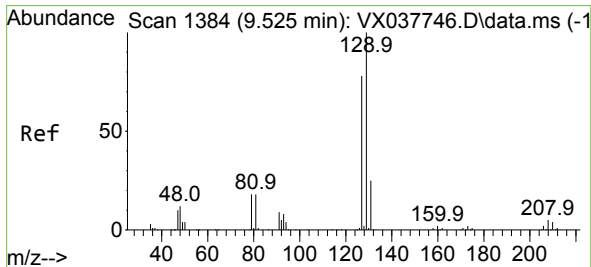
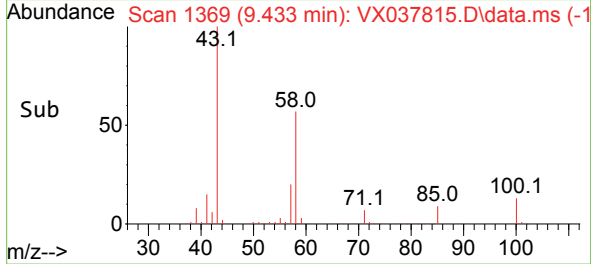
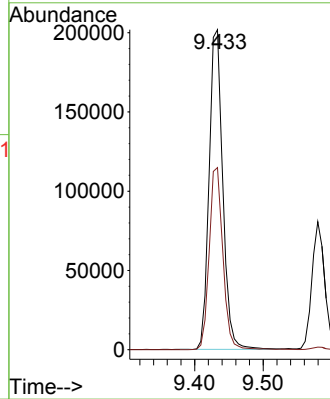
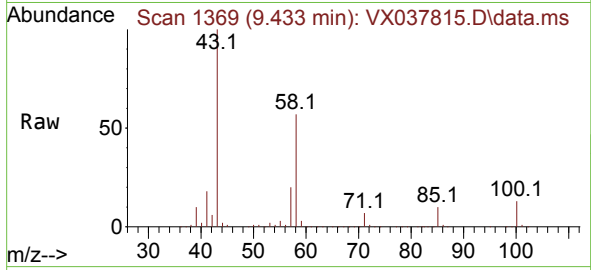




#59  
2-Hexanone  
Concen: 93.100 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

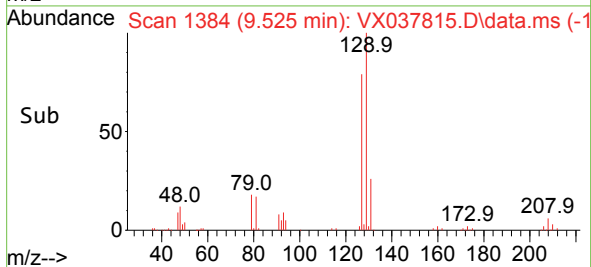
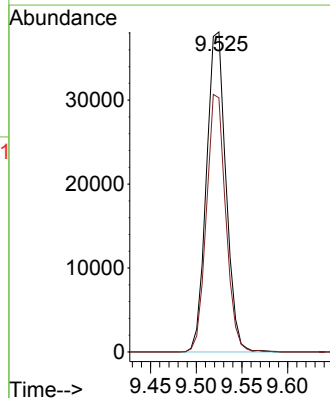
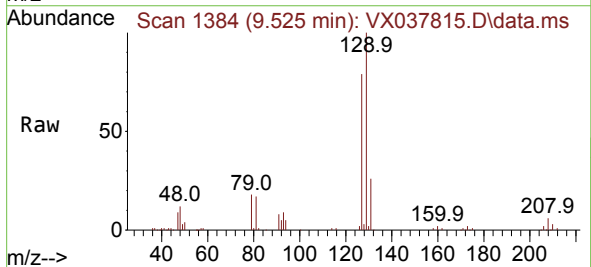
Instrument :  
MSVOA\_X  
ClientSampleId :

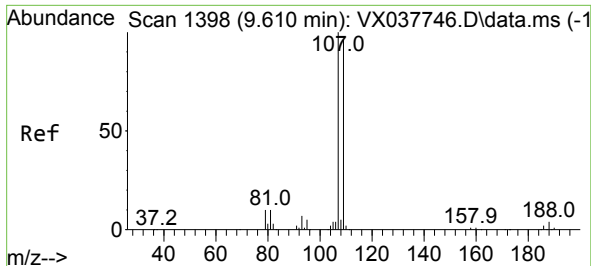
Tgt Ion: 43 Resp: 280027  
Ion Ratio Lower Upper  
43 100  
58 57.2 26.2 78.5



#60  
Dibromochloromethane  
Concen: 19.619 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. 0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Tgt Ion: 129 Resp: 56564  
Ion Ratio Lower Upper  
129 100  
127 79.4 38.8 116.4

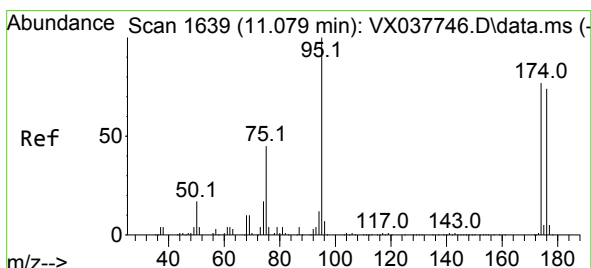
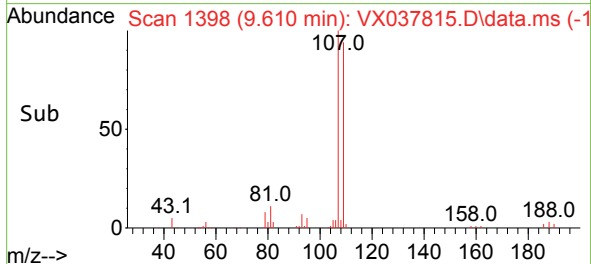
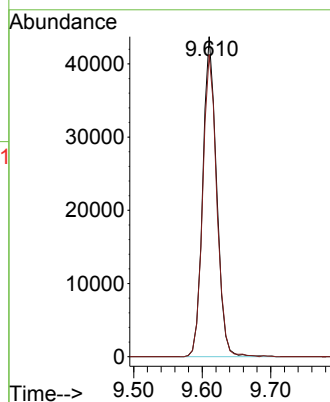
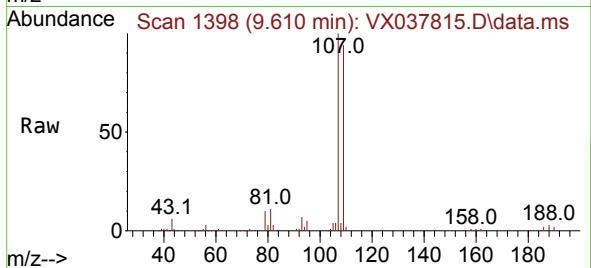




#61  
1,2-Dibromoethane  
Concen: 19.985 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

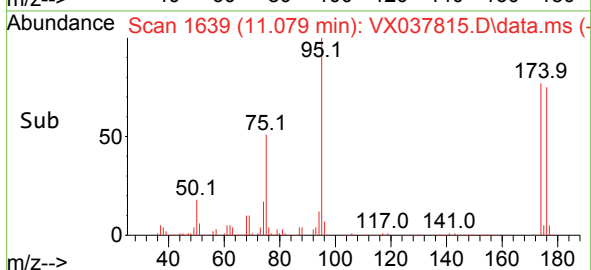
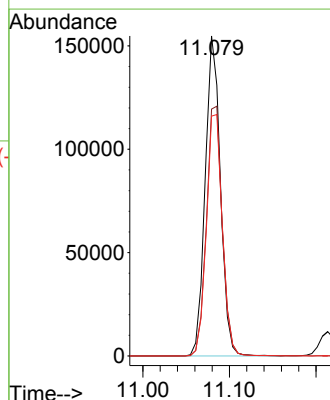
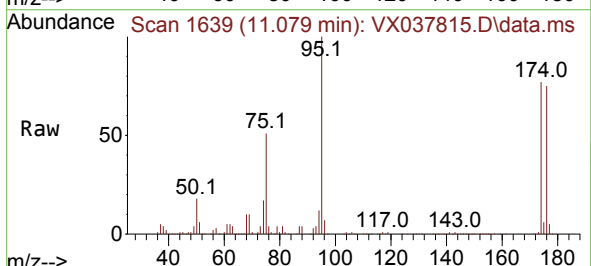
Instrument :  
MSVOA\_X  
ClientSampleId :

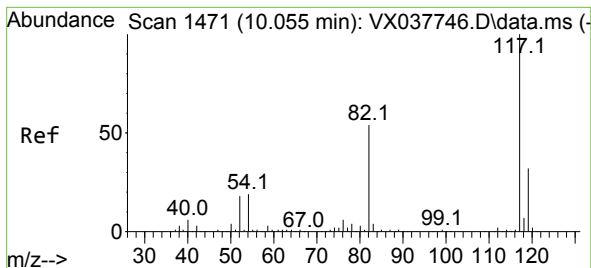
Tgt Ion:107 Resp: 61239  
Ion Ratio Lower Upper  
107 100  
109 96.2 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 55.559 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

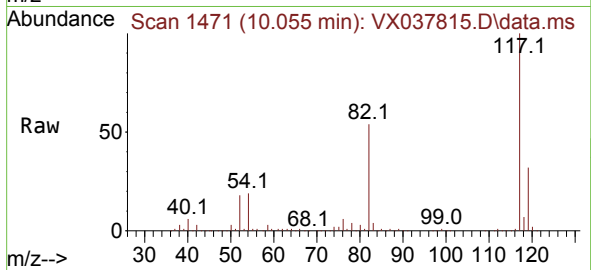
Tgt Ion: 95 Resp: 188617  
Ion Ratio Lower Upper  
95 100  
174 81.6 0.0 135.6  
176 79.5 0.0 131.0



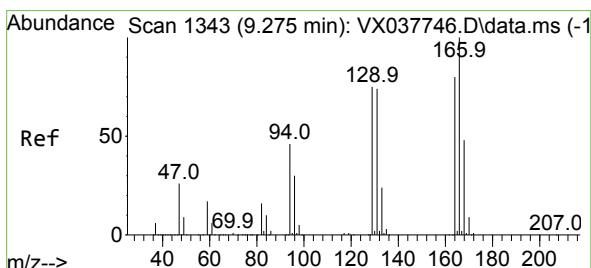
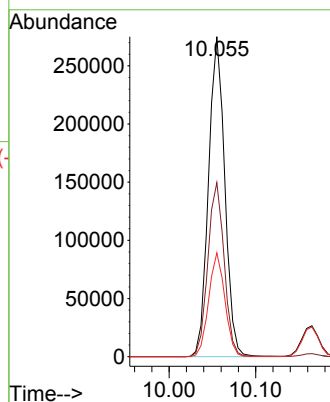
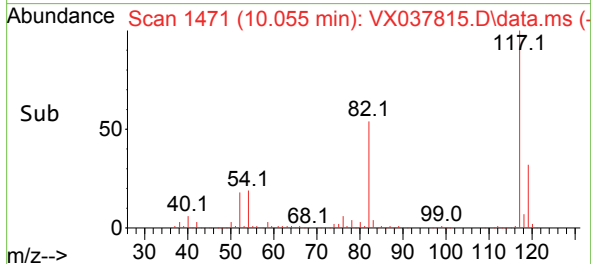


