

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080624\  
 Data File : VX042867.D  
 Acq On : 06 Aug 2024 13:33  
 Operator : JC/MD  
 Sample : VX0806WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 07 04:58:52 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X080624W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Aug 07 04:53:59 2024  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Bromochloromethane        | 4.904          | 128  | 37399      | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.763          | 114  | 240280     | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.055         | 117  | 221648     | 30.000   | ug/l   | 0.00     |
|                              |                |      |            |          |        |          |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.952          | 65   | 108327     | 31.368   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = | 104.567% |        |          |
| 60) 4-Bromofluorobenzene     | 11.079         | 95   | 106718     | 29.512   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = | 98.367%  |        |          |
| 63) Toluene-d8               | 8.647          | 98   | 300820     | 30.046   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = | 100.167% |        |          |
|                              |                |      |            |          |        |          |
| Target Compounds             |                |      |            |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.167          | 85   | 43963      | 19.990   | ug/l   | 100      |
| 3) Chloromethane             | 1.301          | 50   | 39267      | 19.452   | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.374          | 62   | 41298      | 19.164   | ug/l   | 91       |
| 5) Bromomethane              | 1.599          | 94   | 26383      | 20.088   | ug/l   | 95       |
| 6) Chloroethane              | 1.666          | 64   | 24420      | 19.054   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.874          | 101  | 70755      | 20.590   | ug/l   | 100      |
| 8) Diethyl Ether             | 2.136          | 74   | 27515      | 20.373   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319          | 101  | 47061      | 20.086   | ug/l   | 99       |
| 10) 1,1-Dichloroethene       | 2.313          | 96   | 43861      | 19.597   | ug/l   | 90       |
| 11) Methyl Iodide            | 2.447          | 142  | 41102      | 19.957   | ug/l   | 93       |
| 12) Methyl Acetate           | 2.709          | 43   | 121192     | 24.772   | ug/l   | 99       |
| 13) Acrolein                 | 2.240          | 56   | 13929      | 98.464   | ug/l   | 97       |
| 14) Acrylonitrile            | 3.069          | 53   | 155574     | 104.612  | ug/l   | 98       |
| 15) Acetone                  | 2.392          | 58   | 44323      | 91.927   | ug/l   | 88       |
| 16) Carbon Disulfide         | 2.502          | 76   | 79706      | 17.114   | ug/l   | 98       |
| 17) Allyl chloride           | 2.660          | 41   | 74781      | 20.649   | ug/l   | 95       |
| 18) Methylene Chloride       | 2.782          | 84   | 52749      | 20.322   | ug/l   | 92       |
| 19) trans-1,2-Dichloroethene | 3.087          | 96   | 44177      | 19.384   | ug/l   | 96       |
| 20) Diisopropyl ether        | 3.764          | 45   | 167904     | 21.225   | ug/l   | 98       |
| 21) 1,1-Dichloroethane       | 3.605          | 63   | 91276      | 20.290   | ug/l   | 97       |
| 22) cis-1,2-Dichloroethene   | 4.489          | 96   | 58756      | 20.544   | ug/l   | 97       |
| 23) tert-Butyl Alcohol       | 2.989          | 59   | 65349      | 95.312   | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.117          | 73   | 171070     | 21.119   | ug/l   | 99       |
| 25) Chloroform               | 5.093          | 83   | 98374      | 20.210   | ug/l   | 97       |
| 26) Cyclohexane              | 5.458          | 56   | 68767      | 19.378   | ug/l # | 96       |
| 29) 1,1-Dichloropropene      | 5.684          | 75   | 60658      | 19.589   | ug/l   | 97       |
| 30) 2-Butanone               | 4.562          | 43   | 231184     | 101.384  | ug/l   | 99       |
| 31) 2,2-Dichloropropane      | 4.471          | 77   | 70895      | 19.594   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 5.379          | 97   | 81722      | 19.063   | ug/l   | 99       |
| 33) Carbon Tetrachloride     | 5.672          | 117  | 70146      | 19.129   | ug/l   | 97       |
| 34) Benzene                  | 6.032          | 78   | 196515     | 19.823   | ug/l   | 96       |
| 35) Methacrylonitrile        | 4.922          | 41   | 44655      | 20.728   | ug/l   | 97       |
| 36) 1,2-Dichloroethane       | 6.086          | 62   | 74579      | 20.384   | ug/l   | 99       |
| 37) Trichloroethene          | 7.123          | 130  | 48669      | 19.392   | ug/l   | 98       |
| 38) Methylcyclohexane        | 7.379          | 83   | 71938      | 18.746   | ug/l   | 99       |
| 39) 1,2-Dichloropropane      | 7.428          | 63   | 50794      | 20.099   | ug/l   | 97       |
| 40) Dibromomethane           | 7.580          | 93   | 38286      | 20.065   | ug/l   | 99       |
| 41) Bromodichloromethane     | 7.824          | 83   | 71139      | 18.801   | ug/l   | 96       |
| 42) Vinyl Acetate            | 3.721          | 43   | 671738     | 100.723  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080624\  
 Data File : VX042867.D  
 Acq On : 06 Aug 2024 13:33  
 Operator : JC/MD  
 Sample : VX0806WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 07 04:58:52 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X080624W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Aug 07 04:53:59 2024  
 Response via : Initial Calibration

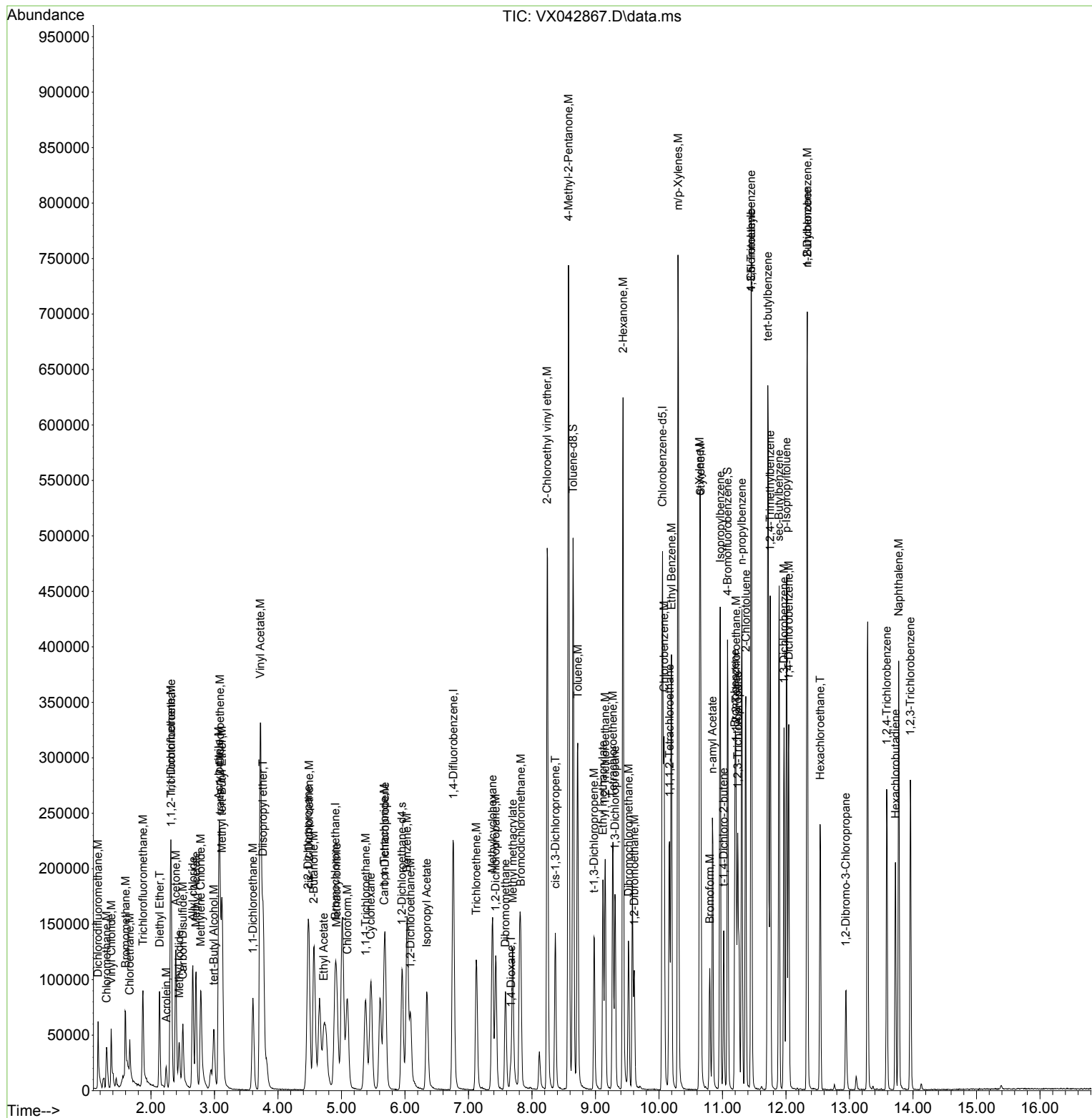
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 4.721  | 43   | 81712    | 21.361  | ug/l   | 97       |
| 44) Isopropyl Acetate         | 6.342  | 43   | 124792   | 20.270  | ug/l   | 97       |
| 45) 1,4-Dioxane               | 7.671  | 88   | 20825    | 323.113 | ug/l # | 85       |
| 46) Methyl methacrylate       | 7.696  | 41   | 60515    | 19.780  | ug/l   | 96       |
| 47) n-amyl Acetate            | 10.842 | 43   | 102732   | 19.507  | ug/l   | 99       |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 68500    | 18.884  | ug/l   | 97       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 75725    | 19.277  | ug/l   | 97       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 54401    | 20.903  | ug/l   | 96       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 83664    | 19.647  | ug/l   | 97       |
| 52) 1,3-Dichloropropane       | 9.305  | 76   | 85861    | 20.104  | ug/l   | 99       |
| 53) Dibromochloromethane      | 9.519  | 129  | 57405    | 18.954  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 55415    | 20.474  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 8.238  | 63   | 205469   | 104.485 | ug/l   | 98       |
| 56) Bromoform                 | 10.799 | 173  | 39401    | 18.149  | ug/l   | 99       |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 447549   | 107.223 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 336667   | 102.047 | ug/l   | 100      |
| 61) Tetrachloroethene         | 9.275  | 164  | 43170    | 19.618  | ug/l   | 99       |
| 62) Toluene                   | 8.720  | 91   | 212795   | 19.602  | ug/l   | 100      |
| 64) Chlorobenzene             | 10.080 | 112  | 137126   | 19.736  | ug/l   | 98       |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 51042    | 20.236  | ug/l   | 98       |
| 66) Ethyl Benzene             | 10.195 | 91   | 231996   | 19.227  | ug/l   | 98       |
| 67) m/p-Xylenes               | 10.299 | 106  | 175436   | 38.456  | ug/l   | 100      |
| 68) o-Xylene                  | 10.640 | 106  | 88621    | 19.706  | ug/l   | 98       |
| 69) Styrene                   | 10.653 | 104  | 149919   | 19.360  | ug/l   | 100      |
| 70) Isopropylbenzene          | 10.964 | 105  | 230265   | 19.455  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 87638    | 20.530  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 92508    | 26.530  | ug/l   | 83       |
| 73) Bromobenzene              | 11.195 | 156  | 57036    | 18.965  | ug/l   | 99       |
| 74) n-propylbenzene           | 11.305 | 91   | 261433   | 18.882  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 166668   | 19.722  | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 195046   | 19.443  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 22279    | 17.970  | ug/l   | 81       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 184322   | 19.018  | ug/l   | 99       |
| 79) tert-butylbenzene         | 11.713 | 119  | 198260   | 19.261  | ug/l   | 100      |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 194827   | 19.685  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 11.890 | 105  | 243261   | 19.282  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 202103   | 19.129  | ug/l   | 100      |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 105650   | 19.086  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 12.043 | 146  | 106322   | 19.105  | ug/l   | 99       |
| 85) n-Butylbenzene            | 12.335 | 91   | 167990   | 17.641  | ug/l   | 98       |
| 86) Hexachloroethane          | 12.536 | 117  | 33796    | 17.724  | ug/l   | 99       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 110848   | 20.102  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 18010    | 18.675  | ug/l   | 97       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 63657    | 17.744  | ug/l   | 95       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 28647    | 18.478  | ug/l   | 97       |
| 91) Naphthalene               | 13.774 | 128  | 235718   | 19.518  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 67124    | 18.528  | ug/l   | 98       |

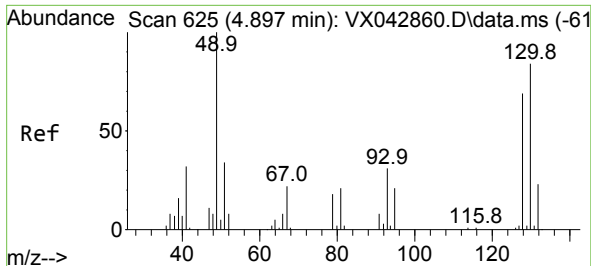
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080624\  
Data File : VX042867.D  
Acq On : 06 Aug 2024 13:33  
Operator : JC/MD  
Sample : VX0806WBSD01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**  
MSVOA\_X  
**ClientSampleId :**

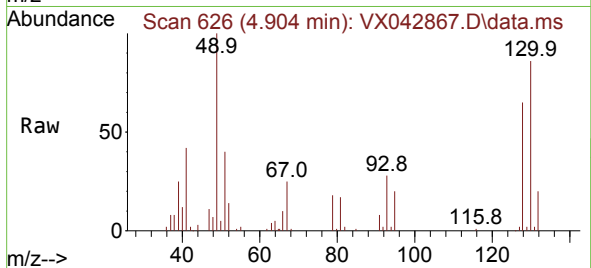
Quant Time: Aug 07 04:58:52 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X080624W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Wed Aug 07 04:53:59 2024  
Response via : Initial Calibration



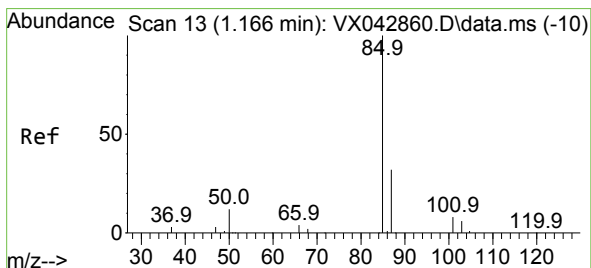
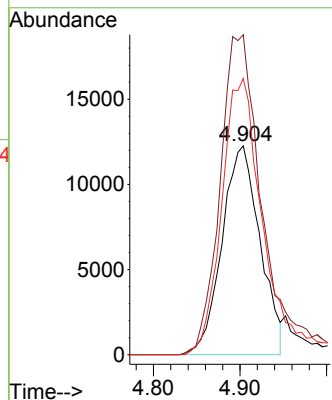
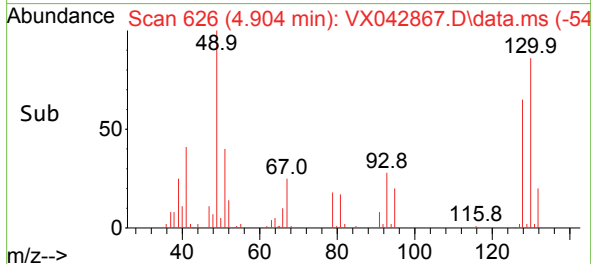


#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.904 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :

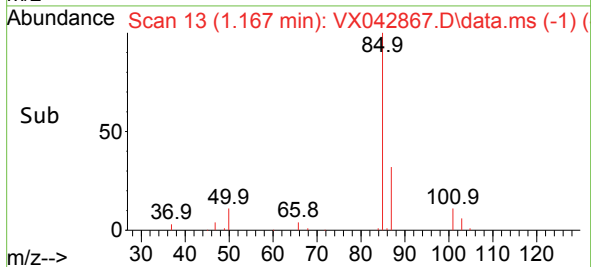
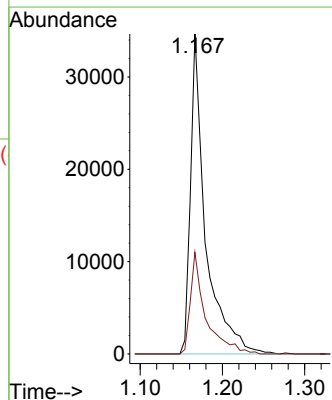
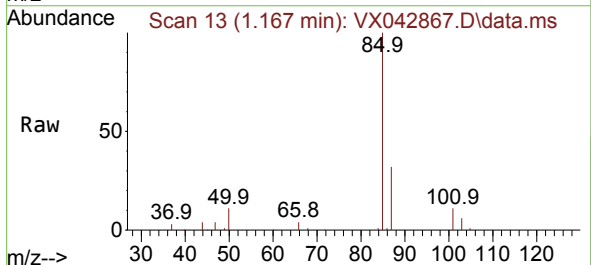


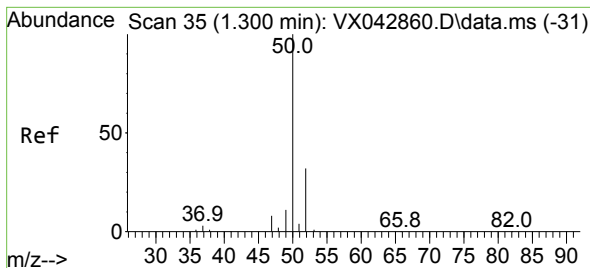
Tgt Ion:128 Resp: 37399  
Ion Ratio Lower Upper  
128 100  
49 172.4 0.0 400.5  
130 144.3 0.0 333.0



#2  
Dichlorodifluoromethane  
Concen: 19.990 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Tgt Ion: 85 Resp: 43963  
Ion Ratio Lower Upper  
85 100  
87 31.7 16.0 48.0





#3

Chloromethane

Concen: 19.452 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

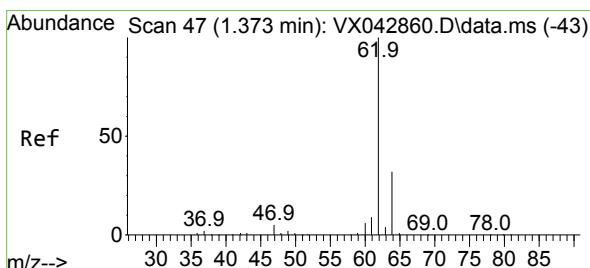
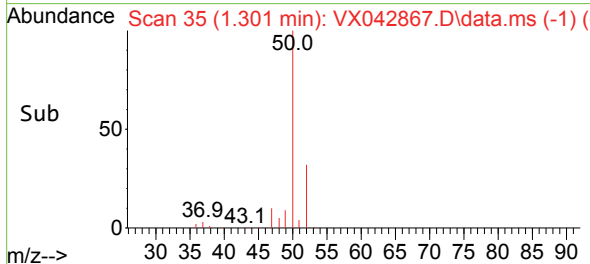
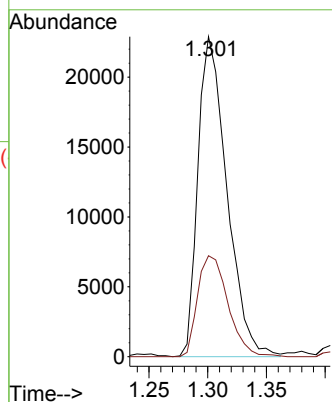
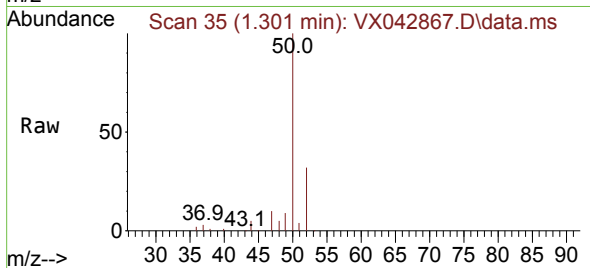
ClientSampleId :

Tgt Ion: 50 Resp: 39267

Ion Ratio Lower Upper

50 100

52 31.6 26.0 39.0



#4

Vinyl Chloride

Concen: 19.164 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX042867.D

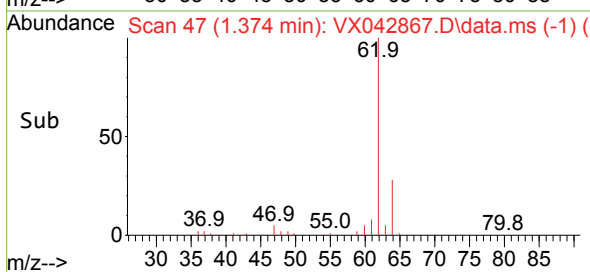
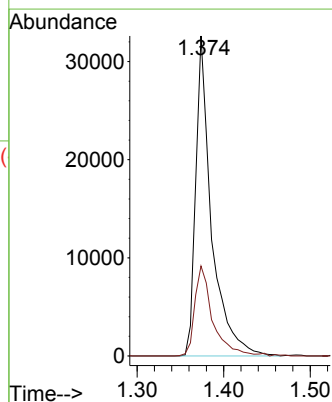
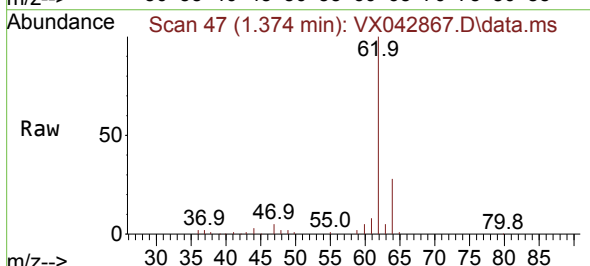
Acq: 06 Aug 2024 13:33

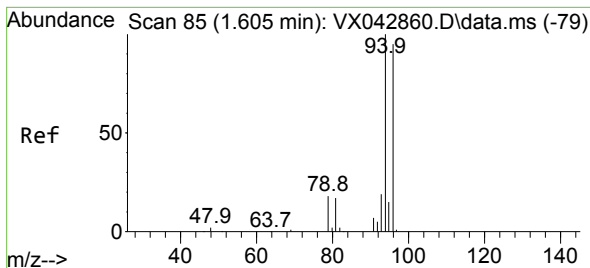
Tgt Ion: 62 Resp: 41298

Ion Ratio Lower Upper

62 100

64 27.9 26.3 39.5





#5

Bromomethane

Concen: 20.088 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.006 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

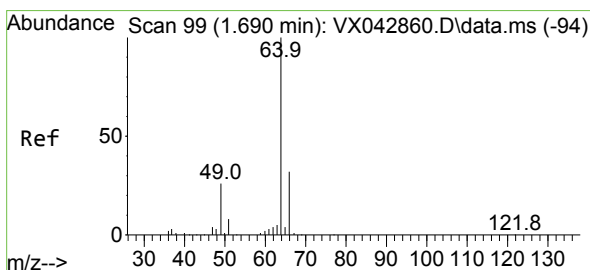
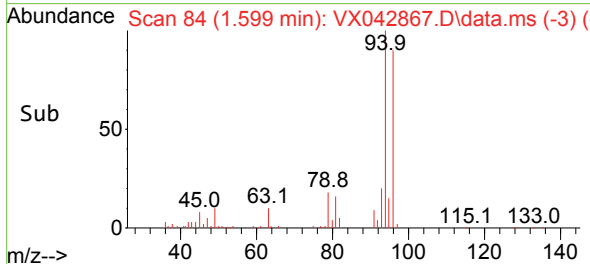
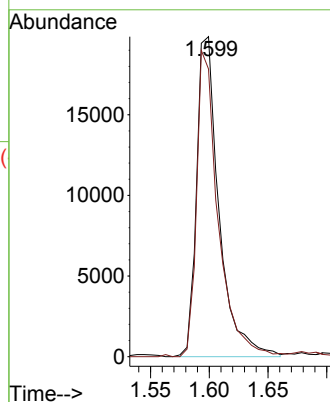
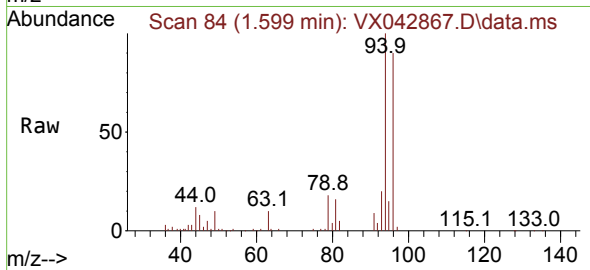
ClientSampleId :

Tgt Ion: 94 Resp: 26383

Ion Ratio Lower Upper

94 100

96 90.4 76.2 114.4



#6

Chloroethane

Concen: 19.054 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.024 min

Lab File: VX042867.D

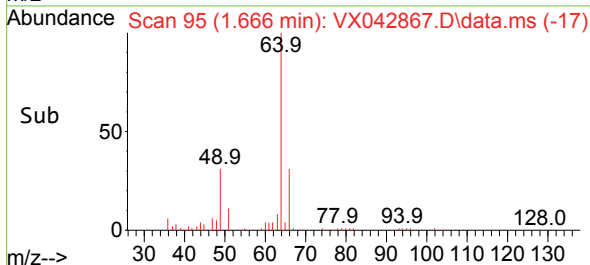
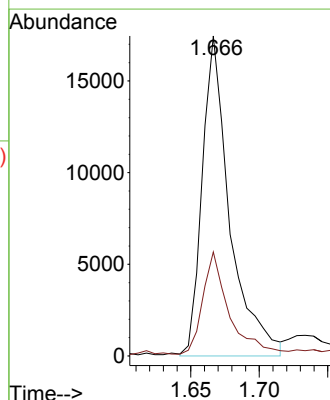
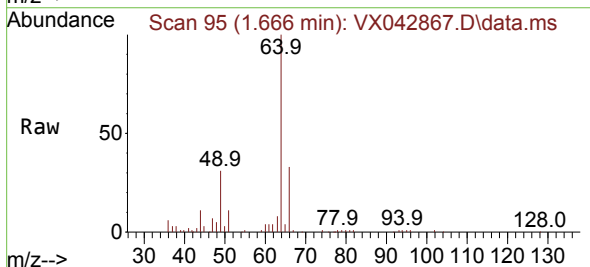
Acq: 06 Aug 2024 13:33

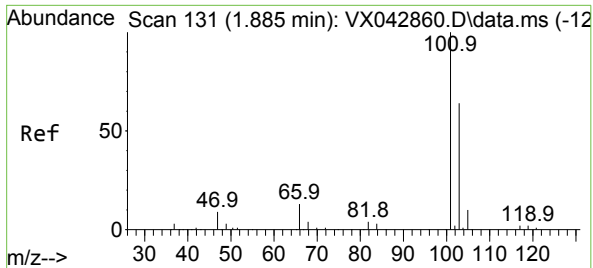
Tgt Ion: 64 Resp: 24420

Ion Ratio Lower Upper

64 100

66 32.1 25.9 38.9

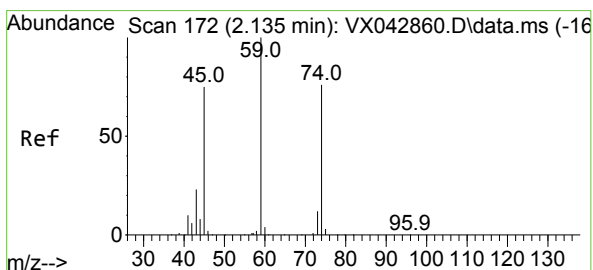
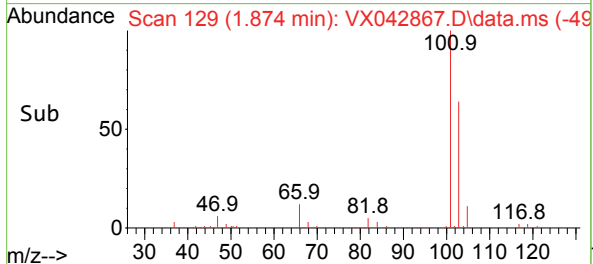
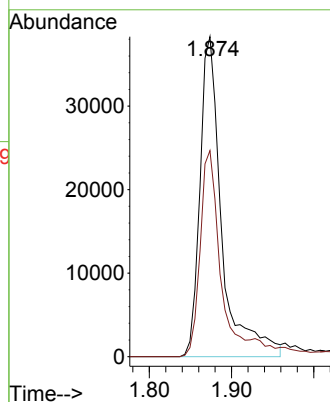
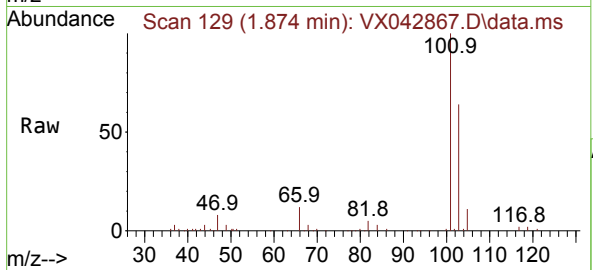




