

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080724\  
 Data File : VX042880.D  
 Acq On : 06 Aug 2024 19:28  
 Operator : JC/MD  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 07 02:38:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 07 02:27:24 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 254784   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 424451   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 376326   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 178191   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 169926   | 48.582   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 97.160% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 137025   | 49.374   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.740% |
| 50) Toluene-d8              | 8.647  | 98    | 482026   | 48.925   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 97.860% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 168890   | 47.704   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 95.400% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.167 | 85  | 140634  | 51.209  | ug/l   | 98  |
| 3) Chloromethane             | 1.301 | 50  | 140465  | 46.943  | ug/l   | 97  |
| 4) Vinyl Chloride            | 1.374 | 62  | 140494  | 49.486  | ug/l   | 99  |
| 5) Bromomethane              | 1.593 | 94  | 80620   | 46.921  | ug/l   | 100 |
| 6) Chloroethane              | 1.660 | 64  | 81728   | 50.531  | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 1.868 | 101 | 225921  | 51.168  | ug/l   | 98  |
| 8) Diethyl Ether             | 2.136 | 74  | 78696   | 48.458  | ug/l   | 91  |
| 9) 1,1,2-Trichlorotrifluo... | 2.313 | 101 | 135781  | 48.913  | ug/l   | 96  |
| 10) Methyl Iodide            | 2.441 | 142 | 146530  | 51.049  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 2.995 | 59  | 187226  | 269.115 | ug/l # | 93  |
| 12) 1,1-Dichloroethene       | 2.307 | 96  | 136392  | 48.568  | ug/l   | 87  |
| 13) Acrolein                 | 2.240 | 56  | 170757  | 249.005 | ug/l   | 100 |
| 14) Allyl chloride           | 2.660 | 41  | 206197  | 48.593  | ug/l   | 93  |
| 15) Acrylonitrile            | 3.069 | 53  | 435045  | 245.001 | ug/l   | 98  |
| 16) Acetone                  | 2.392 | 43  | 358706  | 236.445 | ug/l   | 94  |
| 17) Carbon Disulfide         | 2.502 | 76  | 330466  | 48.357  | ug/l   | 100 |
| 18) Methyl Acetate           | 2.709 | 43  | 224558  | 46.677  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 3.123 | 73  | 467350  | 49.444  | ug/l   | 100 |
| 20) Methylene Chloride       | 2.788 | 84  | 151800  | 48.325  | ug/l   | 92  |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 140692  | 49.796  | ug/l   | 93  |
| 22) Diisopropyl ether        | 3.770 | 45  | 463923  | 49.767  | ug/l   | 88  |
| 23) Vinyl Acetate            | 3.727 | 43  | 2714509 | 256.573 | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 265569  | 49.535  | ug/l   | 98  |
| 25) 2-Butanone               | 4.568 | 43  | 596832  | 250.510 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 162468  | 49.294  | ug/l   | 94  |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 168872  | 50.400  | ug/l   | 90  |
| 28) Bromochloromethane       | 4.904 | 49  | 87749   | 42.655  | ug/l   | 87  |
| 29) Tetrahydrofuran          | 5.013 | 42  | 394746  | 245.196 | ug/l   | 95  |
| 30) Chloroform               | 5.093 | 83  | 278019  | 49.536  | ug/l   | 100 |
| 31) Cyclohexane              | 5.471 | 56  | 218533  | 49.934  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 247442  | 50.081  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 5.684 | 75  | 181962  | 48.359  | ug/l   | 97  |
| 37) Ethyl Acetate            | 4.721 | 43  | 232409  | 49.366  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 5.678 | 117 | 208889  | 49.179  | ug/l   | 98  |
| 39) Methylcyclohexane        | 7.379 | 83  | 233010  | 52.093  | ug/l   | 97  |
| 40) Benzene                  | 6.038 | 78  | 587380  | 50.299  | ug/l   | 99  |

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 Acq On : 06 Aug 2024 19:28  
 Operator : JC/MD  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 07 02:38:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 07 02:27:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 125039   | 51.567  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 211079   | 49.693  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.349  | 43   | 353348   | 50.750  | ug/l   | 98       |
| 44) Trichloroethene           | 7.123  | 130  | 143642   | 48.953  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 147196   | 49.689  | ug/l   | 100      |
| 46) Dibromomethane            | 7.580  | 93   | 108500   | 49.869  | ug/l   | 94       |
| 47) Bromodichloromethane      | 7.824  | 83   | 206609   | 51.119  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.696  | 41   | 174505   | 52.270  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 75953    | 988.943 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 1174877  | 251.920 | ug/l   | 98       |
| 52) Toluene                   | 8.720  | 92   | 360392   | 50.877  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 193799   | 51.871  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 213498   | 51.742  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 142554   | 49.504  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 236953   | 51.135  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 235251   | 49.869  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.245  | 63   | 574465   | 263.032 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 908960   | 251.528 | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.519  | 129  | 158037   | 49.958  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 152395   | 50.089  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 131072   | 50.092  | ug/l   | 96       |
| 65) Chlorobenzene             | 10.080 | 112  | 391018   | 48.964  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 137657   | 49.991  | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.195 | 91   | 679787   | 50.606  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 524202   | 102.222 | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 258694   | 50.359  | ug/l   | 98       |
| 70) Styrene                   | 10.653 | 104  | 434136   | 52.555  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 113423   | 48.675  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.964 | 105  | 654538   | 50.806  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 301881   | 52.077  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 227046   | 48.108  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 248036   | 63.457  | ug/l   | 92       |
| 77) Bromobenzene              | 11.195 | 156  | 163448   | 49.875  | ug/l   | 90       |
| 78) n-propylbenzene           | 11.305 | 91   | 750582   | 52.450  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 458041   | 49.939  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 551055   | 51.658  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 64112    | 52.018  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 520906   | 50.527  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 552320   | 50.382  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 562656   | 52.393  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 673663   | 52.187  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 571852   | 53.321  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 293521   | 49.490  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 291382   | 47.930  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 485925   | 52.520  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 97498    | 49.698  | ug/l   | 84       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 295210   | 49.707  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 52278    | 50.412  | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 181296   | 50.045  | ug/l   | 93       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 77353    | 50.346  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 652942   | 52.086  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 186267   | 51.079  | ug/l   | 98       |

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Acq On : 06 Aug 2024 19:28  
Operator : JC/MD  
Sample : VSTDICCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

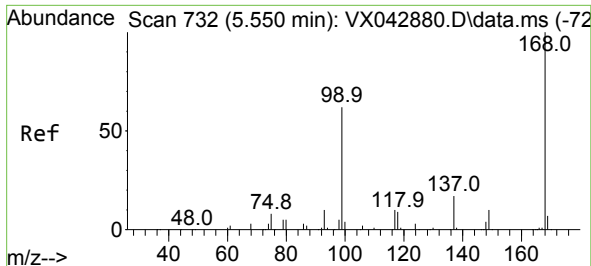
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 07 02:27:24 2024  
Response via : Initial Calibration

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

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

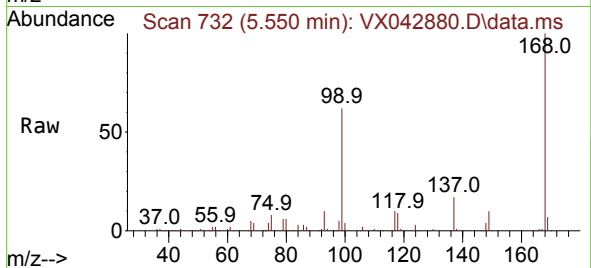
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 07 02:27:24 2024  
Response via : Initial Calibration



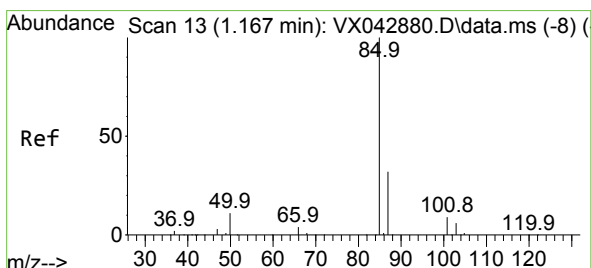
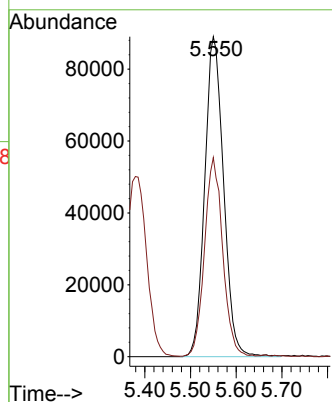


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Instrument :  
MSVOA\_X  
ClientSampleId :

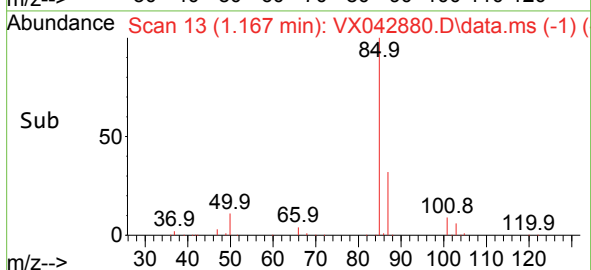
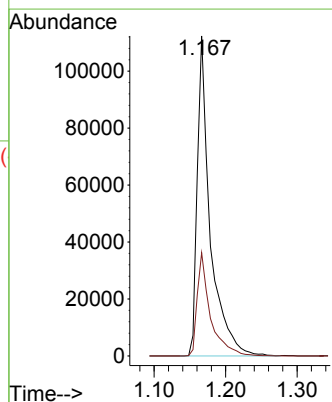
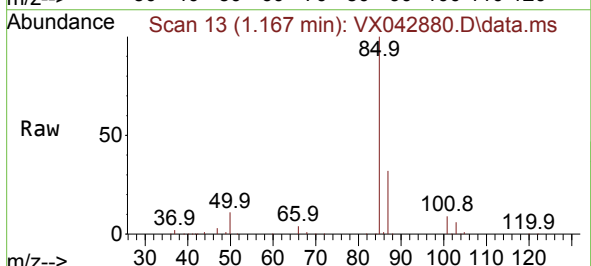


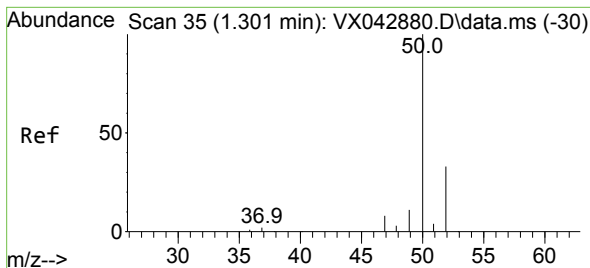
Tgt Ion:168 Resp: 254784  
Ion Ratio Lower Upper  
168 100  
99 62.0 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 51.209 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Tgt Ion: 85 Resp: 140634  
Ion Ratio Lower Upper  
85 100  
87 32.3 16.7 50.1





#3

Chloromethane

Concen: 46.943 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

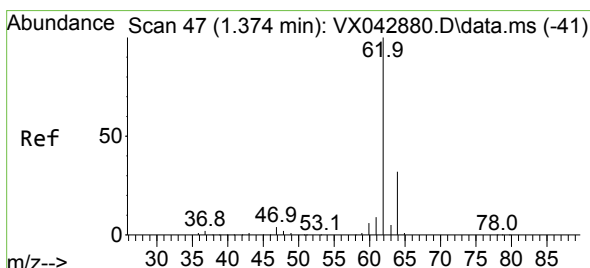
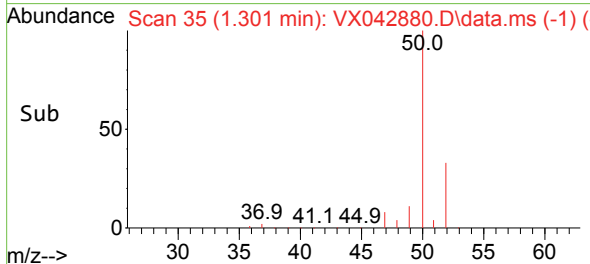
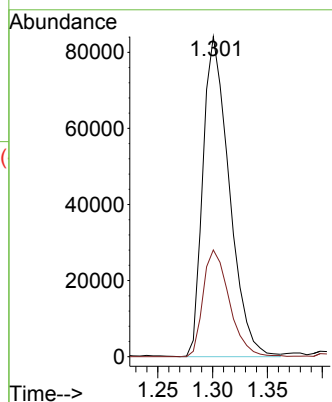
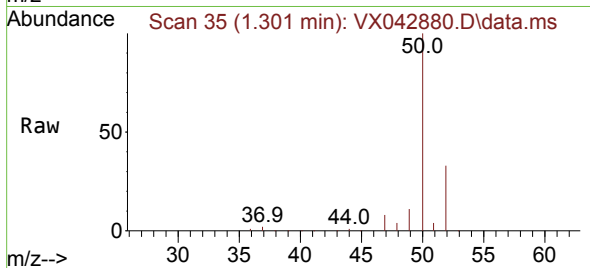
ClientSampleId :

Tgt Ion: 50 Resp: 140465

Ion Ratio Lower Upper

50 100

52 33.4 25.5 38.3



#4

Vinyl Chloride

Concen: 49.486 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX042880.D

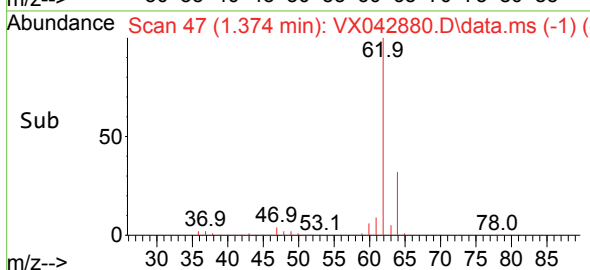
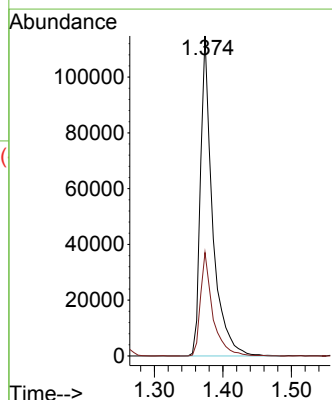
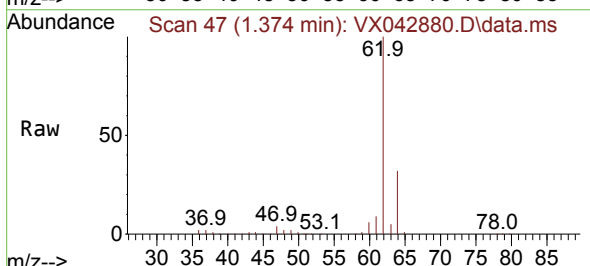
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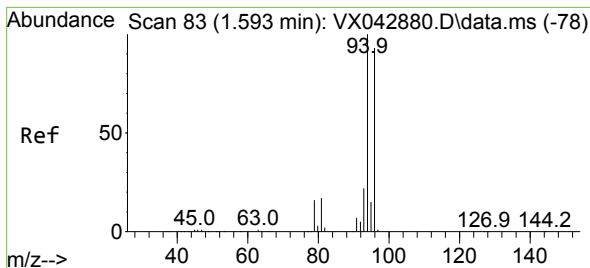
Tgt Ion: 62 Resp: 140494

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0





#5

Bromomethane

Concen: 46.921 ug/l

RT: 1.593 min Scan# 81

Delta R.T. 0.000 min

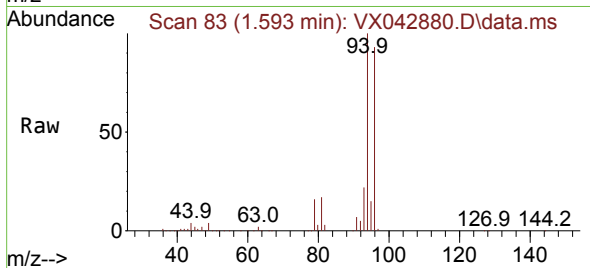
Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

ClientSampleId :

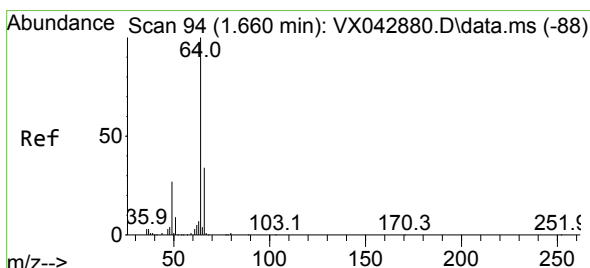
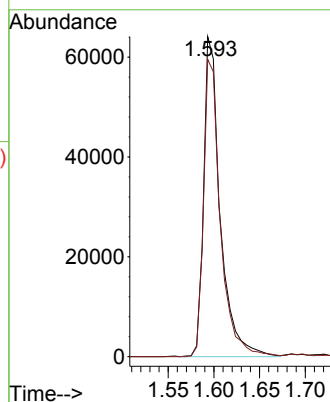
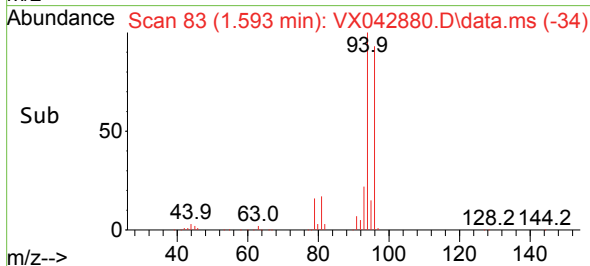


Tgt Ion: 94 Resp: 80620

Ion Ratio Lower Upper

94 100

96 92.9 74.6 111.8



#6

Chloroethane

Concen: 50.531 ug/l

RT: 1.660 min Scan# 94

Delta R.T. 0.000 min

Lab File: VX042880.D

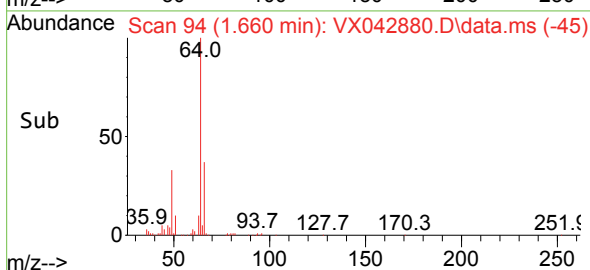
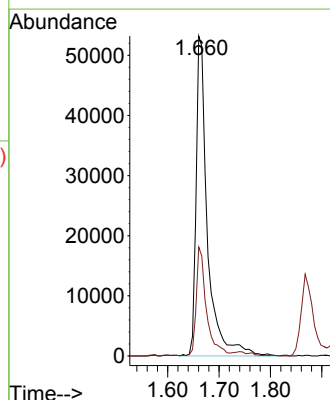
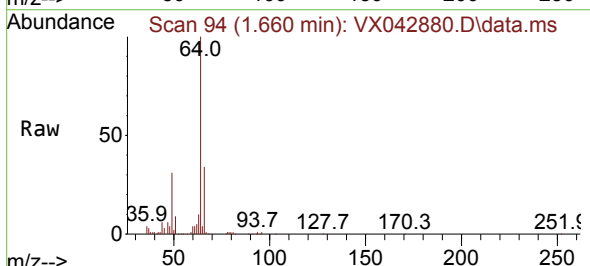
Acq: 06 Aug 2024 19:28