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

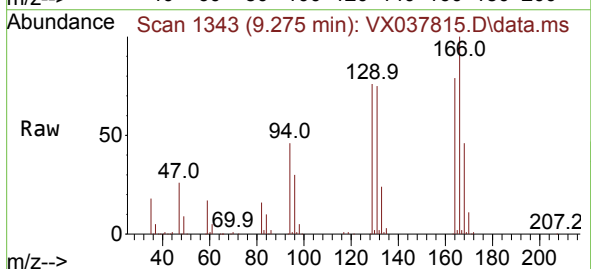
Instrument :  
MSVOA\_X  
ClientSampleId :



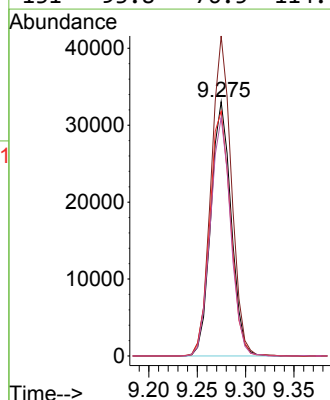
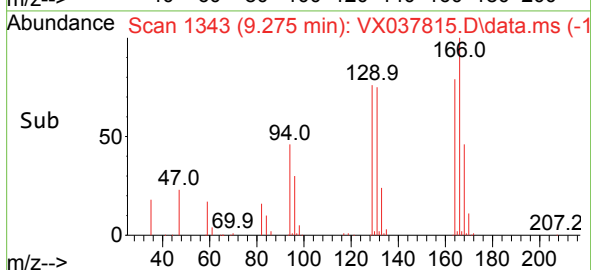
Tgt Ion:117 Resp: 358716  
Ion Ratio Lower Upper  
117 100  
82 54.4 46.2 69.4  
119 32.5 25.5 38.3

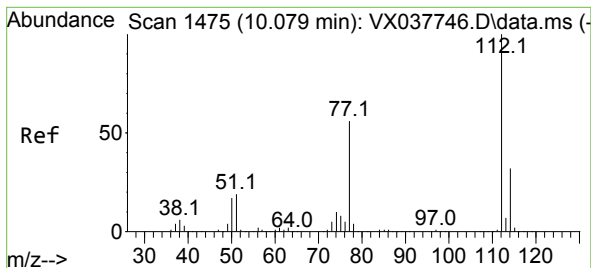


#64  
Tetrachloroethene  
Concen: 19.650 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46



Tgt Ion:164 Resp: 48072  
Ion Ratio Lower Upper  
164 100  
166 125.8 102.7 154.1  
129 96.2 80.4 120.6  
131 93.8 76.5 114.7





#65

Chlorobenzene

Concen: 19.202 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

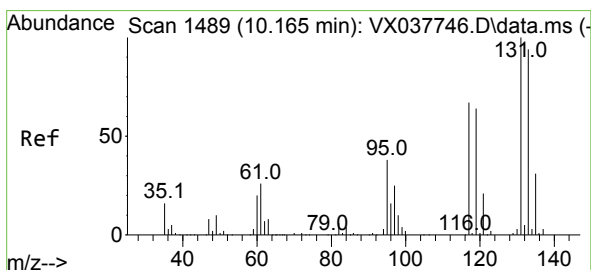
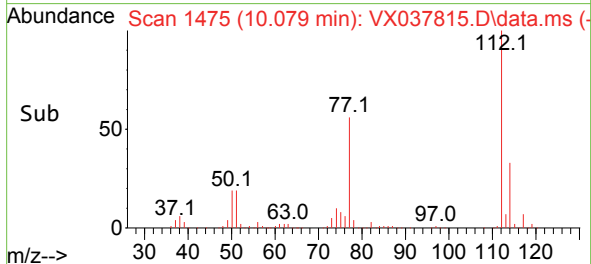
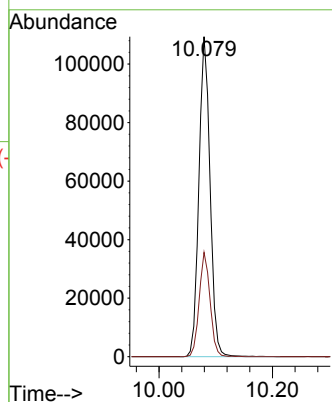
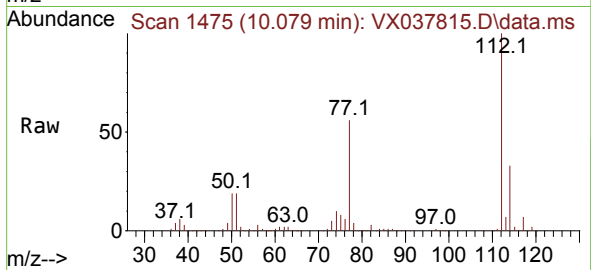
ClientSampleId :

Tgt Ion:112 Resp: 148579

Ion Ratio Lower Upper

112 100

114 32.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 19.539 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

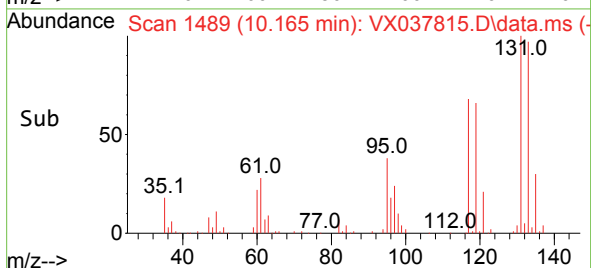
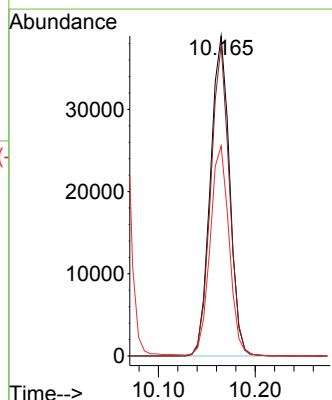
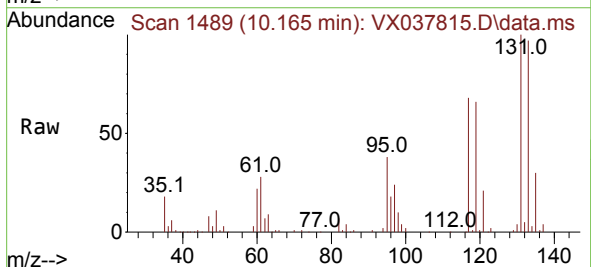
Tgt Ion:131 Resp: 53576

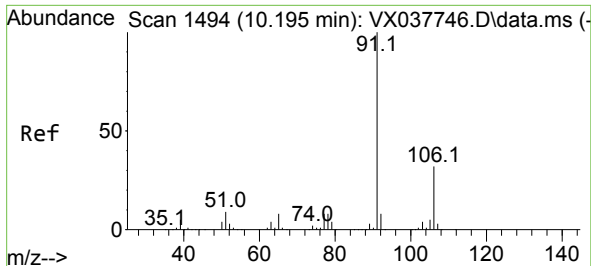
Ion Ratio Lower Upper

131 100

133 94.5 47.1 141.4

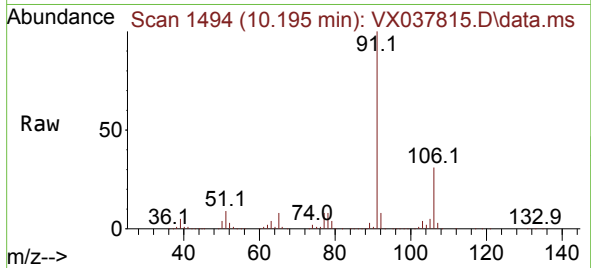
119 65.3 32.2 96.6



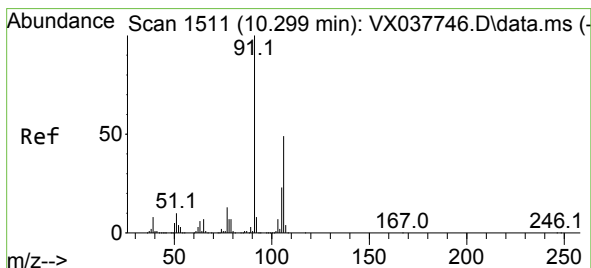
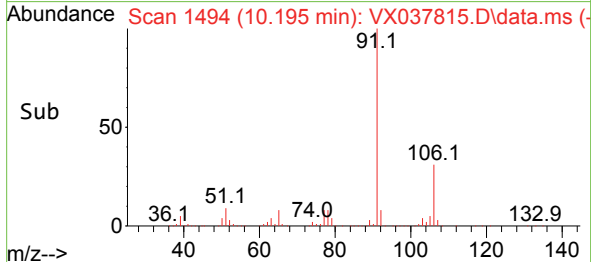
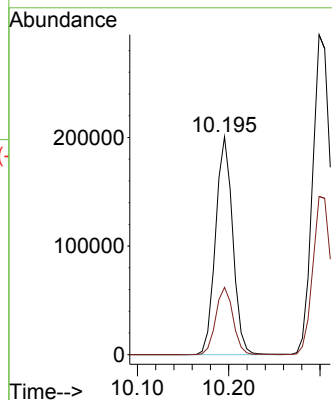


#67  
Ethyl Benzene  
Concen: 19.521 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Instrument :  
MSVOA\_X  
ClientSampleId :