#7  
Trichlorofluoromethane  
Concen: 20.590 ug/l  
RT: 1.874 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

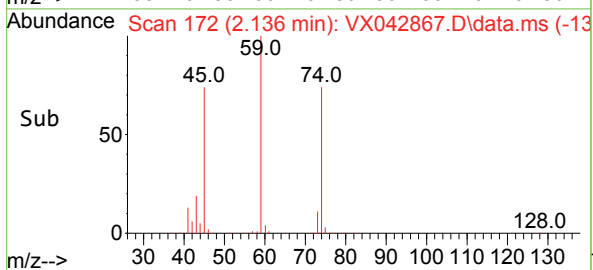
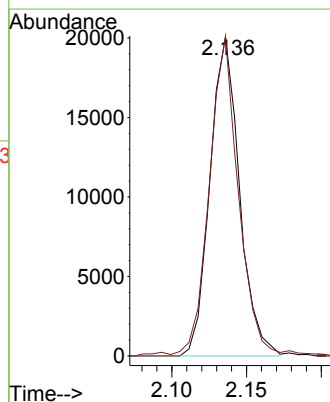
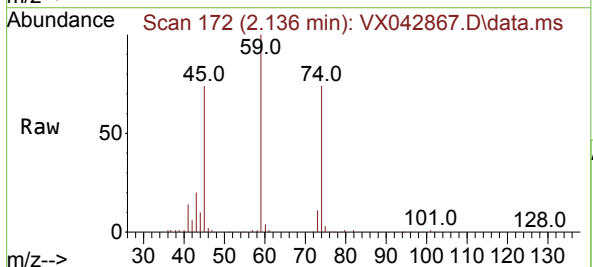
Instrument :  
MSVOA\_X  
ClientSampleId :

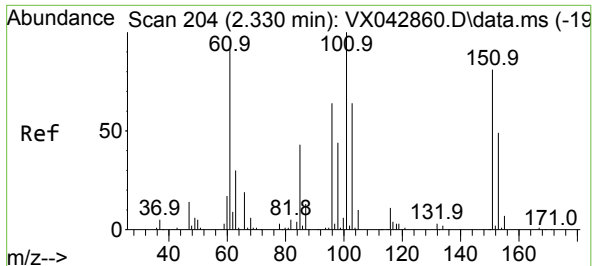
Tgt Ion:101 Resp: 70755  
Ion Ratio Lower Upper  
101 100  
103 64.4 51.5 77.3



#8  
Diethyl Ether  
Concen: 20.373 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Tgt Ion: 74 Resp: 27515  
Ion Ratio Lower Upper  
74 100  
45 99.4 20.3 182.3

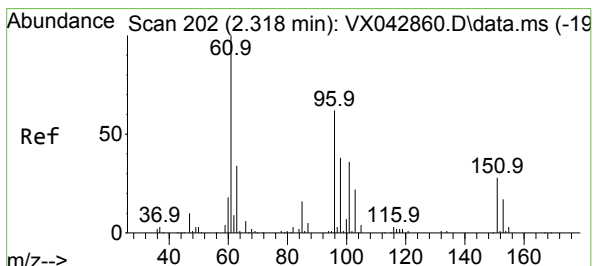
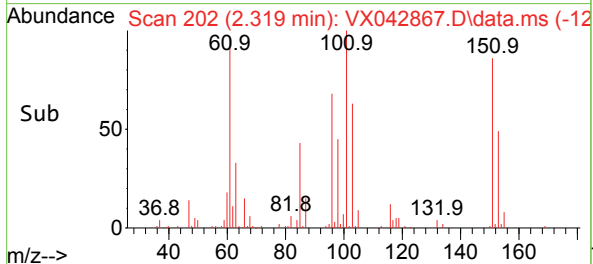
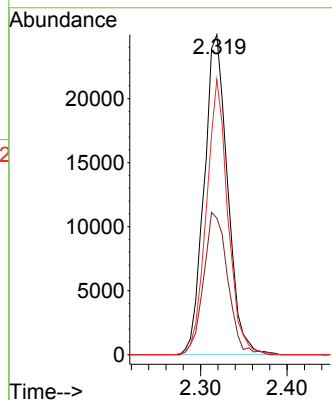
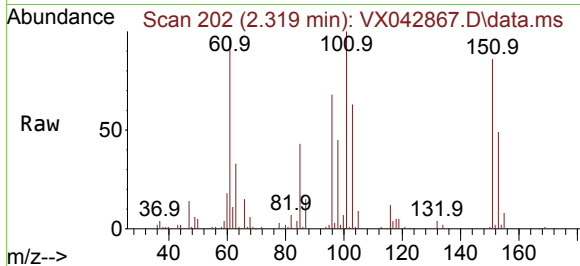




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.086 ug/l  
RT: 2.319 min Scan# 20  
Delta R.T. -0.012 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

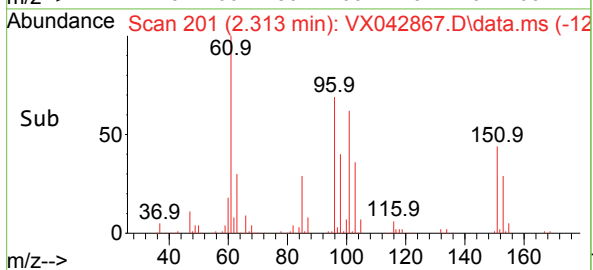
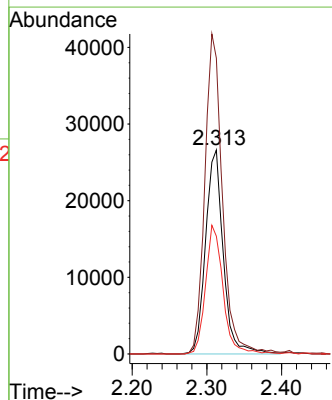
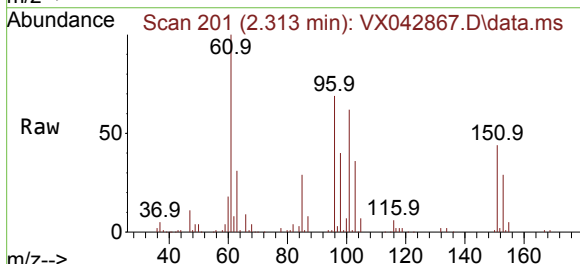
Instrument :  
MSVOA\_X  
ClientSampleId :

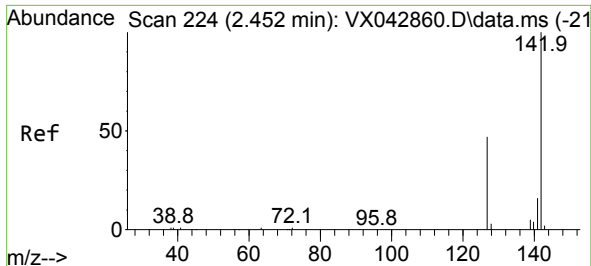
Tgt Ion:101 Resp: 47061  
Ion Ratio Lower Upper  
101 100  
85 45.5 0.0 88.6  
151 78.8 0.0 157.6



#10  
1,1-Dichloroethene  
Concen: 19.597 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. -0.006 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

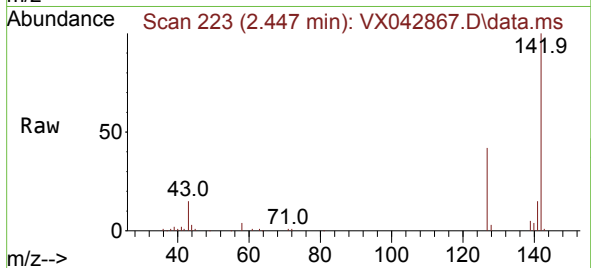
Tgt Ion: 96 Resp: 43861  
Ion Ratio Lower Upper  
96 100  
61 145.1 129.2 193.8  
98 57.8 48.6 72.8



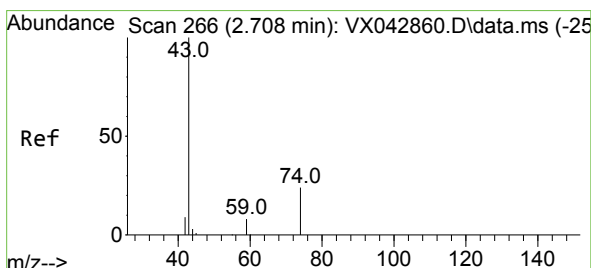
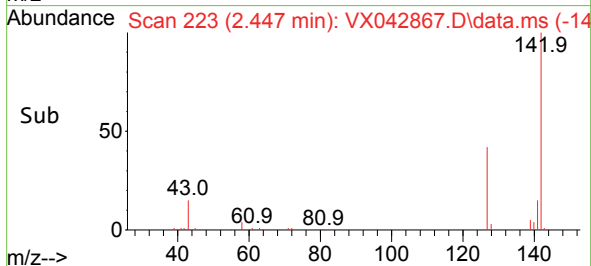
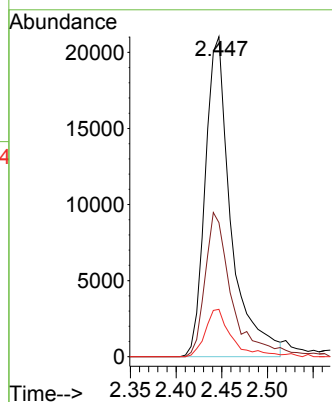


#11  
Methyl Iodide  
Concen: 19.957 ug/l  
RT: 2.447 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :

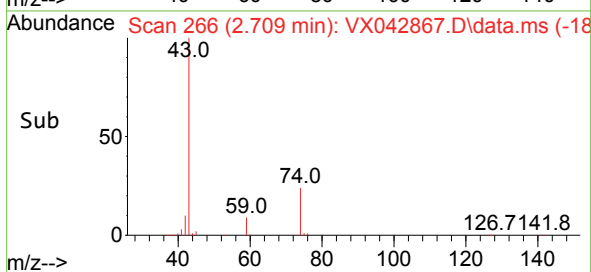
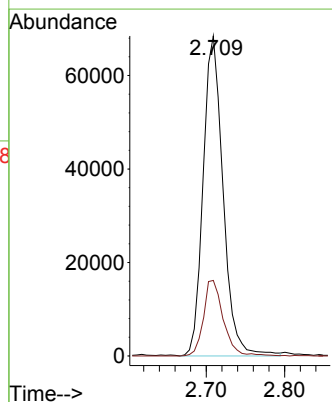
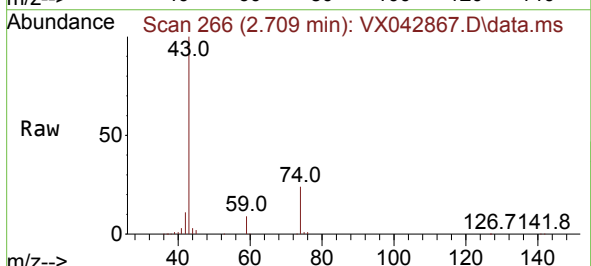


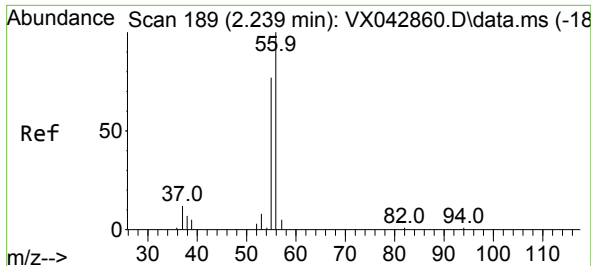
Tgt Ion:142 Resp: 41102  
Ion Ratio Lower Upper  
142 100  
127 41.4 23.6 71.0  
141 14.9 8.0 23.8



#12  
Methyl Acetate  
Concen: 24.772 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Tgt Ion: 43 Resp: 121192  
Ion Ratio Lower Upper  
43 100  
74 23.6 19.4 29.2





#13

Acrolein

Concen: 98.464 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

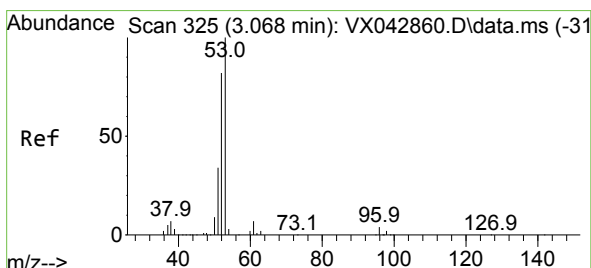
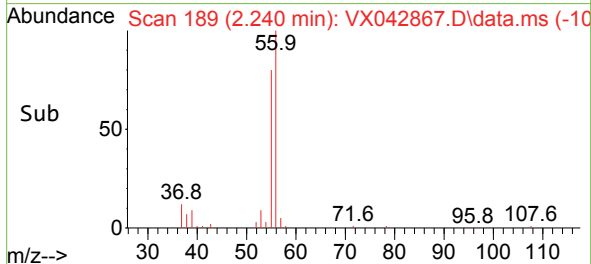
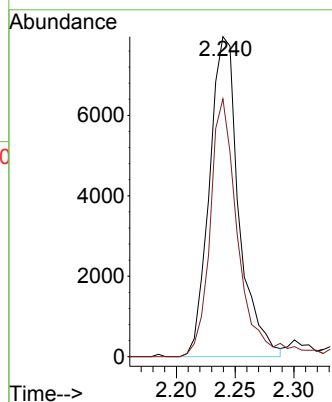
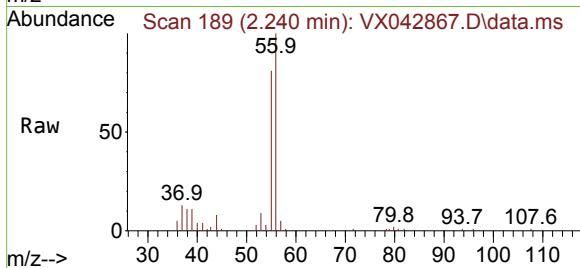
ClientSampleId :

Tgt Ion: 56 Resp: 13929

Ion Ratio Lower Upper

56 100

55 73.1 60.6 90.8



#14

Acrylonitrile

Concen: 104.612 ug/l

RT: 3.069 min Scan# 325

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

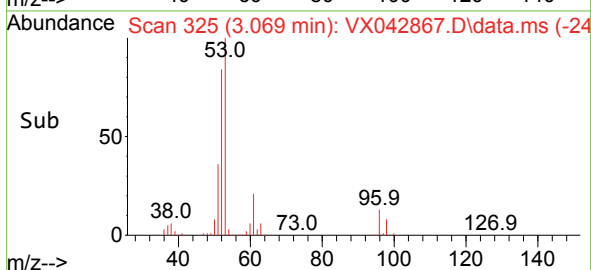
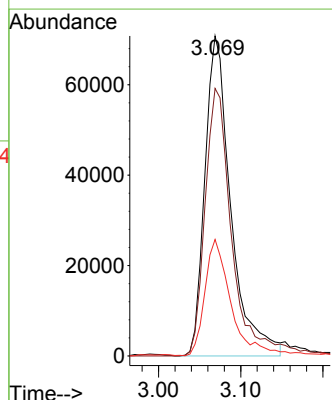
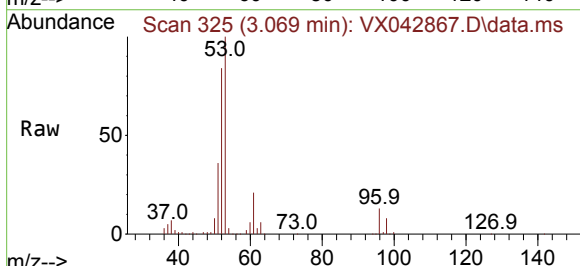
Tgt Ion: 53 Resp: 155574

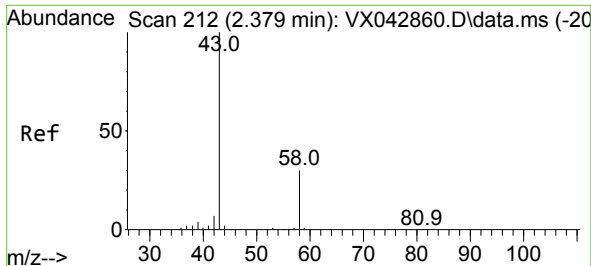
Ion Ratio Lower Upper

53 100

52 81.4 41.2 123.6

51 33.6 17.9 53.8





#15

Acetone

Concen: 91.927 ug/l

RT: 2.392 min Scan# 21

Delta R.T. 0.013 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

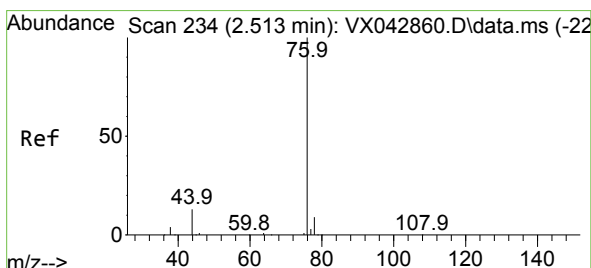
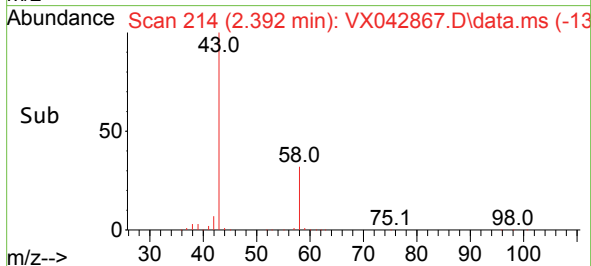
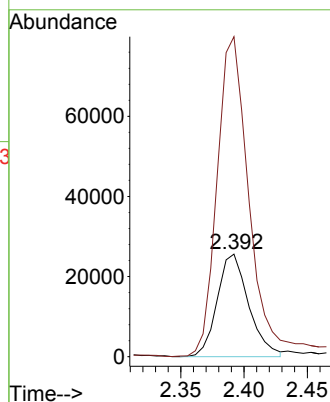
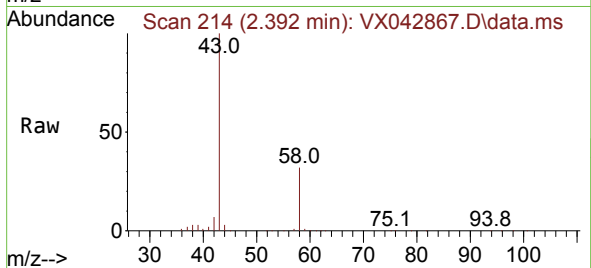
ClientSampleId :

Tgt Ion: 58 Resp: 44323

Ion Ratio Lower Upper

58 100

43 311.5 269.9 404.9



#16

Carbon Disulfide

Concen: 17.114 ug/l

RT: 2.502 min Scan# 232

Delta R.T. -0.012 min

Lab File: VX042867.D

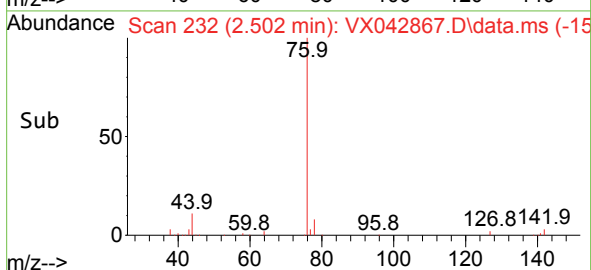
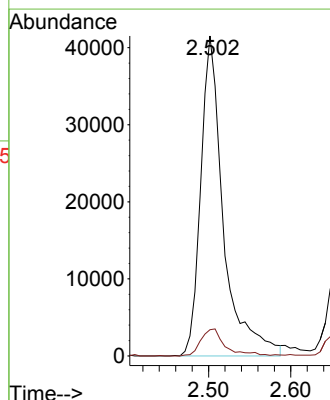
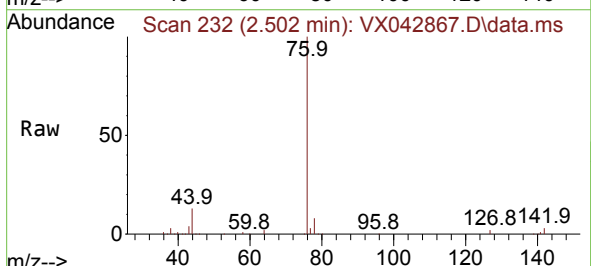
Acq: 06 Aug 2024 13:33

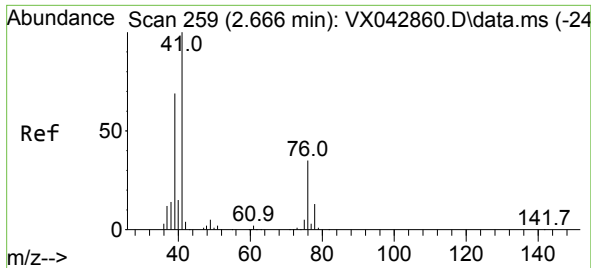
Tgt Ion: 76 Resp: 79706

Ion Ratio Lower Upper

76 100

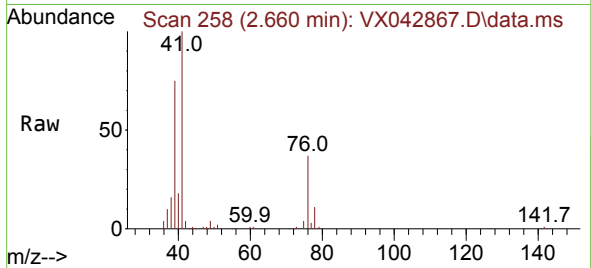
78 8.2 7.1 10.7



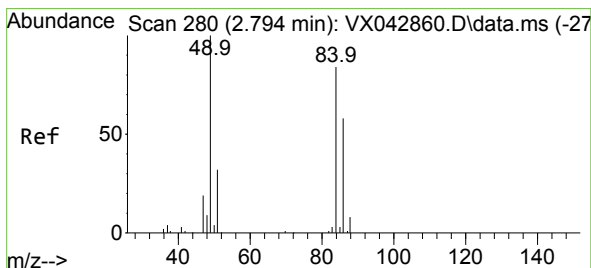
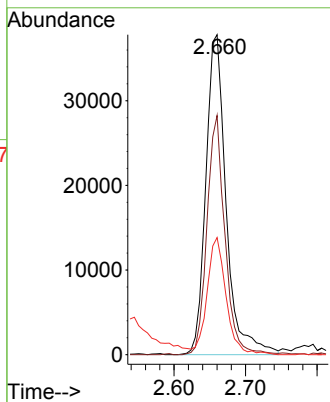
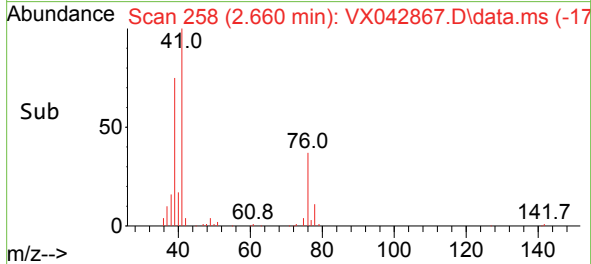


#17  
 Allyl chloride  
 Concen: 20.649 ug/l  
 RT: 2.660 min Scan# 259  
 Delta R.T. -0.006 min  
 Lab File: VX042867.D  
 Acq: 06 Aug 2024 13:33

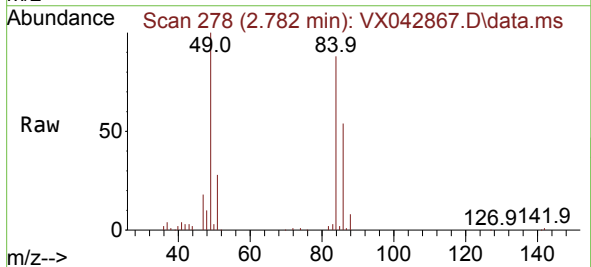
Instrument :  
 MSVOA\_X  
 ClientSampleId :



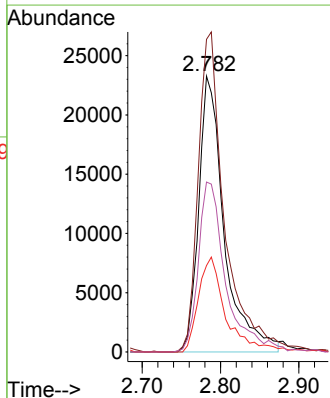
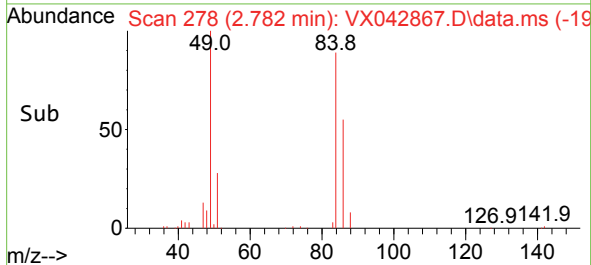
Tgt Ion: 41 Resp: 74781  
 Ion Ratio Lower Upper  
 41 100  
 39 74.8 34.6 103.9  
 76 36.6 18.4 55.4

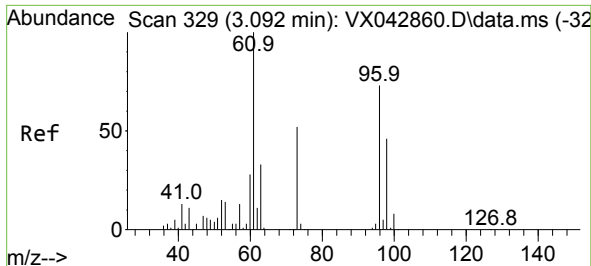


#18  
 Methylene Chloride  
 Concen: 20.322 ug/l  
 RT: 2.782 min Scan# 278  
 Delta R.T. -0.012 min  
 Lab File: VX042867.D  
 Acq: 06 Aug 2024 13:33



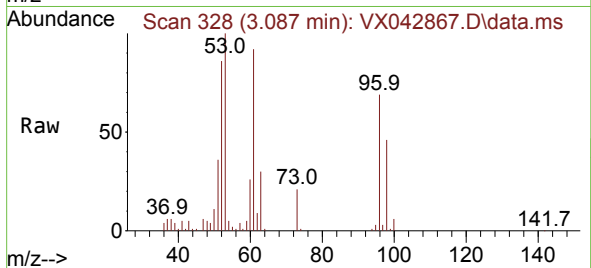
Tgt Ion: 84 Resp: 52749  
 Ion Ratio Lower Upper  
 84 100  
 49 113.0 95.0 142.6  
 51 31.3 30.1 45.1  
 86 61.2 55.4 83.2