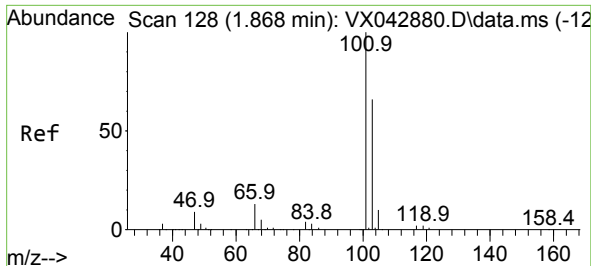
Tgt Ion: 64 Resp: 81728

Ion Ratio Lower Upper

64 100

66 34.1 25.1 37.7

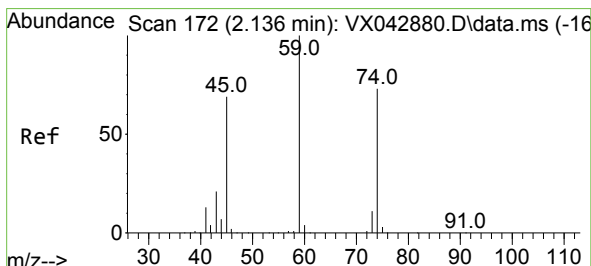
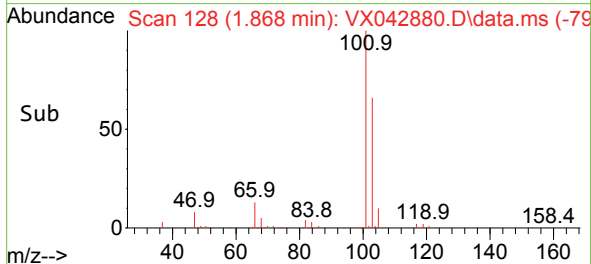
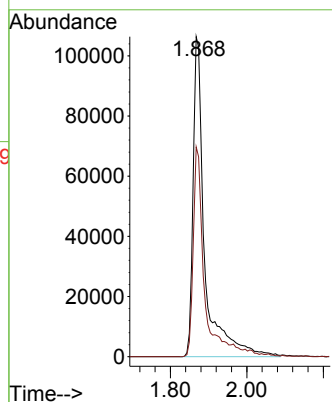
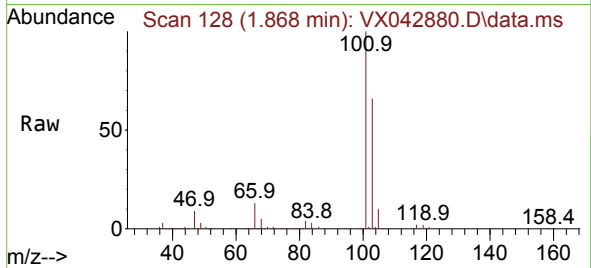




#7  
 Trichlorofluoromethane  
 Concen: 51.168 ug/l  
 RT: 1.868 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX042880.D  
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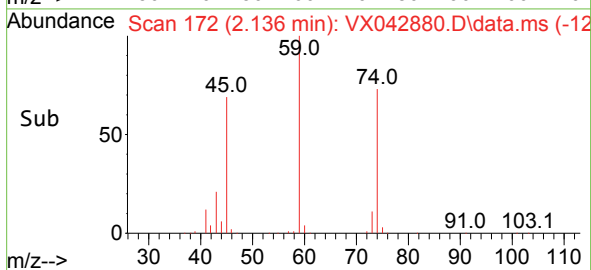
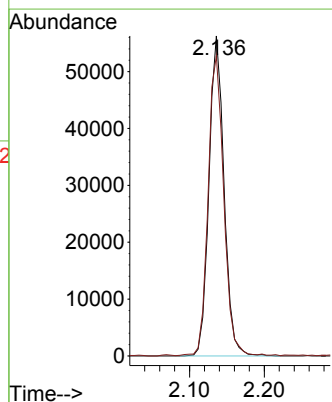
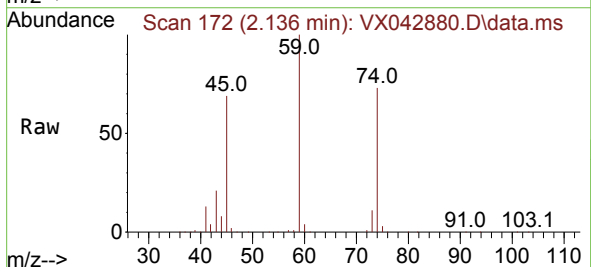
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion:101 Resp: 225921  
 Ion Ratio Lower Upper  
 101 100  
 103 65.5 51.4 77.2

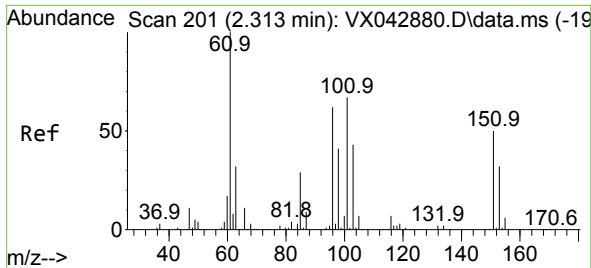


#8  
 Diethyl Ether  
 Concen: 48.458 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX042880.D  
 Acq: 06 Aug 2024 19:28

Tgt Ion: 74 Resp: 78696  
 Ion Ratio Lower Upper  
 74 100  
 45 97.4 53.3 159.8



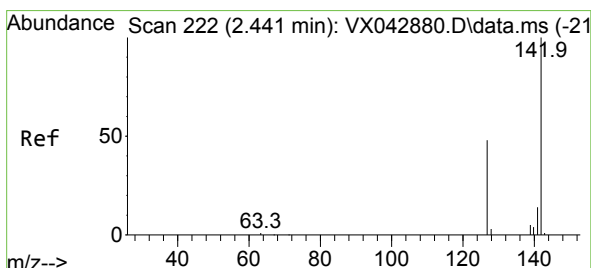
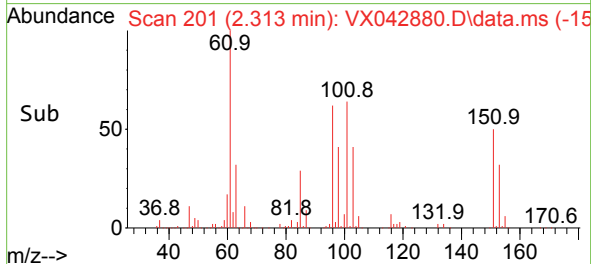
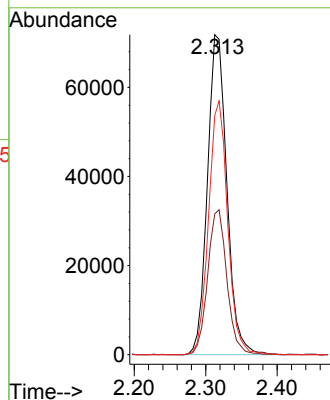
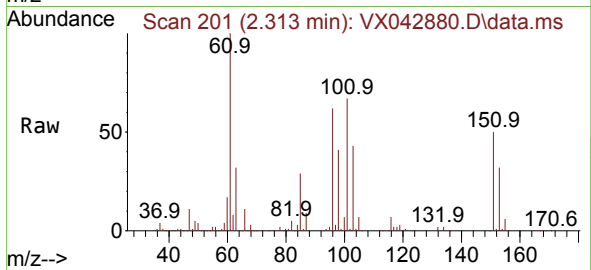




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.913 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

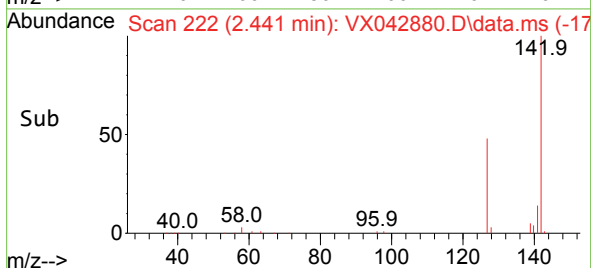
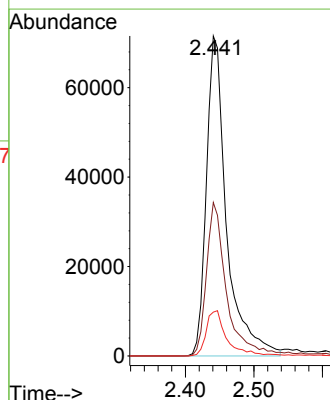
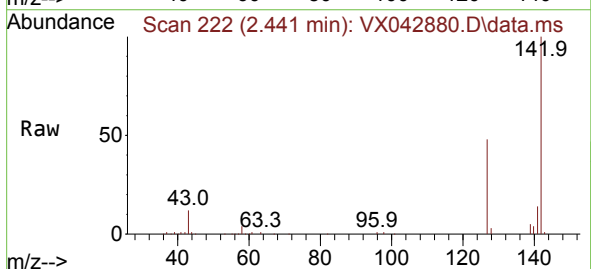
Instrument :  
MSVOA\_X  
ClientSampleId :

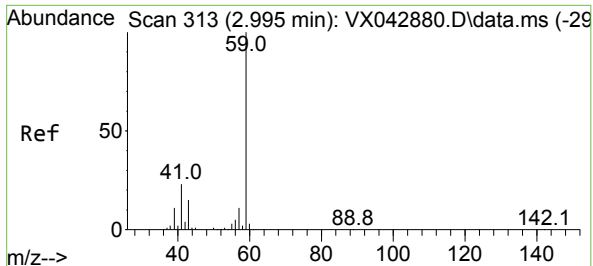
Tgt Ion:101 Resp: 135781  
Ion Ratio Lower Upper  
101 100  
85 44.9 37.0 55.6  
151 78.1 58.6 87.8



#10  
Methyl Iodide  
Concen: 51.049 ug/l  
RT: 2.441 min Scan# 222  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Tgt Ion:142 Resp: 146530  
Ion Ratio Lower Upper  
142 100  
127 48.6 41.6 62.4  
141 14.6 11.6 17.4

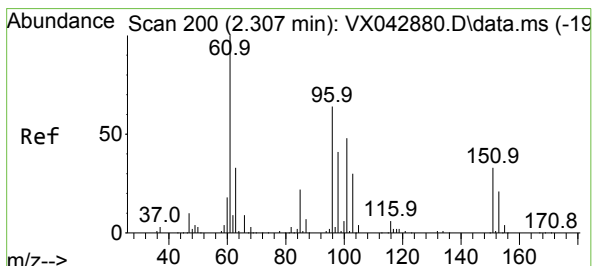
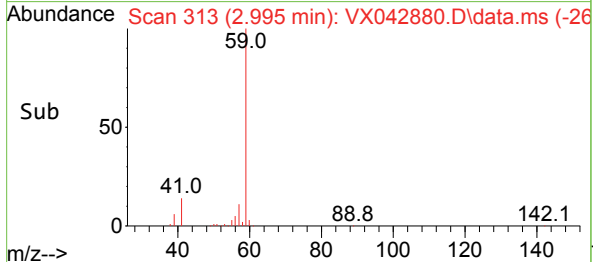
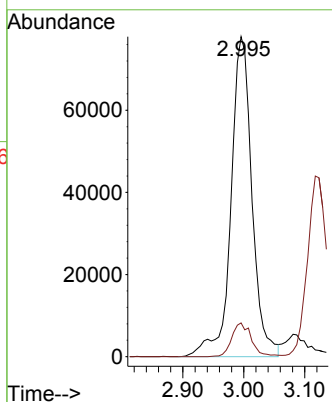
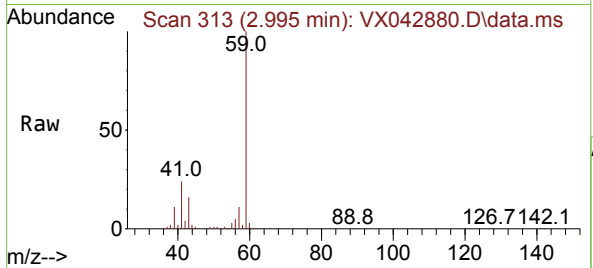




#11  
Tert butyl alcohol  
Concen: 269.115 ug/l  
RT: 2.995 min Scan# 313  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

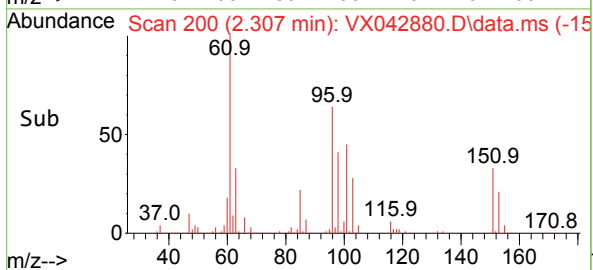
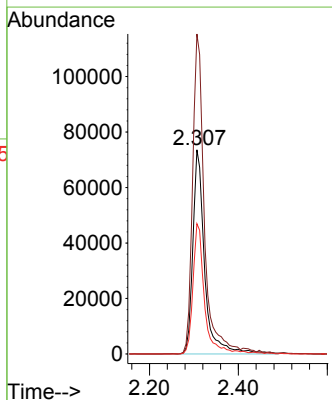
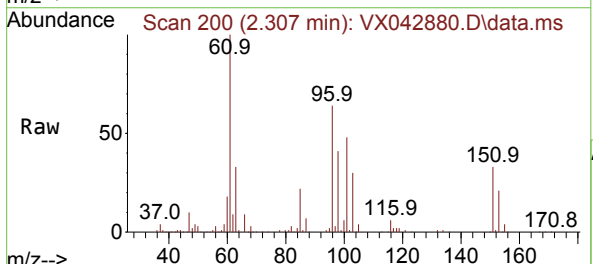
Instrument :  
MSVOA\_X  
ClientSampleId :

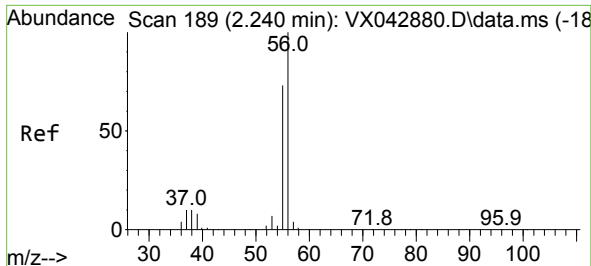
Tgt Ion: 59 Resp: 187226  
Ion Ratio Lower Upper  
59 100  
57 9.9 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 48.568 ug/l  
RT: 2.307 min Scan# 200  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Tgt Ion: 96 Resp: 136392  
Ion Ratio Lower Upper  
96 100  
61 156.7 144.6 216.8  
98 63.8 50.4 75.6





#13

Acrolein

Concen: 249.005 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

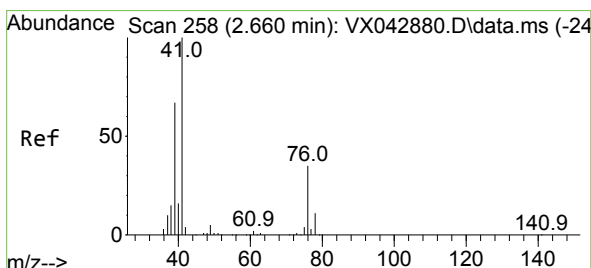
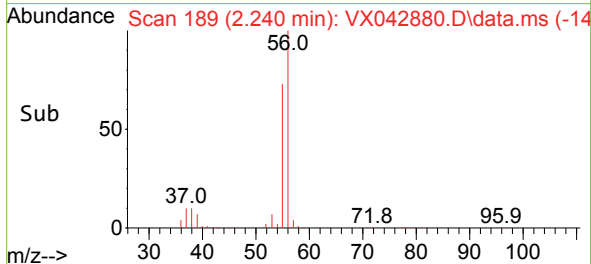
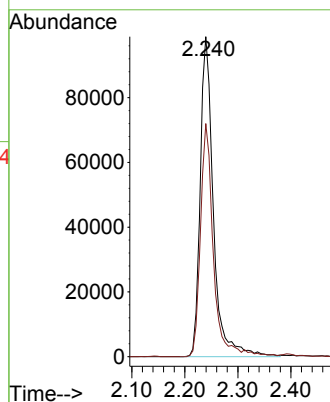
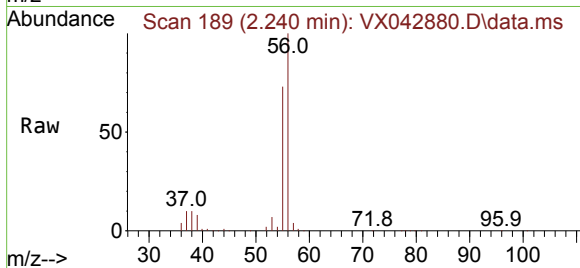
ClientSampleId :

Tgt Ion: 56 Resp: 170757

Ion Ratio Lower Upper

56 100

55 71.8 57.1 85.7



#14

Allyl chloride

Concen: 48.593 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

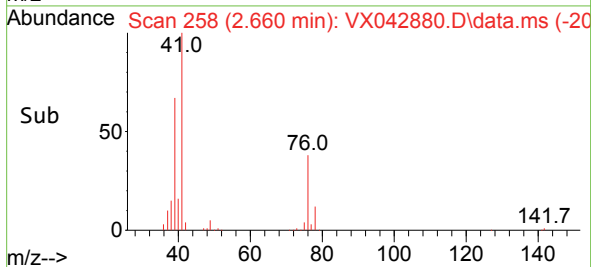
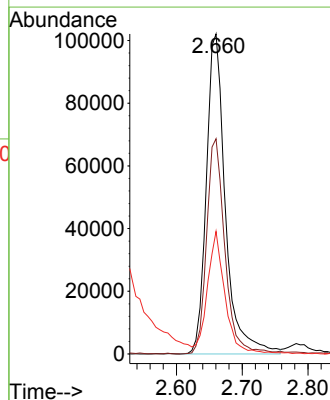
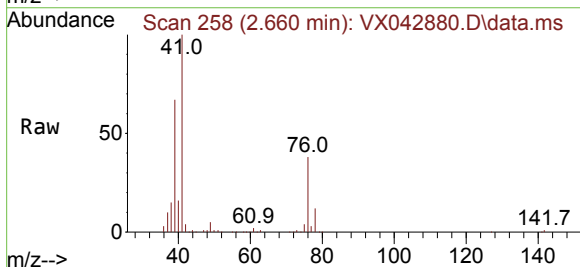
Tgt Ion: 41 Resp: 206197