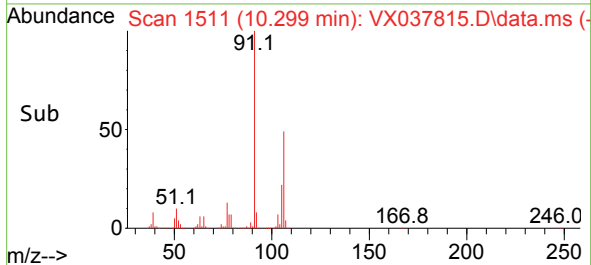
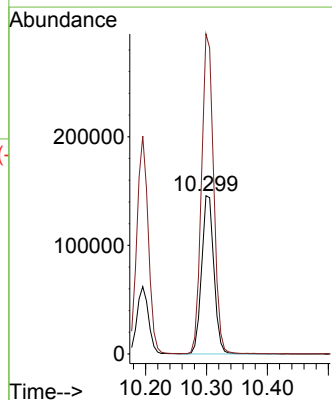
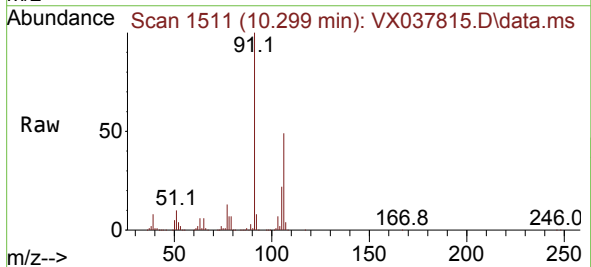


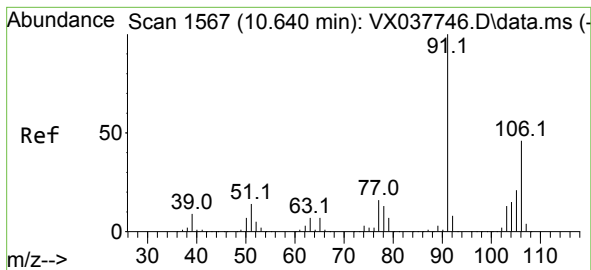
Tgt Ion: 91 Resp: 261873  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.9 37.3



#68  
m/p-Xylenes  
Concen: 39.518 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Tgt Ion: 106 Resp: 204851  
Ion Ratio Lower Upper  
106 100  
91 199.8 165.5 248.3





#69

o-Xylene

Concen: 19.318 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

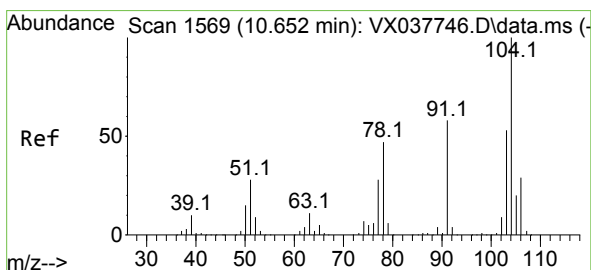
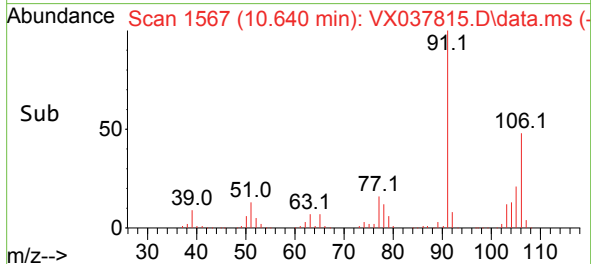
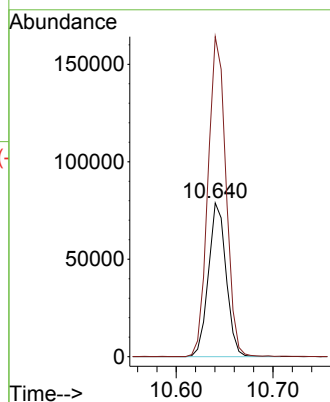
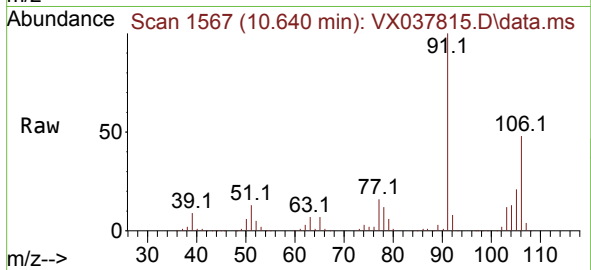
ClientSampleId :

Tgt Ion:106 Resp: 100420

Ion Ratio Lower Upper

106 100

91 211.5 108.9 326.8



#70

Styrene

Concen: 19.821 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

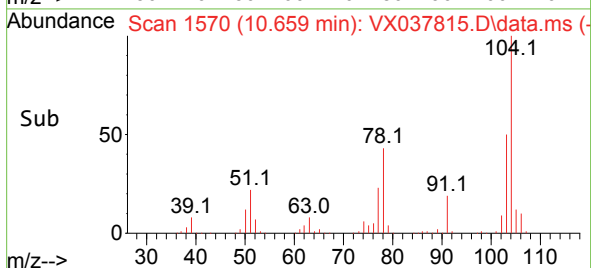
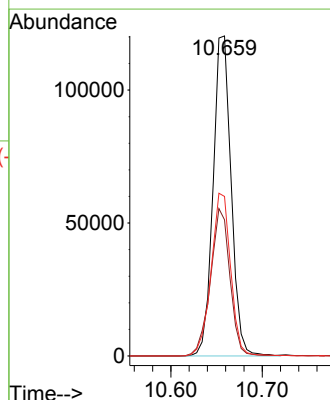
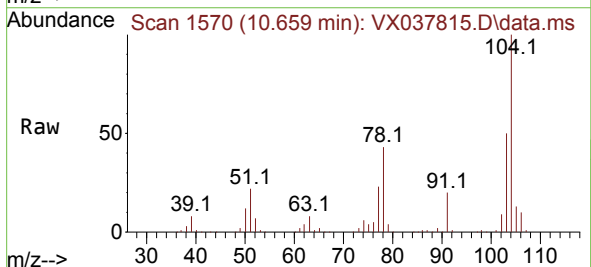
Tgt Ion:104 Resp: 165410

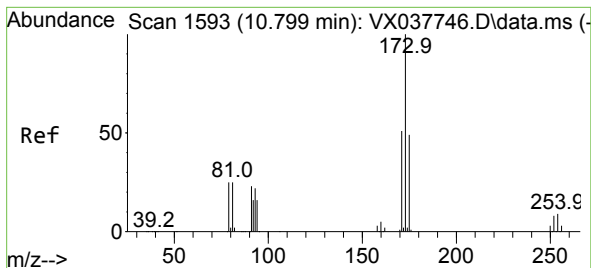
Ion Ratio Lower Upper

104 100

78 49.7 43.6 65.4

103 55.1 43.6 65.4





#71

Bromoform

Concen: 19.064 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

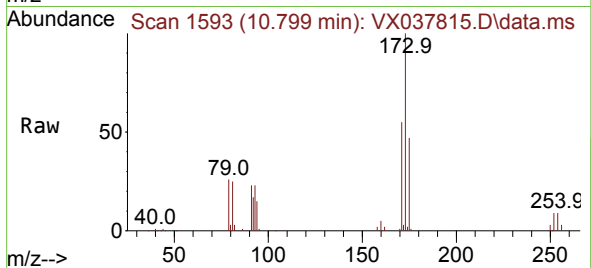
Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

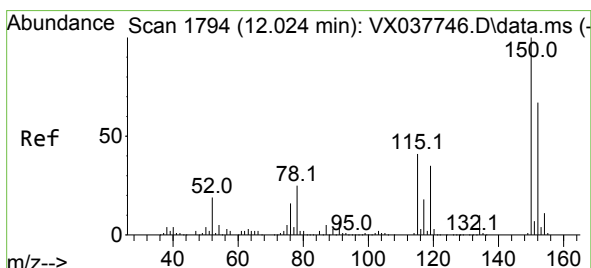
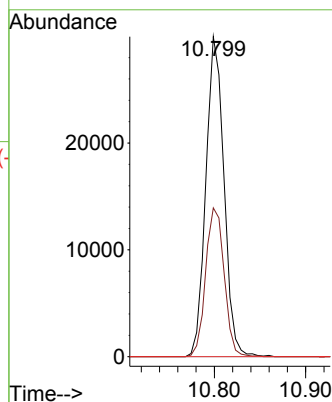
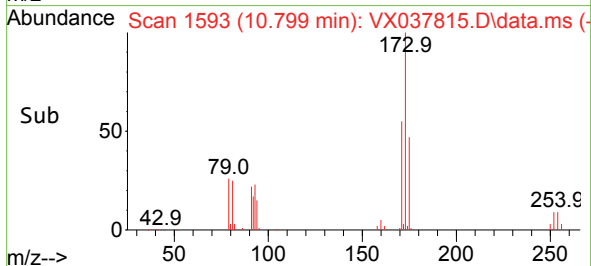
Instrument :

MSVOA\_X

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 41294 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 47.6  | 24.1  | 72.4  |
| 254       | 0.0   | 0.0   | 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

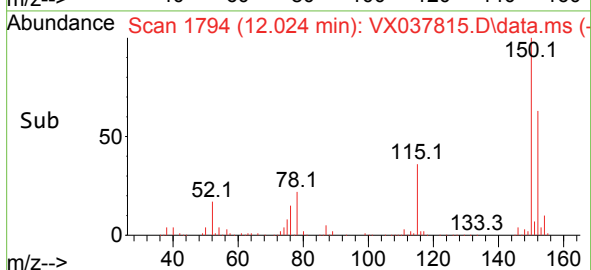
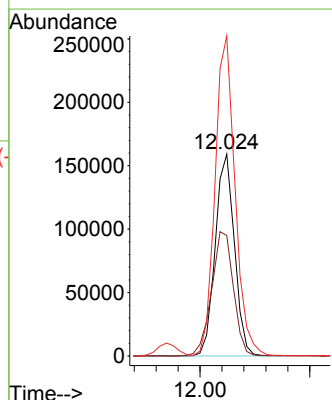
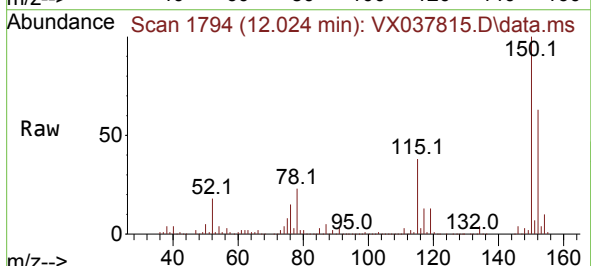
RT: 12.024 min Scan# 1794

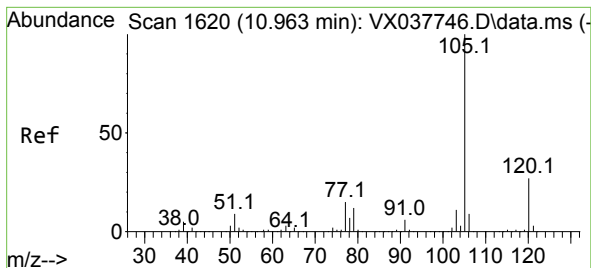
Delta R.T. -0.000 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 193658 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 70.0  | 43.3  | 129.9  |
| 150       | 165.0 | 0.0   | 345.0  |