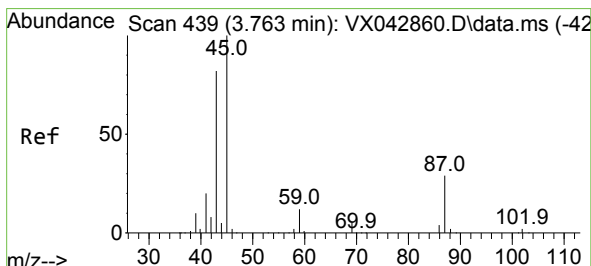
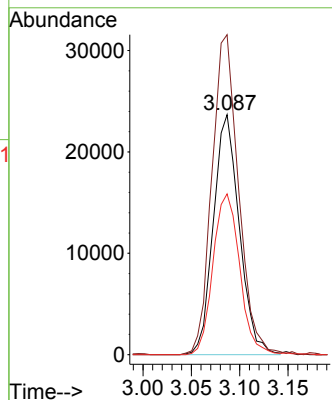
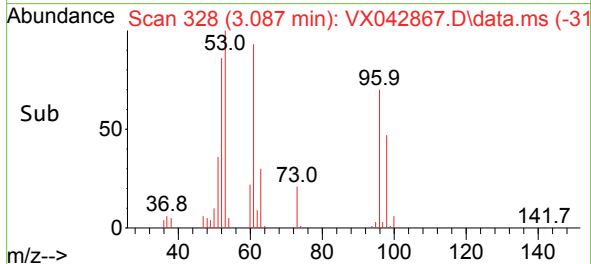


#19  
trans-1,2-Dichloroethene  
Concen: 19.384 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

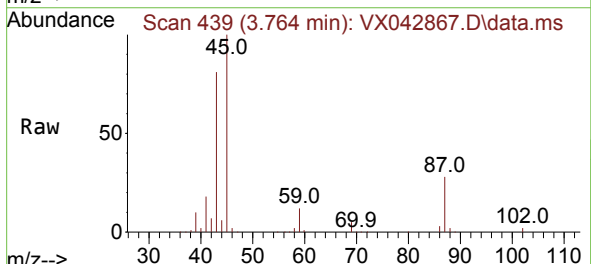
Instrument :  
MSVOA\_X  
ClientSampleId :



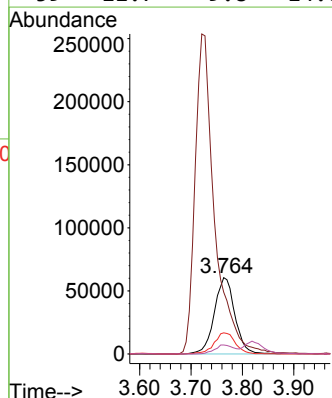
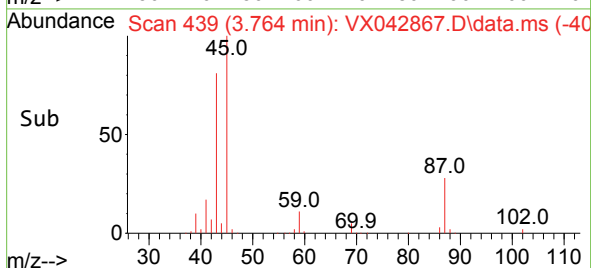
Tgt Ion: 96 Resp: 44177  
Ion Ratio Lower Upper  
96 100  
61 133.3 109.6 164.4  
98 67.0 50.4 75.6

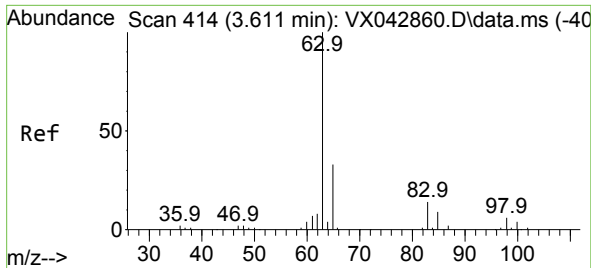


#20  
Diisopropyl ether  
Concen: 21.225 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33



Tgt Ion: 45 Resp: 167904  
Ion Ratio Lower Upper  
45 100  
43 80.3 65.4 98.2  
87 27.7 23.0 34.6  
59 11.7 9.8 14.6

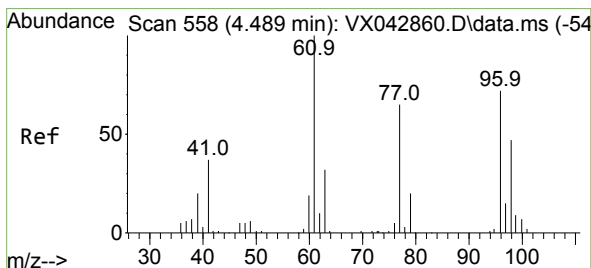
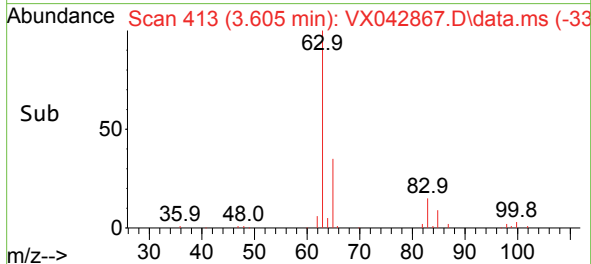
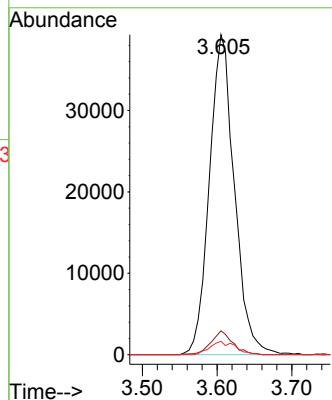
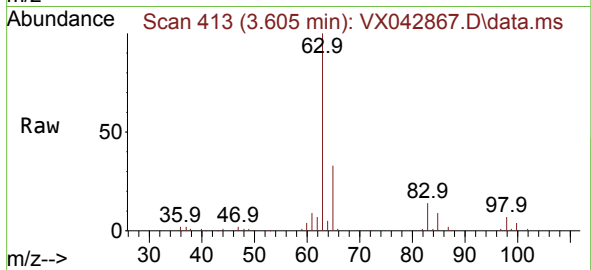




#21  
1,1-Dichloroethane  
Concen: 20.290 ug/l  
RT: 3.605 min Scan# 414  
Delta R.T. -0.006 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

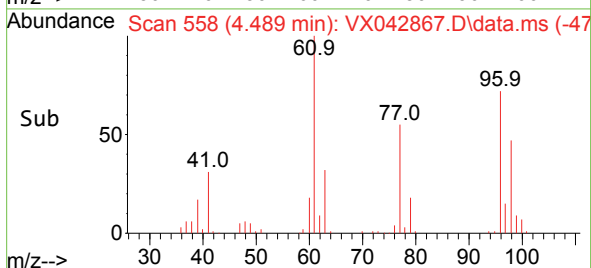
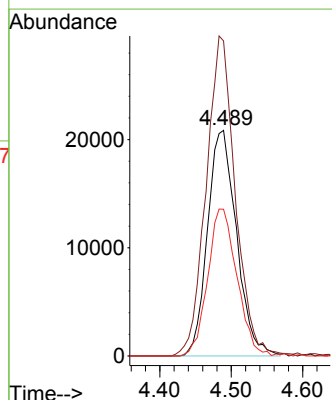
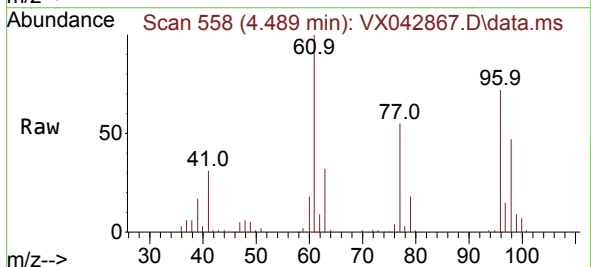
Instrument :  
MSVOA\_X  
ClientSampleId :

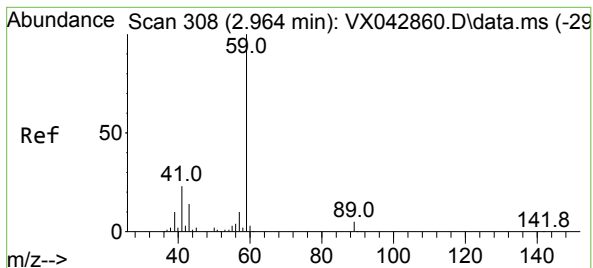
Tgt Ion: 63 Resp: 91276  
Ion Ratio Lower Upper  
63 100  
98 7.5 2.9 8.8  
100 4.2 2.1 6.3



#22  
cis-1,2-Dichloroethene  
Concen: 20.544 ug/l  
RT: 4.489 min Scan# 558  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Tgt Ion: 96 Resp: 58756  
Ion Ratio Lower Upper  
96 100  
61 142.2 117.7 176.5  
98 65.4 53.4 80.0





#23

tert-Butyl Alcohol

Concen: 95.312 ug/l

RT: 2.989 min Scan# 312

Delta R.T. 0.025 min

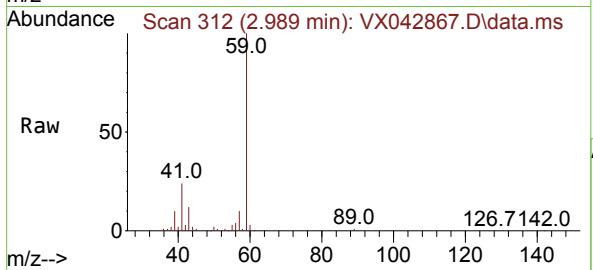
Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

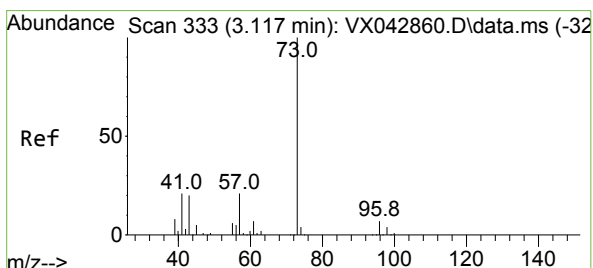
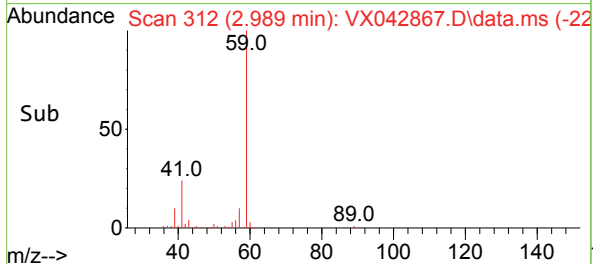
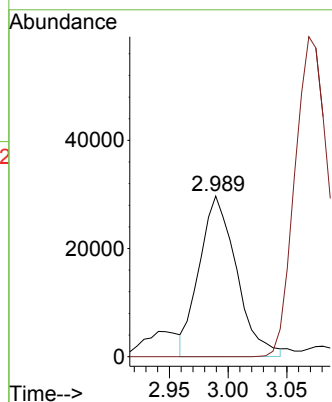


Tgt Ion: 59 Resp: 65349

Ion Ratio Lower Upper

59 100

52 0.0 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 21.119 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.001 min

Lab File: VX042867.D

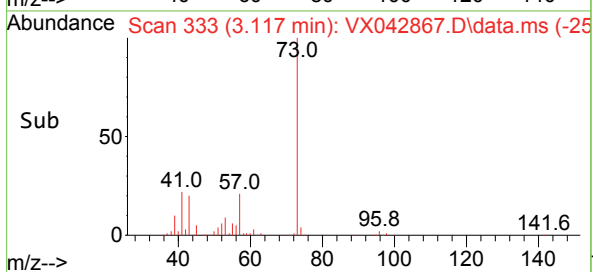
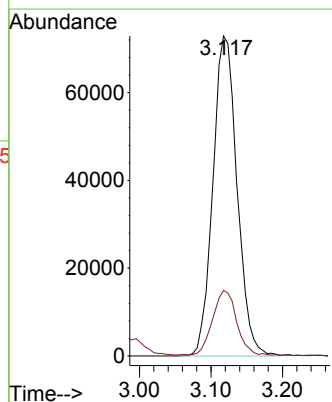
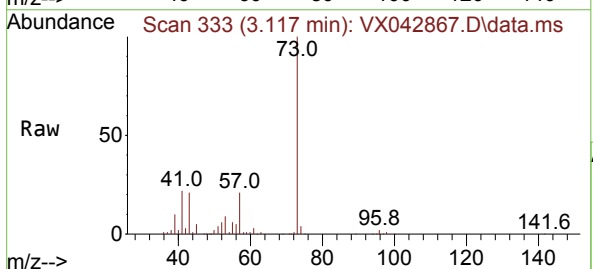
Acq: 06 Aug 2024 13:33

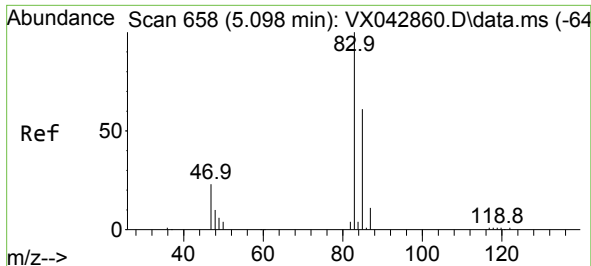
Tgt Ion: 73 Resp: 171070

Ion Ratio Lower Upper

73 100

43 20.6 16.2 24.2

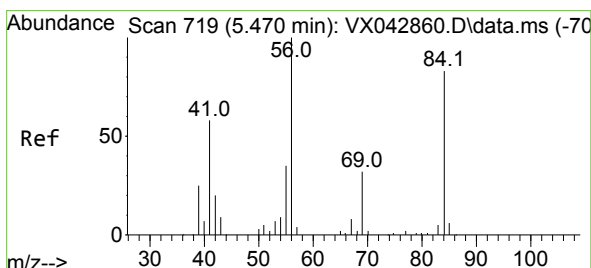
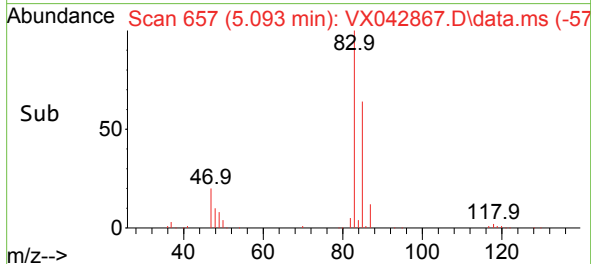
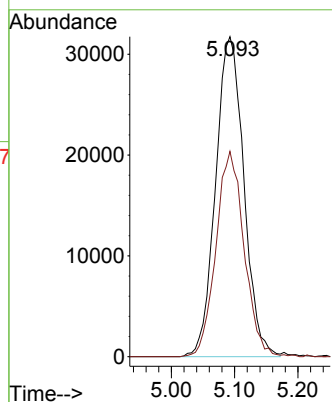
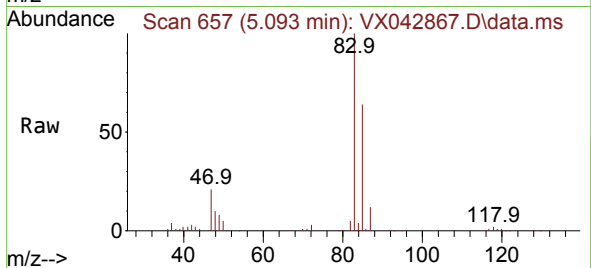




#25  
Chloroform  
Concen: 20.210 ug/l  
RT: 5.093 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

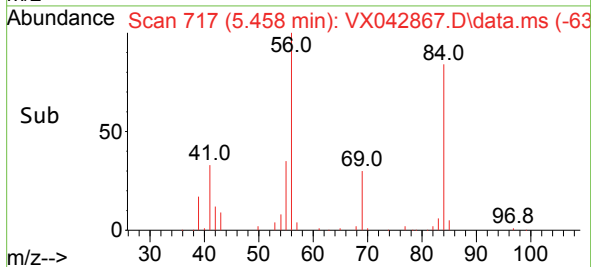
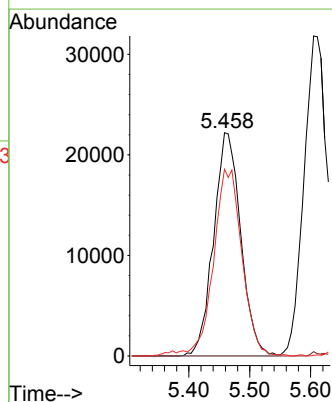
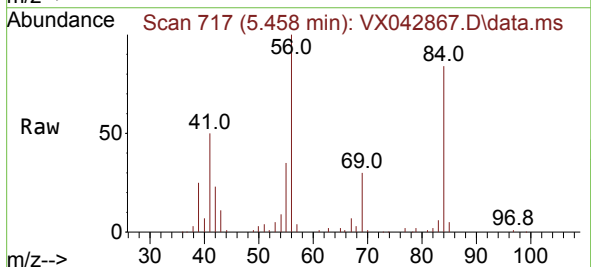
Instrument :  
MSVOA\_X  
ClientSampleId :

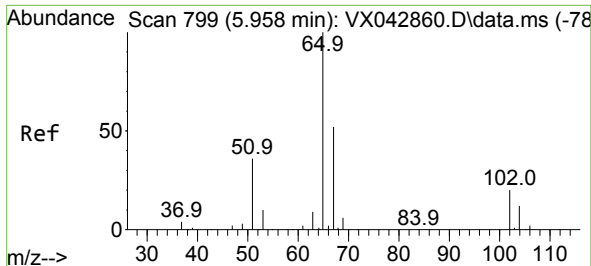
Tgt Ion: 83 Resp: 98374  
Ion Ratio Lower Upper  
83 100  
85 64.2 49.2 73.8



#26  
Cyclohexane  
Concen: 19.378 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. -0.012 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Tgt Ion: 56 Resp: 68767  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 86.5 71.8 107.8





#27

1,2-Dichloroethane-d4

Concen: 31.368 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

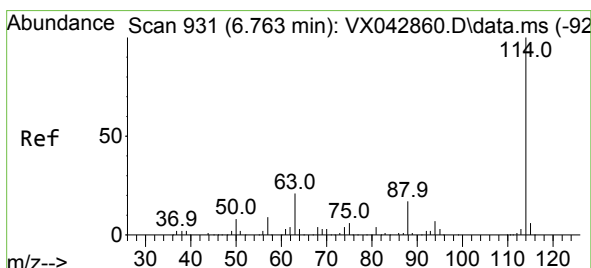
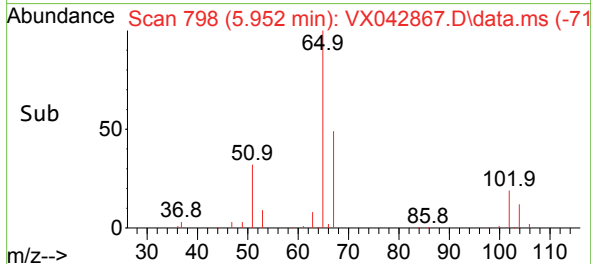
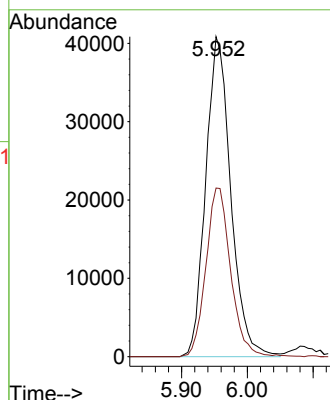
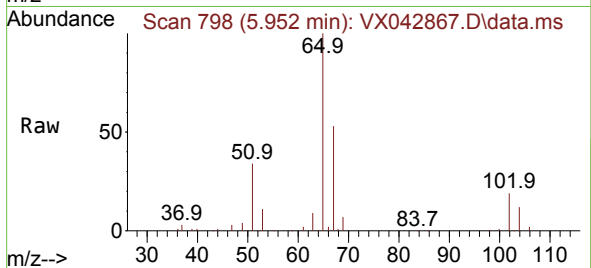
ClientSampleId :

Tgt Ion: 65 Resp: 108327

Ion Ratio Lower Upper

65 100

67 51.8 40.6 60.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

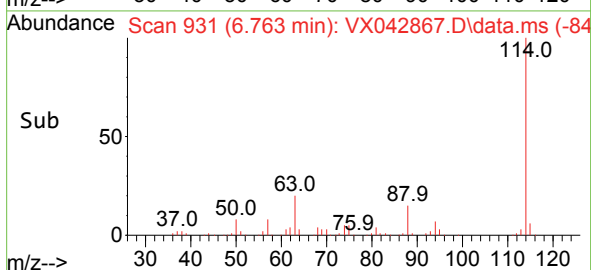
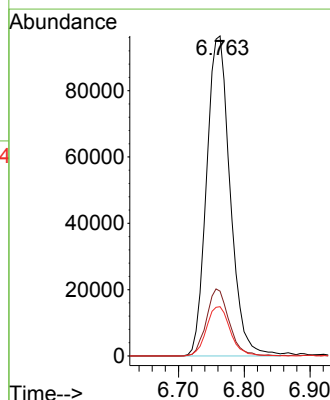
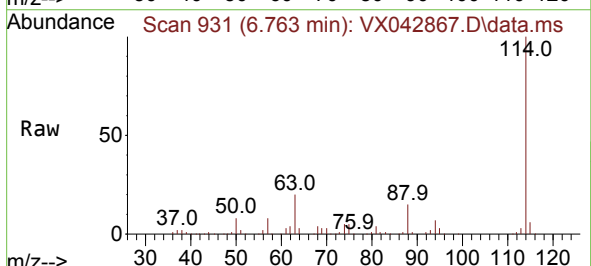
Tgt Ion:114 Resp: 240280

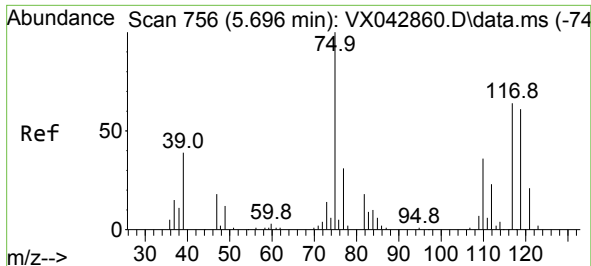
Ion Ratio Lower Upper

114 100

63 20.1 16.0 24.0

88 15.7 12.5 18.7





#29

1,1-Dichloropropene

Concen: 19.589 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.012 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

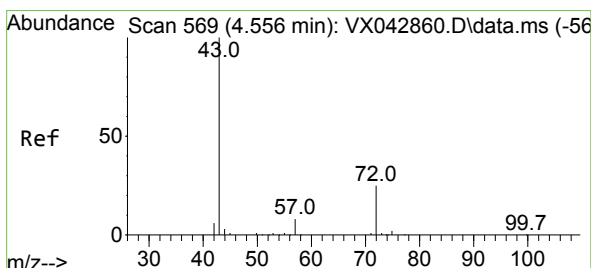
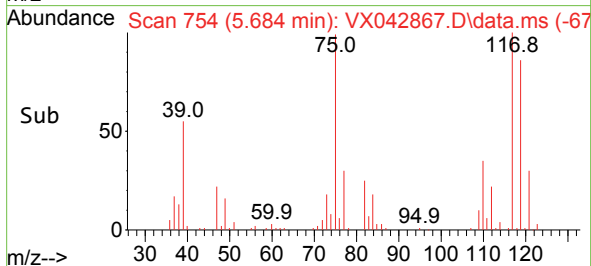
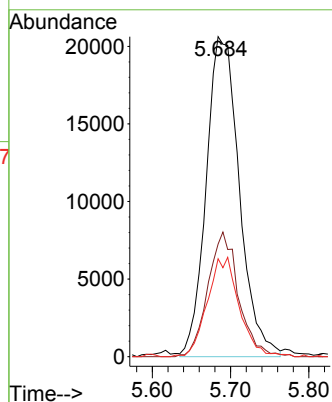
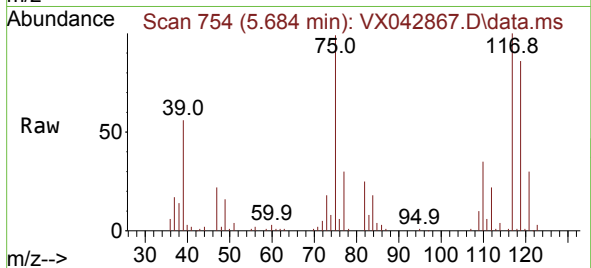
Tgt Ion: 75 Resp: 60658

Ion Ratio Lower Upper

75 100

110 35.9 0.0 72.4

77 28.7 0.0 63.4



#30

2-Butanone

Concen: 101.384 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.007 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

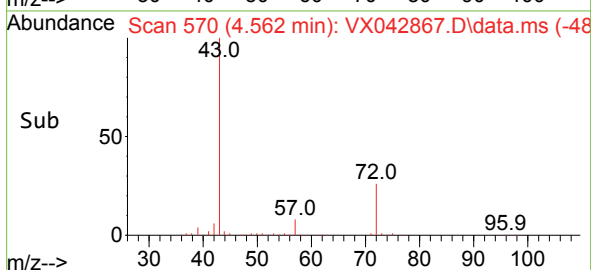
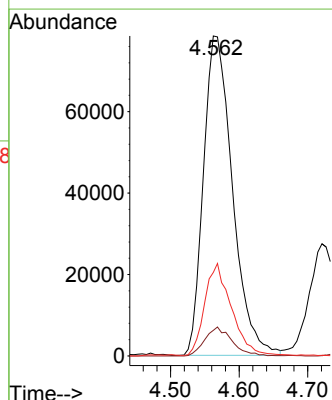
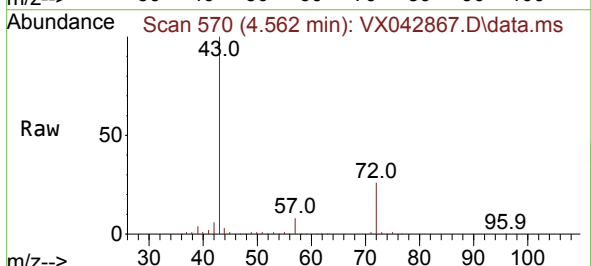
Tgt Ion: 43 Resp: 231184

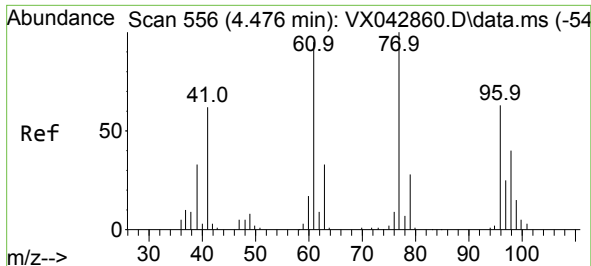
Ion Ratio Lower Upper

43 100

57 8.4 6.6 10.0

72 26.9 21.0 31.4





#31

2,2-Dichloropropane

Concen: 19.594 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

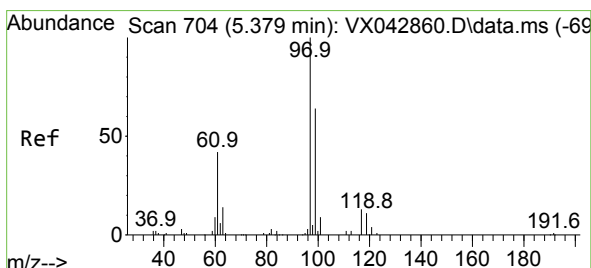
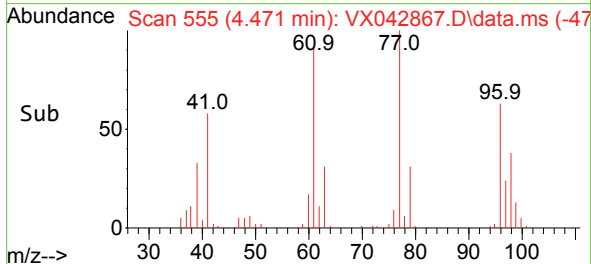
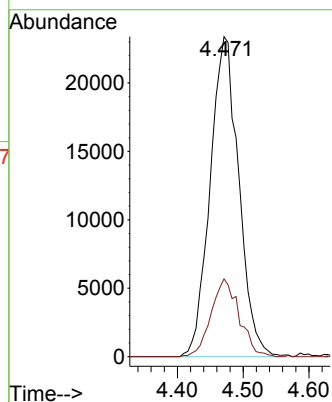
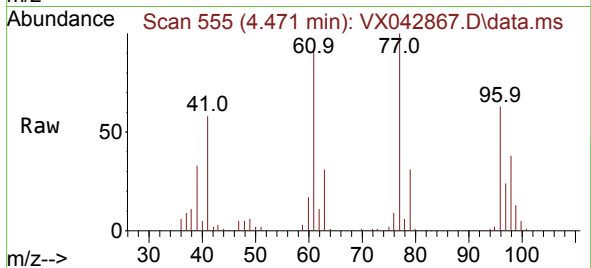
ClientSampleId :