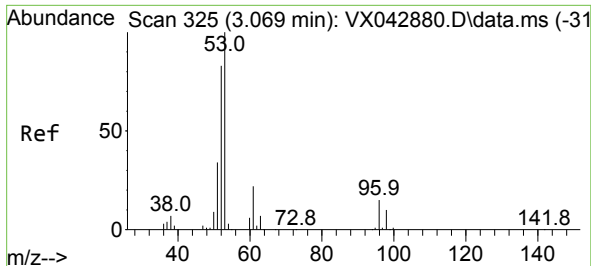
Ion Ratio Lower Upper

41 100

39 64.3 55.8 83.6

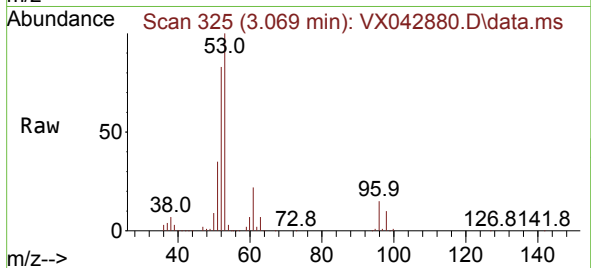
76 35.4 24.3 36.5



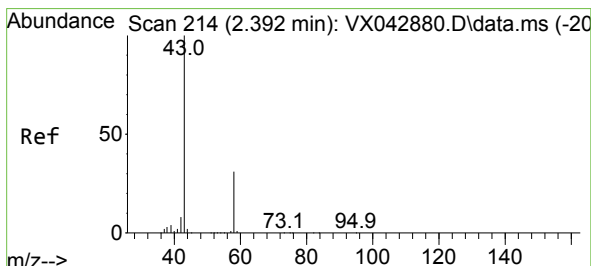
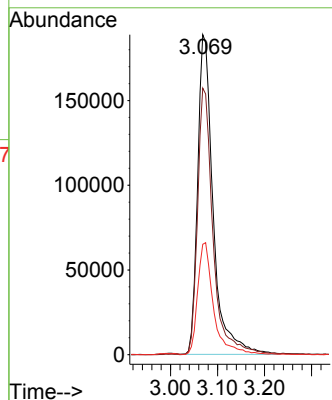
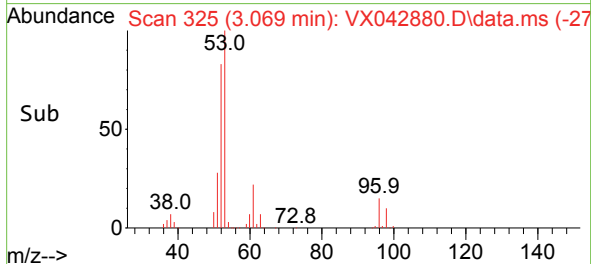


#15  
Acrylonitrile  
Concen: 245.001 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Instrument :  
MSVOA\_X  
ClientSampleId :

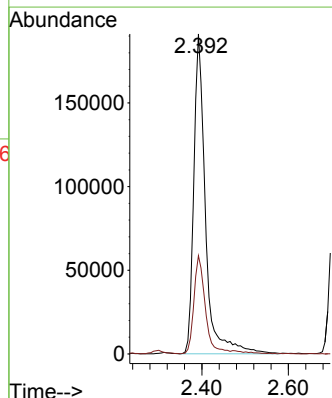
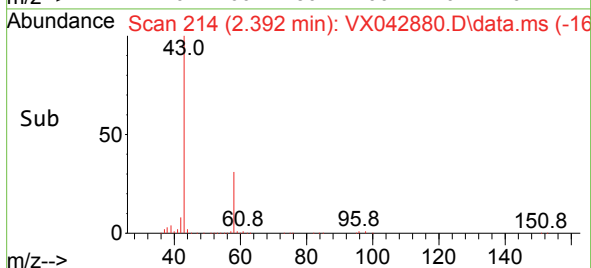
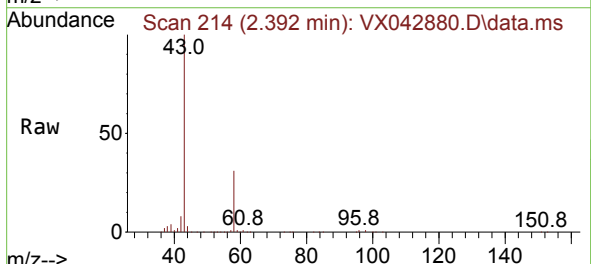


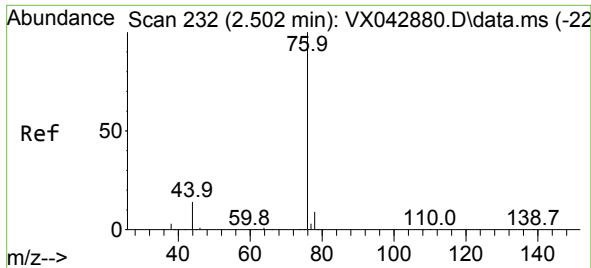
Tgt Ion: 53 Resp: 435045  
Ion Ratio Lower Upper  
53 100  
52 83.5 66.0 99.0  
51 35.5 29.8 44.6



#16  
Acetone  
Concen: 236.445 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Tgt Ion: 43 Resp: 358706  
Ion Ratio Lower Upper  
43 100  
58 30.6 21.9 32.9





#17

Carbon Disulfide

Concen: 48.357 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

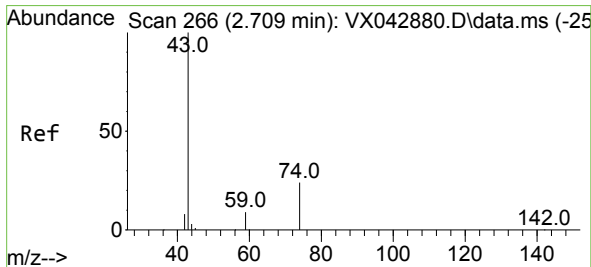
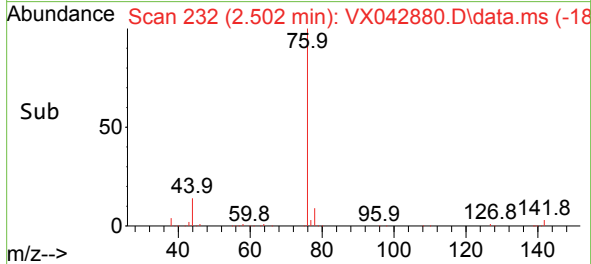
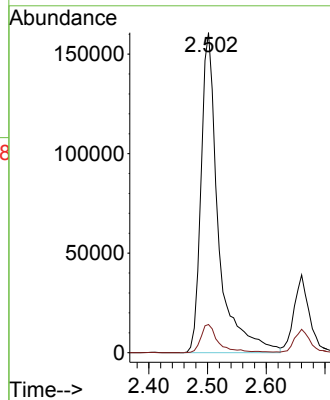
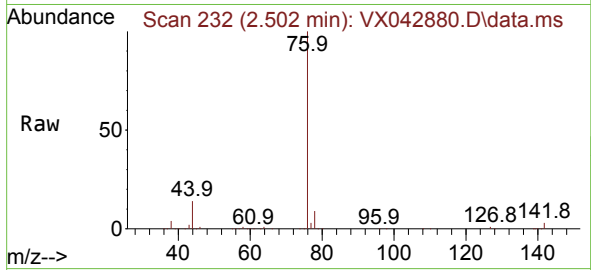
ClientSampleId :

Tgt Ion: 76 Resp: 330466

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 46.677 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX042880.D

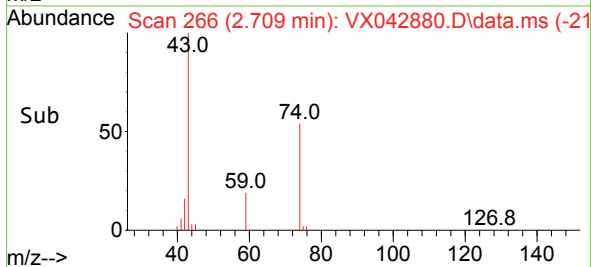
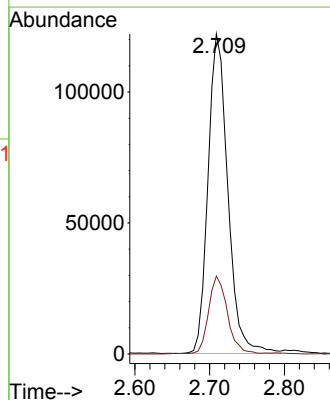
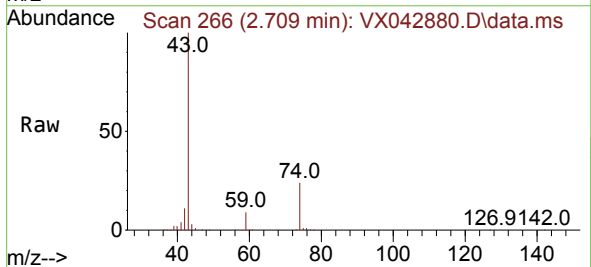
Acq: 06 Aug 2024 19:28

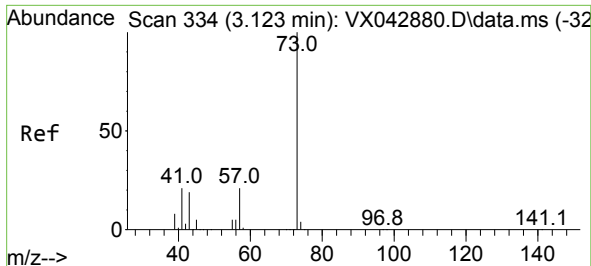
Tgt Ion: 43 Resp: 224558

Ion Ratio Lower Upper

43 100

74 22.7 17.8 26.8

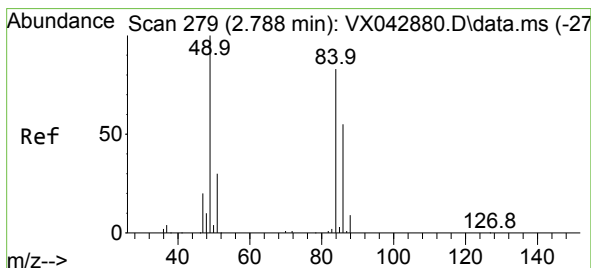
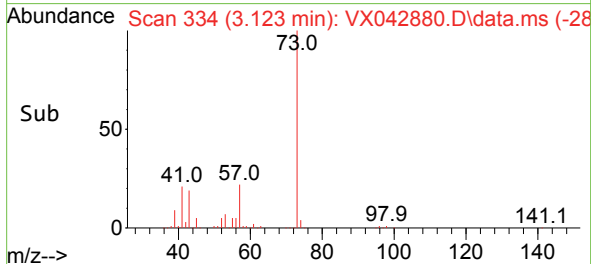
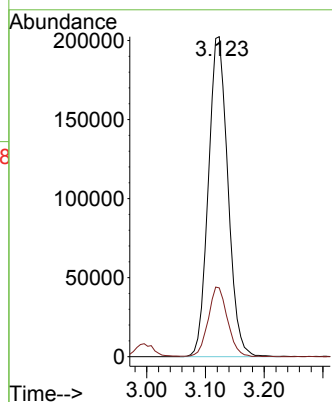
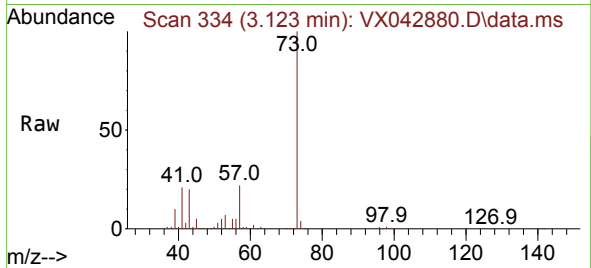




#19  
Methyl tert-butyl Ether  
Concen: 49.444 ug/l  
RT: 3.123 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

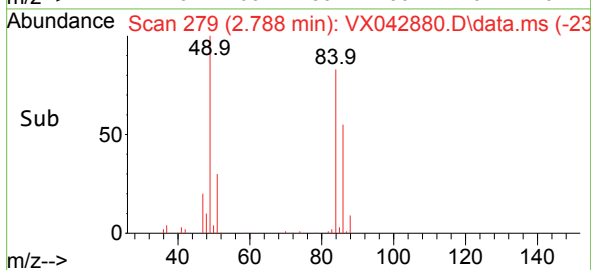
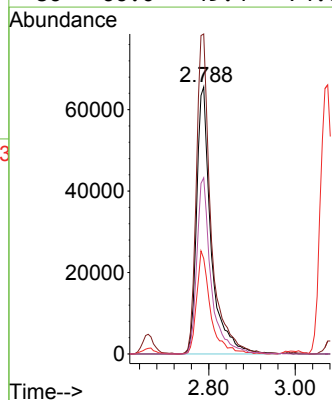
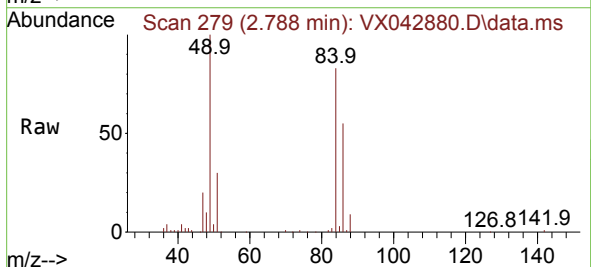
Instrument :  
MSVOA\_X  
ClientSampleId :

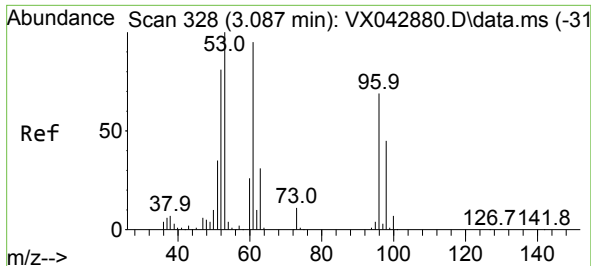
Tgt Ion: 73 Resp: 467350  
Ion Ratio Lower Upper  
73 100  
57 21.5 17.3 25.9



#20  
Methylene Chloride  
Concen: 48.325 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Tgt Ion: 84 Resp: 151800  
Ion Ratio Lower Upper  
84 100  
49 119.9 103.6 155.4  
51 35.7 33.8 50.6  
86 66.0 49.4 74.0

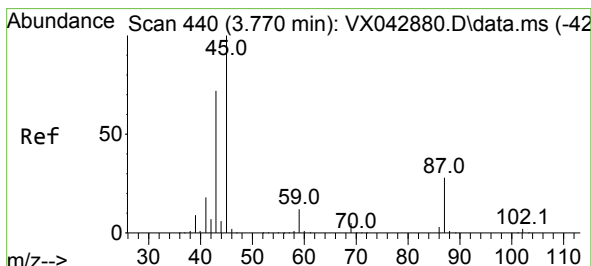
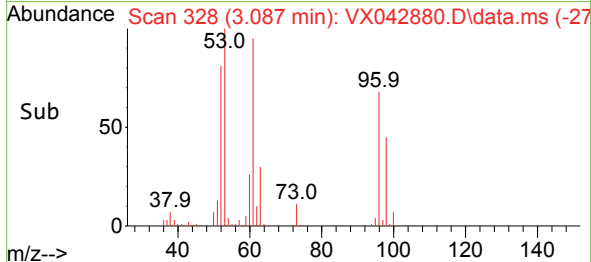
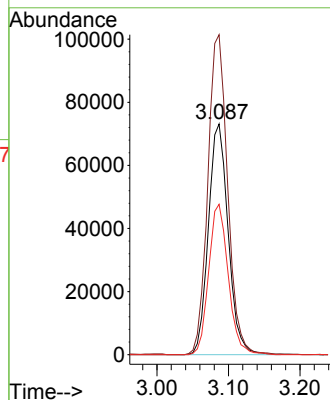
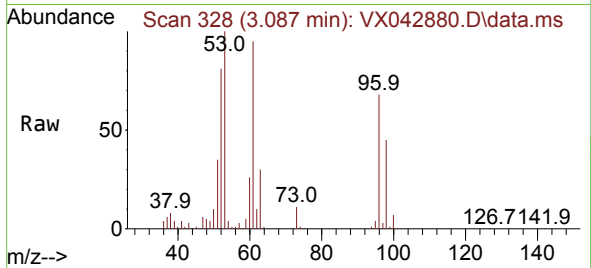




#21  
trans-1,2-Dichloroethene  
Concen: 49.796 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

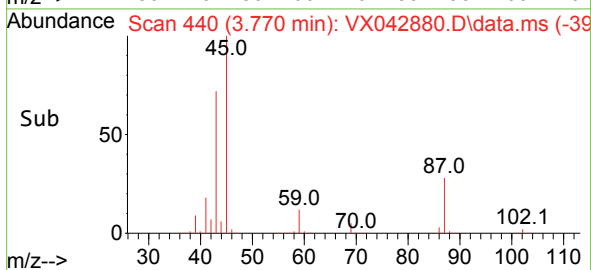
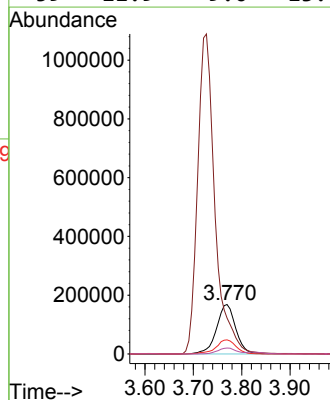
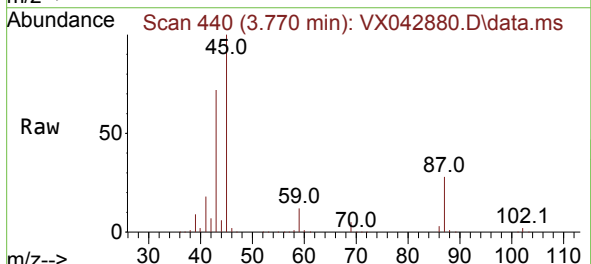
Instrument :  
MSVOA\_X  
ClientSampleId :