#73

Isopropylbenzene

Concen: 18.455 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

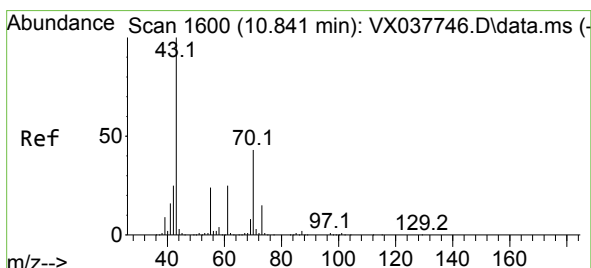
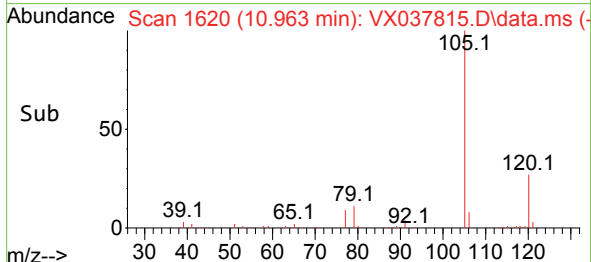
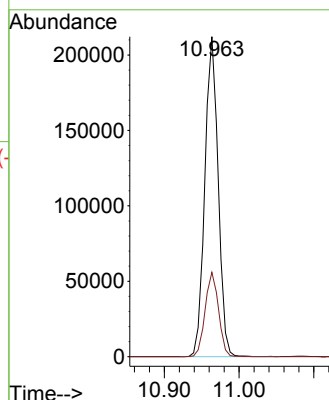
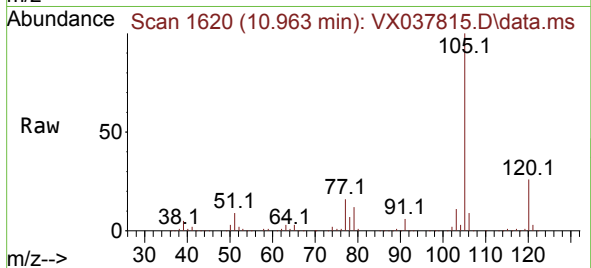
ClientSampleId :

Tgt Ion:105 Resp: 262203

Ion Ratio Lower Upper

105 100

120 26.5 12.9 38.6



#74

N-ethyl acetate

Concen: 18.345 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Tgt Ion: 43 Resp: 105559

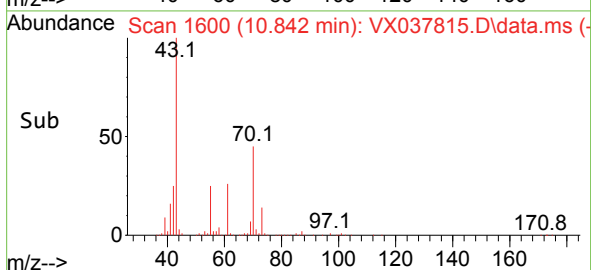
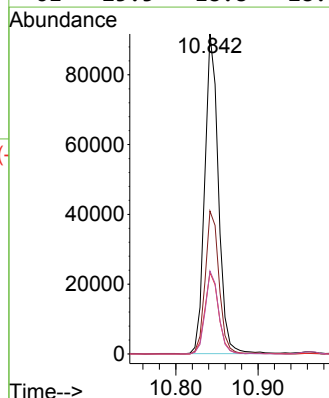
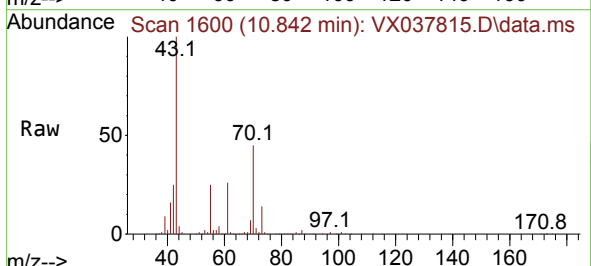
Ion Ratio Lower Upper

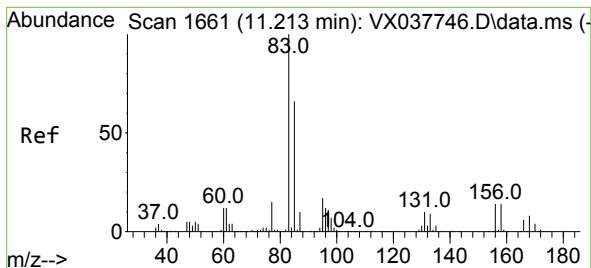
43 100

70 45.5 32.9 49.3

55 25.8 19.3 28.9

61 25.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.774 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

ClientSampleId :

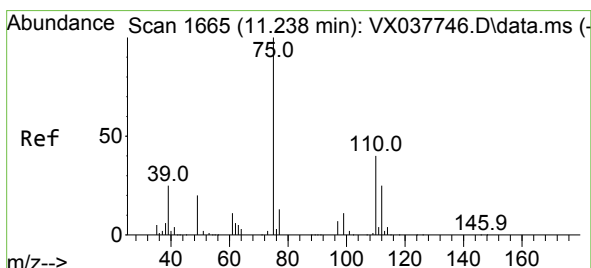
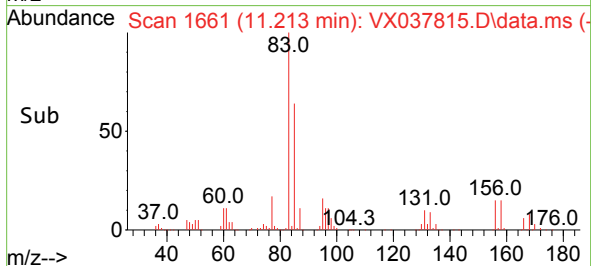
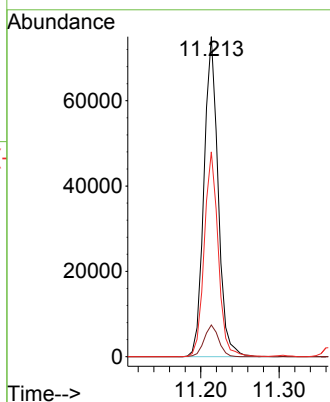
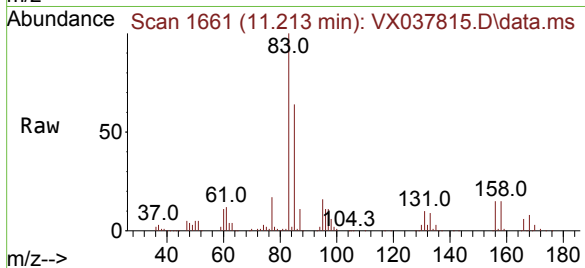
Tgt Ion: 83 Resp: 93807

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

85 63.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 21.162 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX037815.D

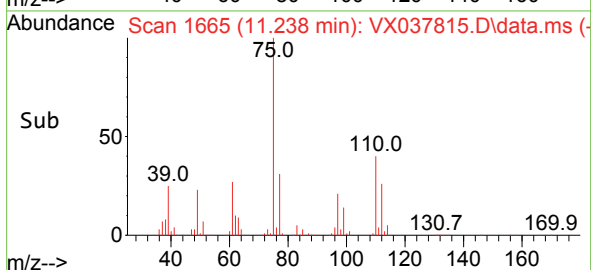
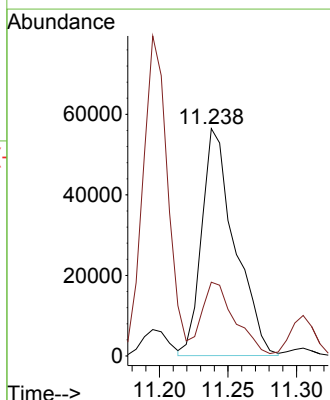
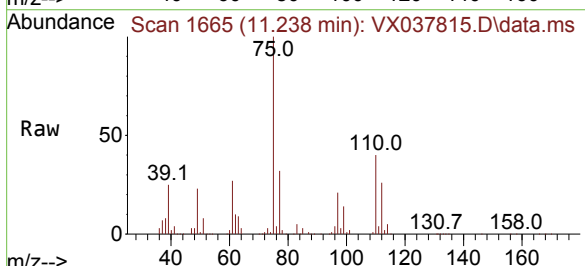
Acq: 19 Sep 2023 18:46

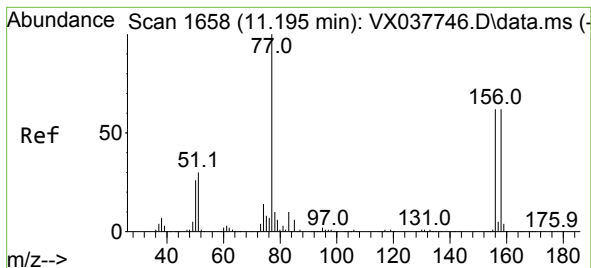
Tgt Ion: 75 Resp: 94785

Ion Ratio Lower Upper

75 100

77 32.8 19.1 57.5





#77

Bromobenzene

Concen: 18.979 ug/l

RT: 11.201 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

ClientSampleId :

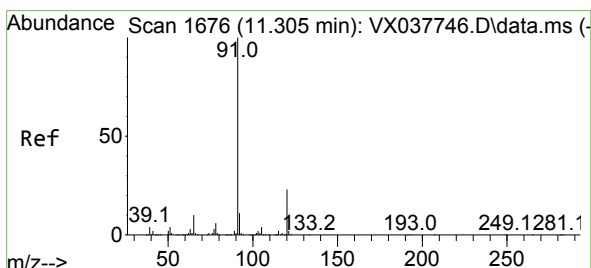
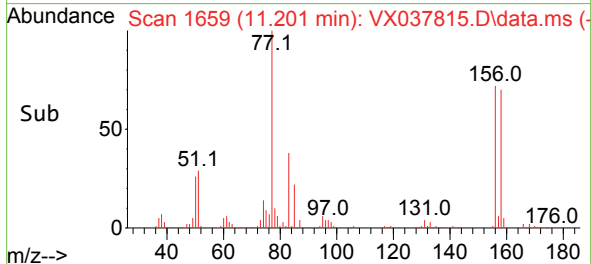
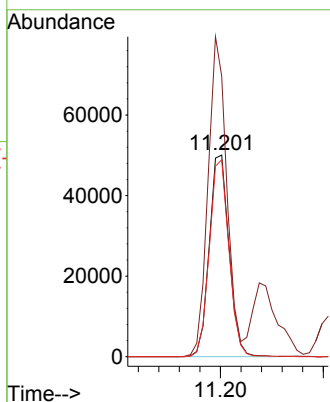
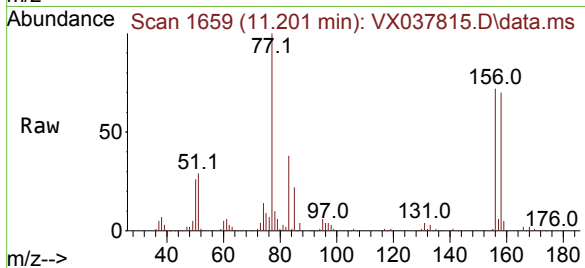
Tgt Ion:156 Resp: 66741