Tgt Ion: 77 Resp: 70895

Ion Ratio Lower Upper

77 100

97 21.9 18.5 27.7



#32

1,1,1-Trichloroethane

Concen: 19.063 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

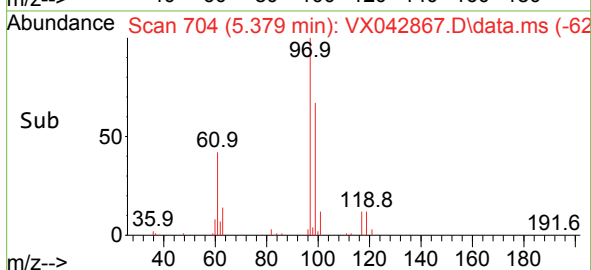
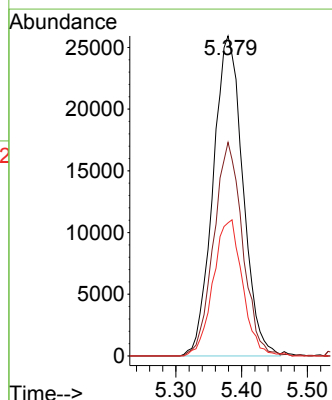
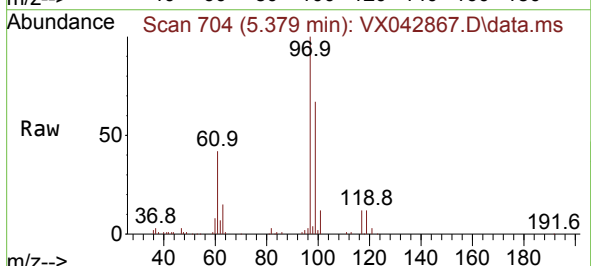
Tgt Ion: 97 Resp: 81722

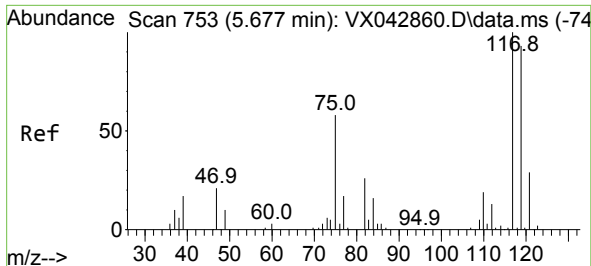
Ion Ratio Lower Upper

97 100

99 64.6 52.2 78.2

61 41.8 34.3 51.5

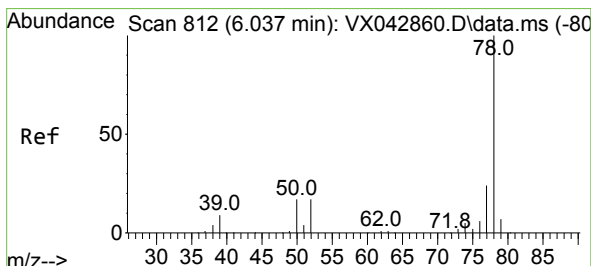
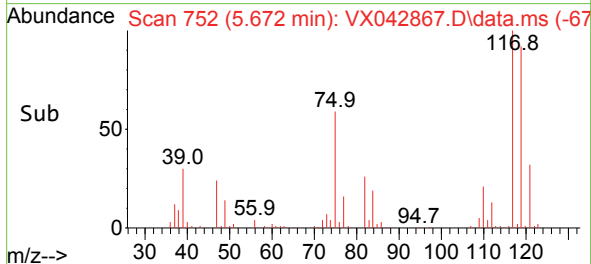
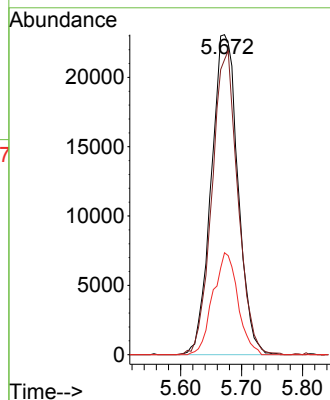
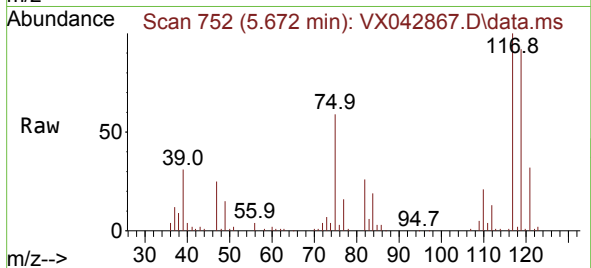




#33  
Carbon Tetrachloride  
Concen: 19.129 ug/l  
RT: 5.672 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

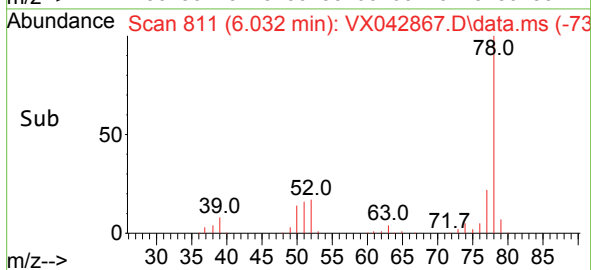
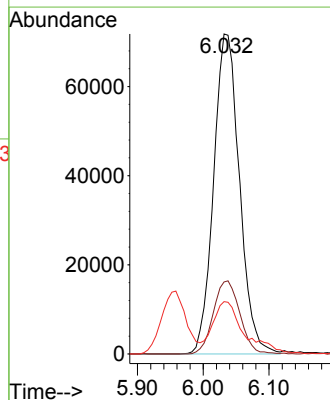
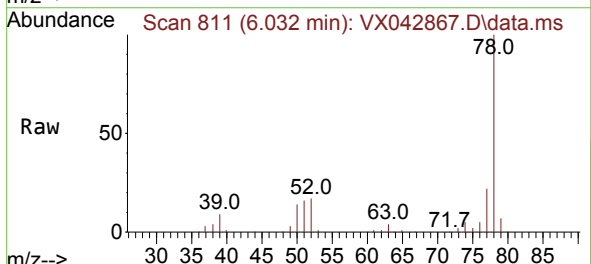
Instrument :  
MSVOA\_X  
ClientSampleId :

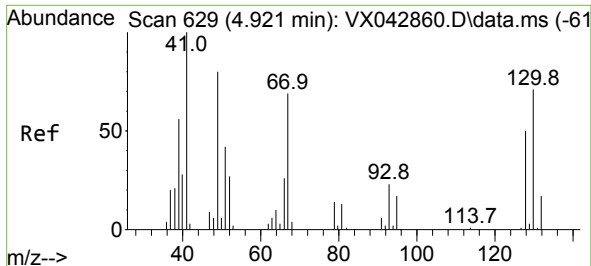
Tgt Ion:117 Resp: 70146  
Ion Ratio Lower Upper  
117 100  
119 92.0 75.7 113.5  
121 31.9 23.3 34.9



#34  
Benzene  
Concen: 19.823 ug/l  
RT: 6.032 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Tgt Ion: 78 Resp: 196515  
Ion Ratio Lower Upper  
78 100  
77 22.5 19.4 29.2  
51 15.1 13.5 20.3

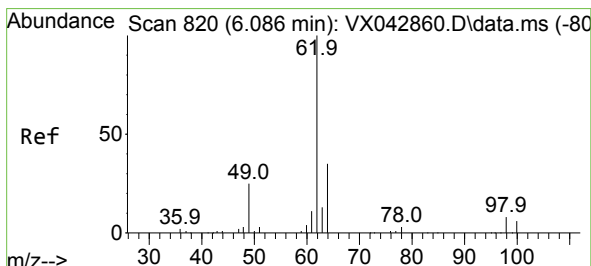
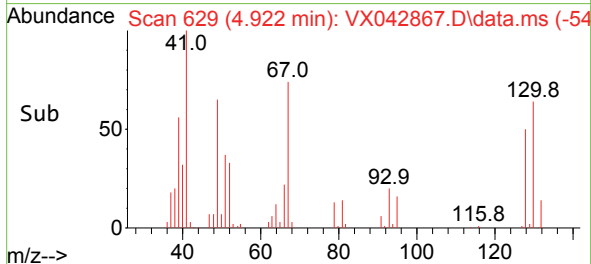
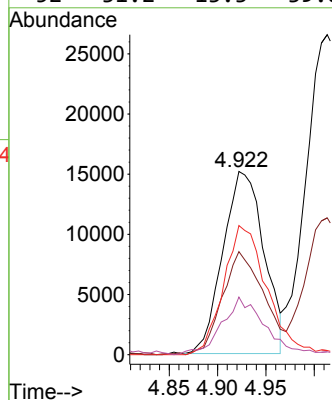
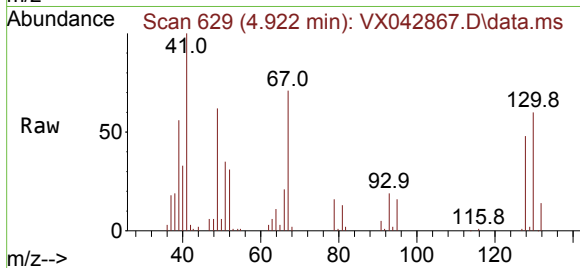




#35  
Methacrylonitrile  
Concen: 20.728 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

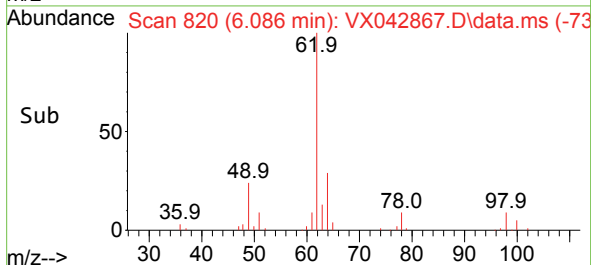
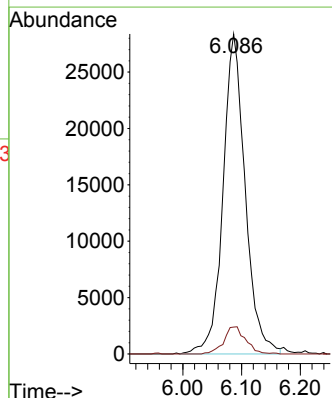
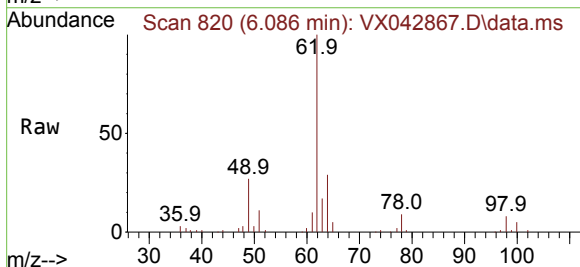
Instrument :  
MSVOA\_X  
ClientSampleId :

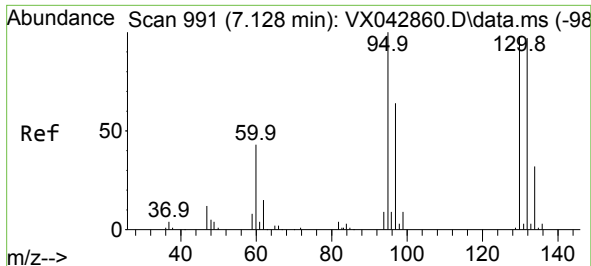
Tgt Ion: 41 Resp: 44655  
Ion Ratio Lower Upper  
41 100  
39 55.6 28.1 84.2  
67 71.0 34.4 103.1  
52 31.2 13.3 39.8



#36  
1,2-Dichloroethane  
Concen: 20.384 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Tgt Ion: 62 Resp: 74579  
Ion Ratio Lower Upper  
62 100  
98 8.3 6.8 10.2

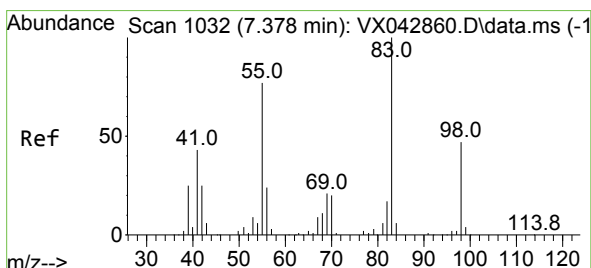
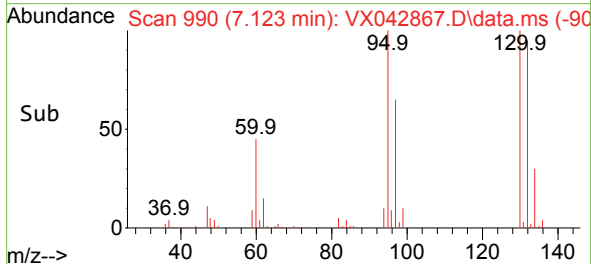
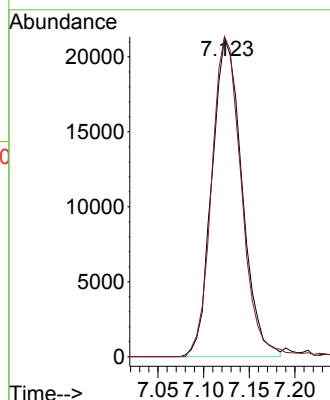
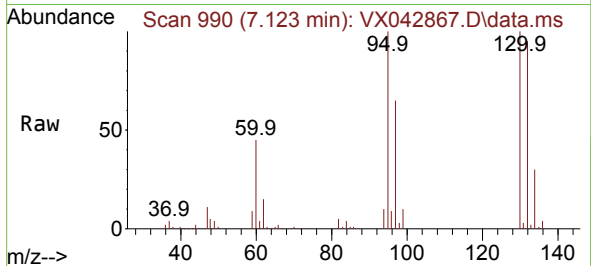




#37  
Trichloroethene  
Concen: 19.392 ug/l  
RT: 7.123 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

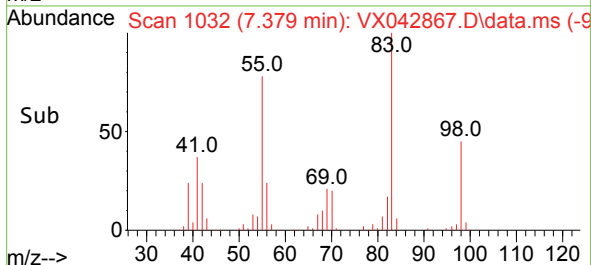
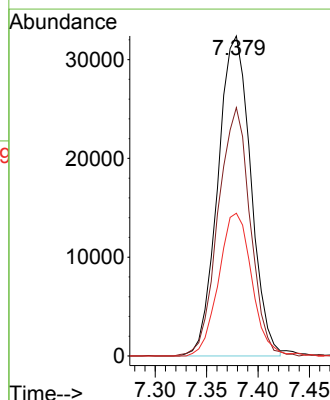
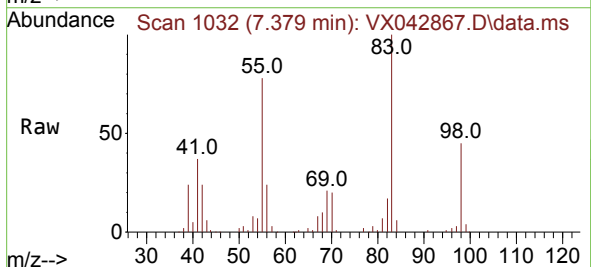
Instrument :  
MSVOA\_X  
ClientSampleId :

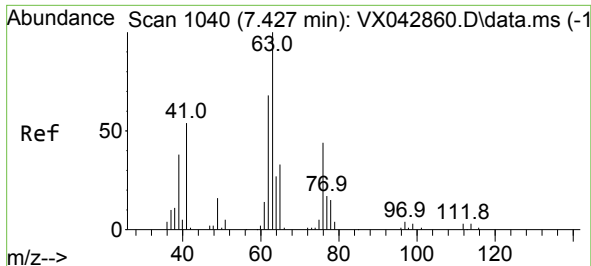
Tgt Ion:130 Resp: 48669  
Ion Ratio Lower Upper  
130 100  
95 100.2 81.4 122.2



#38  
Methylcyclohexane  
Concen: 18.746 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Tgt Ion: 83 Resp: 71938  
Ion Ratio Lower Upper  
83 100  
55 75.8 38.0 113.9  
98 44.8 23.4 70.2





#39

1,2-Dichloropropane

Concen: 20.099 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

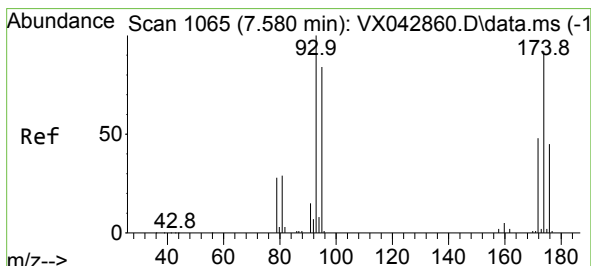
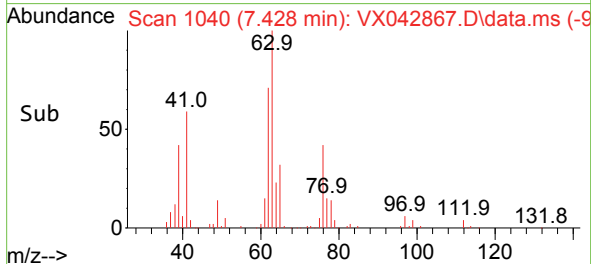
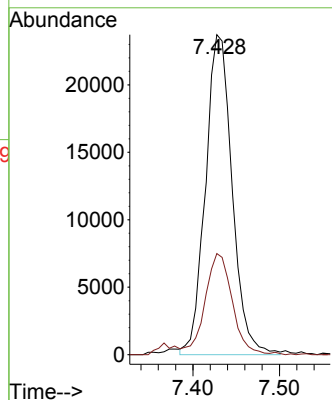
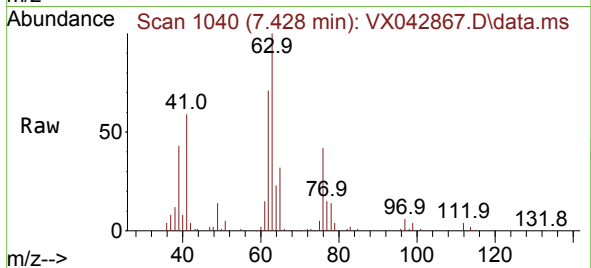
ClientSampleId :

Tgt Ion: 63 Resp: 50794

Ion Ratio Lower Upper

63 100

65 31.5 26.6 39.8



#40

Dibromomethane

Concen: 20.065 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

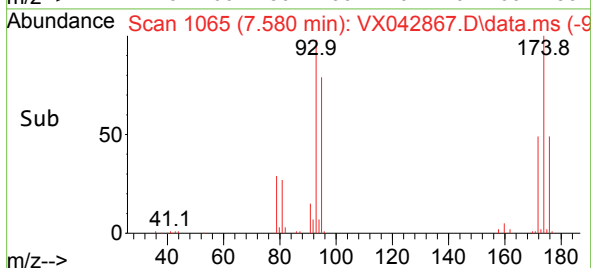
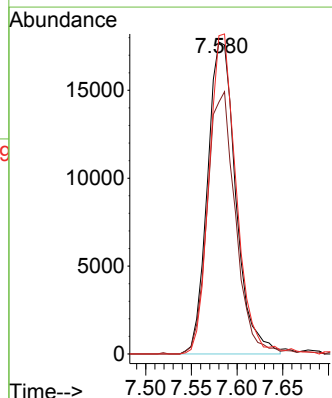
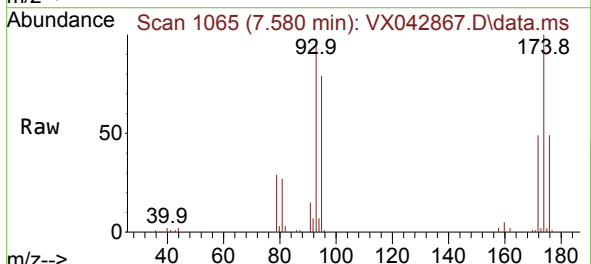
Tgt Ion: 93 Resp: 38286

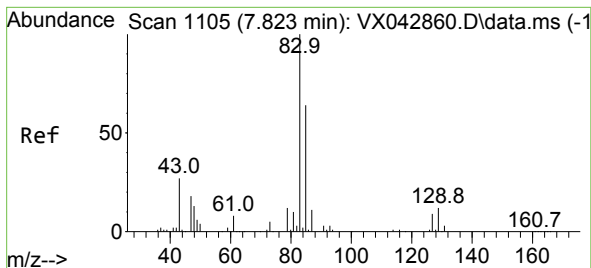
Ion Ratio Lower Upper

93 100

95 83.0 0.0 161.8

174 97.0 0.0 194.0





#41

Bromodichloromethane

Concen: 18.801 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.001 min

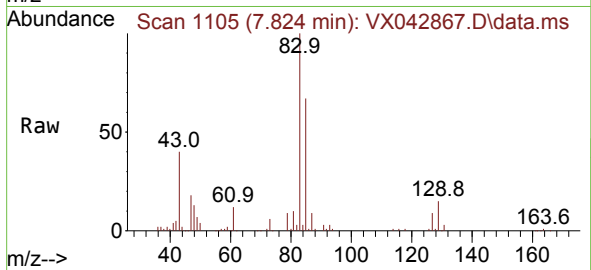
Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :



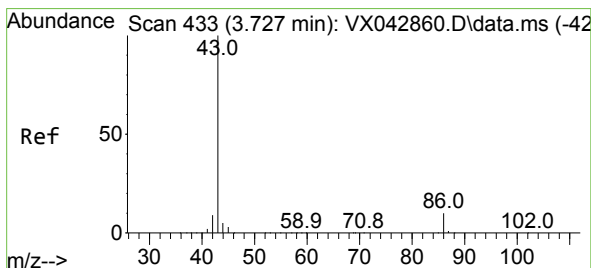
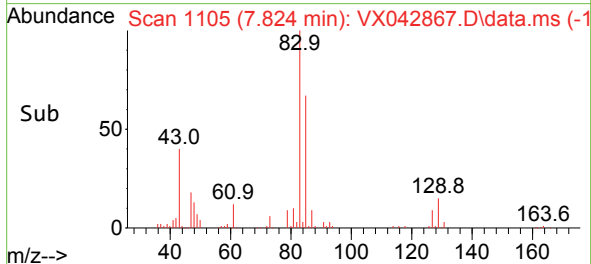
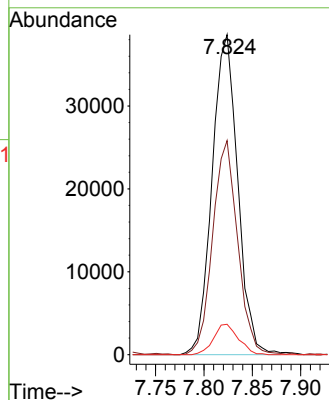
Tgt Ion: 83 Resp: 71139

Ion Ratio Lower Upper

83 100

85 66.9 50.8 76.2

127 9.5 6.9 10.3



#42

Vinyl Acetate

Concen: 100.723 ug/l

RT: 3.721 min Scan# 432

Delta R.T. -0.006 min

Lab File: VX042867.D

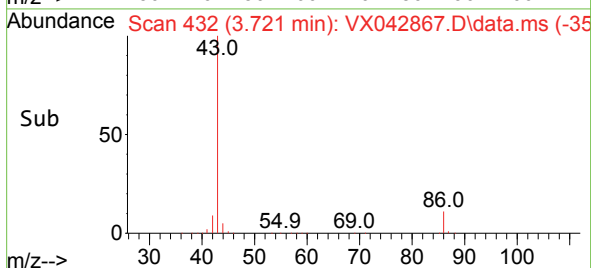
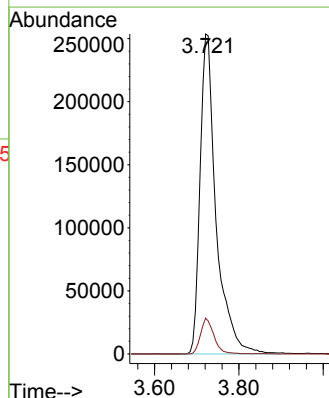
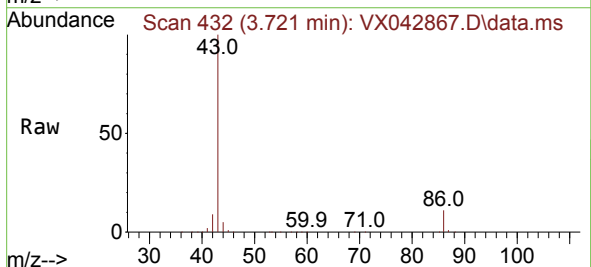
Acq: 06 Aug 2024 13:33

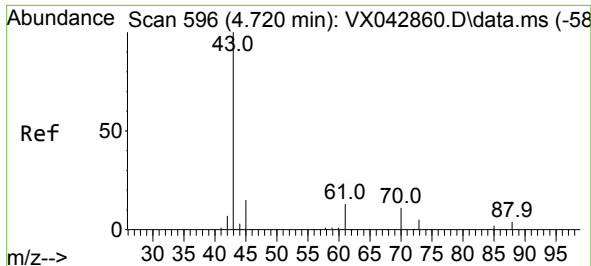
Tgt Ion: 43 Resp: 671738

Ion Ratio Lower Upper

43 100

86 9.3 7.2 10.8

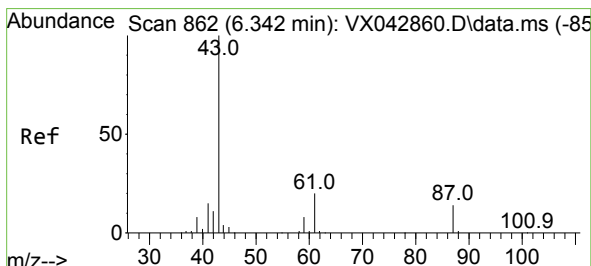
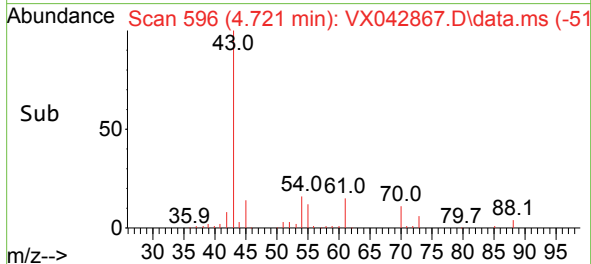
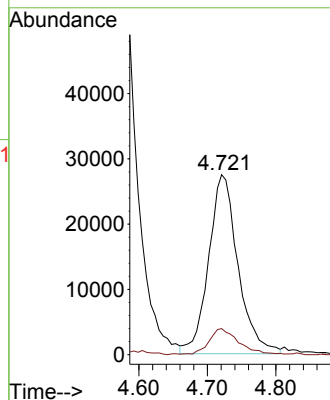
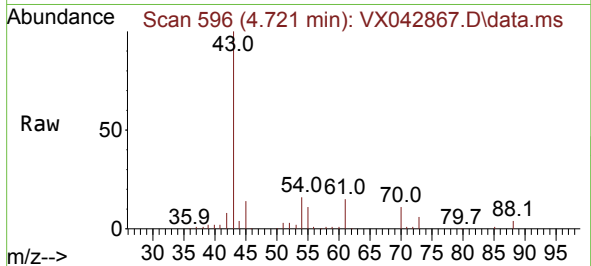