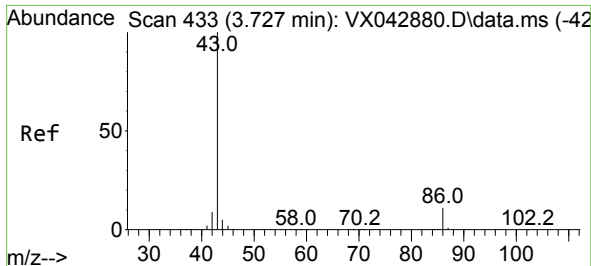
Tgt Ion: 96 Resp: 140692  
Ion Ratio Lower Upper  
96 100  
61 138.7 119.2 178.8  
98 65.2 48.7 73.1



#22  
Diisopropyl ether  
Concen: 49.767 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Tgt Ion: 45 Resp: 463923  
Ion Ratio Lower Upper  
45 100  
43 72.3 69.7 104.5  
87 28.5 20.8 31.2  
59 11.9 9.0 13.4





#23

Vinyl Acetate

Concen: 256.573 ug/l

RT: 3.727 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

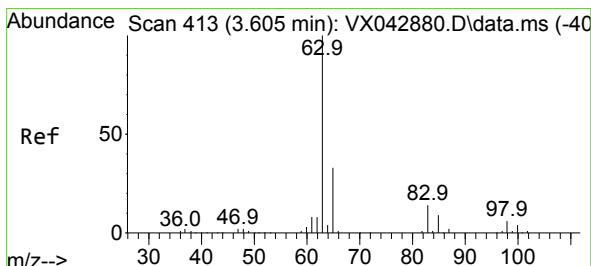
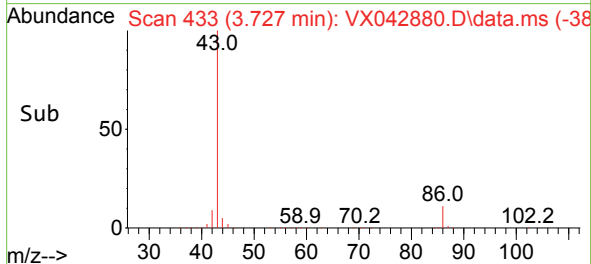
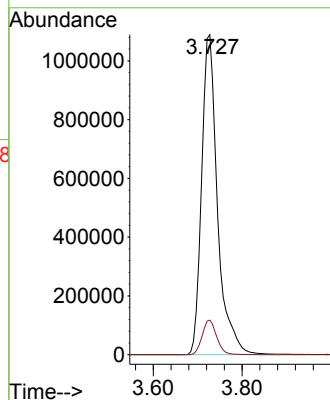
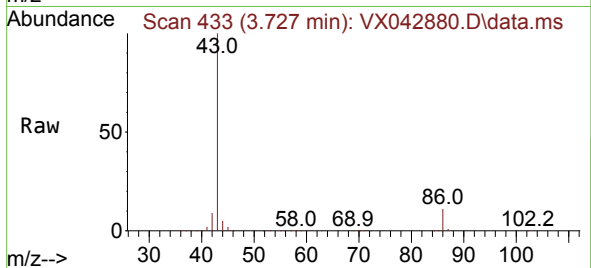
ClientSampleId :

Tgt Ion: 43 Resp: 2714509

Ion Ratio Lower Upper

43 100

86 10.8 7.8 11.8



#24

1,1-Dichloroethane

Concen: 49.535 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

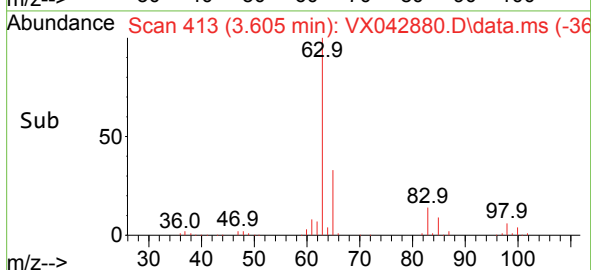
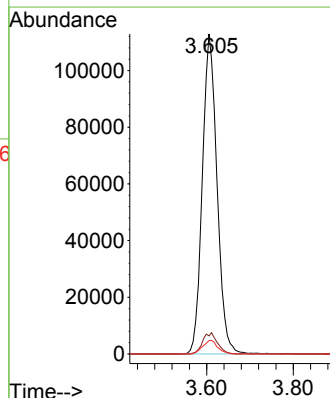
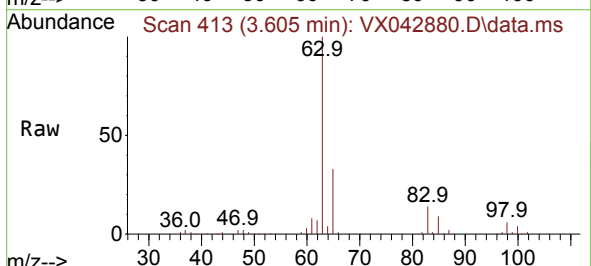
Tgt Ion: 63 Resp: 265569

Ion Ratio Lower Upper

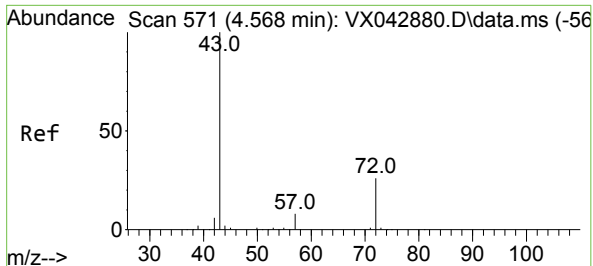
63 100

98 5.7 3.3 9.8

100 4.1 2.1 6.5



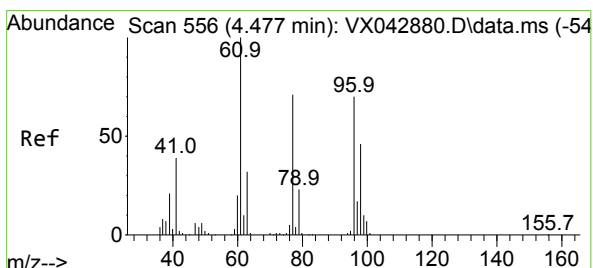
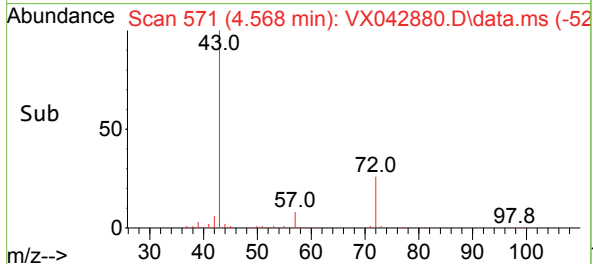
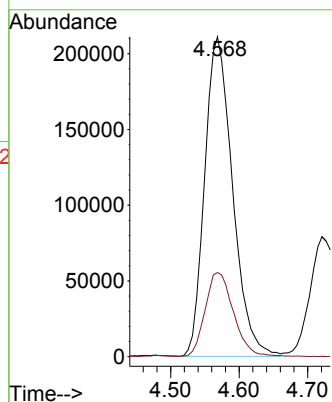
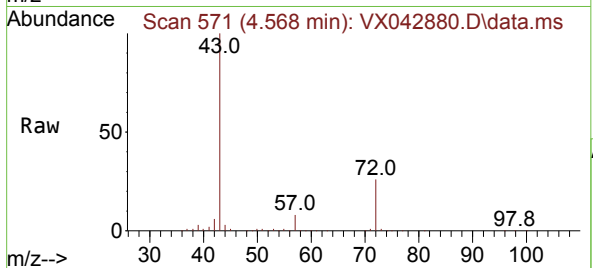




#25  
2-Butanone  
Concen: 250.510 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

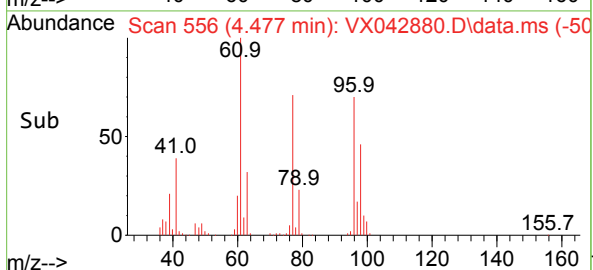
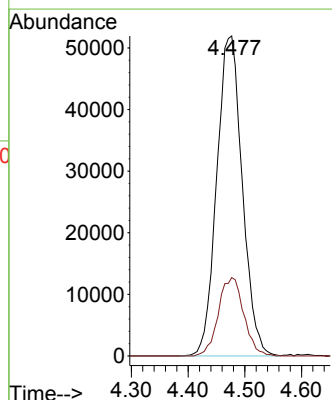
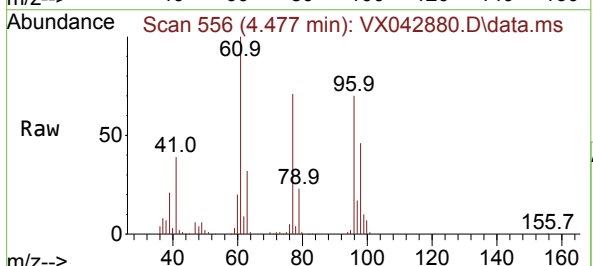
Instrument :  
MSVOA\_X  
ClientSampleId :

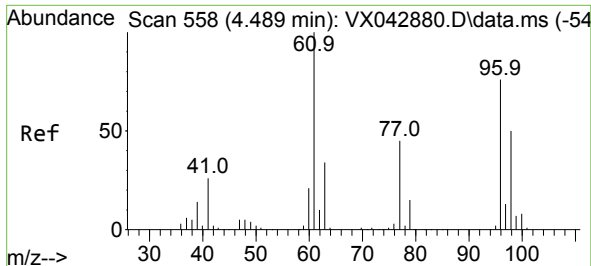
Tgt Ion: 43 Resp: 596832  
Ion Ratio Lower Upper  
43 100  
72 26.3 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 49.294 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Tgt Ion: 77 Resp: 162468  
Ion Ratio Lower Upper  
77 100  
97 24.3 10.8 32.3

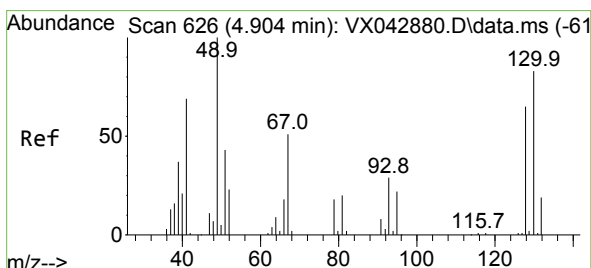
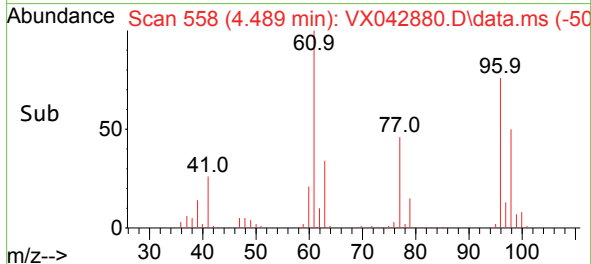
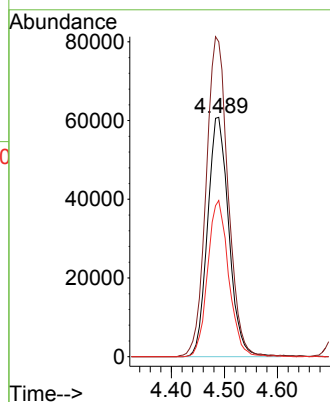
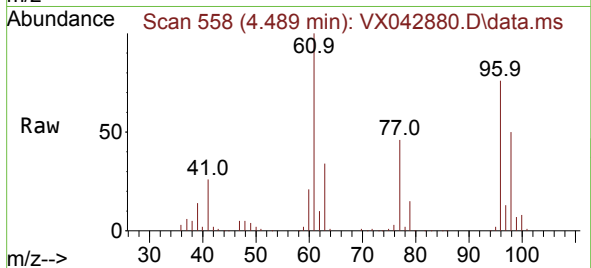




#27  
 cis-1,2-Dichloroethene  
 Concen: 50.400 ug/l  
 RT: 4.489 min Scan# 511  
 Delta R.T. 0.000 min  
 Lab File: VX042880.D  
 Acq: 06 Aug 2024 19:28

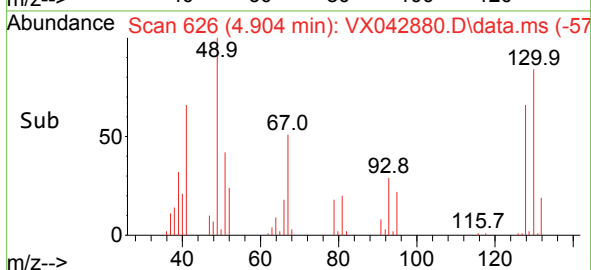
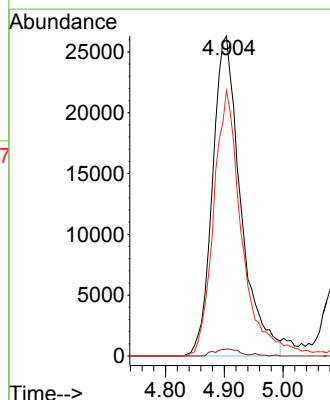
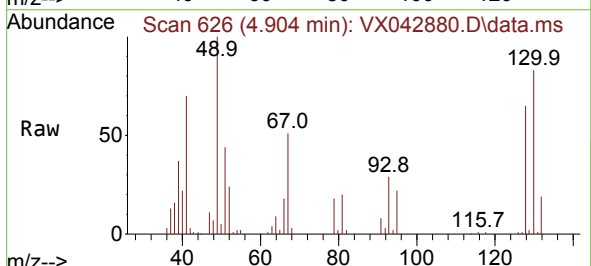
Instrument :  
 MSVOA\_X  
 ClientSampleId :

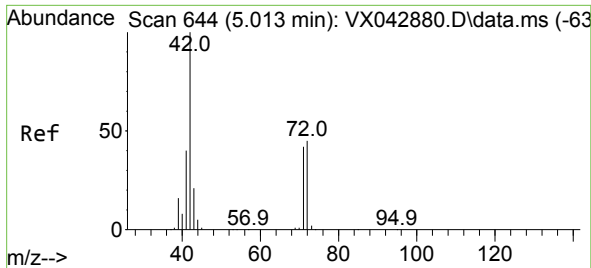
Tgt Ion: 96 Resp: 168872  
 Ion Ratio Lower Upper  
 96 100  
 61 138.2 0.0 312.2  
 98 64.8 0.0 129.0



#28  
 Bromochloromethane  
 Concen: 42.655 ug/l  
 RT: 4.904 min Scan# 626  
 Delta R.T. 0.000 min  
 Lab File: VX042880.D  
 Acq: 06 Aug 2024 19:28

Tgt Ion: 49 Resp: 87749  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 3.8  
 130 83.0 57.5 86.3

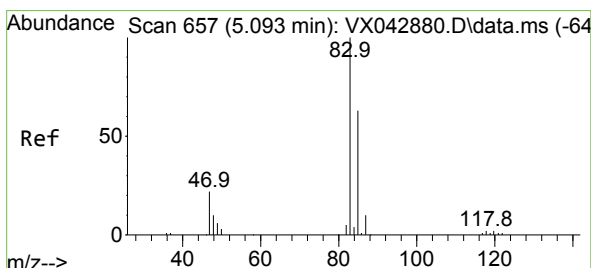
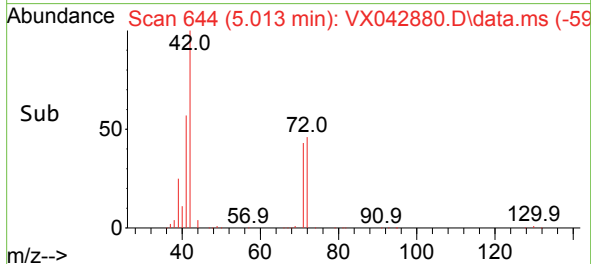
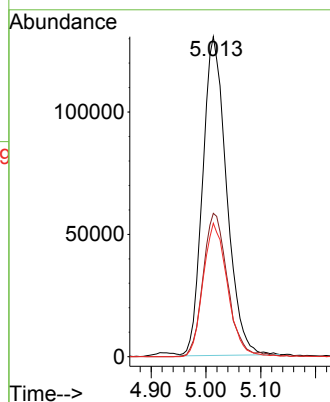
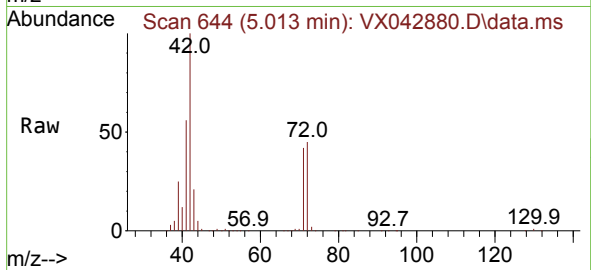




#29  
Tetrahydrofuran  
Concen: 245.196 ug/l  
RT: 5.013 min Scan# 644  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

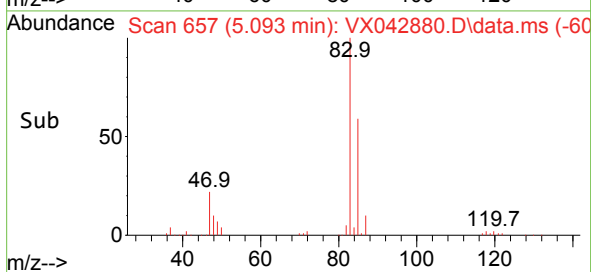
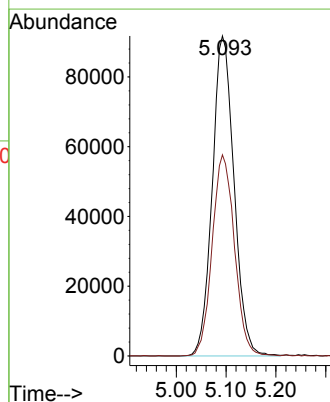
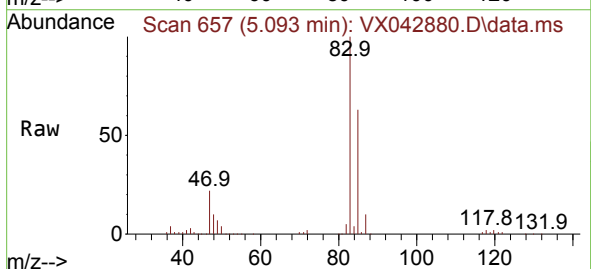
Instrument :  
MSVOA\_X  
ClientSampleId :