Ion Ratio Lower Upper

156 100

77 149.7 88.4 265.3

158 96.9 48.0 144.0



#78

n-propylbenzene

Concen: 19.196 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037815.D

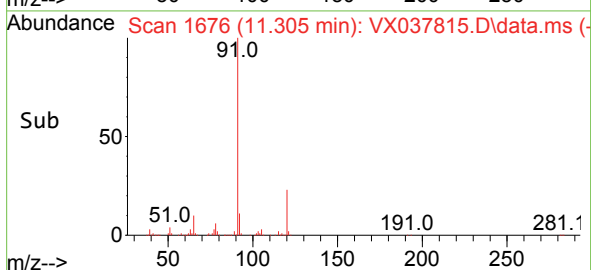
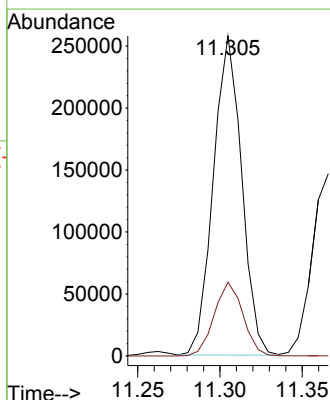
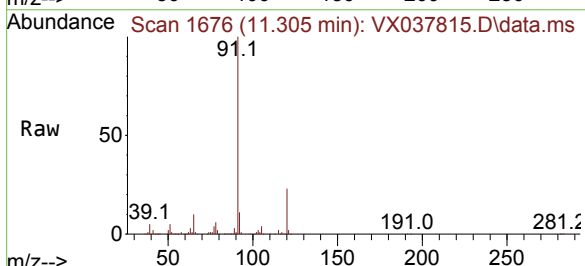
Acq: 19 Sep 2023 18:46

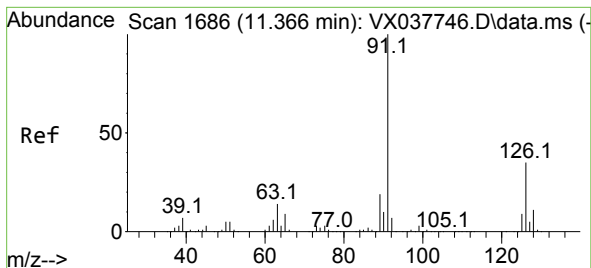
Tgt Ion: 91 Resp: 308005

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

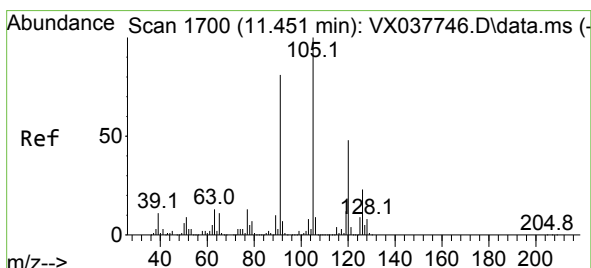
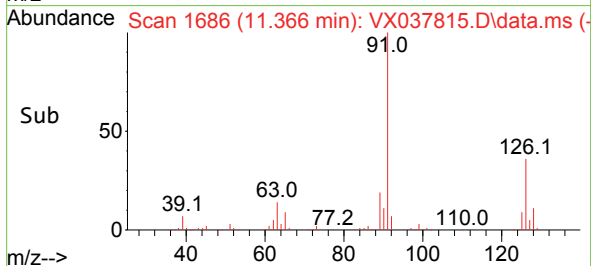
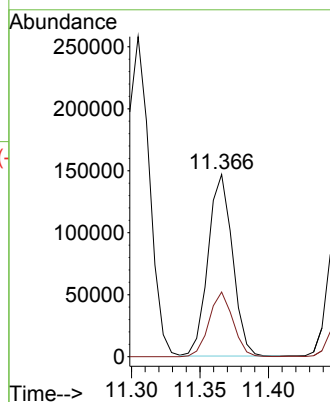
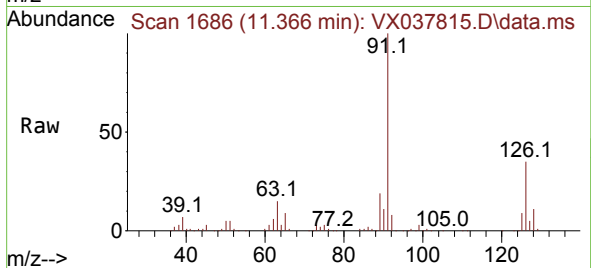




#79  
2-Chlorotoluene  
Concen: 18.367 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

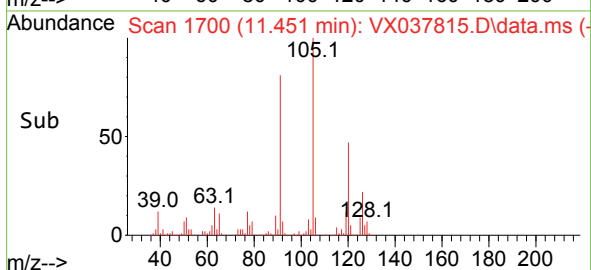
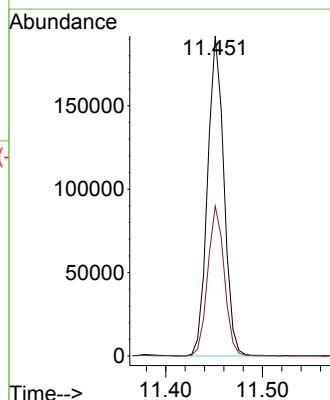
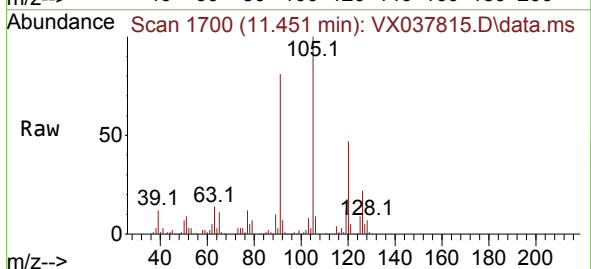
Instrument :  
MSVOA\_X  
ClientSampleId :

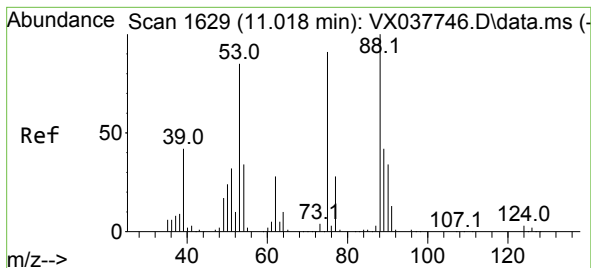
Tgt Ion: 91 Resp: 181709  
Ion Ratio Lower Upper  
91 100  
126 34.8 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 18.836 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

Tgt Ion: 105 Resp: 226007  
Ion Ratio Lower Upper  
105 100  
120 47.3 24.1 72.3

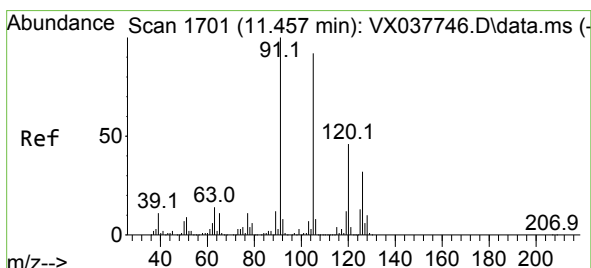
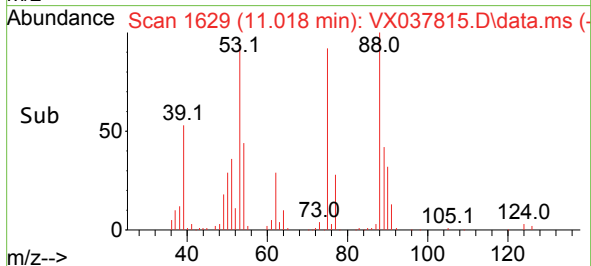
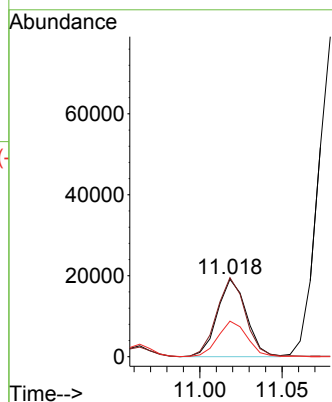
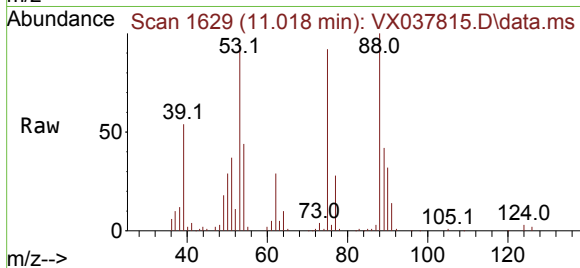




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.834 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

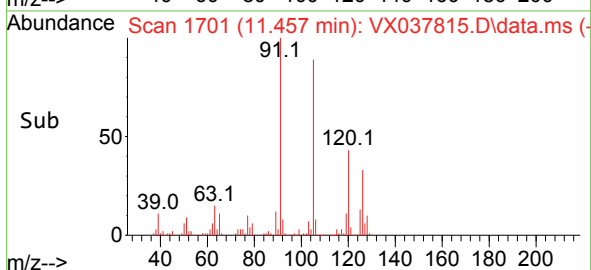
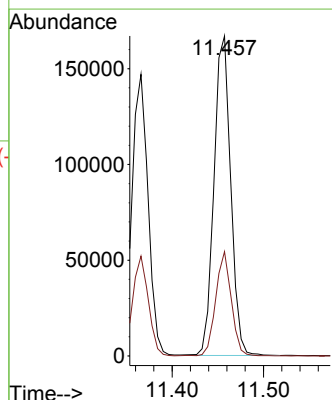
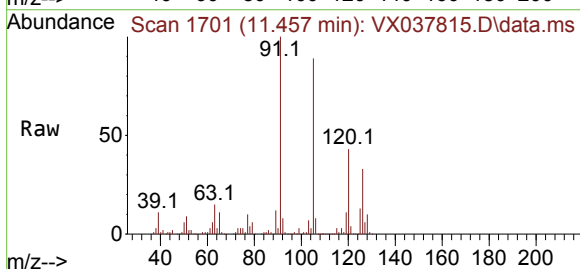
Instrument :  
MSVOA\_X  
ClientSampleId :