#43  
Ethyl Acetate  
Concen: 21.361 ug/l  
RT: 4.721 min Scan# 596  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

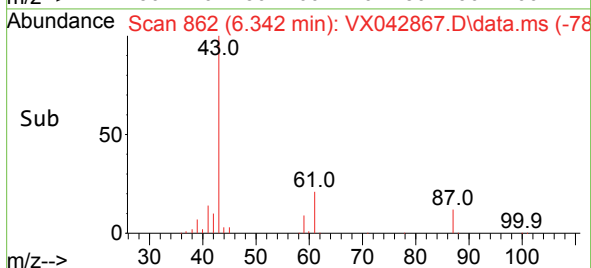
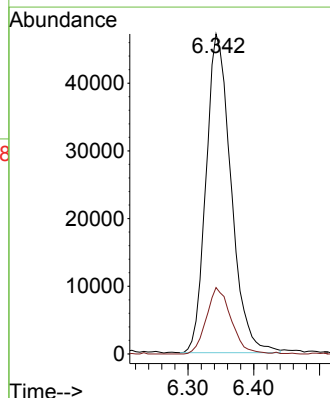
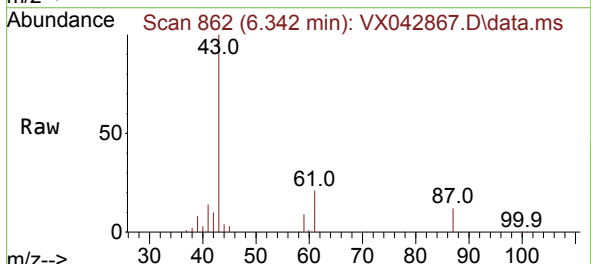
Instrument :  
MSVOA\_X  
ClientSampleId :

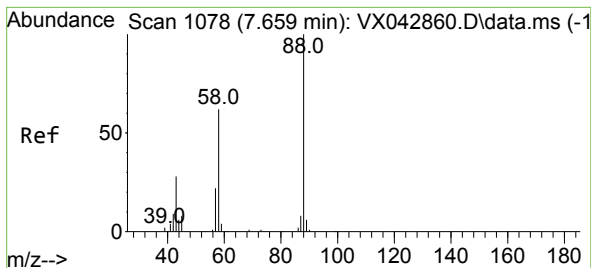
Tgt Ion: 43 Resp: 81712  
Ion Ratio Lower Upper  
43 100  
45 14.5 12.5 18.7



#44  
Isopropyl Acetate  
Concen: 20.270 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Tgt Ion: 43 Resp: 124792  
Ion Ratio Lower Upper  
43 100  
61 20.5 15.4 23.0





#45

1,4-Dioxane

Concen: 323.113 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.013 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

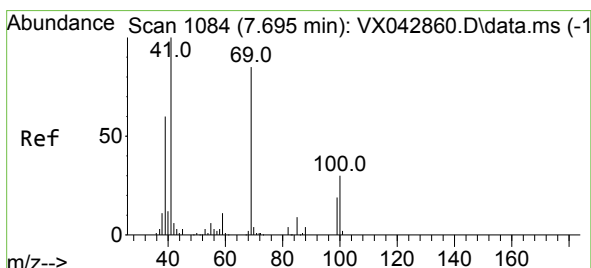
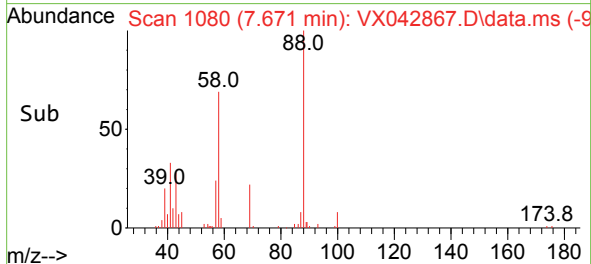
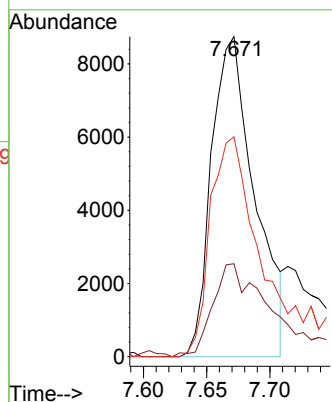
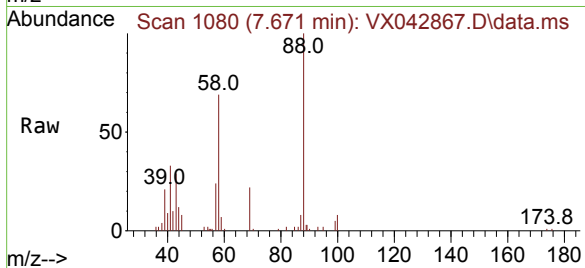
Tgt Ion: 88 Resp: 20825

Ion Ratio Lower Upper

88 100

43 17.7 25.8 38.6#

58 77.8 55.5 83.3



#46

Methyl methacrylate

Concen: 19.780 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

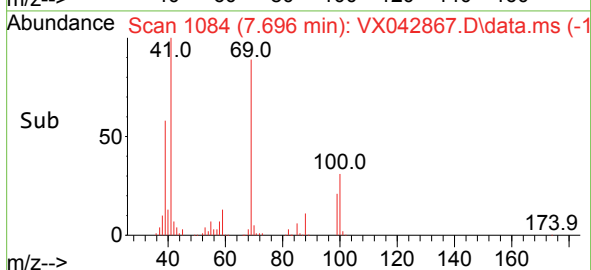
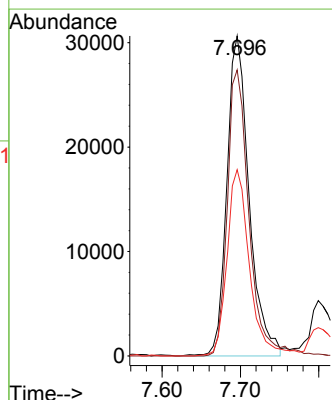
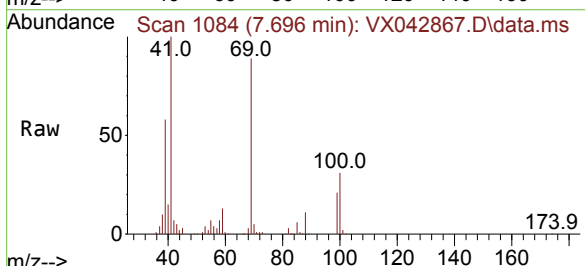
Tgt Ion: 41 Resp: 60515

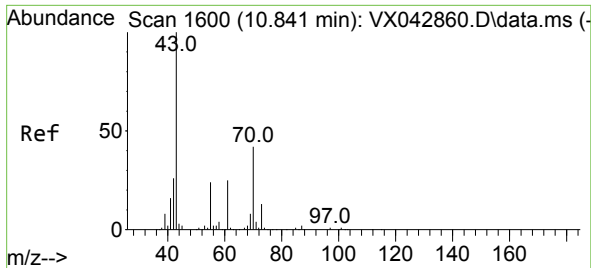
Ion Ratio Lower Upper

41 100

69 89.4 42.4 127.1

39 58.2 29.9 89.7

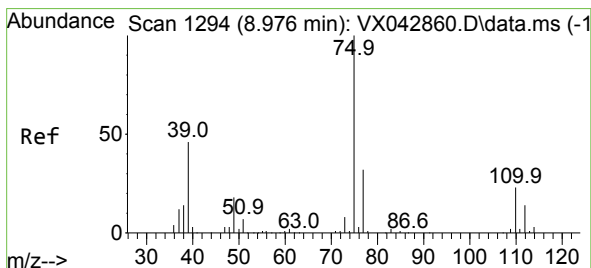
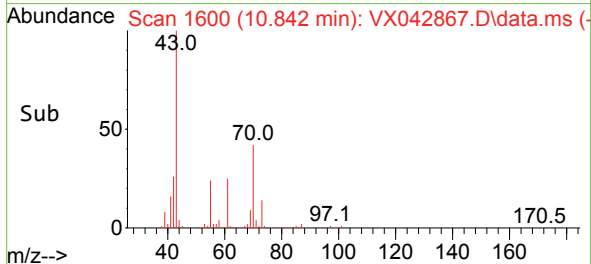
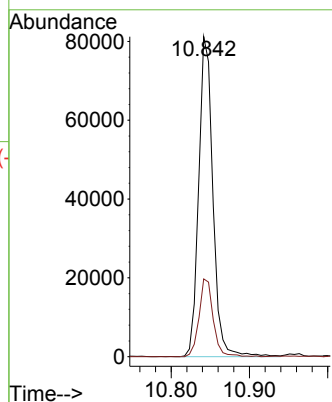
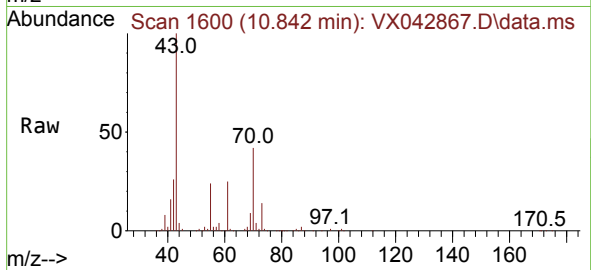




#47  
n-amy1 Acetate  
Concen: 19.507 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

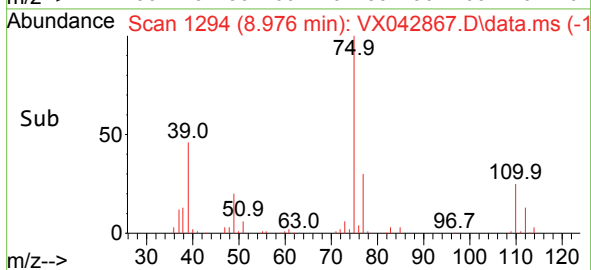
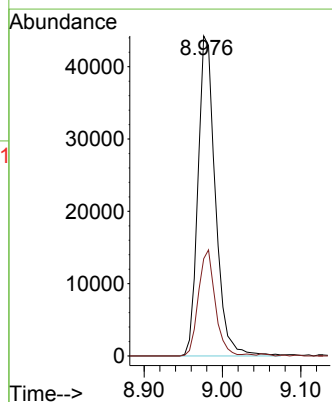
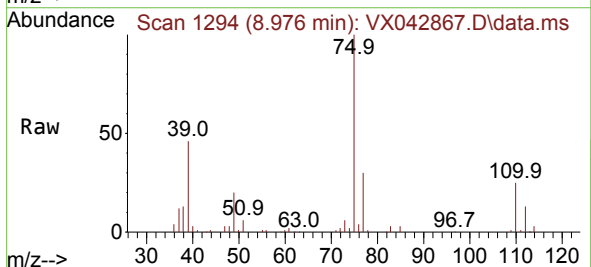
Instrument :  
MSVOA\_X  
ClientSampleId :

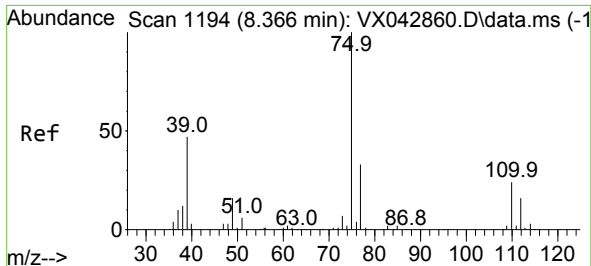
Tgt Ion: 43 Resp: 102732  
Ion Ratio Lower Upper  
43 100  
55 24.1 19.6 29.4



#48  
t-1,3-Dichloropropene  
Concen: 18.884 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Tgt Ion: 75 Resp: 68500  
Ion Ratio Lower Upper  
75 100  
77 30.4 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 19.277 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

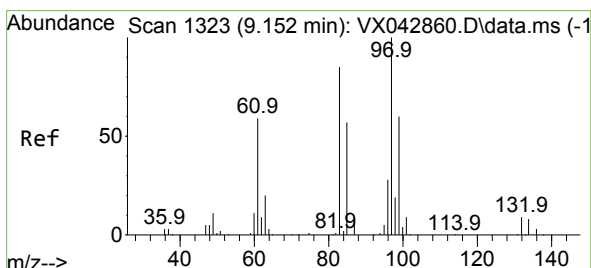
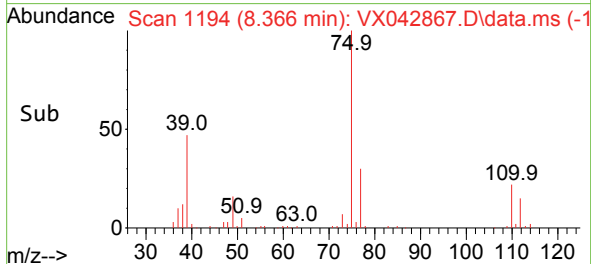
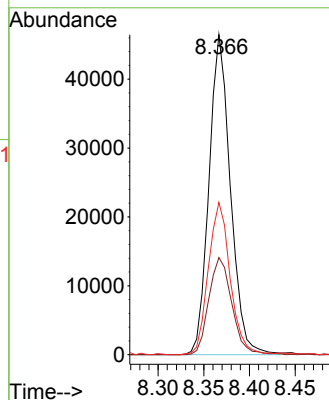
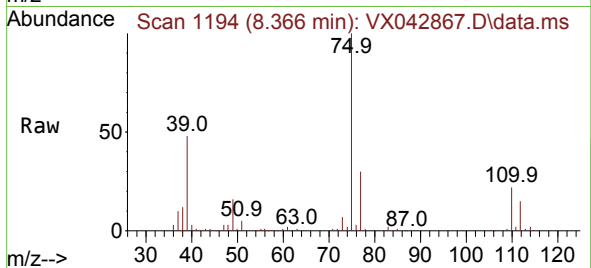
Tgt Ion: 75 Resp: 75725

Ion Ratio Lower Upper

75 100

77 30.3 26.8 40.2

39 47.6 37.5 56.3



#50

1,1,2-Trichloroethane

Concen: 20.903 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Tgt Ion: 97 Resp: 54401

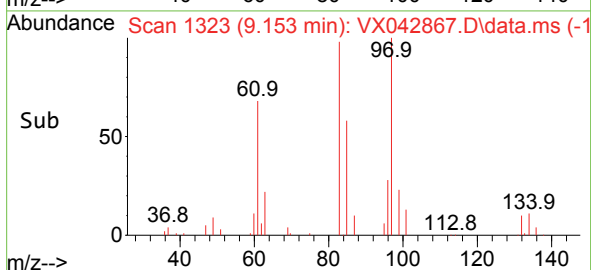
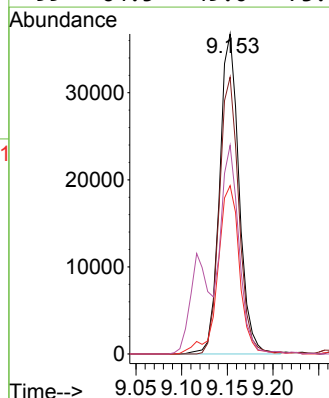
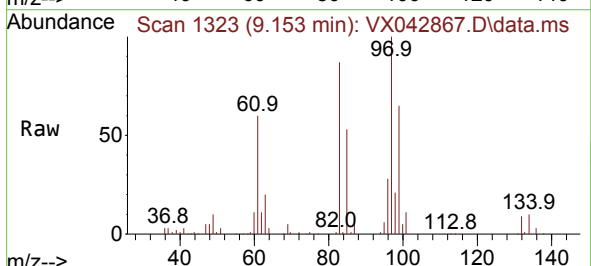
Ion Ratio Lower Upper

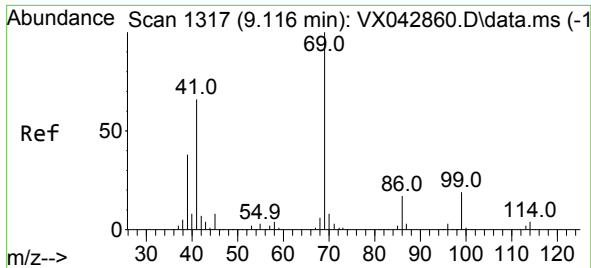
97 100

83 86.5 68.2 102.2

85 52.4 45.4 68.0

99 64.5 49.0 73.4

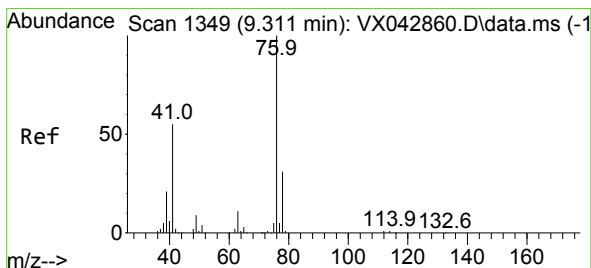
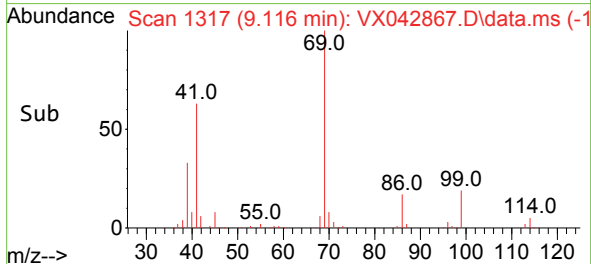
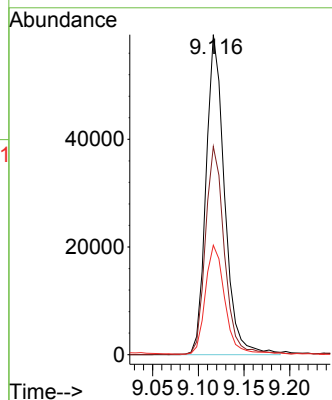
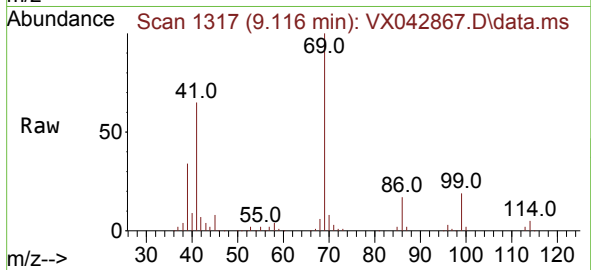




#51  
Ethyl methacrylate  
Concen: 19.647 ug/l  
RT: 9.116 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

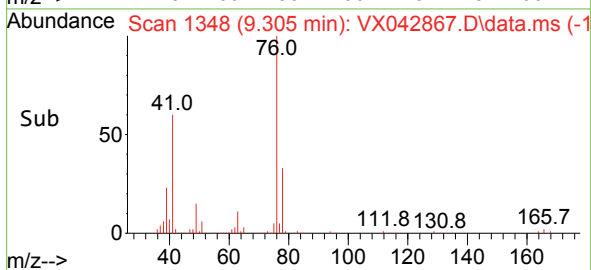
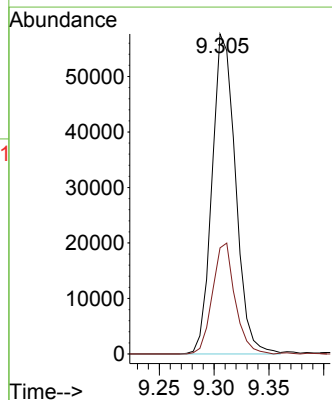
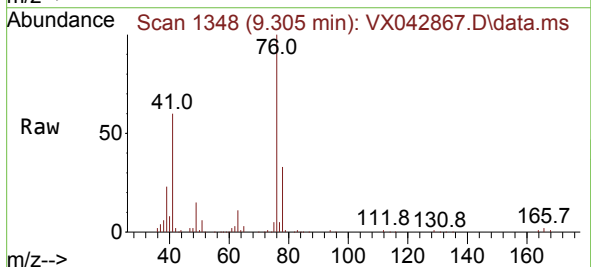
Instrument :  
MSVOA\_X  
ClientSampleId :

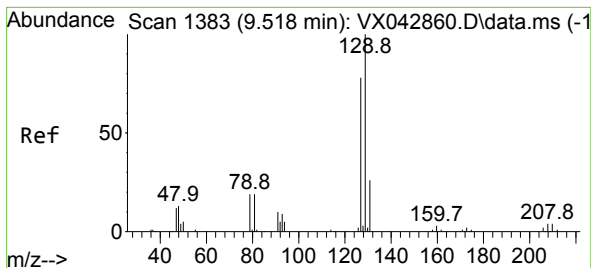
Tgt Ion: 69 Resp: 83664  
Ion Ratio Lower Upper  
69 100  
41 64.8 33.1 99.2  
39 34.0 18.8 56.3



#52  
1,3-Dichloropropane  
Concen: 20.104 ug/l  
RT: 9.305 min Scan# 1348  
Delta R.T. -0.006 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Tgt Ion: 76 Resp: 85861  
Ion Ratio Lower Upper  
76 100  
78 33.2 0.0 64.8





#53

Dibromochloromethane

Concen: 18.954 ug/l

RT: 9.519 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

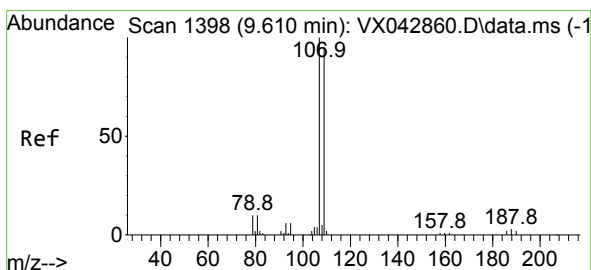
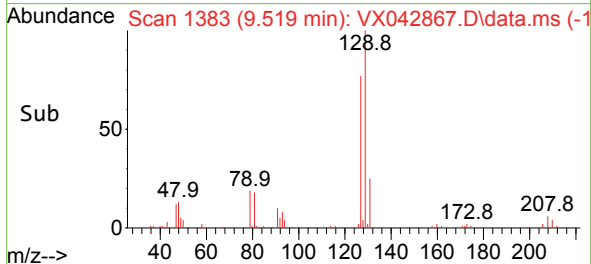
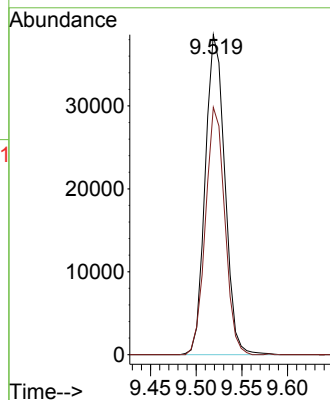
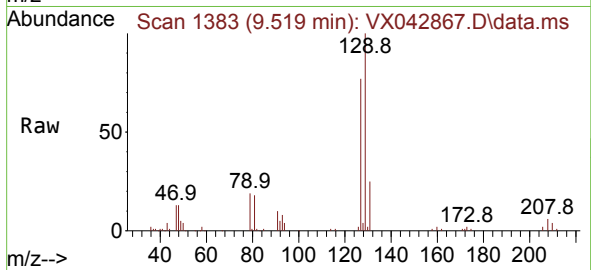
ClientSampleId :

Tgt Ion:129 Resp: 57405

Ion Ratio Lower Upper

129 100

127 76.1 38.5 115.3



#54

1,2-Dibromoethane

Concen: 20.474 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.001 min

Lab File: VX042867.D

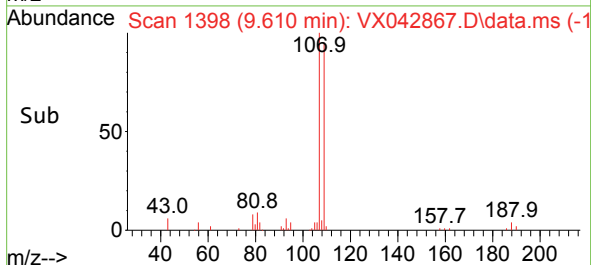
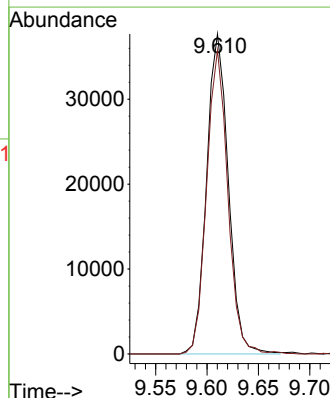
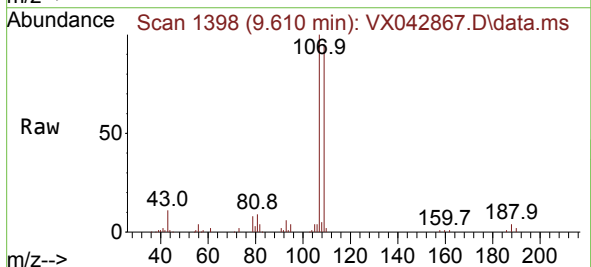
Acq: 06 Aug 2024 13:33

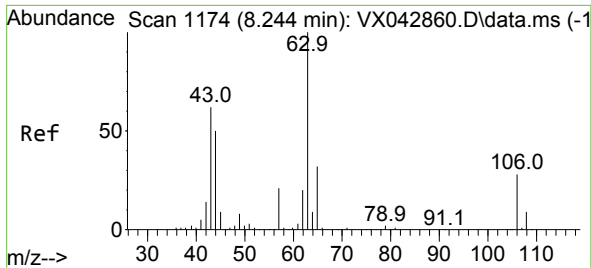
Tgt Ion:107 Resp: 55415

Ion Ratio Lower Upper

107 100

109 92.3 74.2 111.4





#55

2-Chloroethyl vinyl ether

Concen: 104.485 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

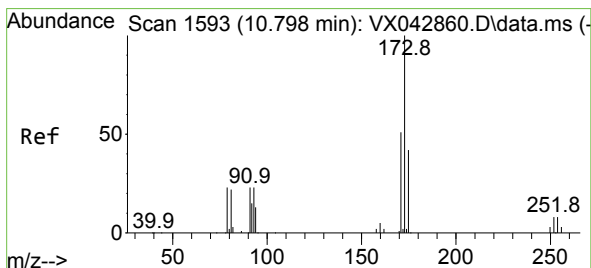
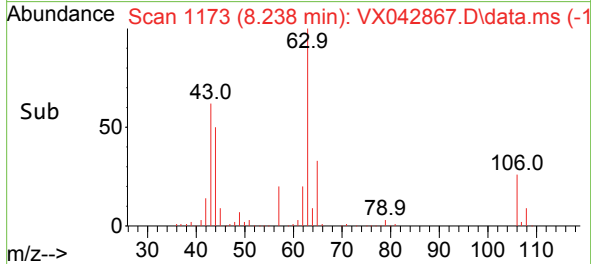
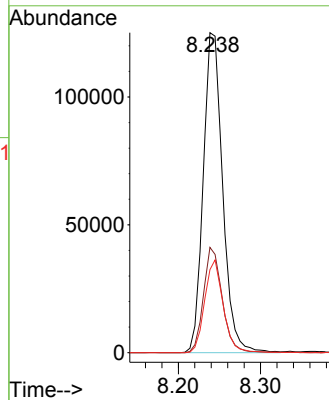
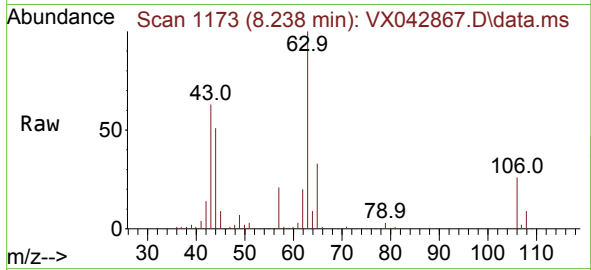
Tgt Ion: 63 Resp: 205469