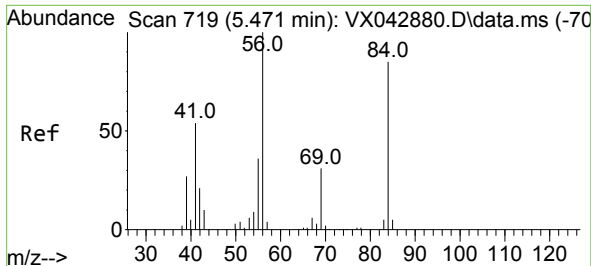
Tgt Ion: 42 Resp: 394746  
Ion Ratio Lower Upper  
42 100  
72 46.5 34.2 51.4  
71 42.7 32.2 48.2



#30  
Chloroform  
Concen: 49.536 ug/l  
RT: 5.093 min Scan# 657  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

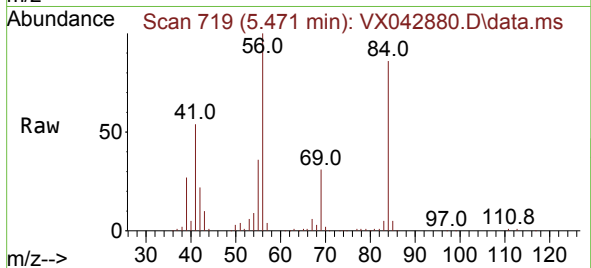
Tgt Ion: 83 Resp: 278019  
Ion Ratio Lower Upper  
83 100  
85 62.8 50.3 75.5



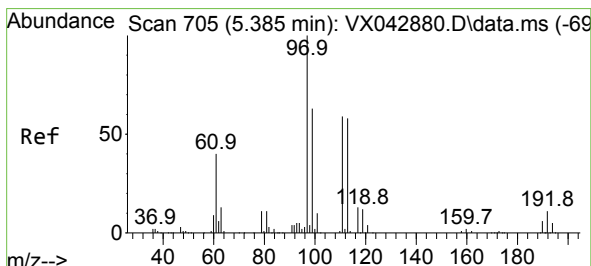
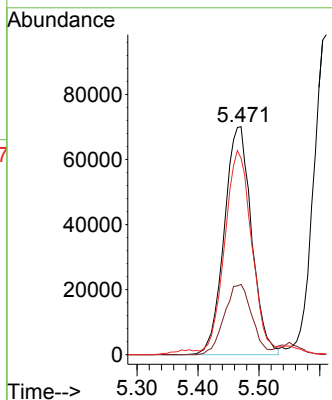
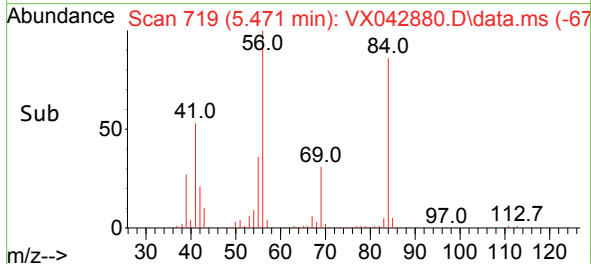


#31  
Cyclohexane  
Concen: 49.934 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Instrument :  
MSVOA\_X  
ClientSampleId :

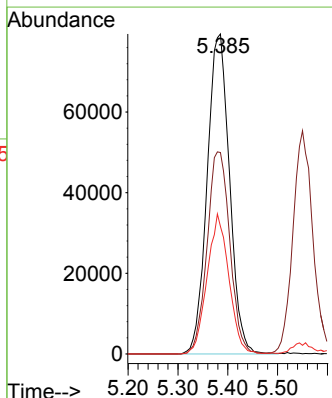
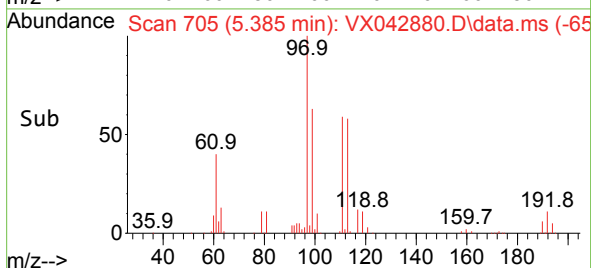
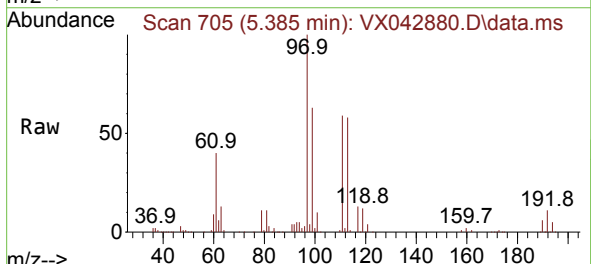


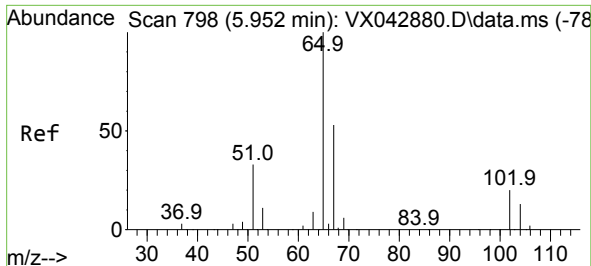
Tgt Ion: 56 Resp: 218533  
Ion Ratio Lower Upper  
56 100  
69 30.8 23.4 35.2  
84 84.8 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 50.081 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Tgt Ion: 97 Resp: 247442  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.1 76.7  
61 42.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.582 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

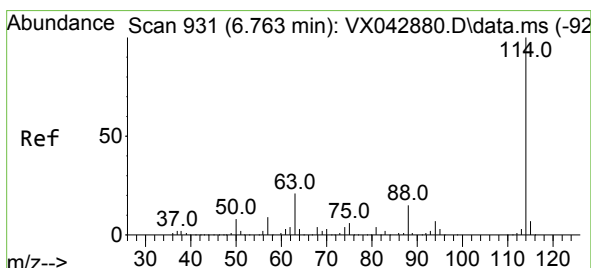
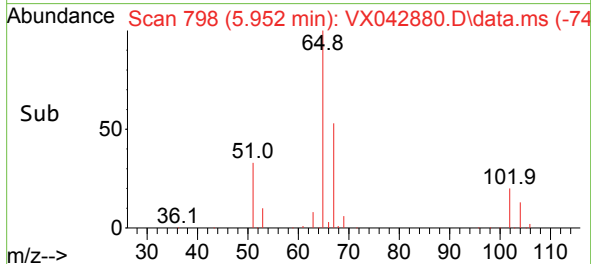
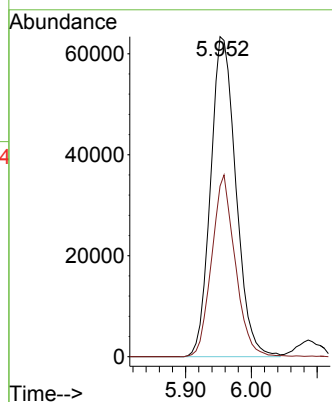
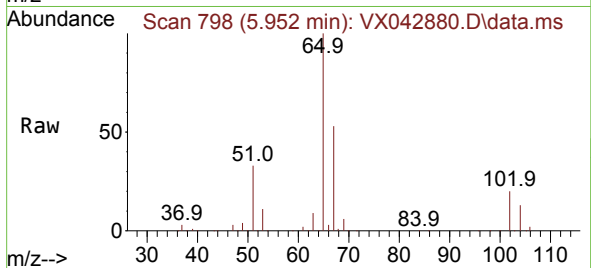
ClientSampleId :

Tgt Ion: 65 Resp: 169926

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

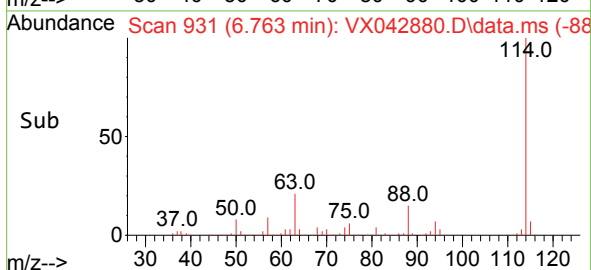
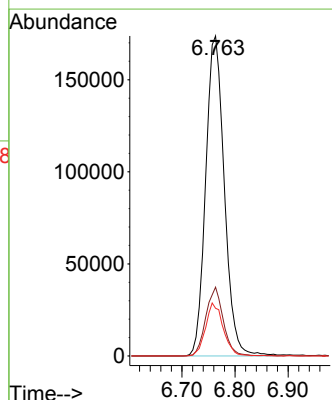
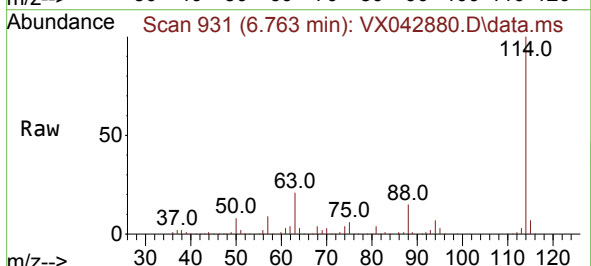
Tgt Ion: 114 Resp: 424451

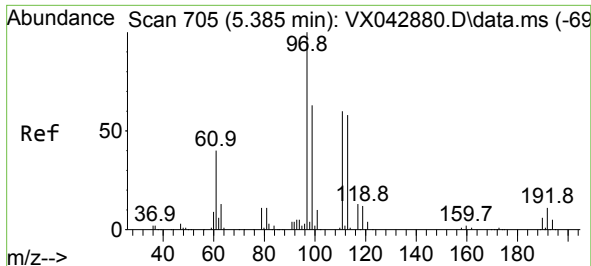
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 14.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.374 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

ClientSampleId :

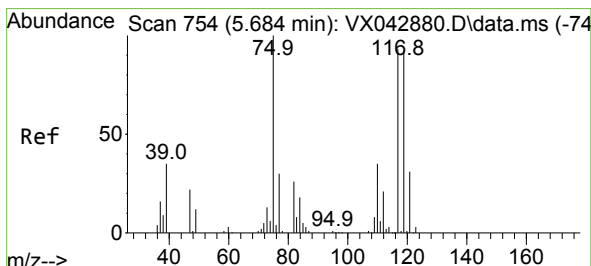
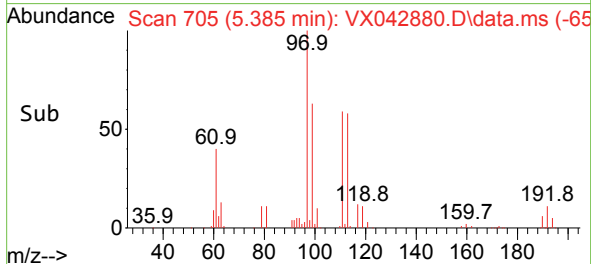
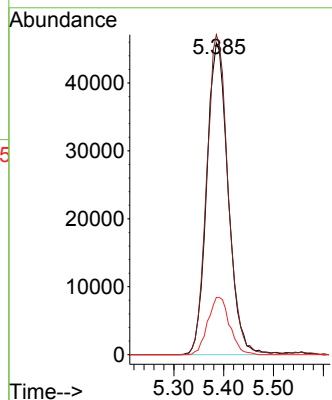
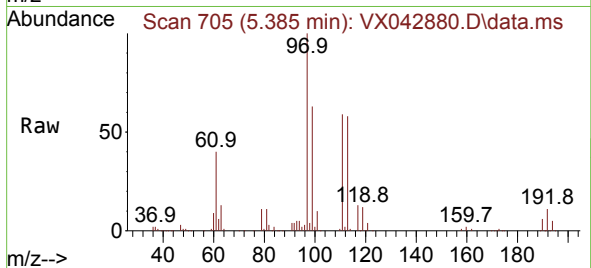
Tgt Ion:113 Resp: 137025

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

192 18.7 13.3 19.9



#36

1,1-Dichloropropene

Concen: 48.359 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

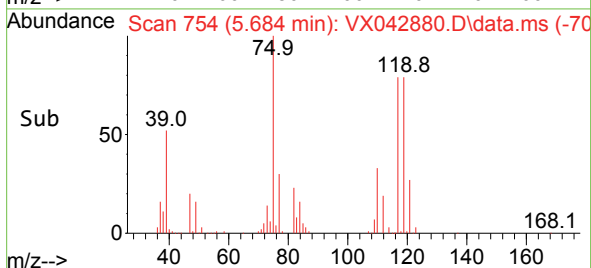
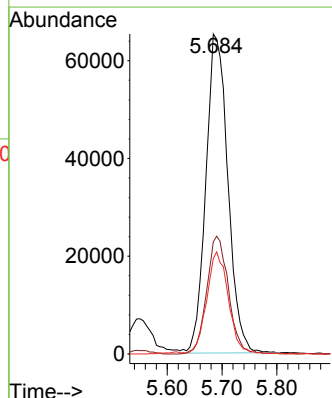
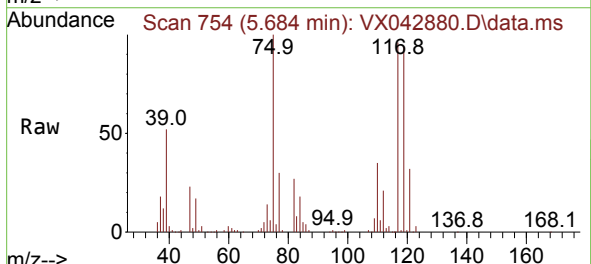
Tgt Ion: 75 Resp: 181962

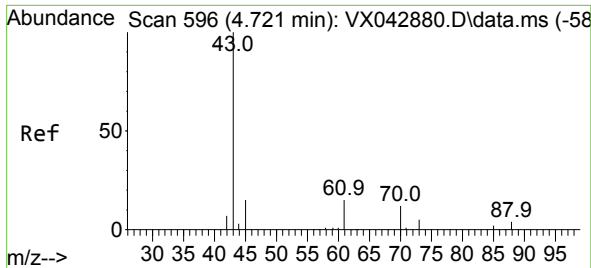
Ion Ratio Lower Upper

75 100

110 36.5 17.0 50.9

77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 49.366 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

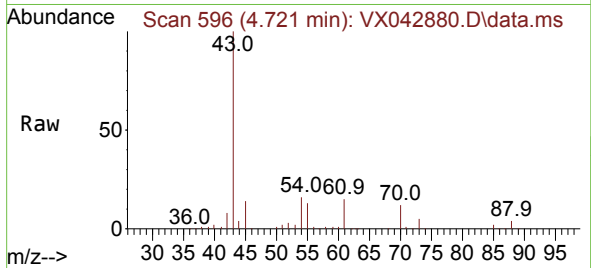
Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

ClientSampleId :



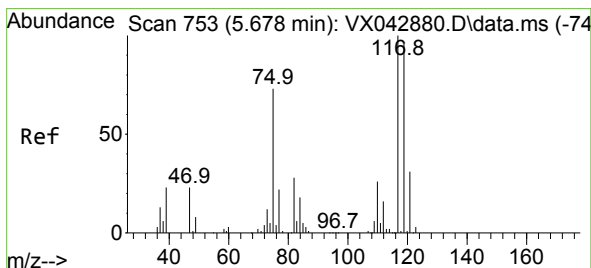
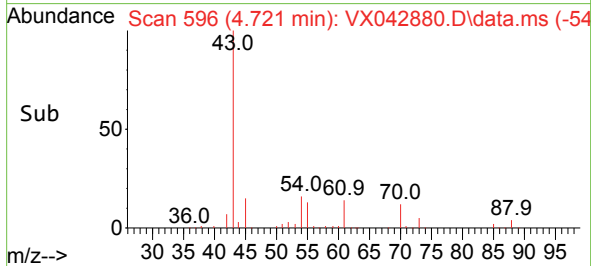
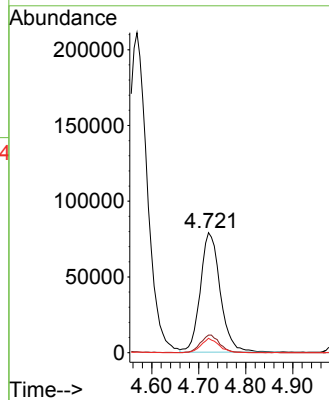
Tgt Ion: 43 Resp: 232409

Ion Ratio Lower Upper

43 100

61 14.4 10.6 16.0

70 10.8 8.3 12.5



#38

Carbon Tetrachloride

Concen: 49.179 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

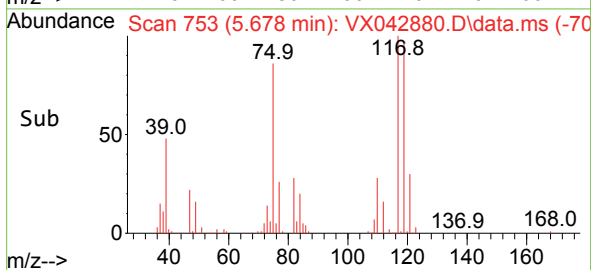
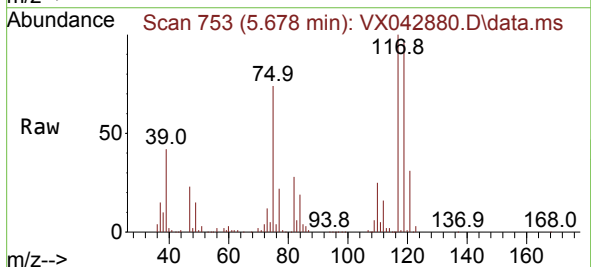
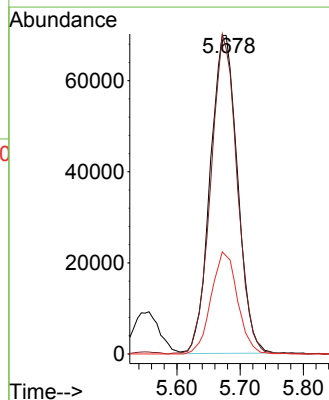
Tgt Ion: 117 Resp: 208889

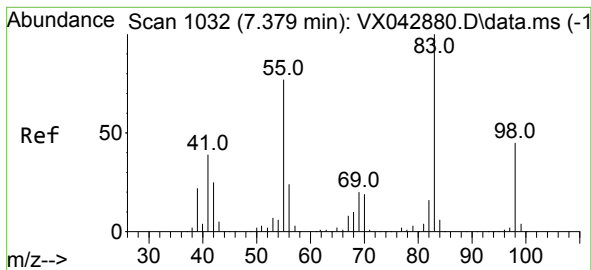
Ion Ratio Lower Upper

117 100

119 95.9 78.2 117.2

121 30.9 24.4 36.6





#39

Methylcyclohexane

Concen: 52.093 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

ClientSampleId :