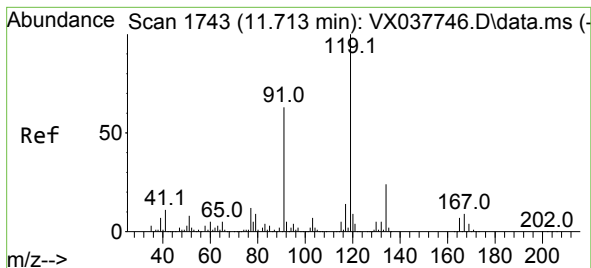
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 101.6 | 90.5  | 135.7 |
| 89      | 46.4  | 36.9  | 55.3  |



#82  
4-Chlorotoluene  
Concen: 19.020 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.6  | 14.2  | 42.6  |





#83

tert-Butylbenzene

Concen: 18.684 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

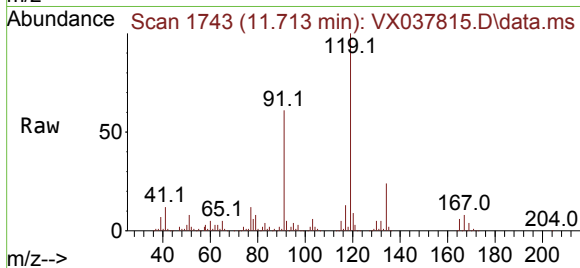
Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

ClientSampleId :



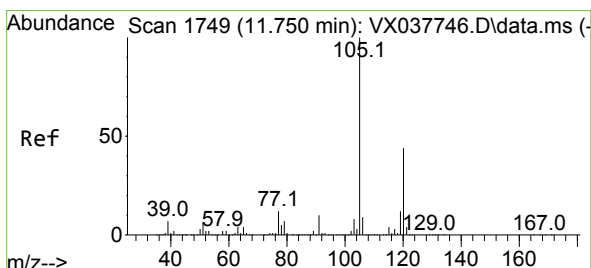
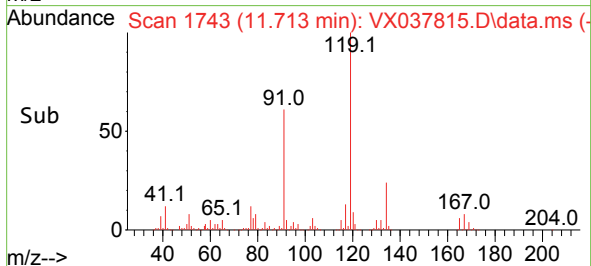
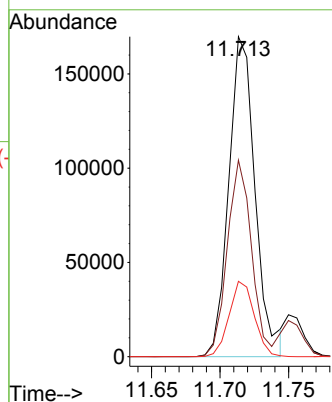
Tgt Ion:119 Resp: 226567

Ion Ratio Lower Upper

119 100

91 56.8 31.2 93.6

134 22.6 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 18.902 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX037815.D

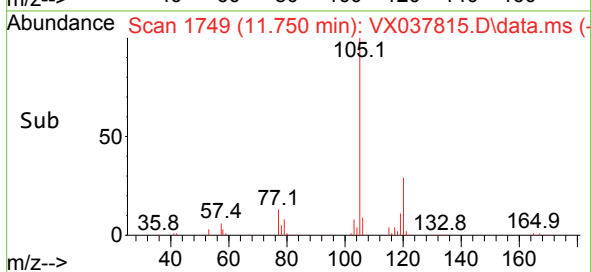
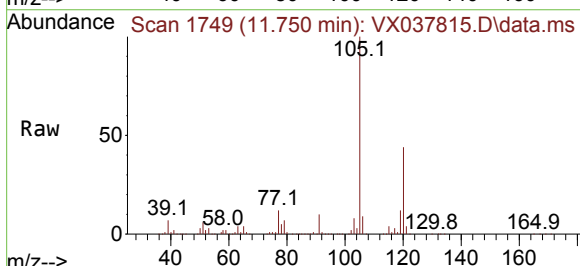
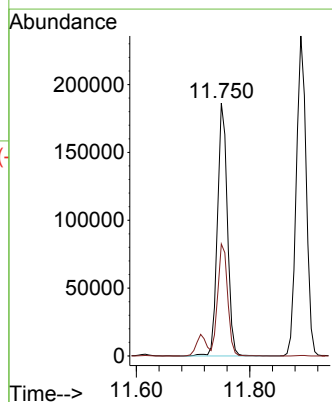
Acq: 19 Sep 2023 18:46

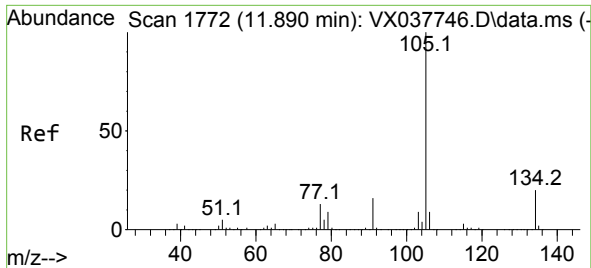
Tgt Ion:105 Resp: 225645

Ion Ratio Lower Upper

105 100

120 44.3 21.2 63.6

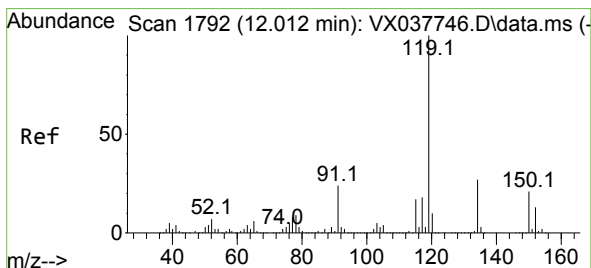
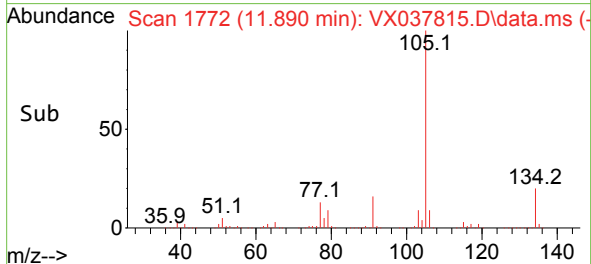
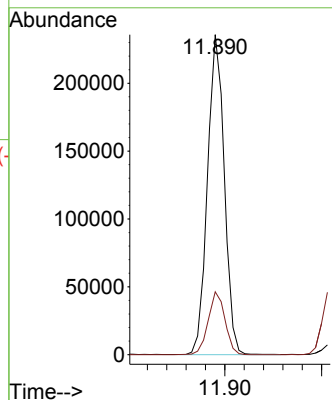
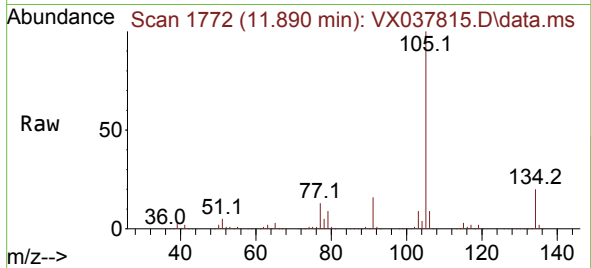




#85  
 sec-Butylbenzene  
 Concen: 19.438 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX037815.D  
 Acq: 19 Sep 2023 18:46

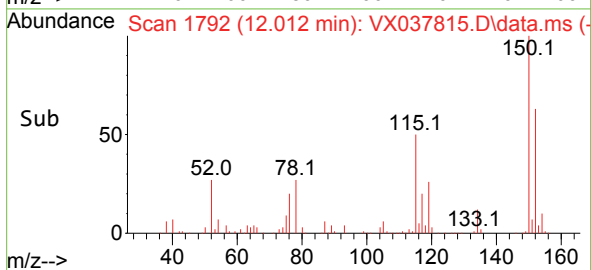
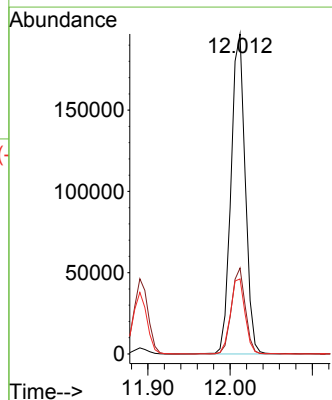
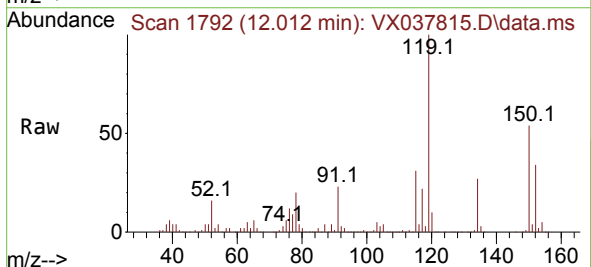
Instrument :  
 MSVOA\_X  
 ClientSampleId :

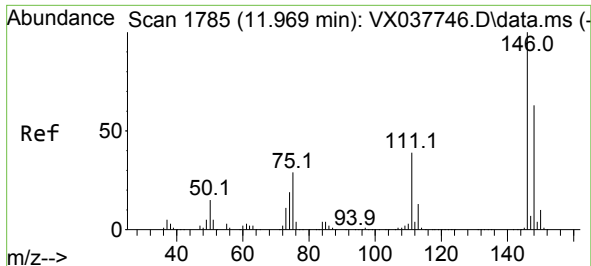
Tgt Ion:105 Resp: 285965  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 19.282 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. -0.000 min  
 Lab File: VX037815.D  
 Acq: 19 Sep 2023 18:46