Ion Ratio Lower Upper

63 100

65 31.6 26.3 39.5

106 27.6 21.8 32.6



#56

Bromoform

Concen: 18.149 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

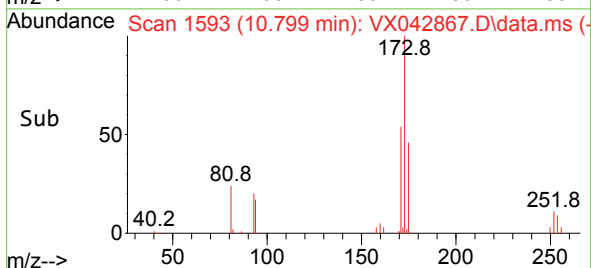
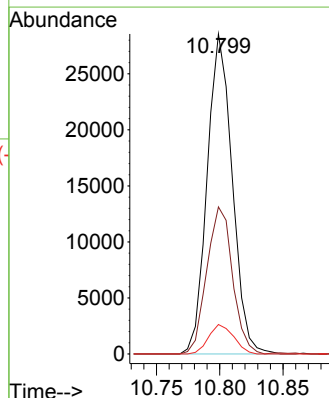
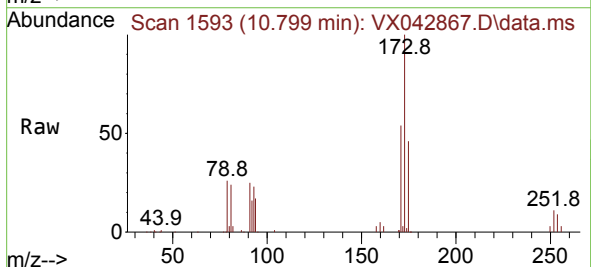
Tgt Ion:173 Resp: 39401

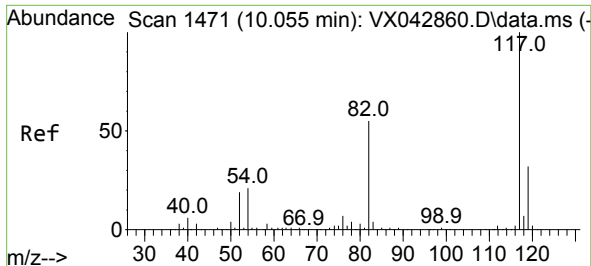
Ion Ratio Lower Upper

173 100

175 47.1 37.1 55.7

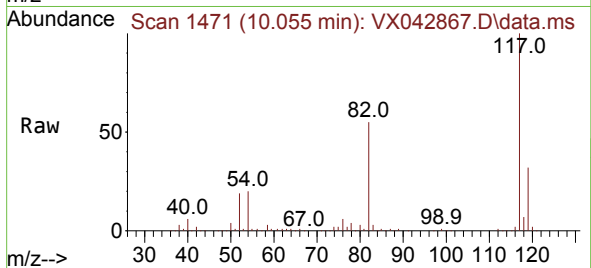
254 9.2 6.6 10.0



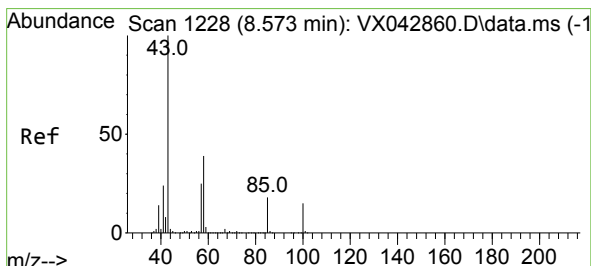
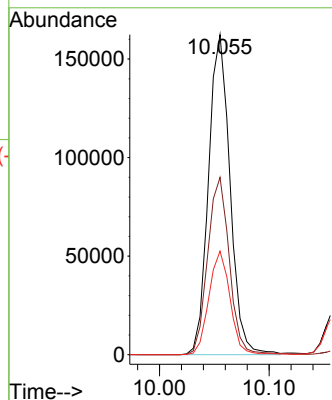
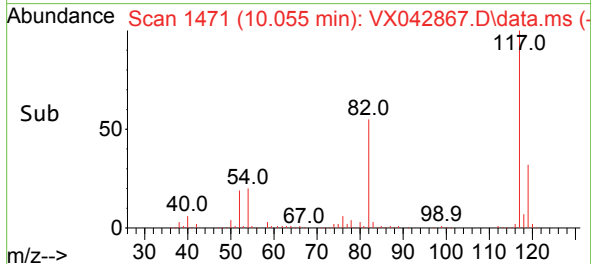


#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :

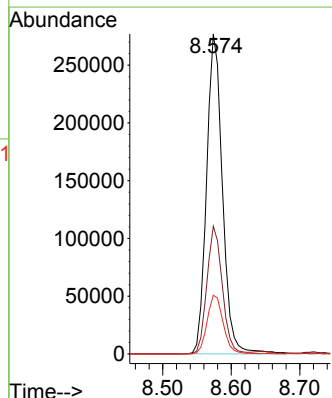
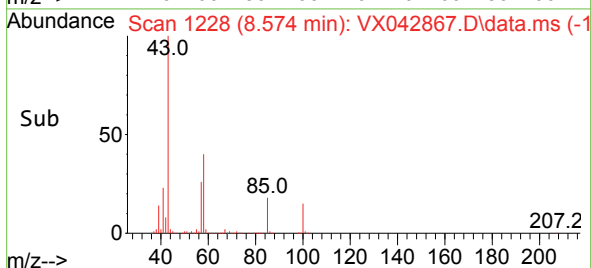
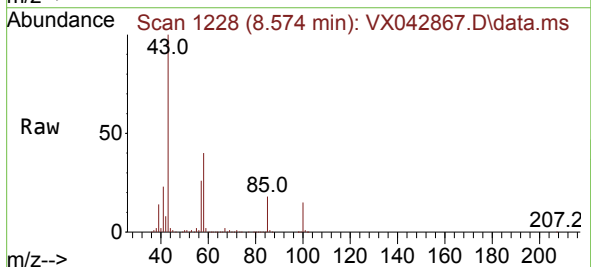


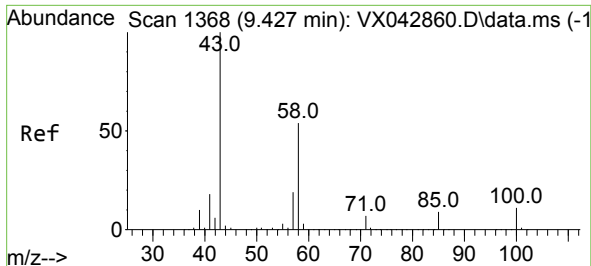
Tgt Ion:117 Resp: 221648  
Ion Ratio Lower Upper  
117 100  
82 55.9 44.9 67.3  
119 31.6 25.4 38.2



#58  
4-Methyl-2-Pentanone  
Concen: 107.223 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Tgt Ion: 43 Resp: 447549  
Ion Ratio Lower Upper  
43 100  
58 38.7 31.4 47.0  
85 18.6 14.6 21.8

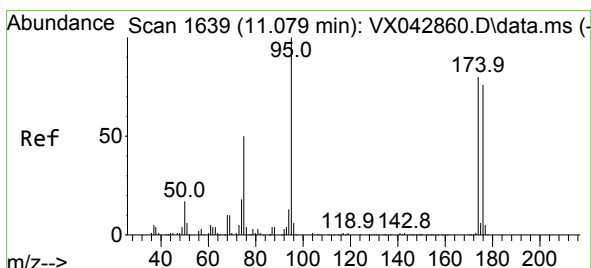
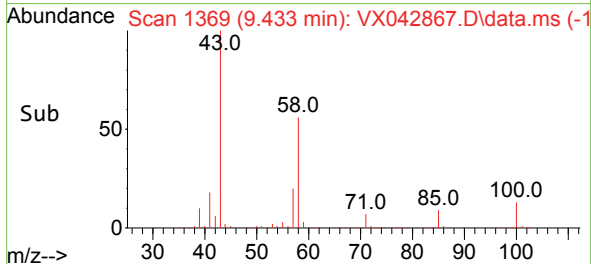
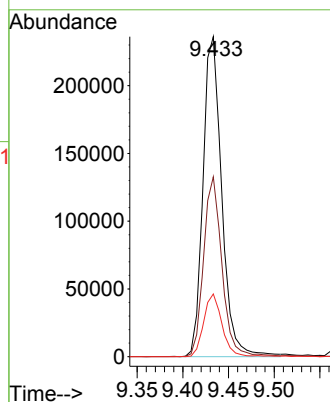
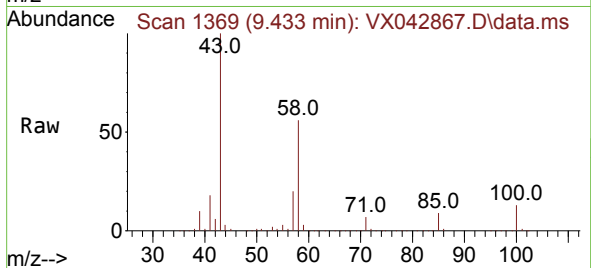




#59  
2-Hexanone  
Concen: 102.047 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.007 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

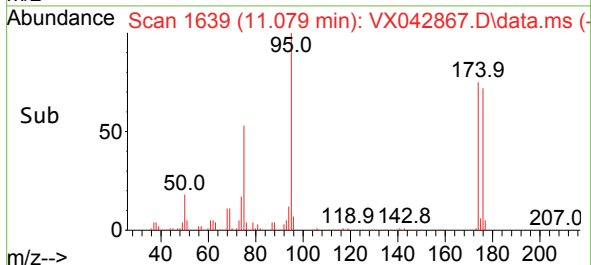
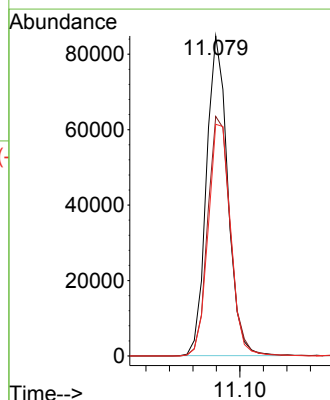
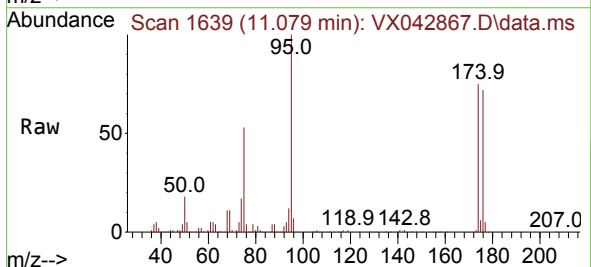
Instrument :  
MSVOA\_X  
ClientSampleId :

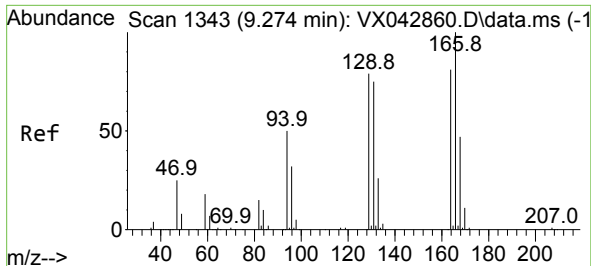
Tgt Ion: 43 Resp: 336667  
Ion Ratio Lower Upper  
43 100  
58 54.3 43.5 65.3  
57 19.0 15.0 22.6



#60  
4-Bromofluorobenzene  
Concen: 29.512 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

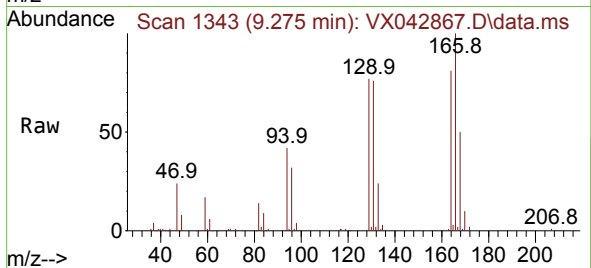
Tgt Ion: 95 Resp: 106718  
Ion Ratio Lower Upper  
95 100  
174 79.4 65.0 97.6  
176 76.7 63.4 95.0



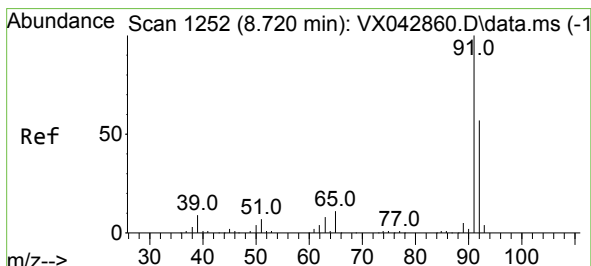
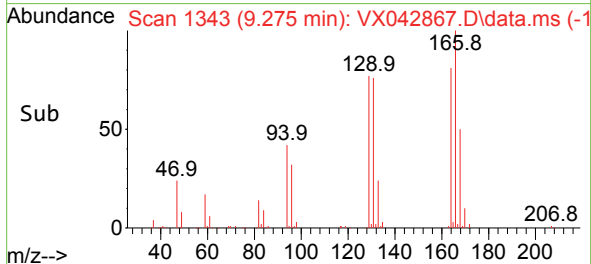
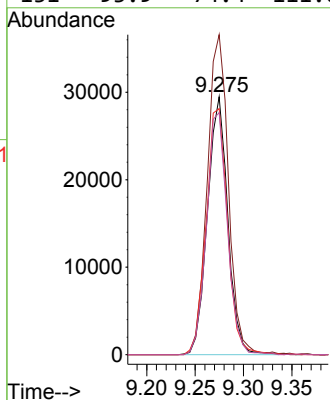


#61  
Tetrachloroethene  
Concen: 19.618 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :

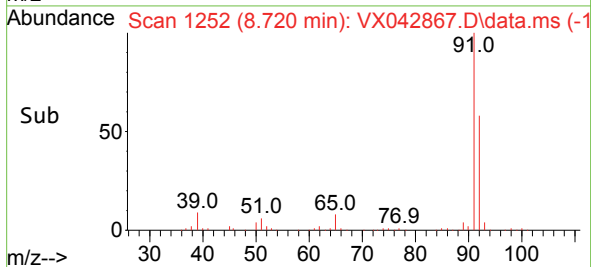
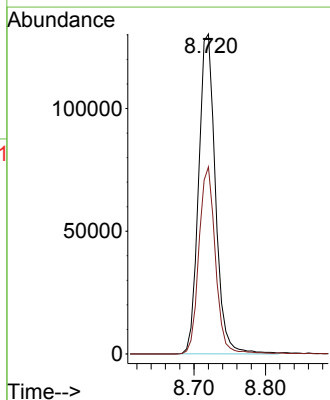
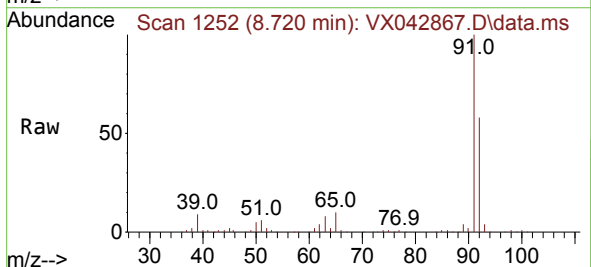


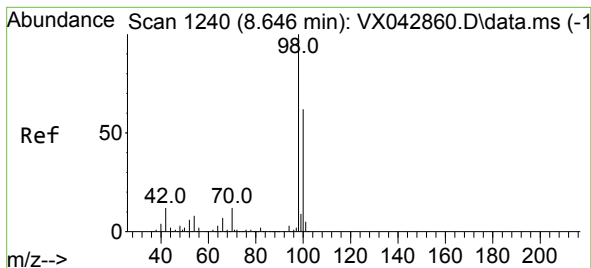
Tgt Ion:164 Resp: 43170  
Ion Ratio Lower Upper  
164 100  
166 124.1 98.6 147.8  
129 95.4 77.4 116.0  
131 93.9 74.4 111.6



#62  
Toluene  
Concen: 19.602 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Tgt Ion: 91 Resp: 212795  
Ion Ratio Lower Upper  
91 100  
92 57.4 45.7 68.5





#63

Toluene-d8

Concen: 30.046 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

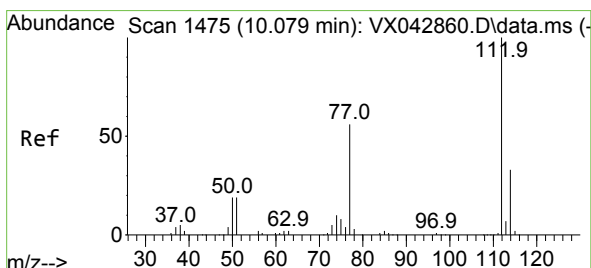
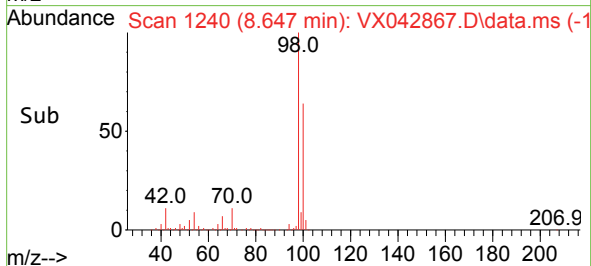
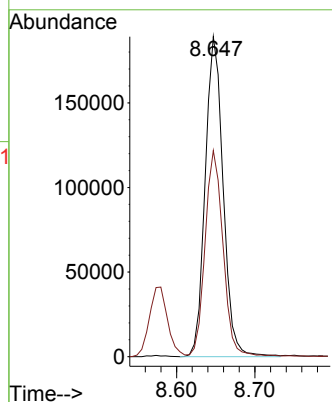
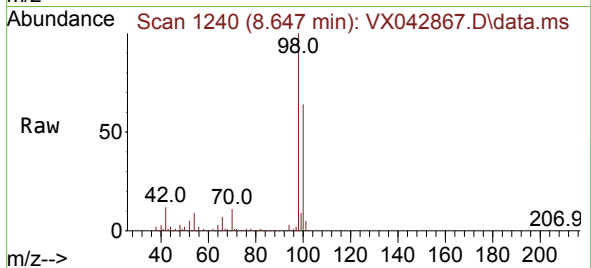
ClientSampleId :

Tgt Ion: 98 Resp: 300820

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3



#64

Chlorobenzene

Concen: 19.736 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.001 min

Lab File: VX042867.D

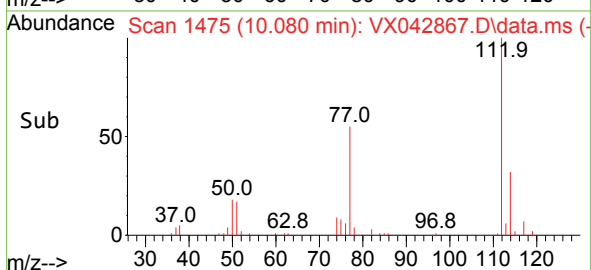
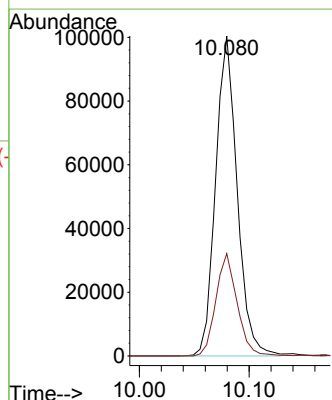
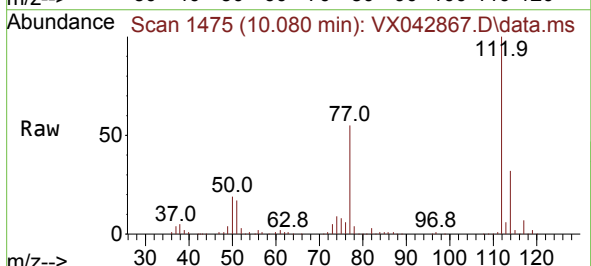
Acq: 06 Aug 2024 13:33

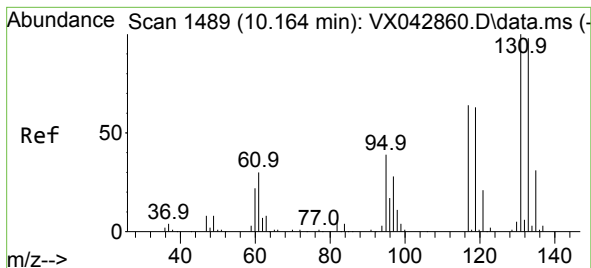
Tgt Ion: 112 Resp: 137126

Ion Ratio Lower Upper

112 100

114 32.0 26.3 39.5

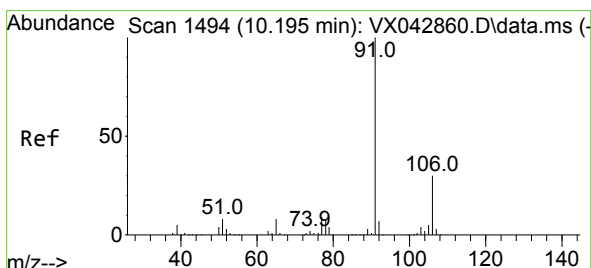
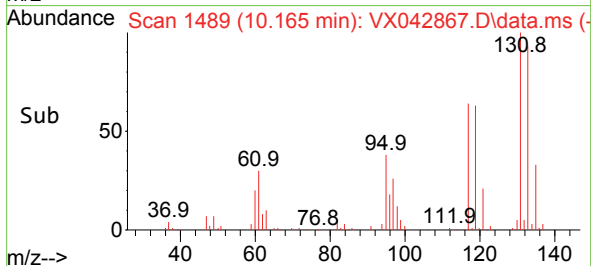
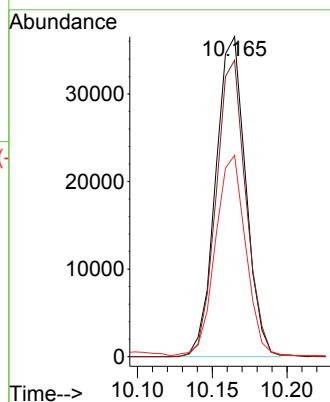
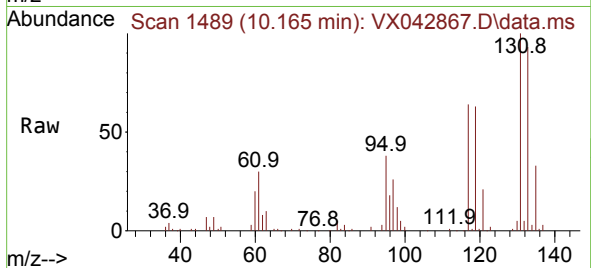




#65  
1,1,1,2-Tetrachloroethane  
Concen: 20.236 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

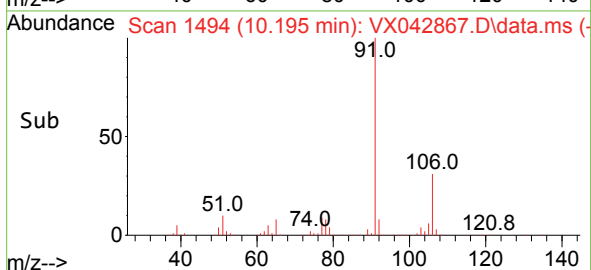
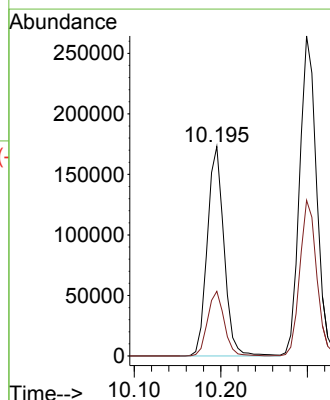
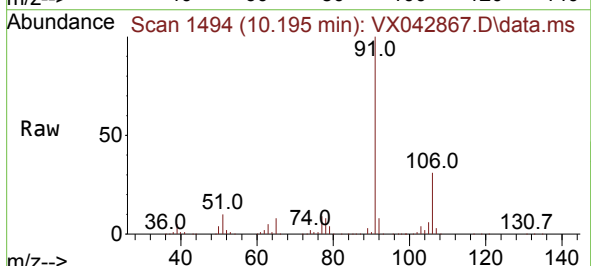
Instrument :  
MSVOA\_X  
ClientSampleId :

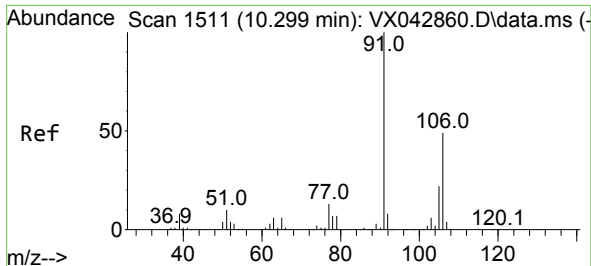
Tgt Ion:131 Resp: 51042  
Ion Ratio Lower Upper  
131 100  
133 92.1 0.0 188.2  
119 64.1 0.0 131.0



#66  
Ethyl Benzene  
Concen: 19.227 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Tgt Ion: 91 Resp: 231996  
Ion Ratio Lower Upper  
91 100  
106 30.9 23.8 35.8

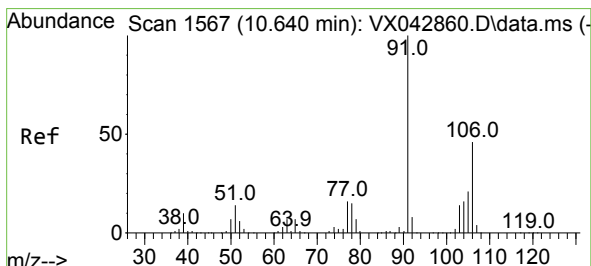
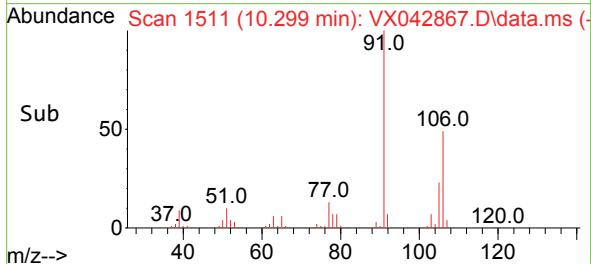
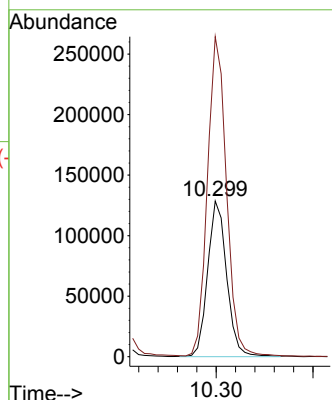
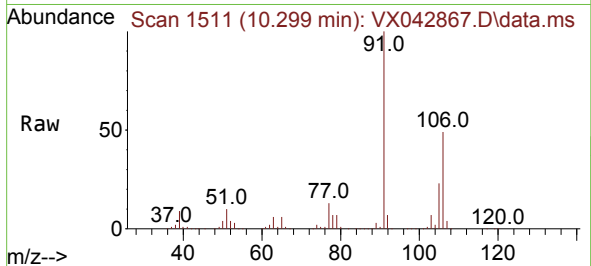




#67  
m/p-Xylenes  
Concen: 38.456 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