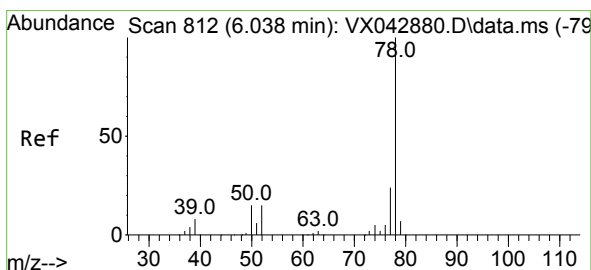
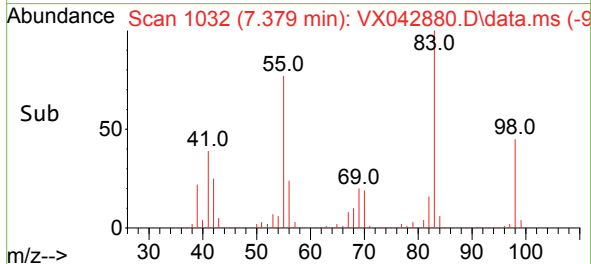
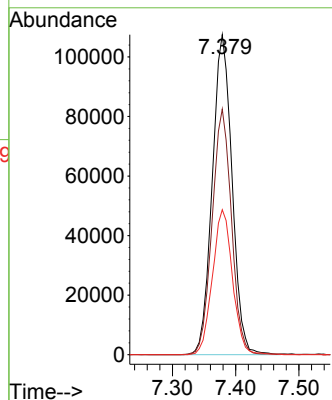
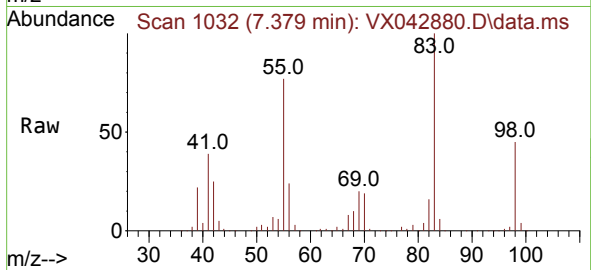
Tgt Ion: 83 Resp: 233010

Ion Ratio Lower Upper

83 100

55 76.8 64.6 97.0

98 45.3 36.7 55.1



#40

Benzene

Concen: 50.299 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX042880.D

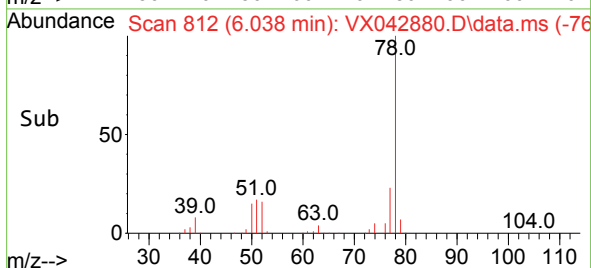
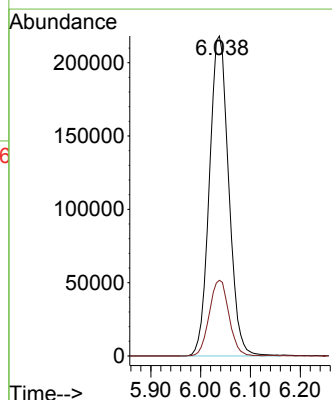
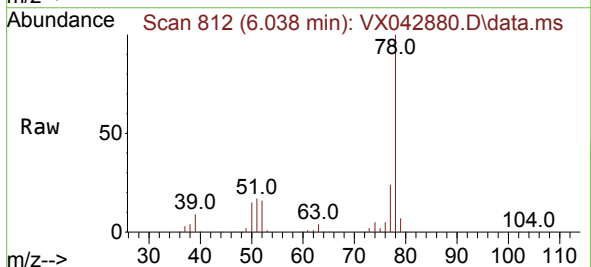
Acq: 06 Aug 2024 19:28

Tgt Ion: 78 Resp: 587380

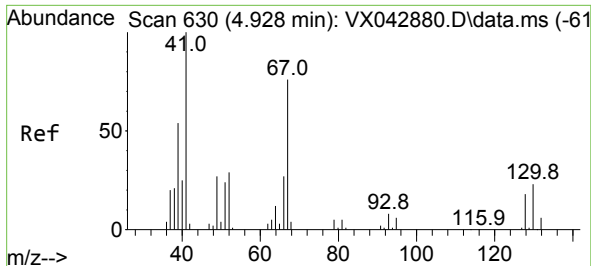
Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9





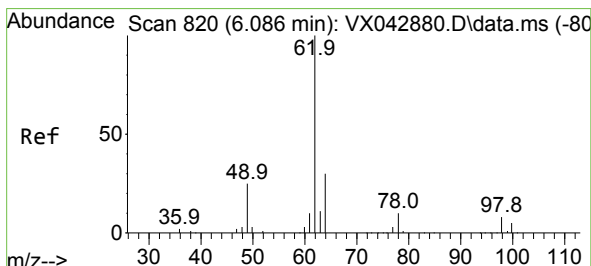
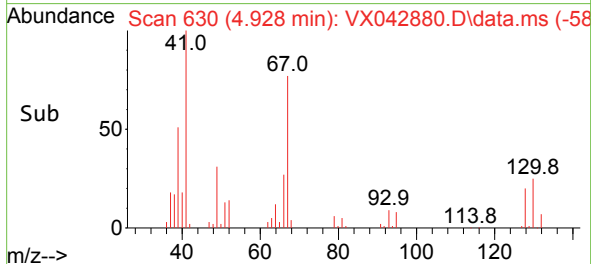
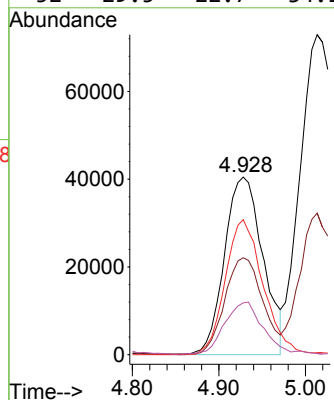
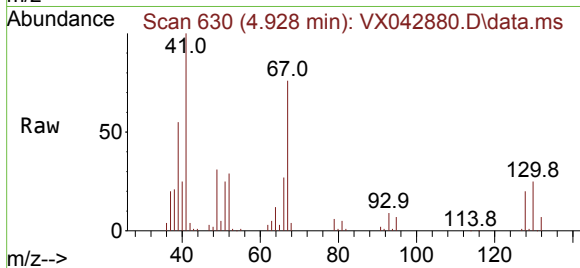


#41  
Methacrylonitrile  
Concen: 51.567 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 41 Resp: 125039

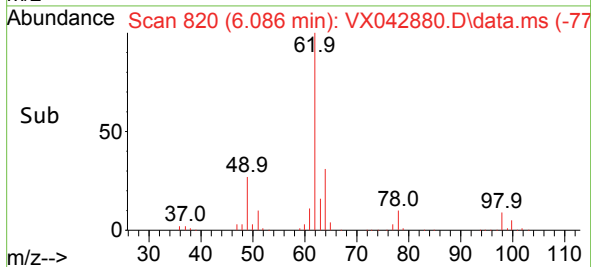
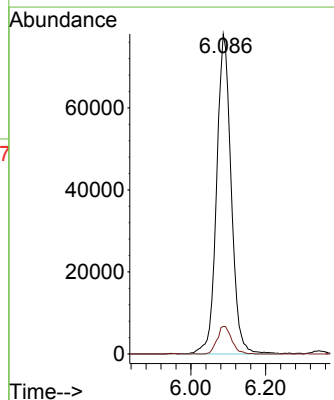
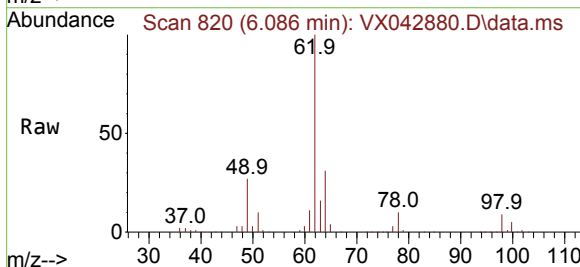
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 53.7  | 45.2  | 67.8  |
| 67  | 75.1  | 52.6  | 78.8  |
| 52  | 29.5  | 22.7  | 34.1  |

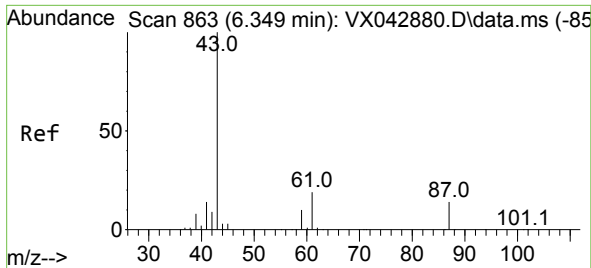


#42  
1,2-Dichloroethane  
Concen: 49.693 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Tgt Ion: 62 Resp: 211079

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.6   | 0.0   | 16.0  |





#43

Isopropyl Acetate

Concen: 50.750 ug/l

RT: 6.349 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

ClientSampleId :

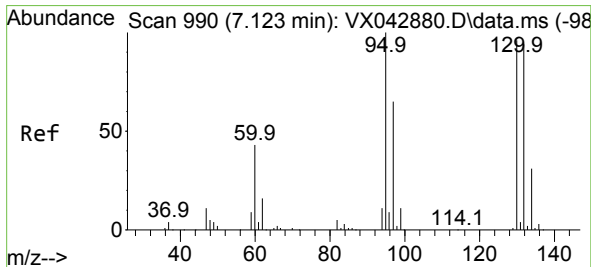
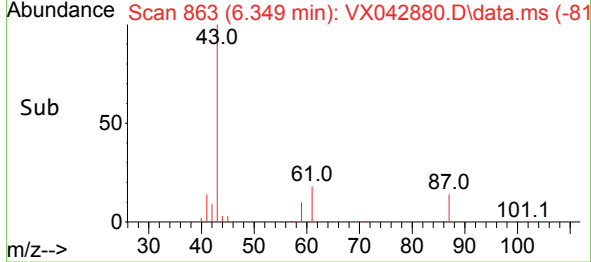
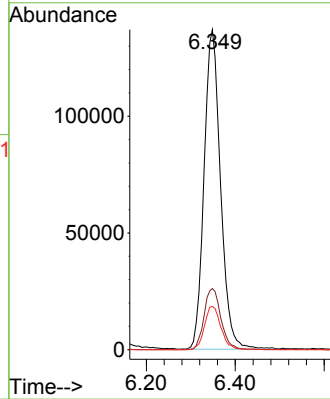
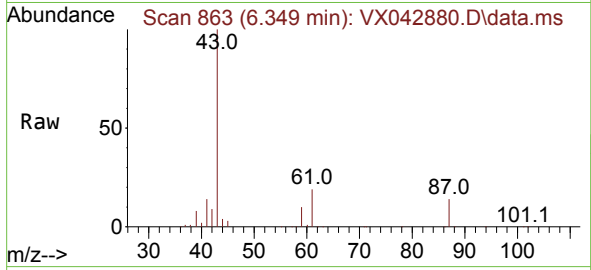
Tgt Ion: 43 Resp: 353348

Ion Ratio Lower Upper

43 100

61 19.7 15.2 22.8

87 13.6 9.8 14.6



#44

Trichloroethene

Concen: 48.953 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX042880.D

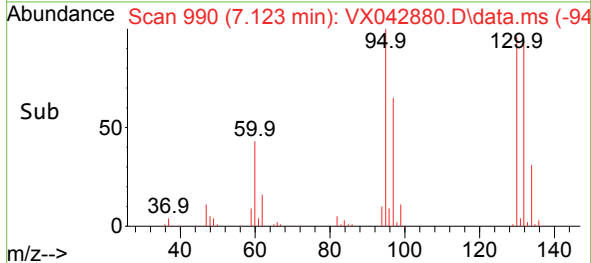
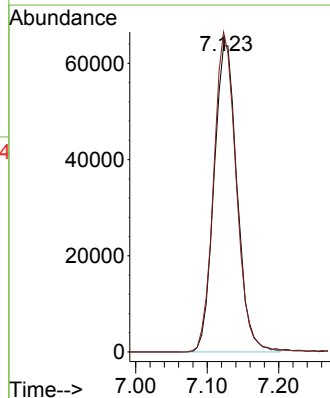
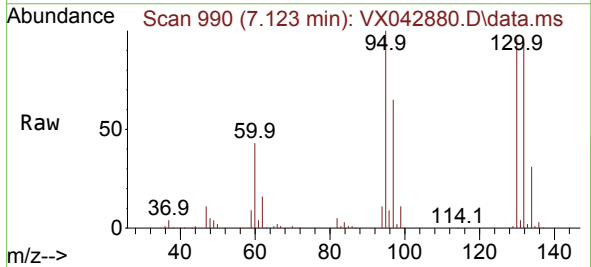
Acq: 06 Aug 2024 19:28

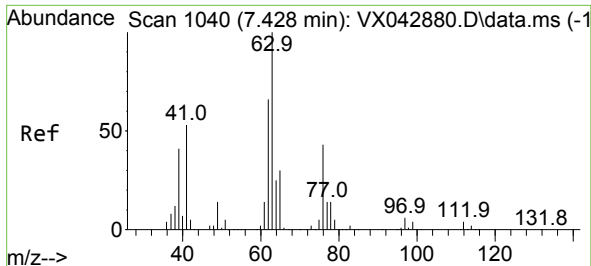
Tgt Ion:130 Resp: 143642

Ion Ratio Lower Upper

130 100

95 104.5 0.0 204.4

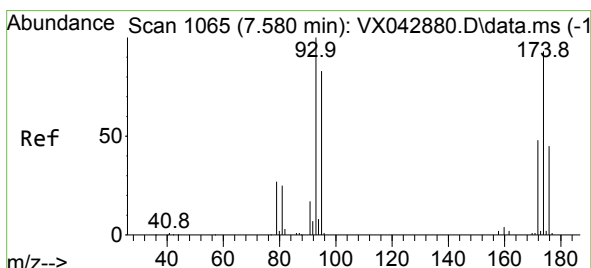
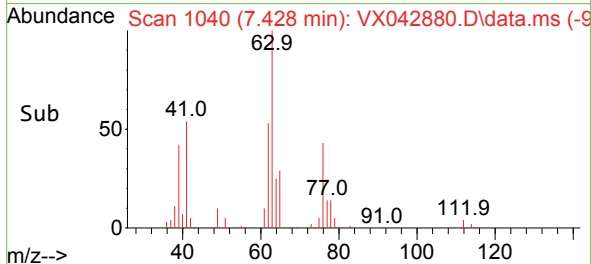
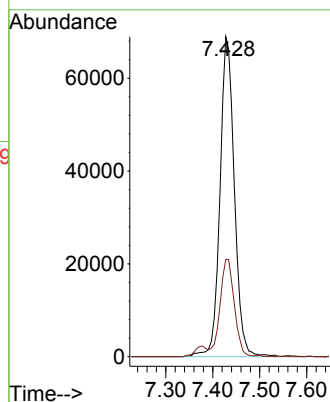
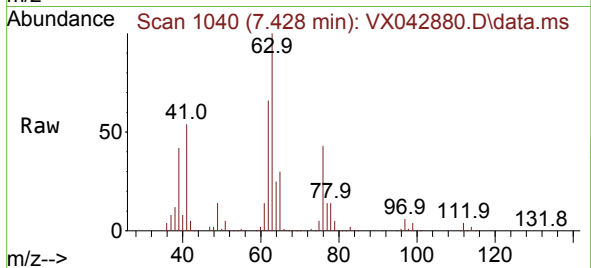




#45  
1,2-Dichloropropane  
Concen: 49.689 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

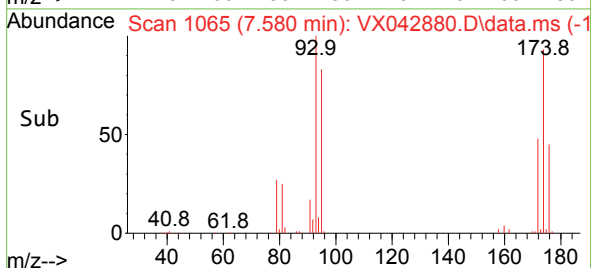
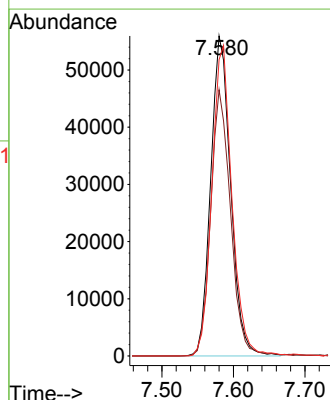
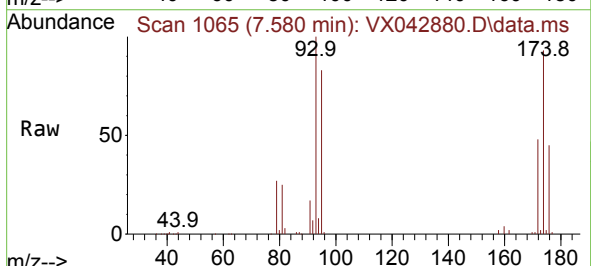
Instrument :  
MSVOA\_X  
ClientSampleId :

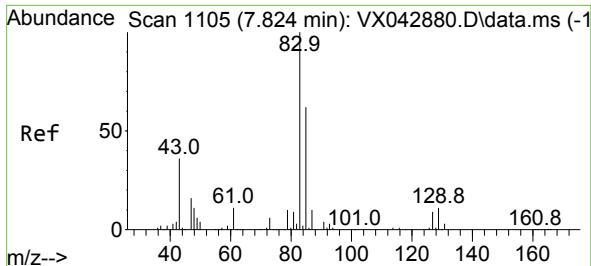
Tgt Ion: 63 Resp: 147196  
Ion Ratio Lower Upper  
63 100  
65 30.5 24.3 36.5



#46  
Dibromomethane  
Concen: 49.869 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Tgt Ion: 93 Resp: 108500  
Ion Ratio Lower Upper  
93 100  
95 82.9 66.6 100.0  
174 97.4 69.4 104.0