Tgt Ion:119 Resp: 236344  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 12.8 38.3  
 91 24.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.363 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

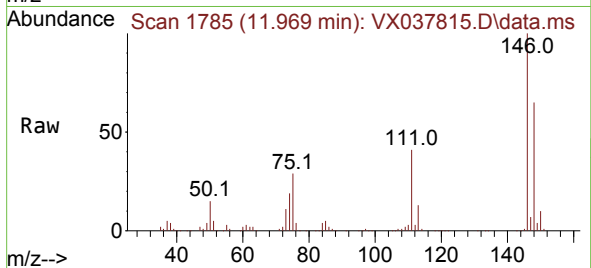
Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

ClientSampleId :



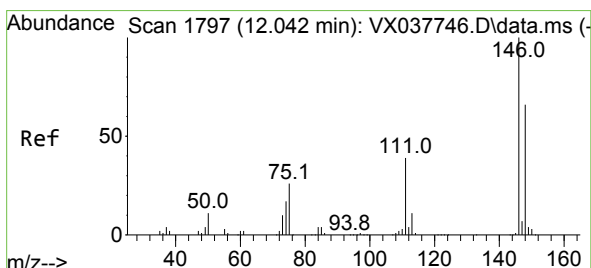
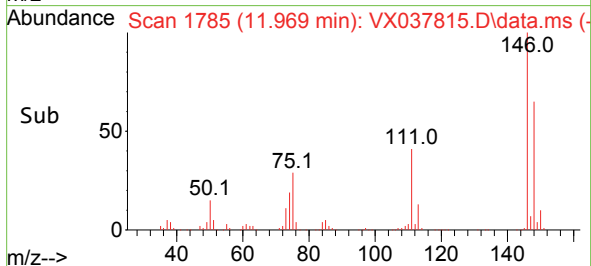
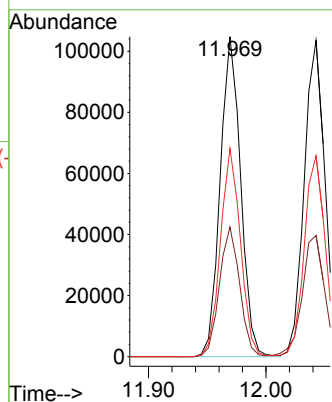
Tgt Ion:146 Resp: 126928

Ion Ratio Lower Upper

146 100

111 40.1 22.1 66.1

148 63.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.021 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

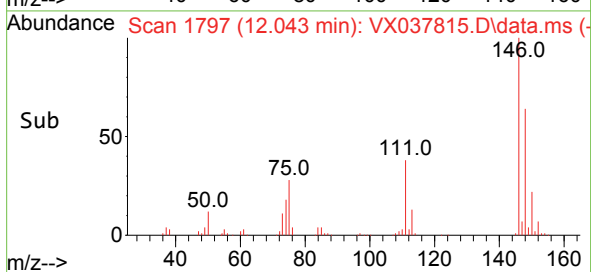
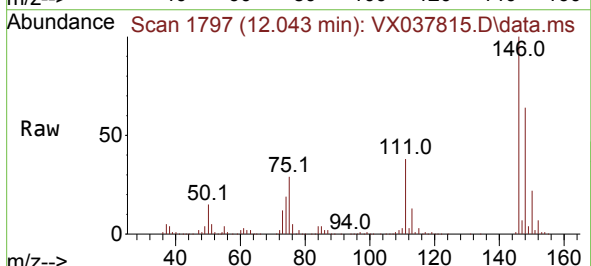
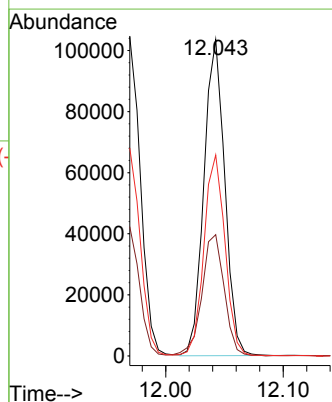
Tgt Ion:146 Resp: 127589

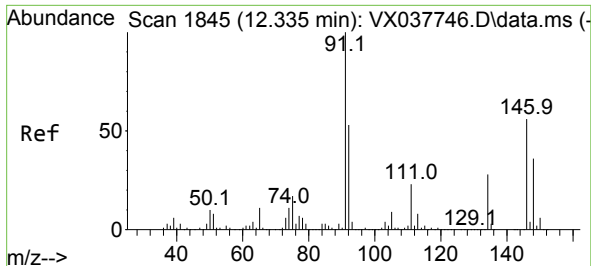
Ion Ratio Lower Upper

146 100

111 41.1 21.3 63.7

148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 20.423 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

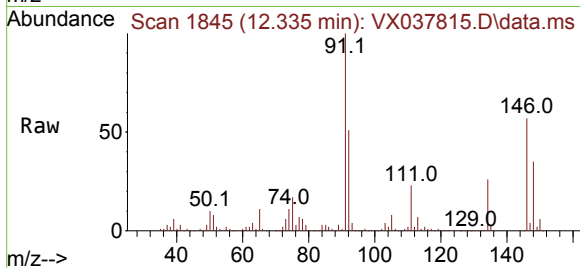
Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

ClientSampleId :



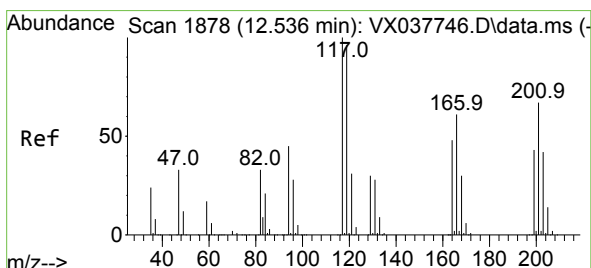
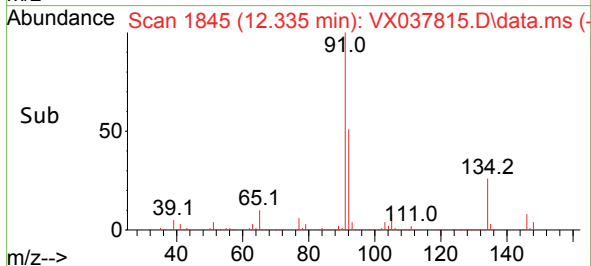
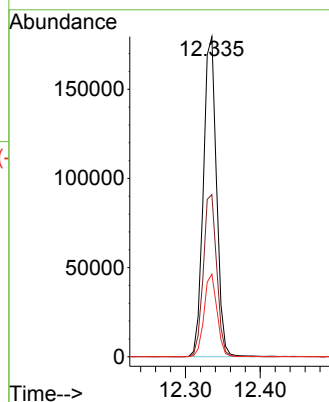
Tgt Ion: 91 Resp: 219293

Ion Ratio Lower Upper

91 100

92 51.8 27.4 82.0

134 25.4 12.6 37.8



#90

Hexachloroethane

Concen: 17.869 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037815.D

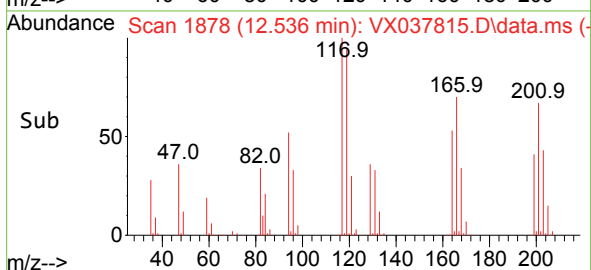
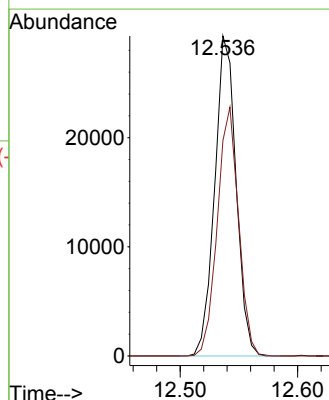
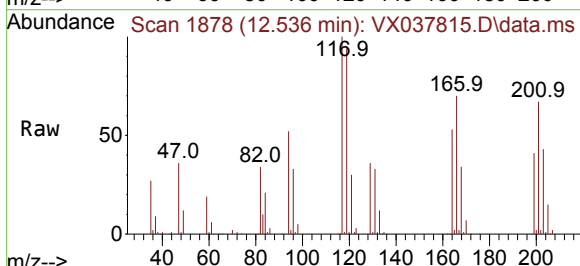
Acq: 19 Sep 2023 18:46

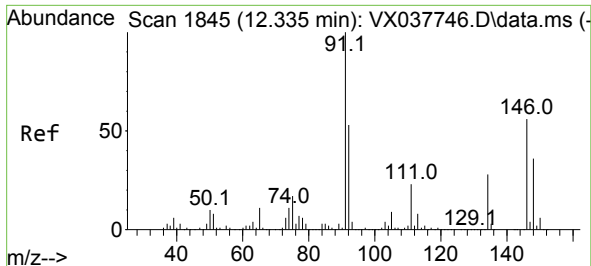
Tgt Ion: 117 Resp: 37109

Ion Ratio Lower Upper

117 100

201 77.1 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 18.920 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

ClientSampleId :

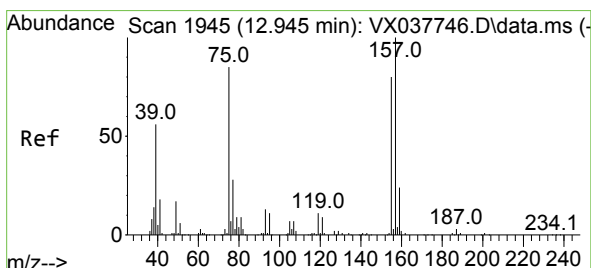
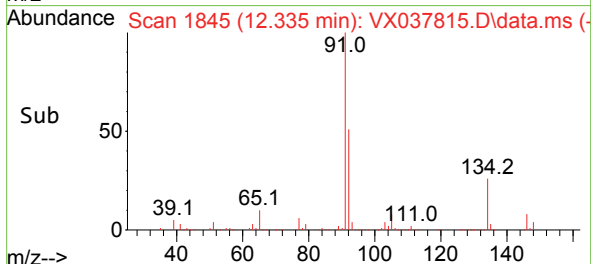
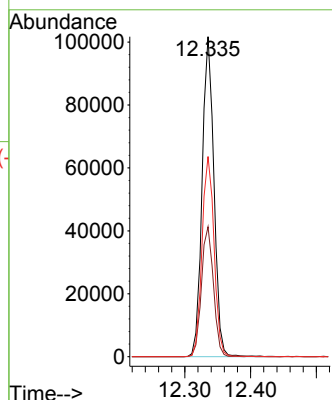
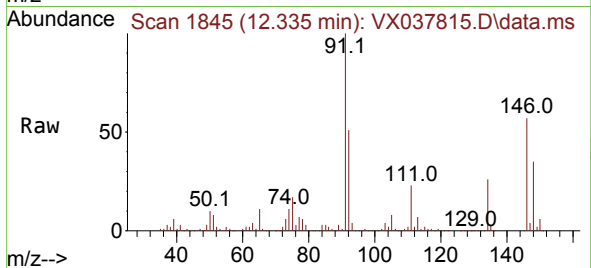
Tgt Ion:146 Resp: 126625