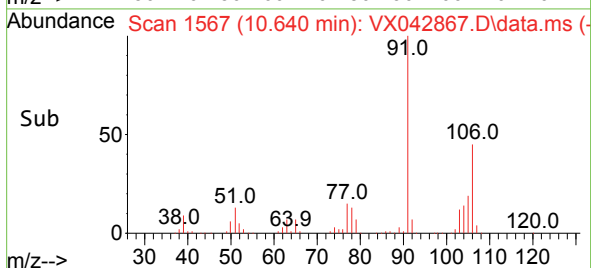
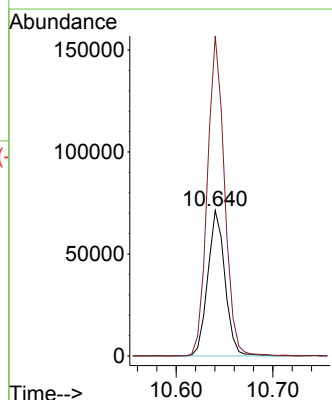
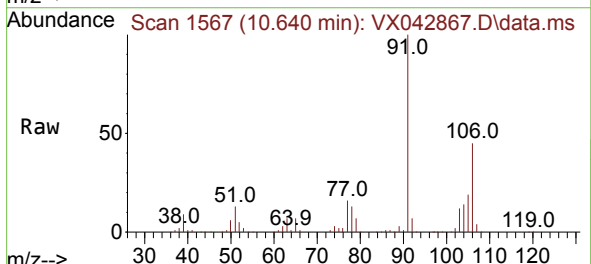
Instrument :  
MSVOA\_X  
ClientSampleId :

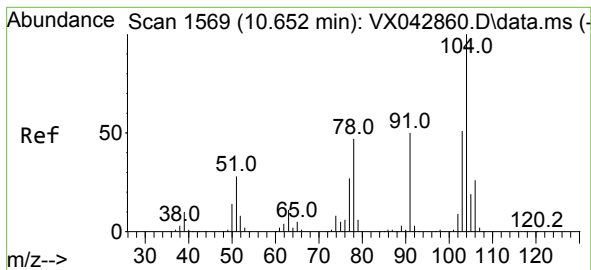
Tgt Ion:106 Resp: 175436  
Ion Ratio Lower Upper  
106 100  
91 206.8 165.3 247.9



#68  
o-Xylene  
Concen: 19.706 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Tgt Ion:106 Resp: 88621  
Ion Ratio Lower Upper  
106 100  
91 217.9 107.5 322.4





#69

Styrene

Concen: 19.360 ug/l

RT: 10.653 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

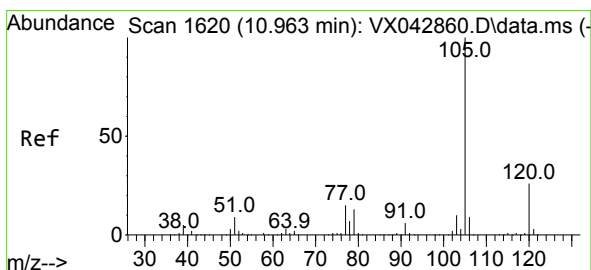
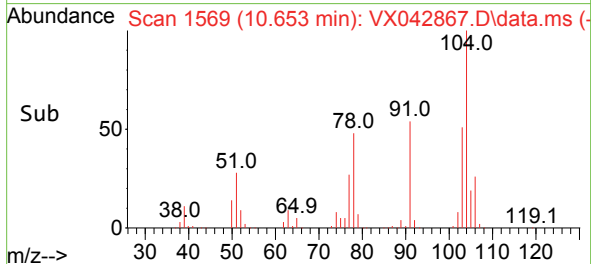
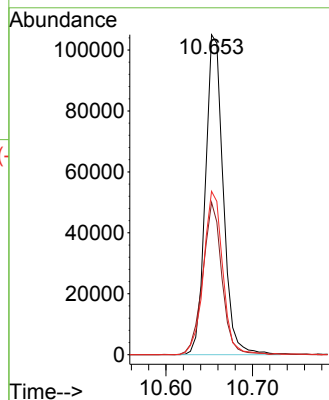
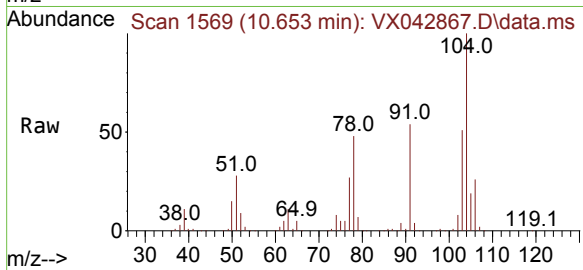
Tgt Ion:104 Resp: 149919

Ion Ratio Lower Upper

104 100

78 51.2 41.1 61.7

103 55.1 44.2 66.2



#70

Isopropylbenzene

Concen: 19.455 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX042867.D

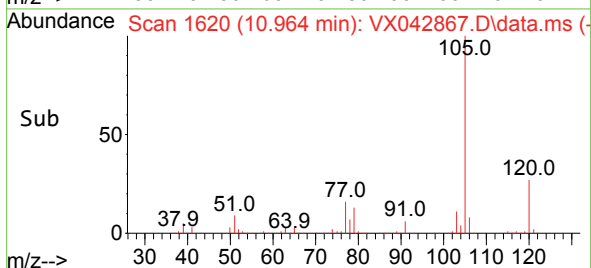
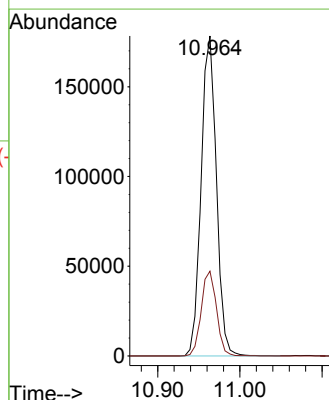
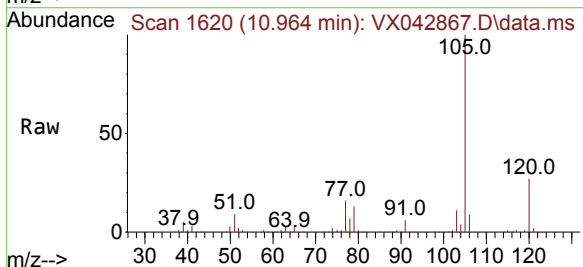
Acq: 06 Aug 2024 13:33

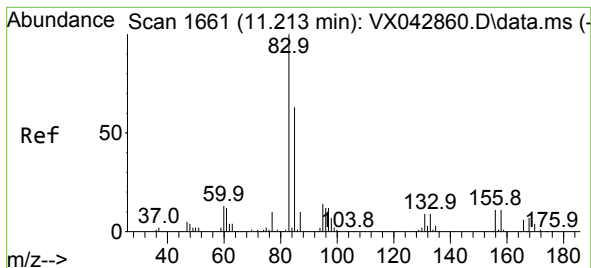
Tgt Ion:105 Resp: 230265

Ion Ratio Lower Upper

105 100

120 26.4 18.4 34.2

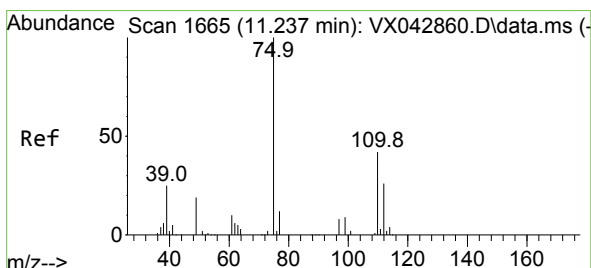
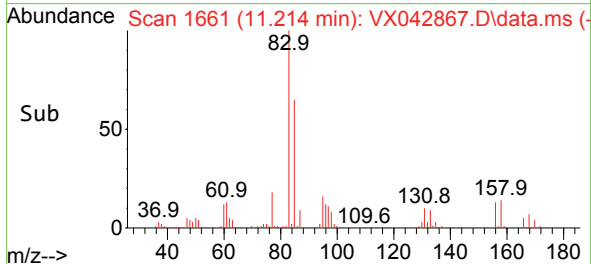
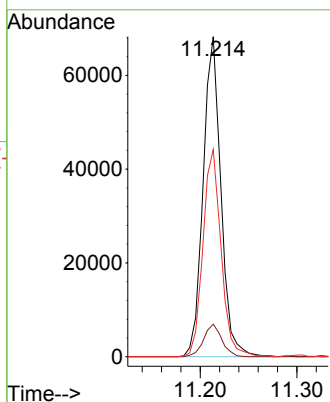
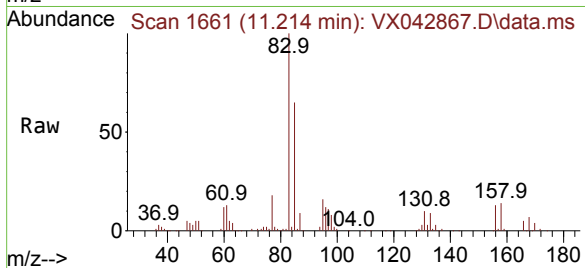




#71  
1,1,2,2-Tetrachloroethane  
Concen: 20.530 ug/l  
RT: 11.214 min Scan# 1661  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

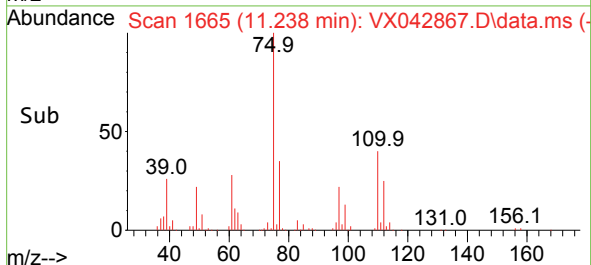
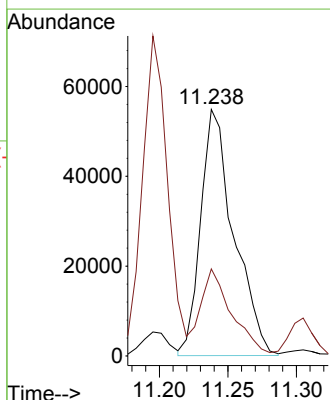
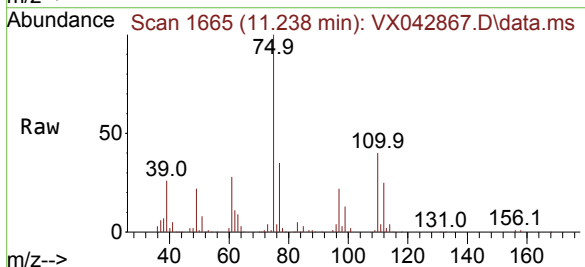
Instrument :  
MSVOA\_X  
ClientSampleId :

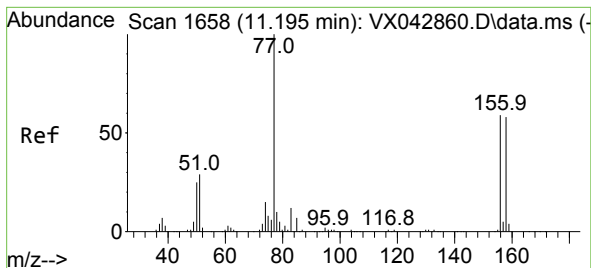
Tgt Ion: 83 Resp: 87638  
Ion Ratio Lower Upper  
83 100  
131 10.3 4.9 14.7  
85 65.7 32.0 96.2



#72  
1,2,3-Trichloropropane  
Concen: 26.530 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Tgt Ion: 75 Resp: 92508  
Ion Ratio Lower Upper  
75 100  
77 33.6 0.0 89.6





#73

Bromobenzene

Concen: 18.965 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

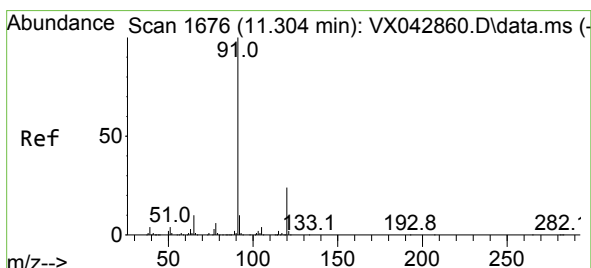
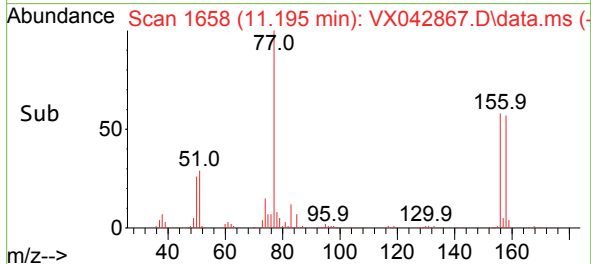
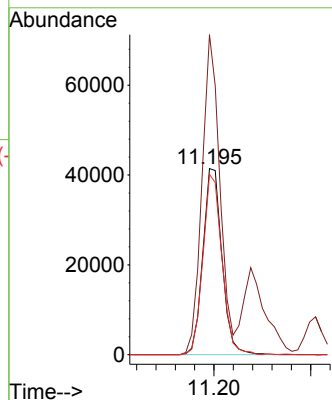
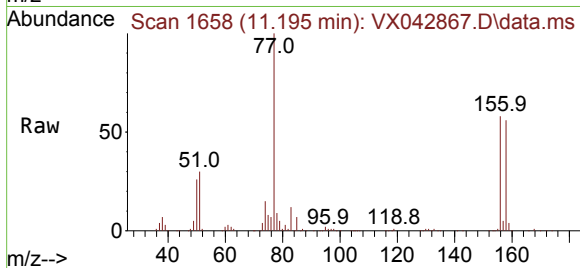
Tgt Ion:156 Resp: 57036

Ion Ratio Lower Upper

156 100

77 160.6 0.0 317.2

158 96.2 0.0 195.2



#74

n-propylbenzene

Concen: 18.882 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX042867.D

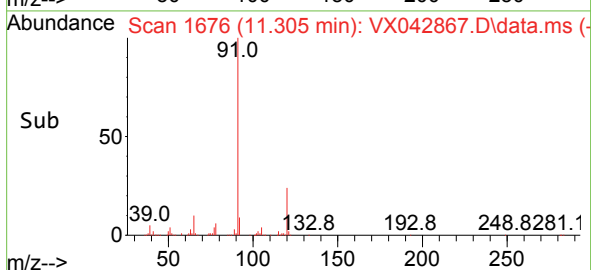
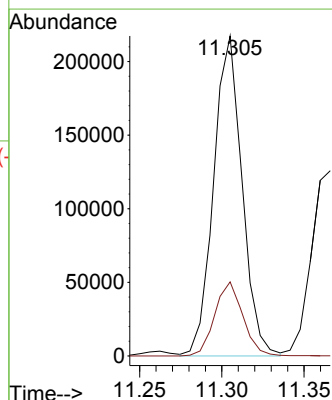
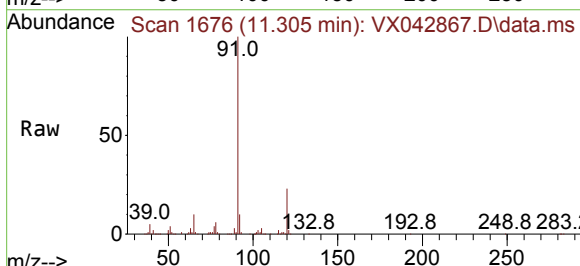
Acq: 06 Aug 2024 13:33

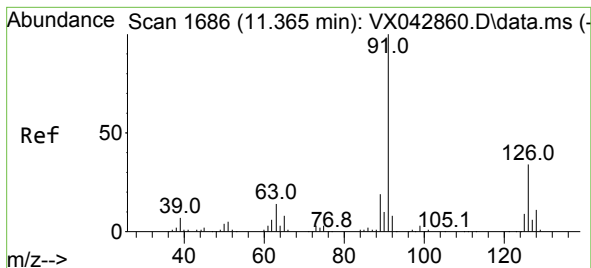
Tgt Ion: 91 Resp: 261433

Ion Ratio Lower Upper

91 100

120 22.9 0.0 45.8





#75

2-Chlorotoluene

Concen: 19.722 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

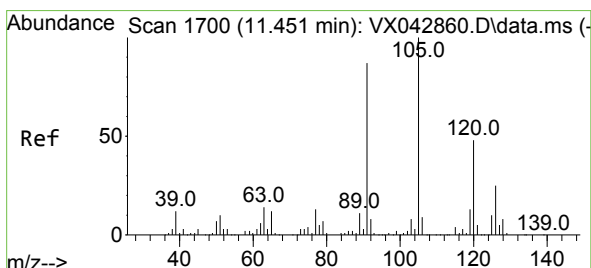
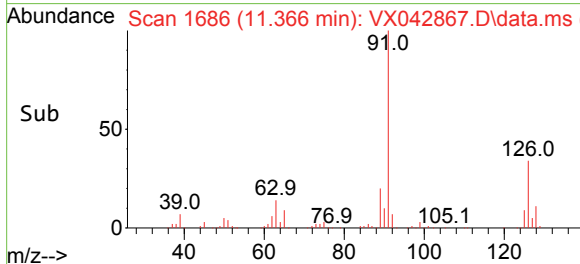
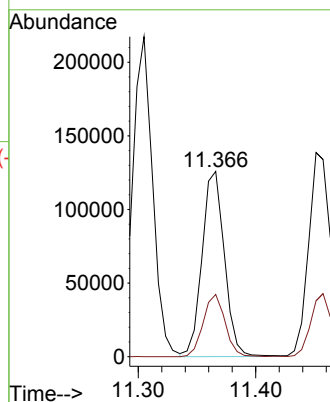
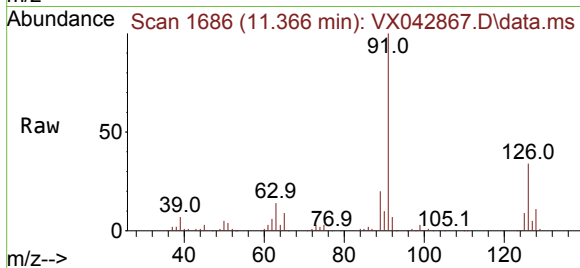
ClientSampleId :

Tgt Ion: 91 Resp: 166668

Ion Ratio Lower Upper

91 100

126 32.9 0.0 66.2



#76

1,3,5-Trimethylbenzene

Concen: 19.443 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.001 min

Lab File: VX042867.D

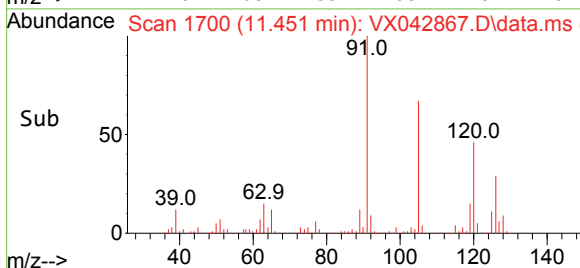
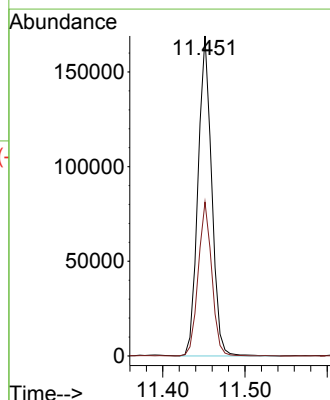
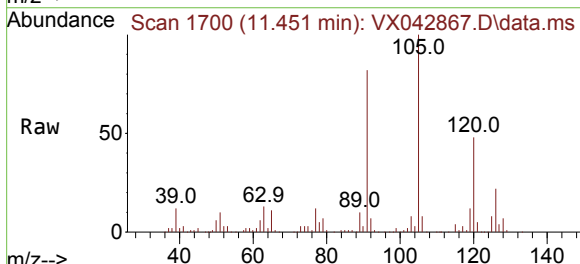
Acq: 06 Aug 2024 13:33

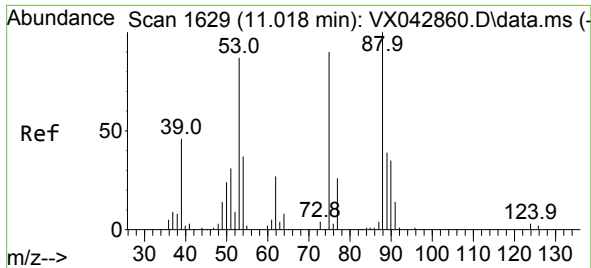
Tgt Ion: 105 Resp: 195046

Ion Ratio Lower Upper

105 100

120 47.7 0.0 94.8

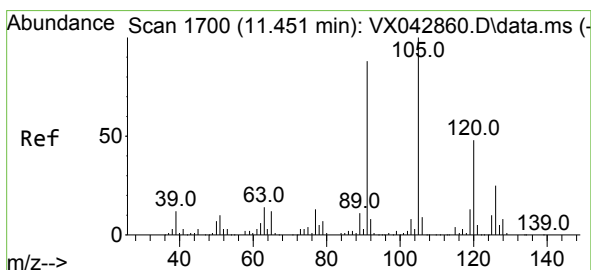
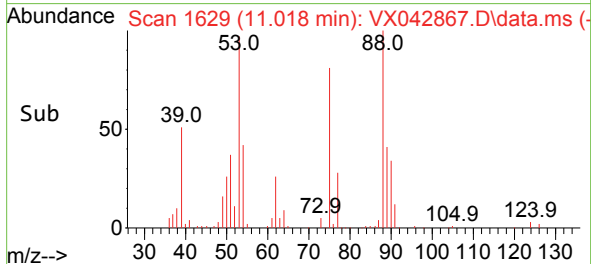
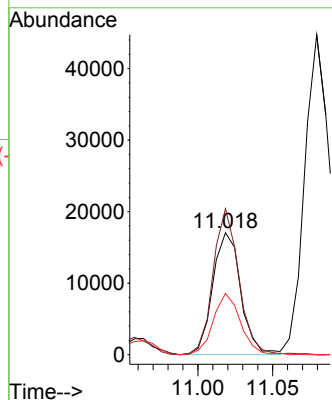
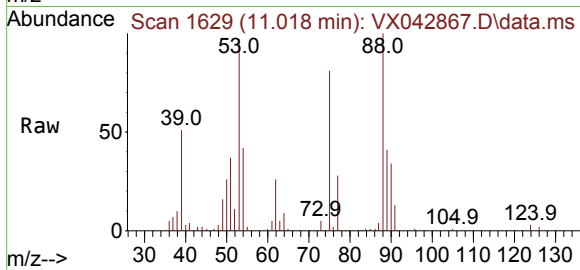




#77  
t-1,4-Dichloro-2-butene  
Concen: 17.970 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

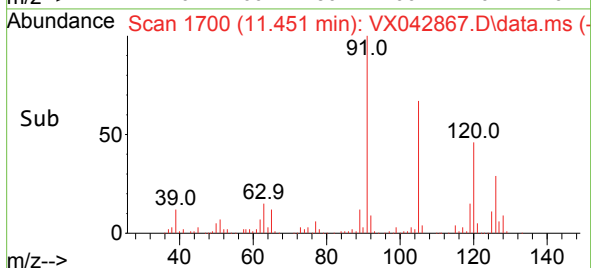
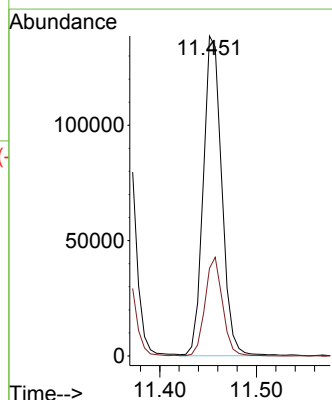
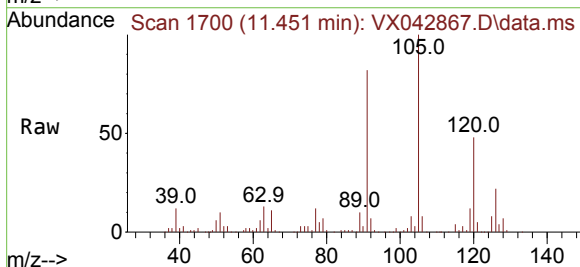
Instrument :  
MSVOA\_X  
ClientSampleId :

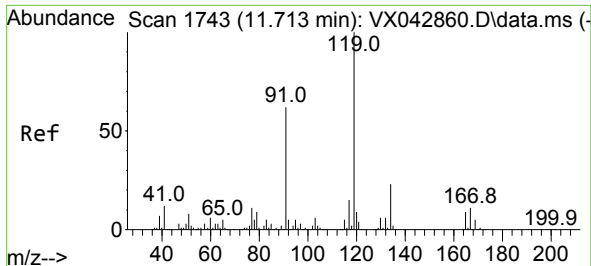
Tgt Ion: 75 Resp: 22279  
Ion Ratio Lower Upper  
75 100  
53 119.7 48.5 145.5  
89 50.3 21.9 65.5



#78  
4-Chlorotoluene  
Concen: 19.018 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

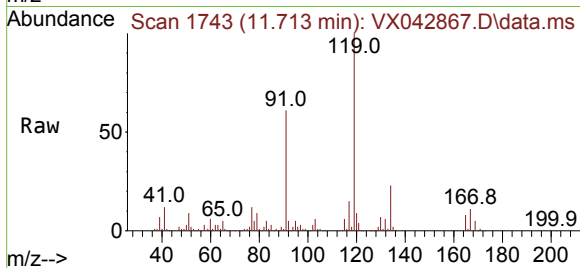
Tgt Ion: 91 Resp: 184322  
Ion Ratio Lower Upper  
91 100  
126 29.3 0.0 59.4



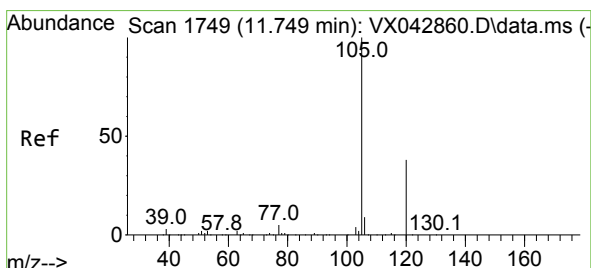
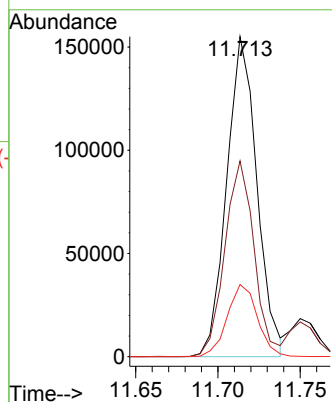
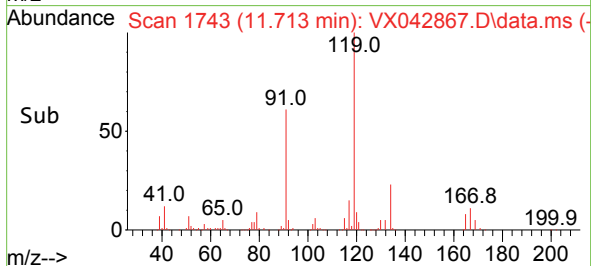


#79  
tert-butylbenzene  
Concen: 19.261 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :