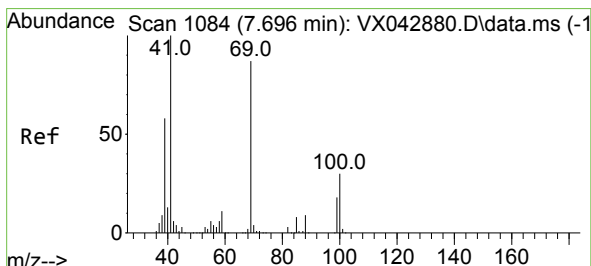
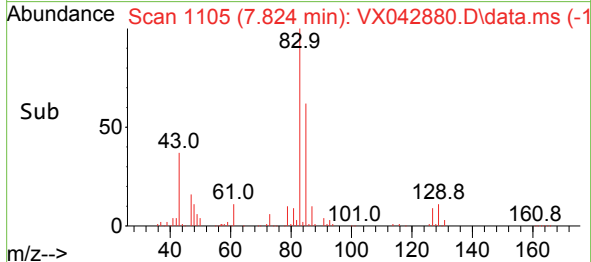
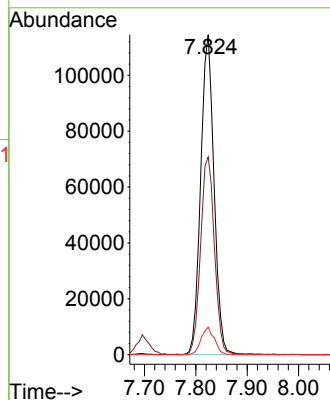
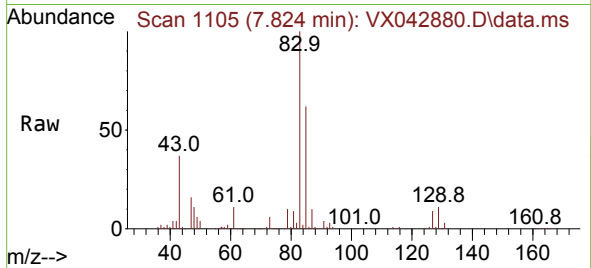




#47  
Bromodichloromethane  
Concen: 51.119 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

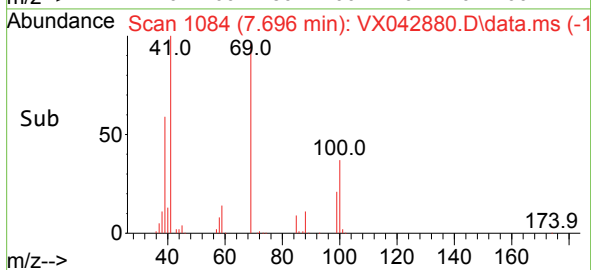
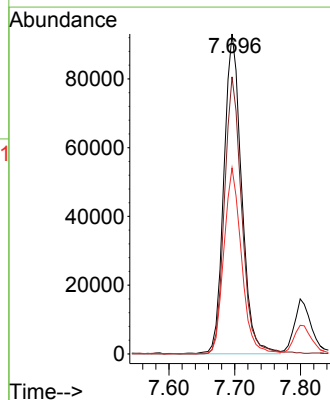
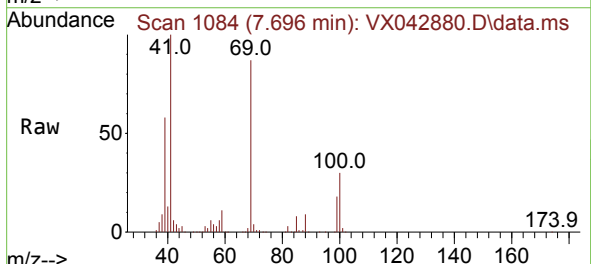
Instrument :  
MSVOA\_X  
ClientSampleId :

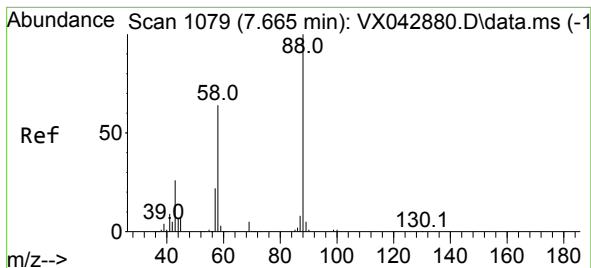
Tgt Ion: 83 Resp: 206609  
Ion Ratio Lower Upper  
83 100  
85 61.7 49.8 74.6  
127 8.6 7.1 10.7



#48  
Methyl methacrylate  
Concen: 52.270 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Tgt Ion: 41 Resp: 174505  
Ion Ratio Lower Upper  
41 100  
69 85.1 59.2 88.8  
39 57.5 47.7 71.5





#49

1,4-Dioxane

Concen: 988.943 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

ClientSampleId :

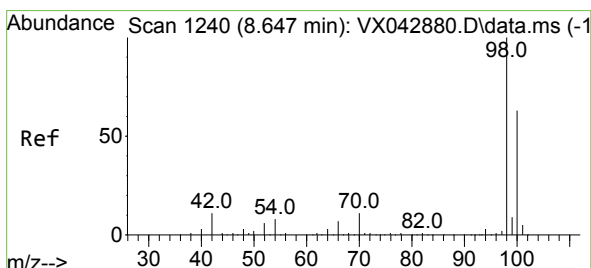
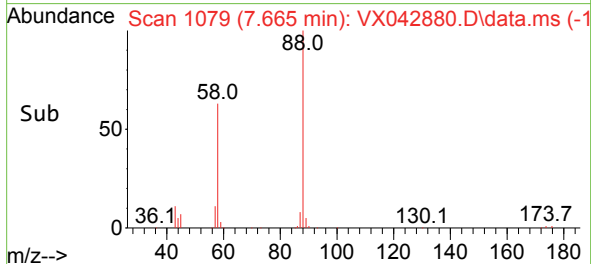
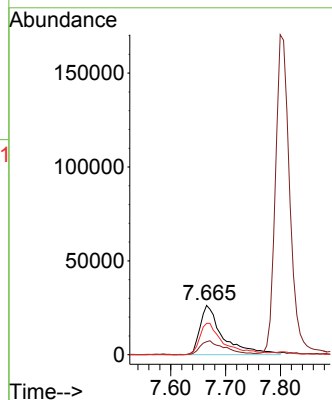
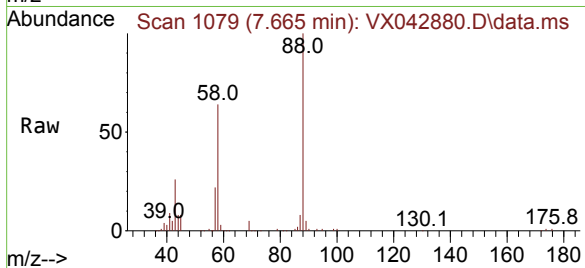
Tgt Ion: 88 Resp: 75953

Ion Ratio Lower Upper

88 100

43 29.8 0.0 0.0#

58 65.7 60.1 90.1



#50

Toluene-d8

Concen: 48.925 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX042880.D

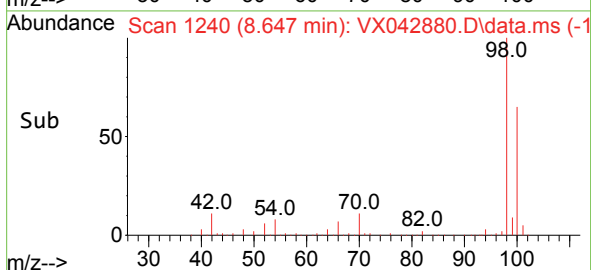
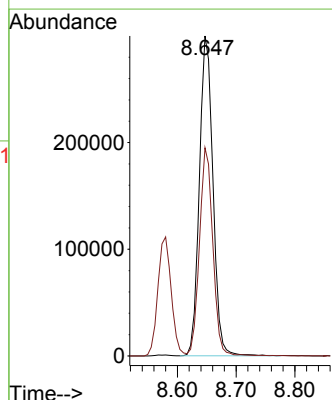
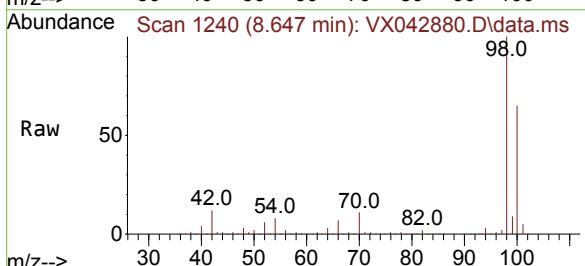
Acq: 06 Aug 2024 19:28

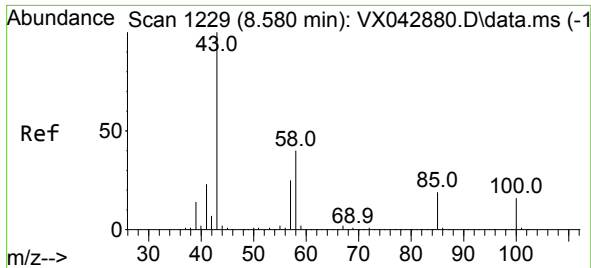
Tgt Ion: 98 Resp: 482026

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7

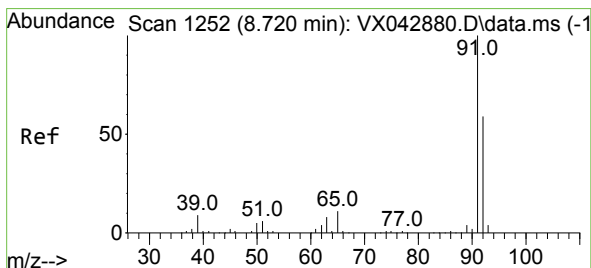
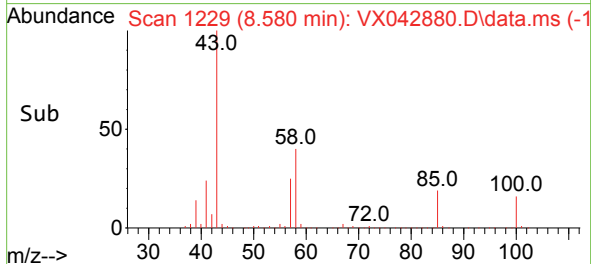
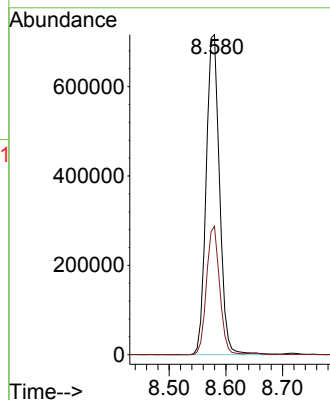
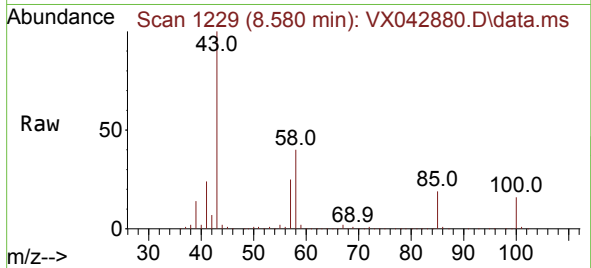




#51  
4-Methyl-2-Pentanone  
Concen: 251.920 ug/l  
RT: 8.580 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

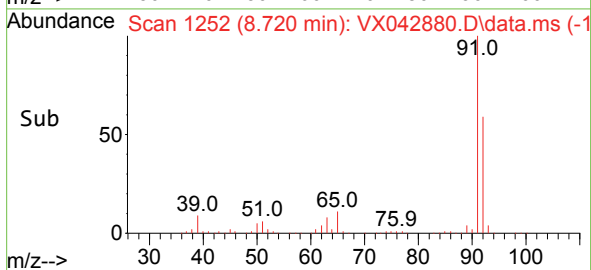
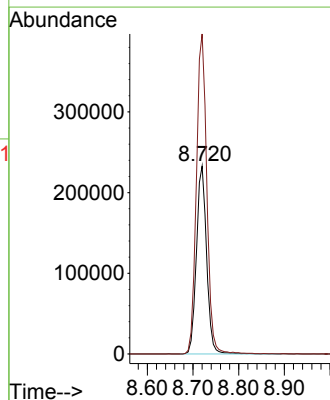
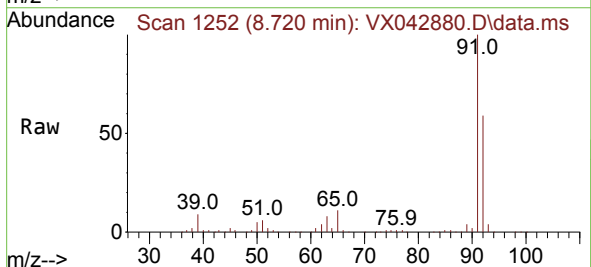
Instrument :  
MSVOA\_X  
ClientSampleId :

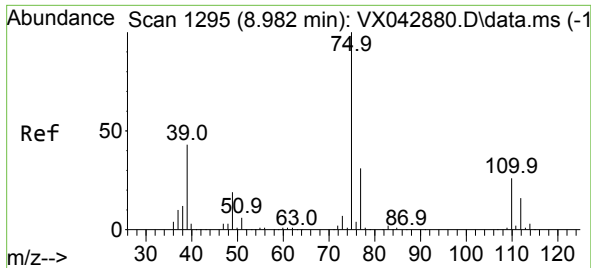
Tgt Ion: 43 Resp: 1174877  
Ion Ratio Lower Upper  
43 100  
58 39.3 30.4 45.6



#52  
Toluene  
Concen: 50.877 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Tgt Ion: 92 Resp: 360392  
Ion Ratio Lower Upper  
92 100  
91 174.0 134.2 201.2

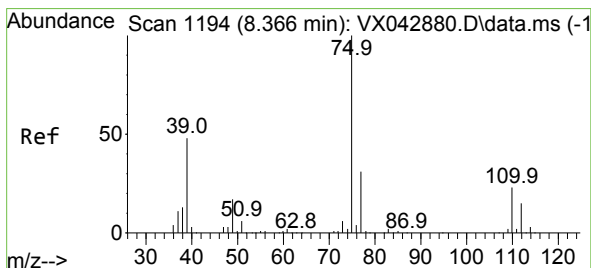
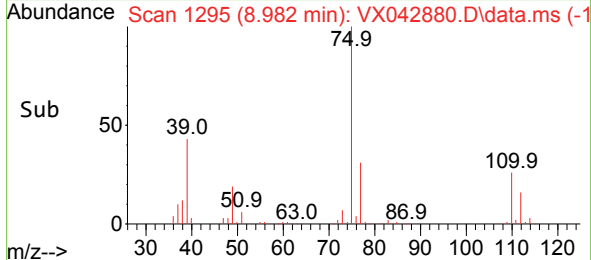
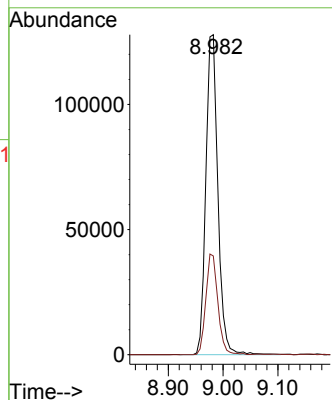
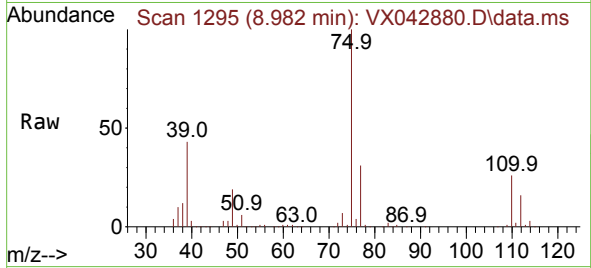




#53  
 t-1,3-Dichloropropene  
 Concen: 51.871 ug/l  
 RT: 8.982 min Scan# 1295  
 Delta R.T. 0.000 min  
 Lab File: VX042880.D  
 Acq: 06 Aug 2024 19:28

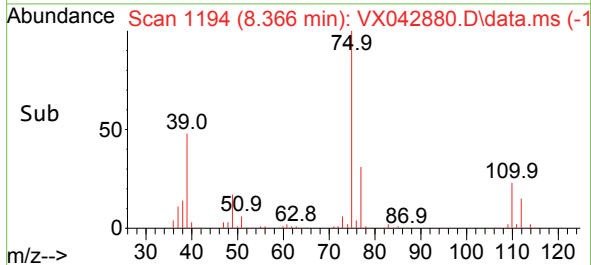
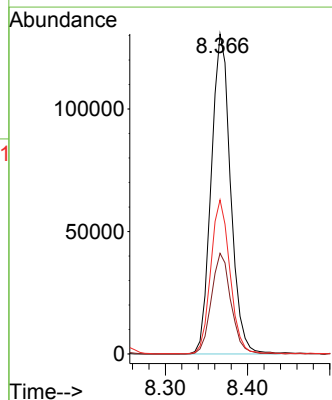
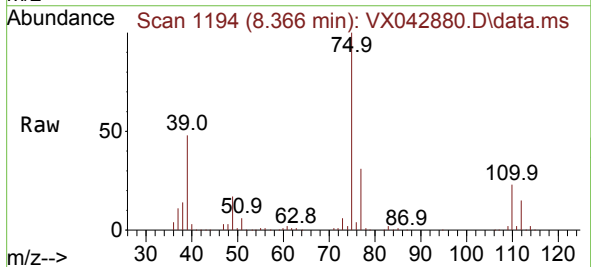
Instrument :  
 MSVOA\_X  
 ClientSampleId :

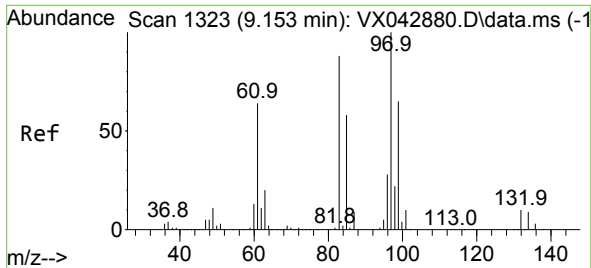
Tgt Ion: 75 Resp: 193799  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.742 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX042880.D  
 Acq: 06 Aug 2024 19:28

Tgt Ion: 75 Resp: 213498  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.3 37.9  
 39 48.0 46.7 70.1