Ion Ratio Lower Upper

146 100

111 41.2 22.4 67.0

148 63.9 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.479 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

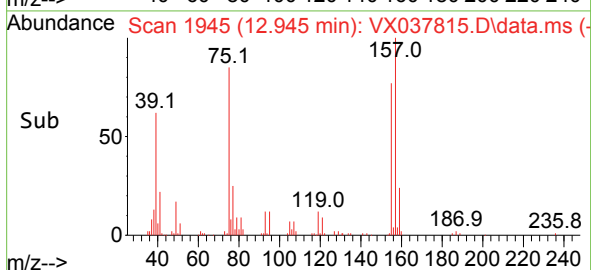
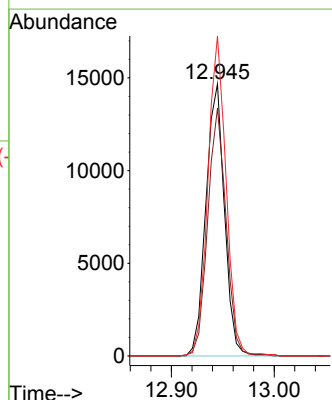
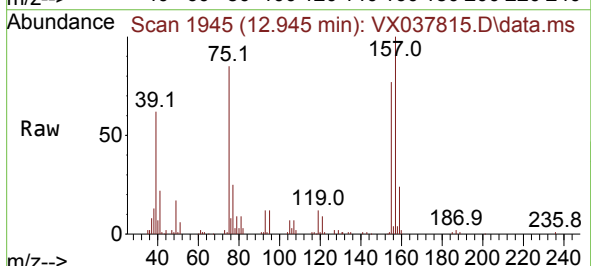
Tgt Ion: 75 Resp: 18406

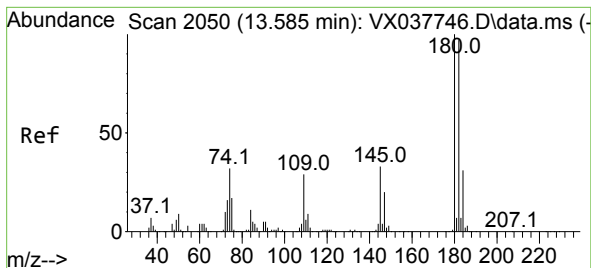
Ion Ratio Lower Upper

75 100

155 90.3 36.1 108.5

157 115.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 21.297 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037815.D

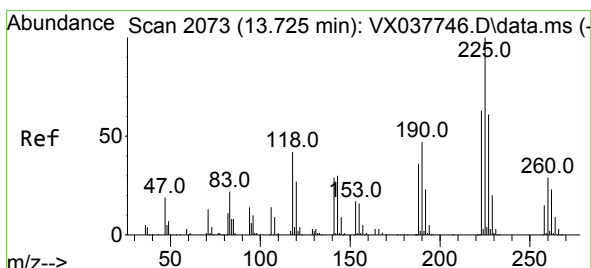
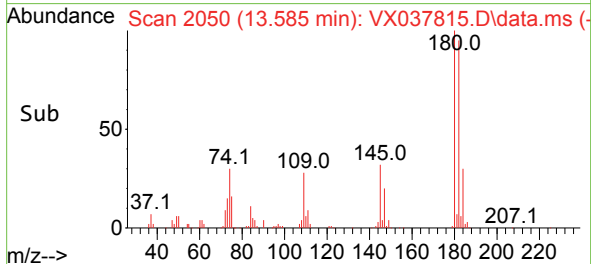
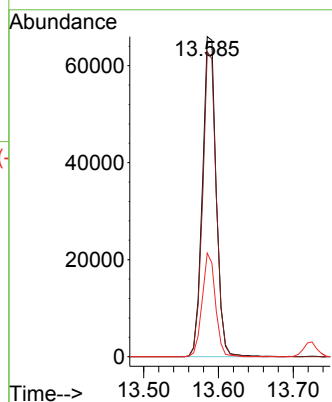
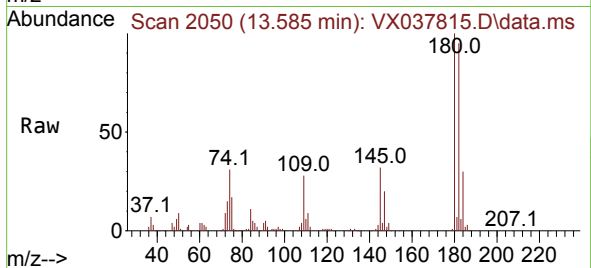
Acq: 19 Sep 2023 18:46

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 83960      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 94.8  | 48.3 144.8 |
| 145         | 31.2  | 18.0 54.0  |



#94

Hexachlorobutadiene

Concen: 20.399 ug/l

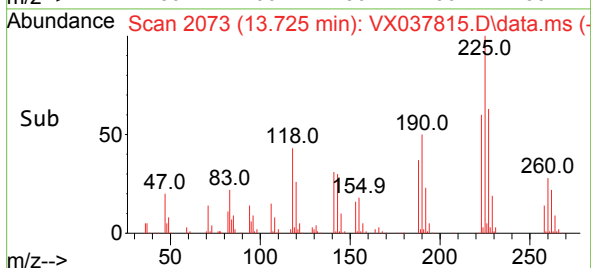
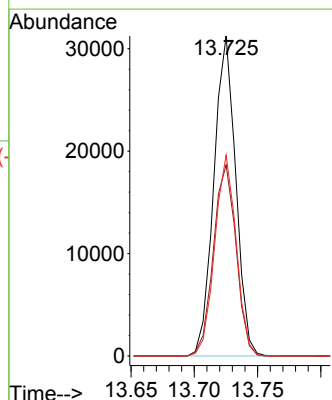
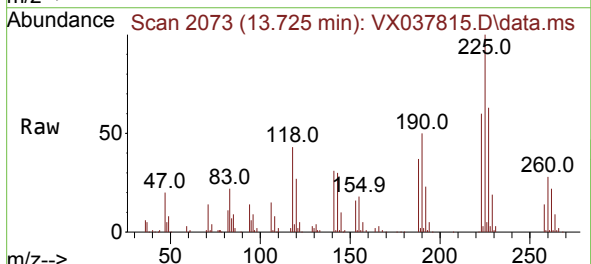
RT: 13.725 min Scan# 2073

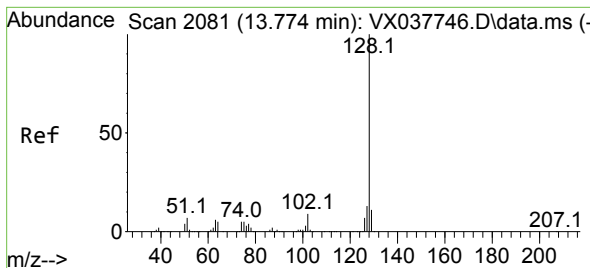
Delta R.T. -0.000 min

Lab File: VX037815.D

Acq: 19 Sep 2023 18:46

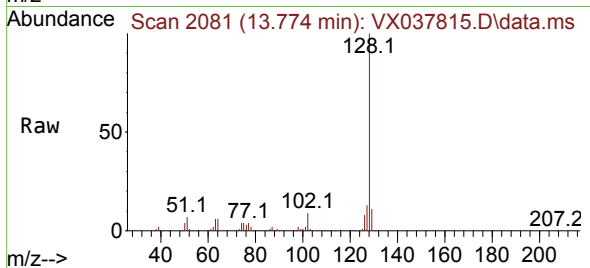
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 37556     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 61.8  | 31.1 93.2 |
| 227         | 61.6  | 32.5 97.5 |



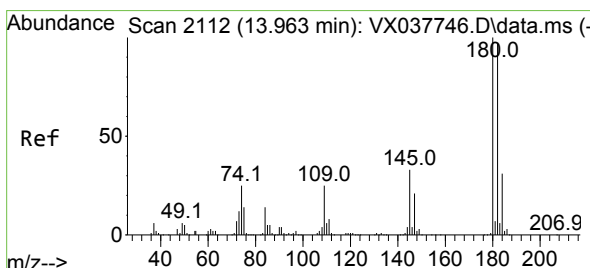
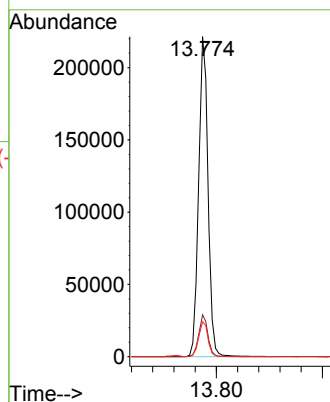
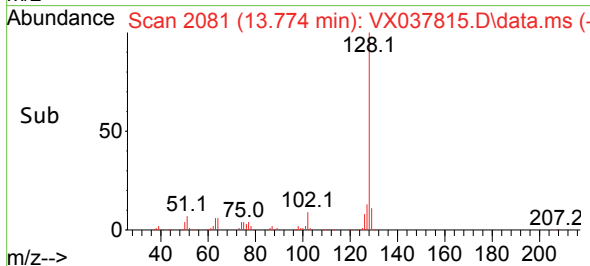


#95  
Naphthalene  
Concen: 20.458 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.006 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46

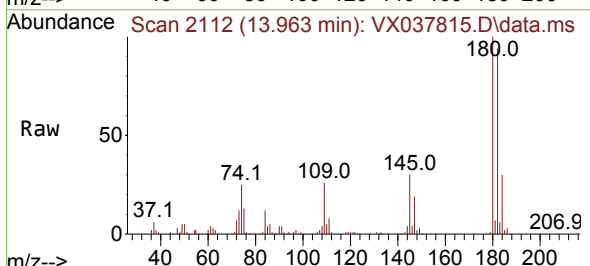
Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 272769  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.3 15.5  
129 10.8 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 20.780 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX037815.D  
Acq: 19 Sep 2023 18:46



Tgt Ion:180 Resp: 84304  
Ion Ratio Lower Upper  
180 100  
182 92.7 46.9 140.6  
145 31.5 17.8 53.5