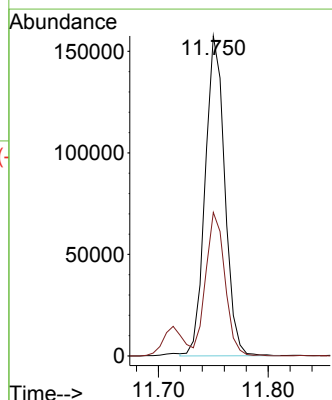
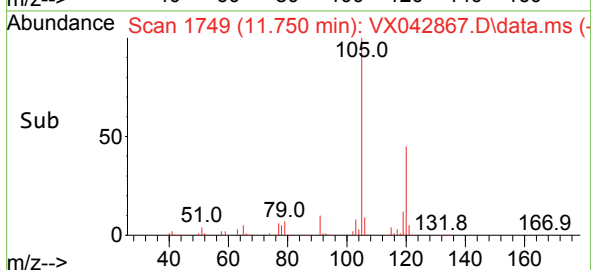
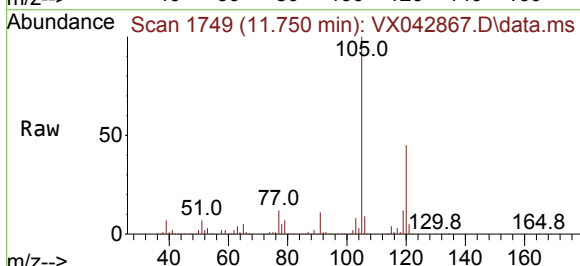


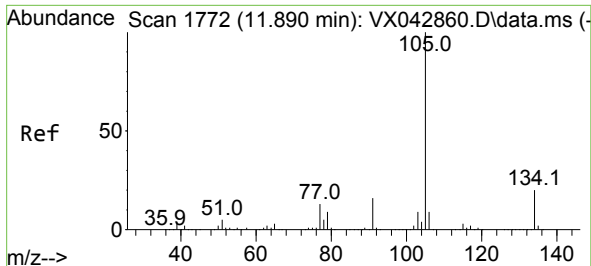
Tgt Ion:119 Resp: 198260  
Ion Ratio Lower Upper  
119 100  
91 59.2 0.0 118.6  
134 22.5 0.0 44.4



#80  
1,2,4-Trimethylbenzene  
Concen: 19.685 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

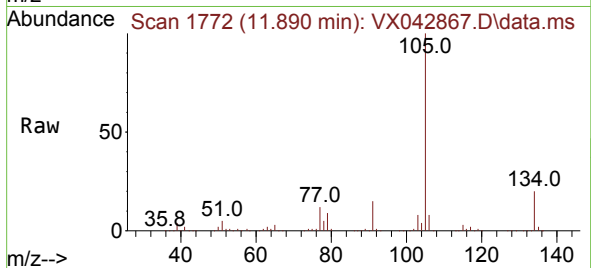
Tgt Ion:105 Resp: 194827  
Ion Ratio Lower Upper  
105 100  
120 43.7 0.0 87.8



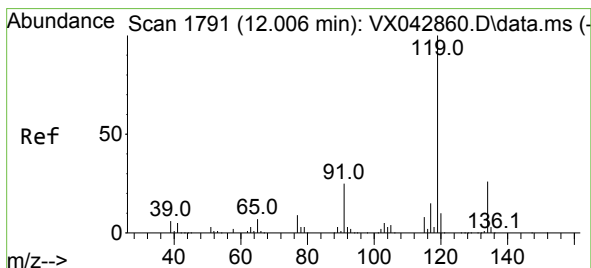
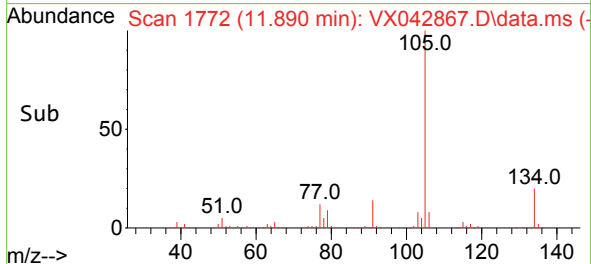
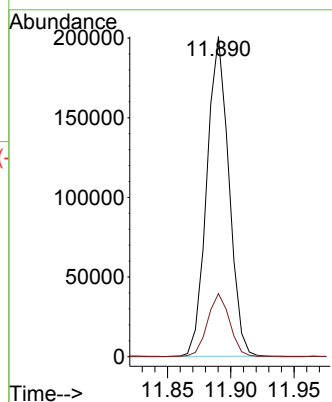


#81  
 sec-Butylbenzene  
 Concen: 19.282 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.001 min  
 Lab File: VX042867.D  
 Acq: 06 Aug 2024 13:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :

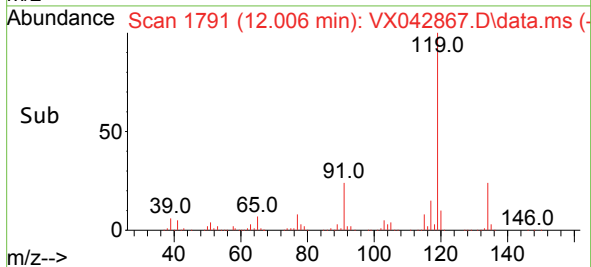
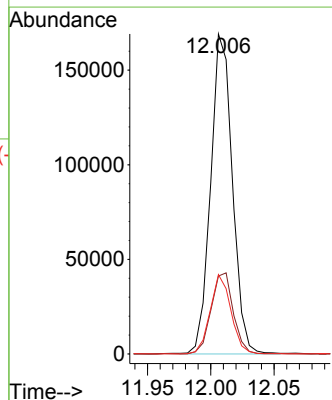
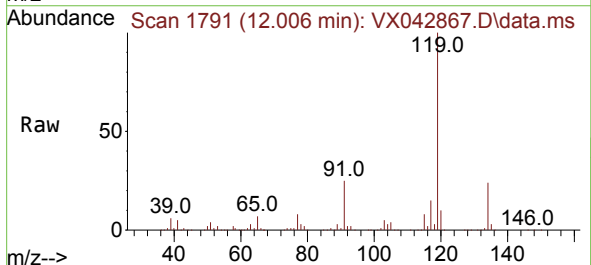


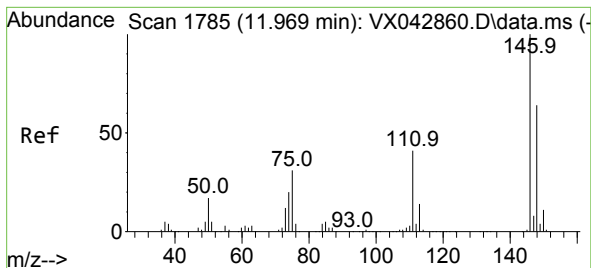
Tgt Ion:105 Resp: 243261  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 0.0 40.0



#82  
 p-Isopropyltoluene  
 Concen: 19.129 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.001 min  
 Lab File: VX042867.D  
 Acq: 06 Aug 2024 13:33

Tgt Ion:119 Resp: 202103  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 0.0 51.8  
 91 23.7 0.0 48.4





#83

1,3-Dichlorobenzene

Concen: 19.086 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

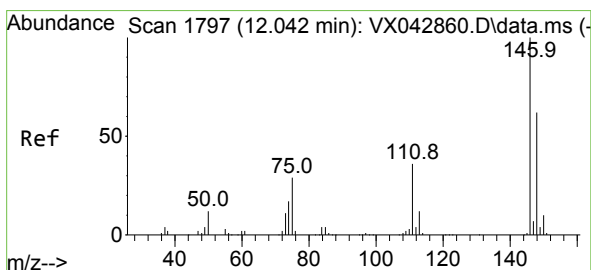
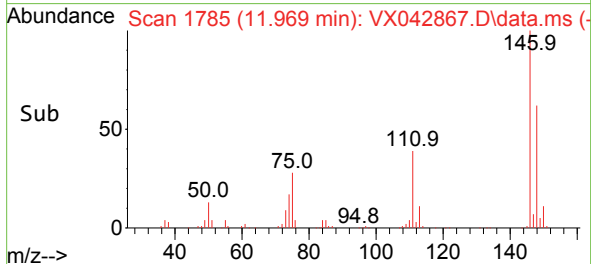
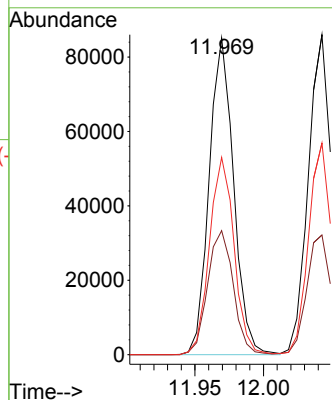
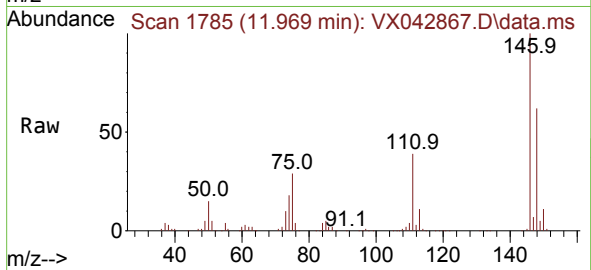
Tgt Ion:146 Resp: 105650

Ion Ratio Lower Upper

146 100

111 41.4 20.3 61.0

148 62.9 31.7 95.1



#84

1,4-Dichlorobenzene

Concen: 19.105 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

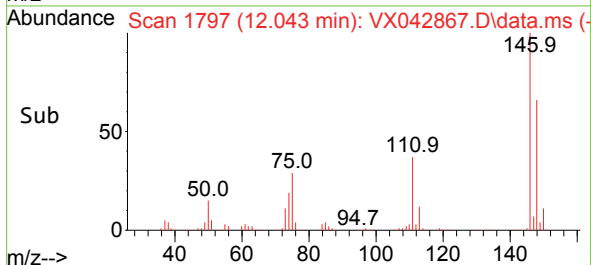
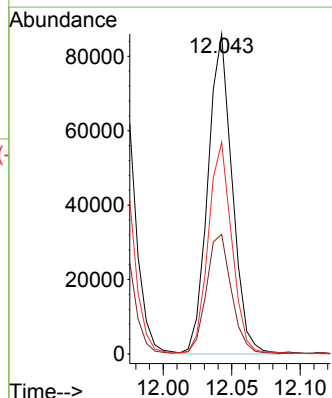
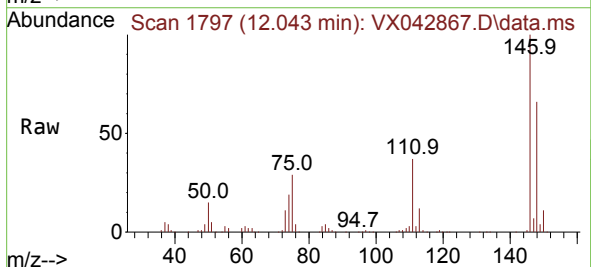
Tgt Ion:146 Resp: 106322

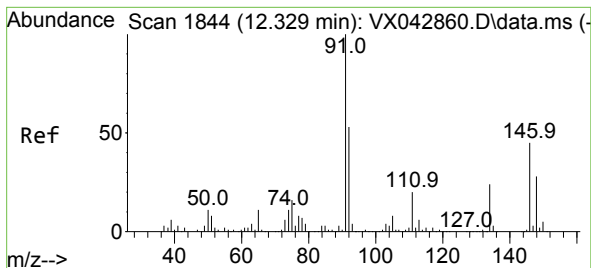
Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.4

148 64.5 31.4 94.2





#85

n-Butylbenzene

Concen: 17.641 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.007 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

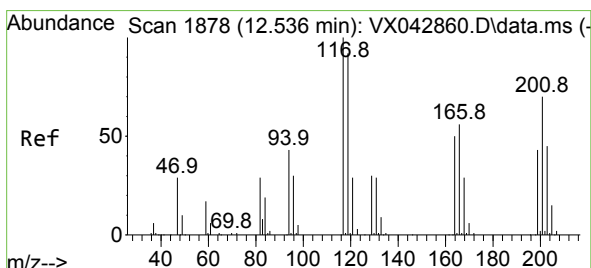
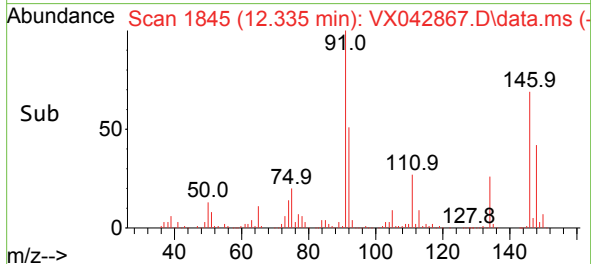
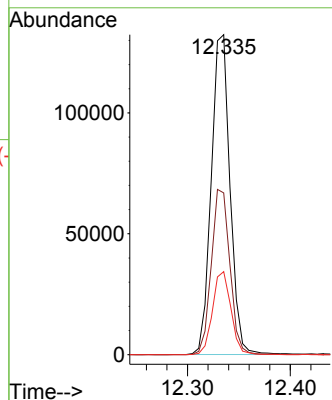
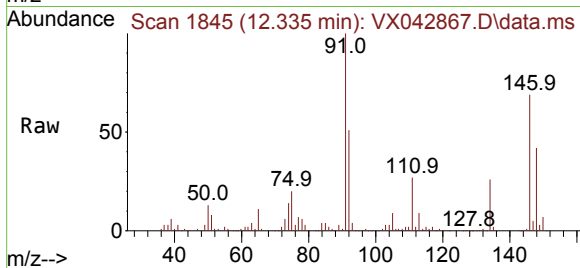
Tgt Ion: 91 Resp: 167990

Ion Ratio Lower Upper

91 100

92 51.3 0.0 106.4

134 25.4 0.0 50.6



#86

Hexachloroethane

Concen: 17.724 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.001 min

Lab File: VX042867.D

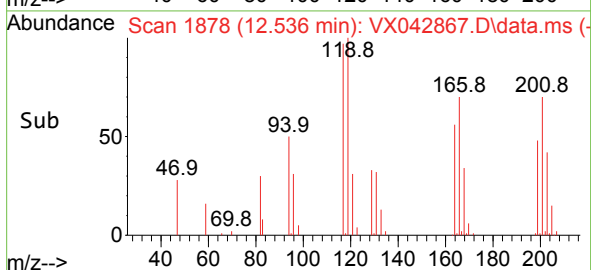
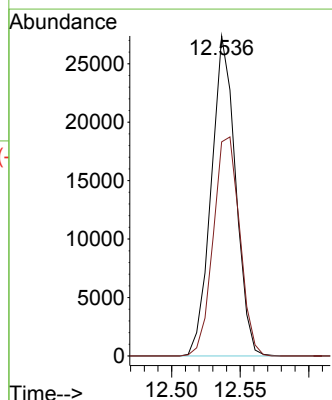
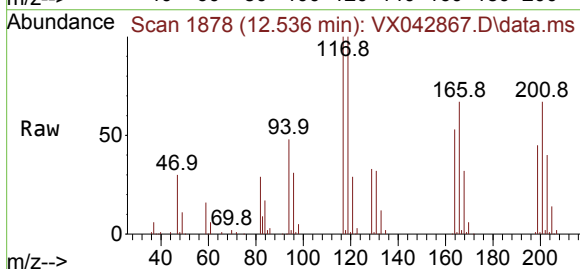
Acq: 06 Aug 2024 13:33

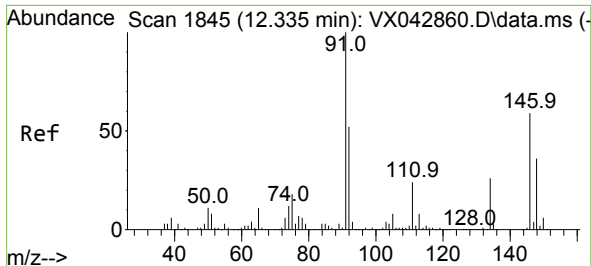
Tgt Ion: 117 Resp: 33796

Ion Ratio Lower Upper

117 100

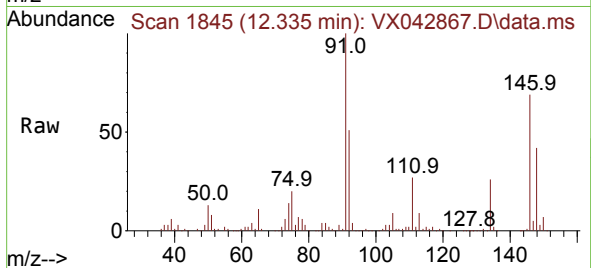
201 74.3 37.5 112.7



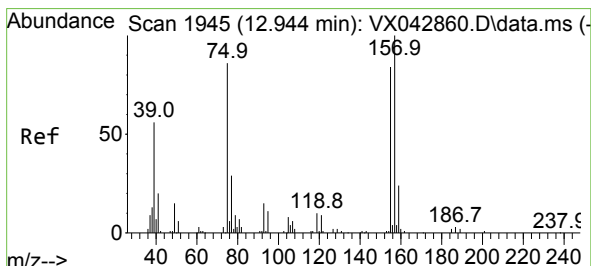
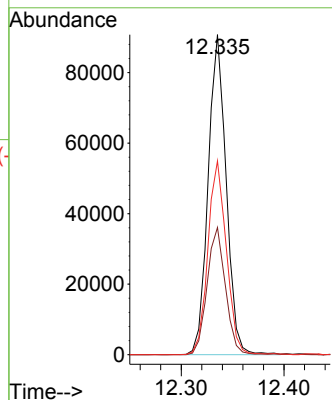
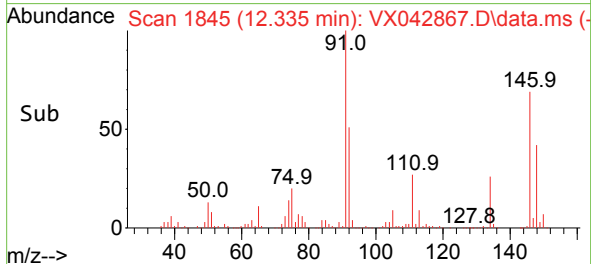


#87  
 1,2-Dichlorobenzene  
 Concen: 20.102 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.001 min  
 Lab File: VX042867.D  
 Acq: 06 Aug 2024 13:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :

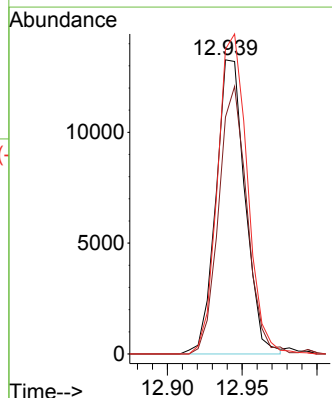
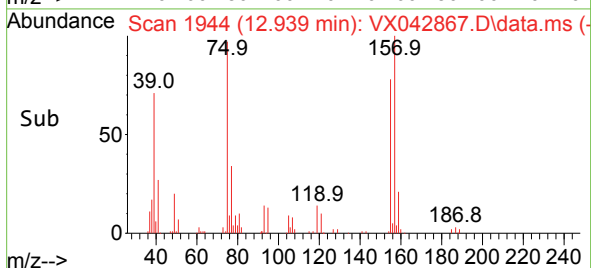
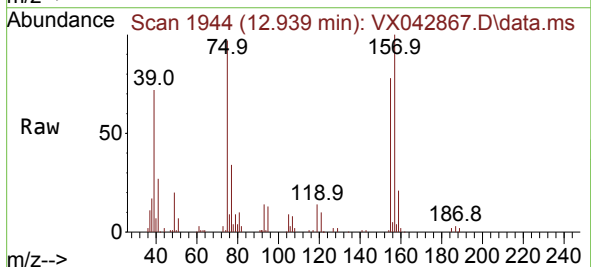


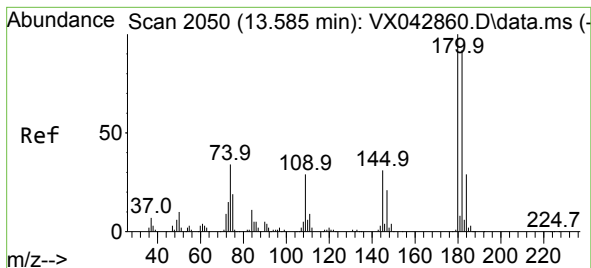
Tgt Ion:146 Resp: 110848  
 Ion Ratio Lower Upper  
 146 100  
 111 40.4 21.0 63.0  
 148 61.9 30.8 92.4



#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.675 ug/l  
 RT: 12.939 min Scan# 1944  
 Delta R.T. -0.006 min  
 Lab File: VX042867.D  
 Acq: 06 Aug 2024 13:33

Tgt Ion: 75 Resp: 18010  
 Ion Ratio Lower Upper  
 75 100  
 155 88.4 68.7 103.1  
 157 111.0 86.7 130.1





#89

1,2,4-Trichlorobenzene

Concen: 17.744 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

Instrument :

MSVOA\_X

ClientSampleId :

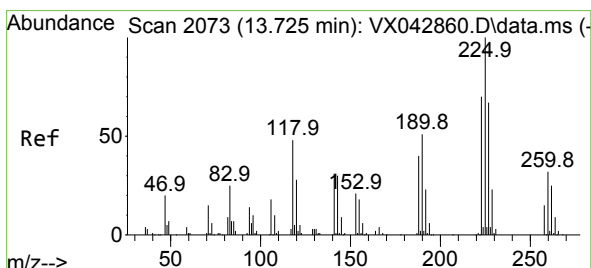
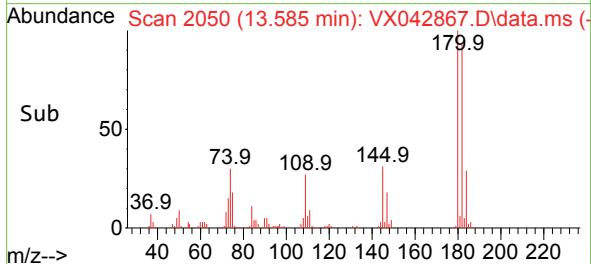
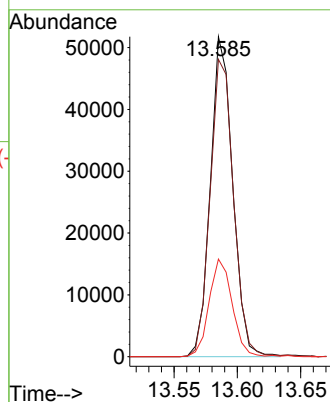
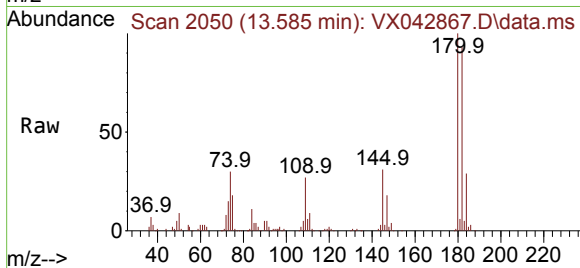
Tgt Ion:180 Resp: 63657

Ion Ratio Lower Upper

180 100

182 97.1 73.1 109.7

145 31.5 24.6 37.0



#90

Hexachlorobutadiene

Concen: 18.478 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.001 min

Lab File: VX042867.D

Acq: 06 Aug 2024 13:33

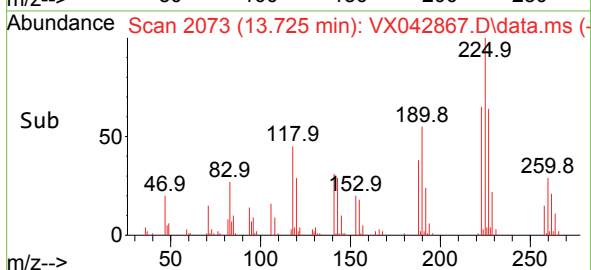
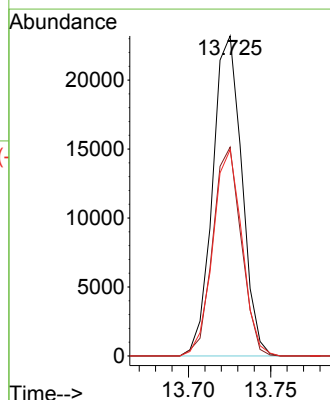
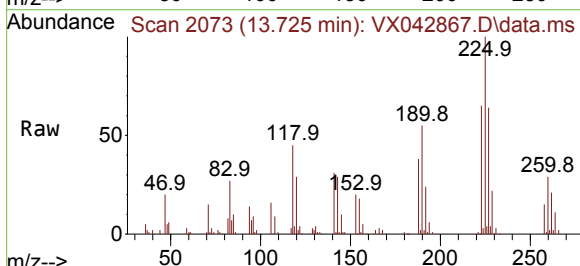
Tgt Ion:225 Resp: 28647

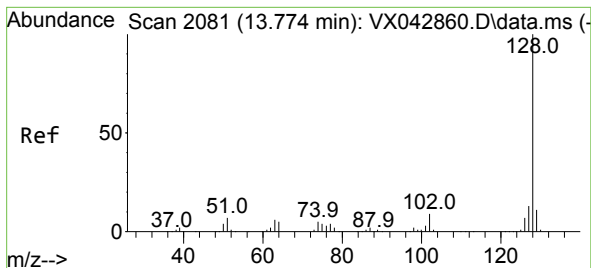
Ion Ratio Lower Upper

225 100

223 63.8 0.0 135.0

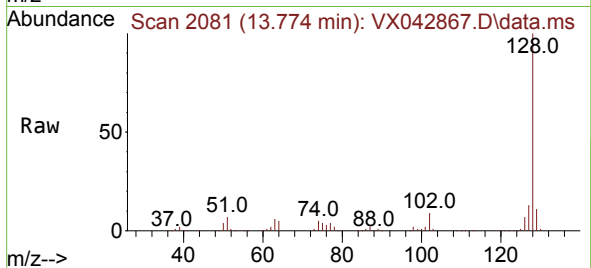
227 64.3 0.0 130.4



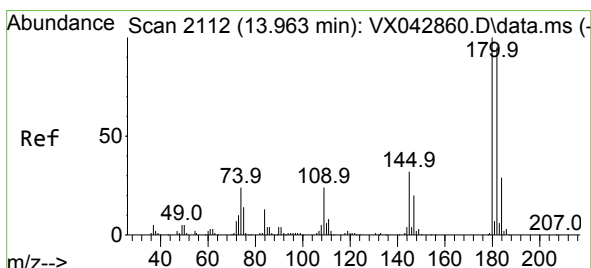
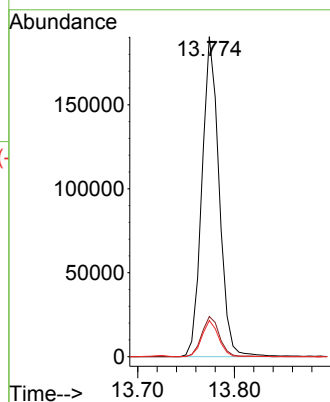
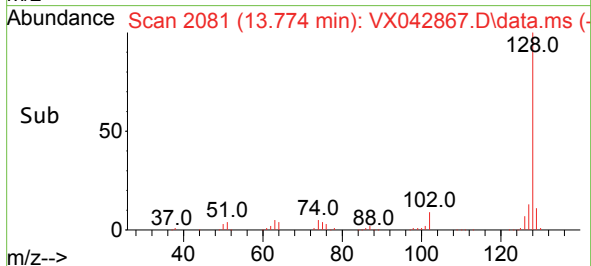


#91  
Naphthalene  
Concen: 19.518 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.001 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33

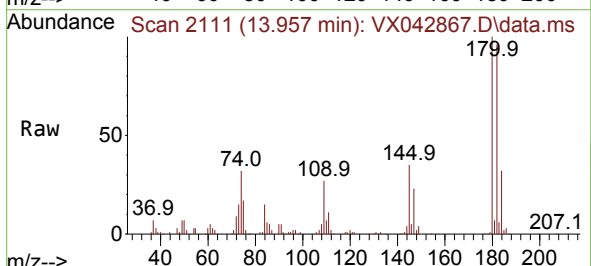
Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 235718  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.4  
129 11.0 8.8 13.2



#92  
1,2,3-Trichlorobenzene  
Concen: 18.528 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: VX042867.D  
Acq: 06 Aug 2024 13:33



Tgt Ion:180 Resp: 67124  
Ion Ratio Lower Upper  
180 100  
182 95.4 0.0 185.8  
145 33.8 0.0 65.2