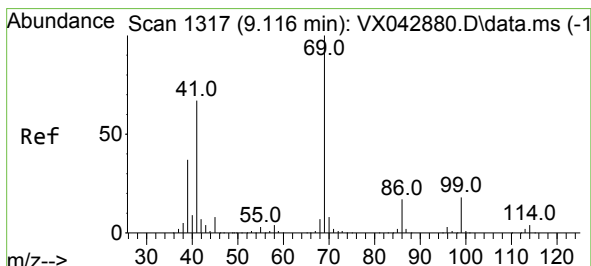
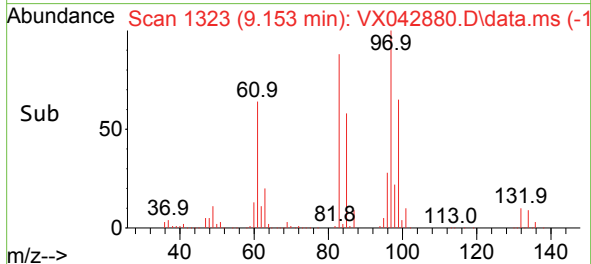
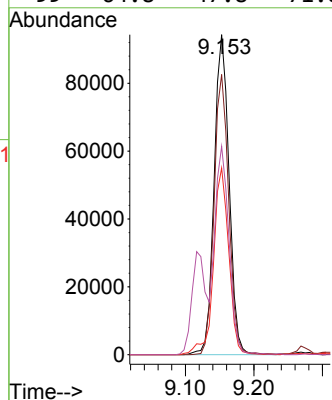
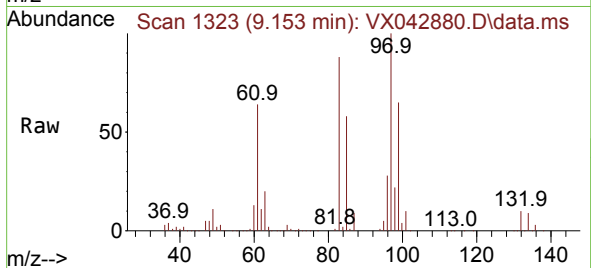


#55  
1,1,2-Trichloroethane  
Concen: 49.504 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 97 Resp: 142554

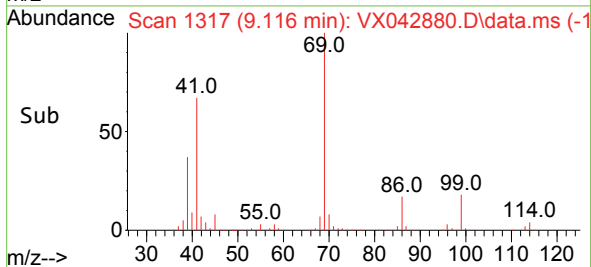
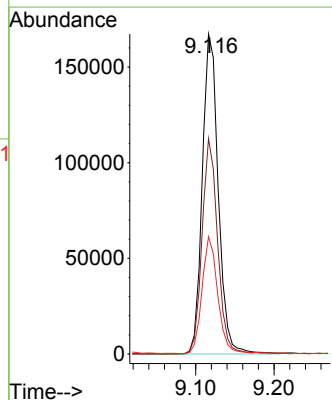
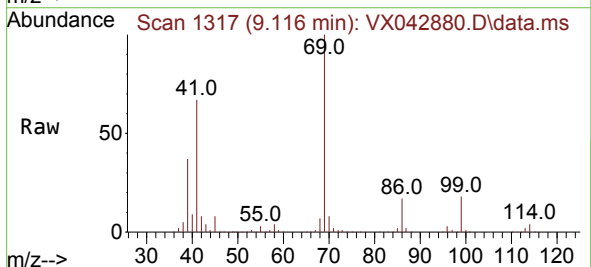
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.6  | 65.8  | 98.8  |
| 85  | 58.4  | 41.6  | 62.4  |
| 99  | 64.8  | 47.8  | 71.8  |



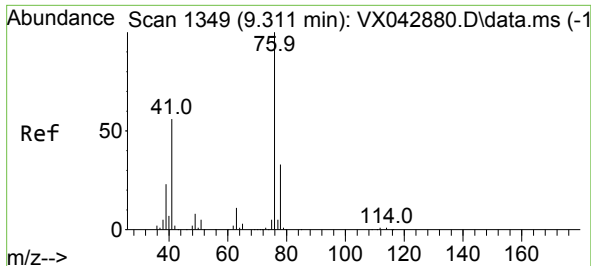
#56  
Ethyl methacrylate  
Concen: 51.135 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Tgt Ion: 69 Resp: 236953

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 65.7  | 56.8  | 85.2  |
| 39  | 36.4  | 32.0  | 48.0  |







#57

1,3-Dichloropropane

Concen: 49.869 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

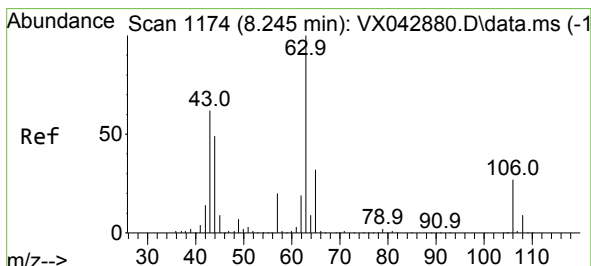
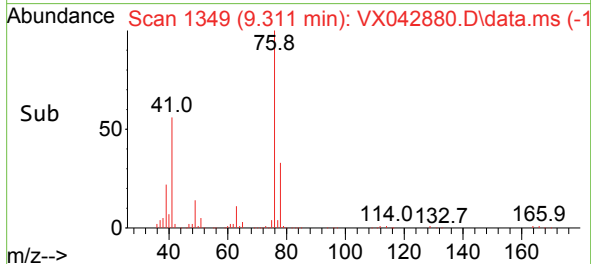
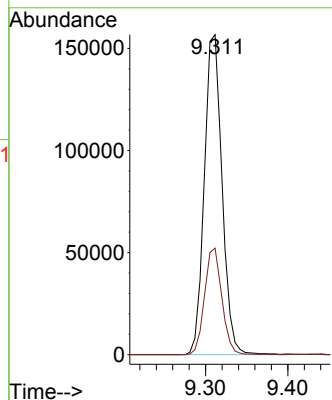
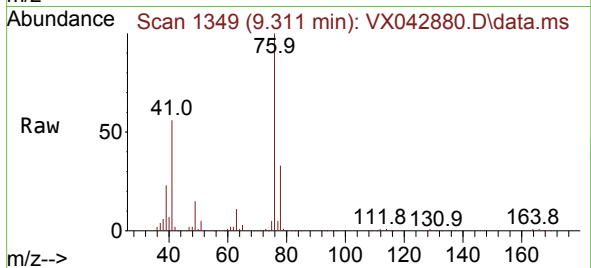
ClientSampleId :

Tgt Ion: 76 Resp: 235251

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 263.032 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX042880.D

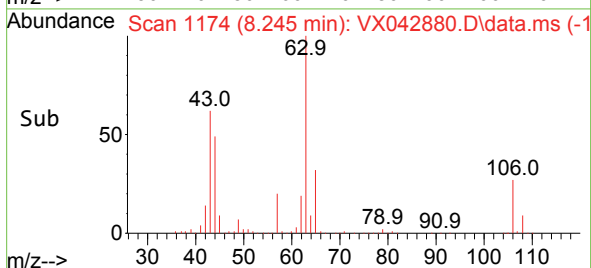
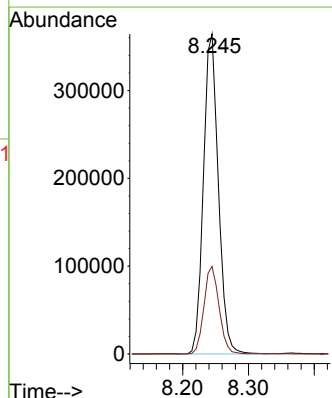
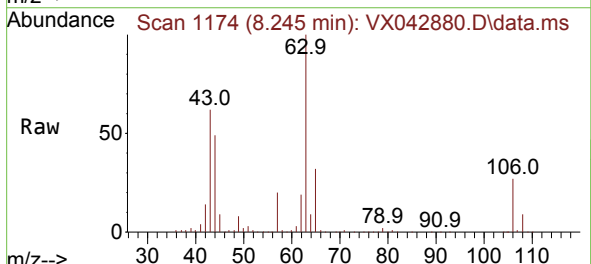
Acq: 06 Aug 2024 19:28

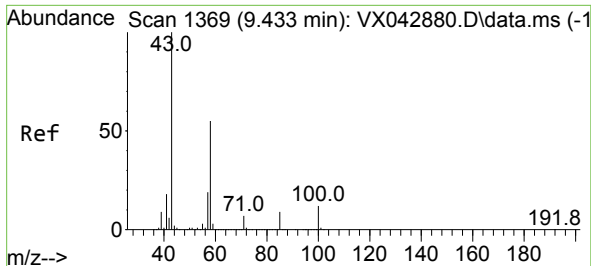
Tgt Ion: 63 Resp: 574465

Ion Ratio Lower Upper

63 100

106 27.8 22.5 33.7

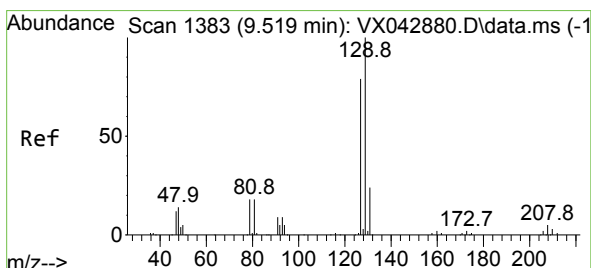
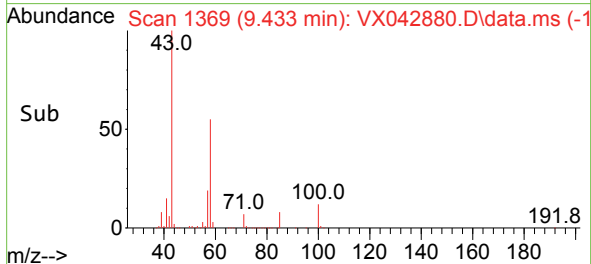
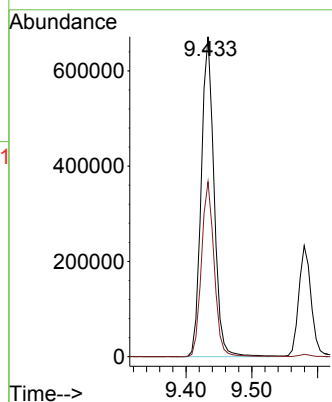
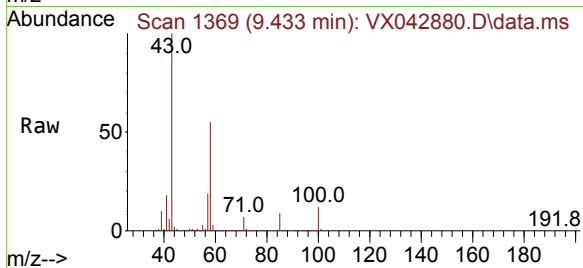




#59  
2-Hexanone  
Concen: 251.528 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

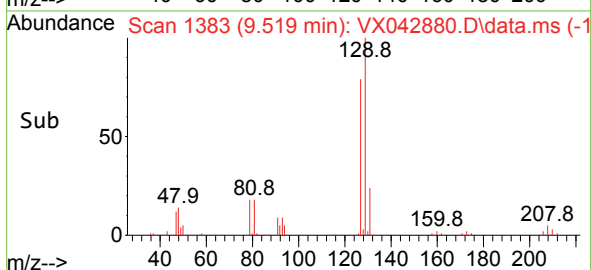
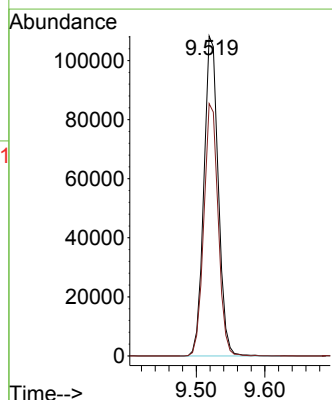
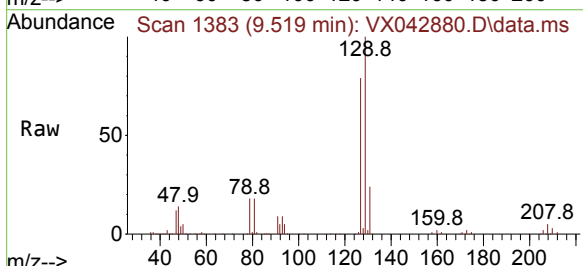
Instrument :  
MSVOA\_X  
ClientSampleId :

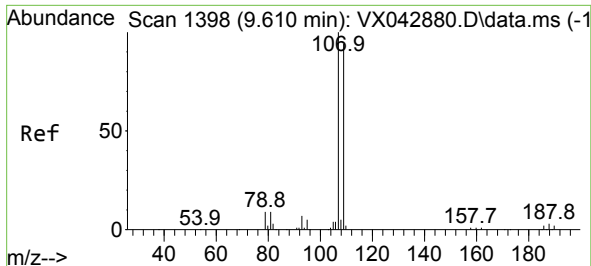
Tgt Ion: 43 Resp: 908960  
Ion Ratio Lower Upper  
43 100  
58 54.5 26.2 78.5



#60  
Dibromochloromethane  
Concen: 49.958 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Tgt Ion: 129 Resp: 158037  
Ion Ratio Lower Upper  
129 100  
127 78.6 38.8 116.4

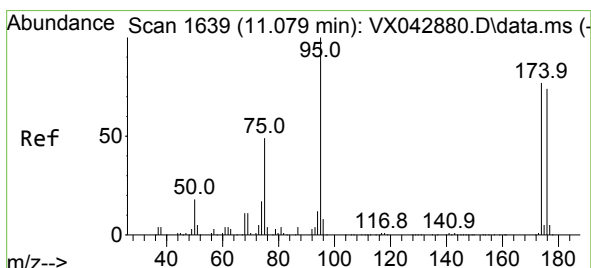
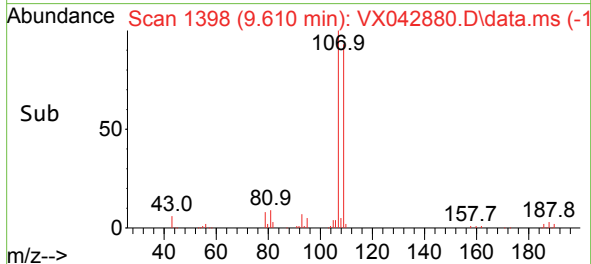
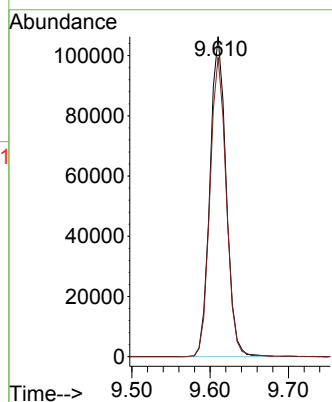
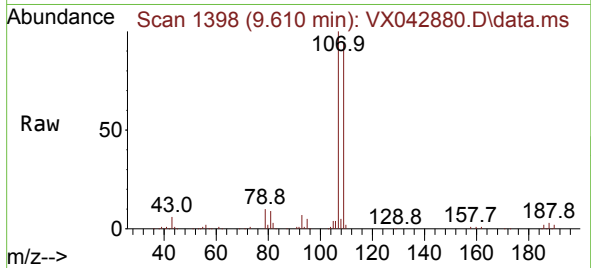




#61  
1,2-Dibromoethane  
Concen: 50.089 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

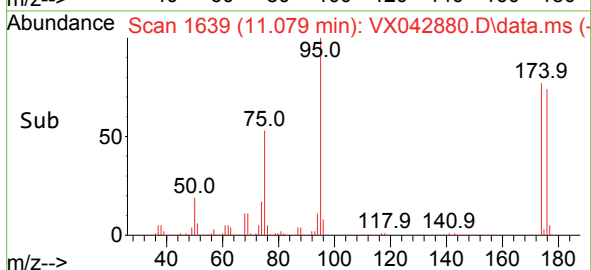
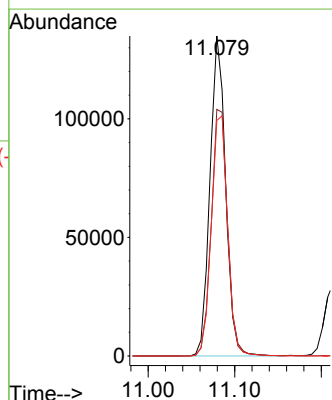
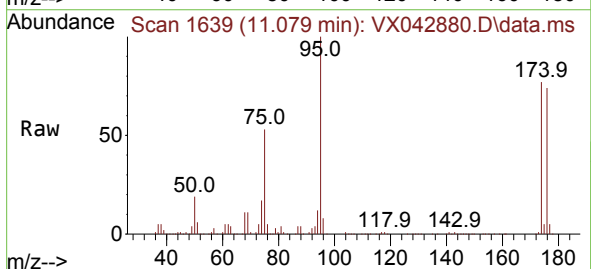
Instrument :  
MSVOA\_X  
ClientSampleId :

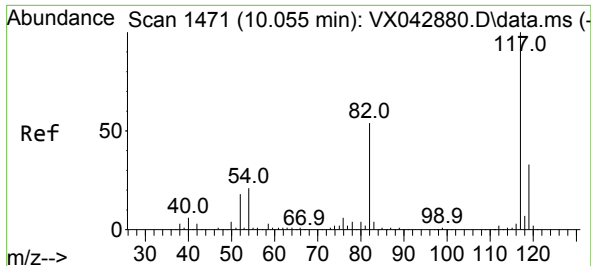
Tgt Ion:107 Resp: 152395  
Ion Ratio Lower Upper  
107 100  
109 94.0 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 47.704 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

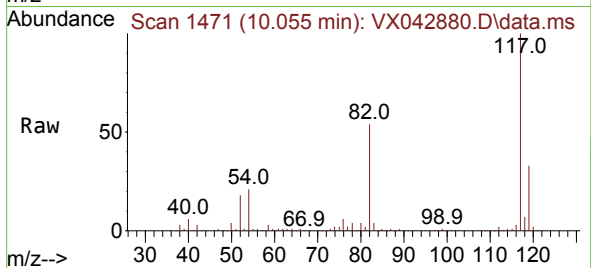
Tgt Ion: 95 Resp: 168890  
Ion Ratio Lower Upper  
95 100  
174 80.8 0.0 135.6  
176 78.5 0.0 131.0



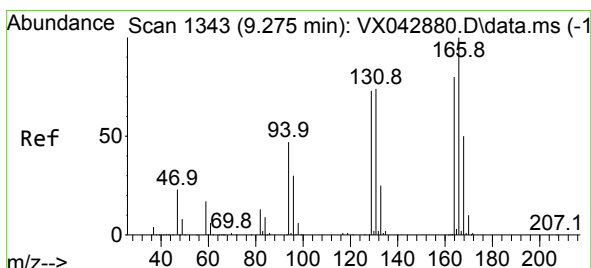
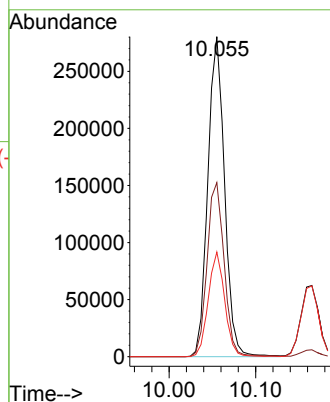
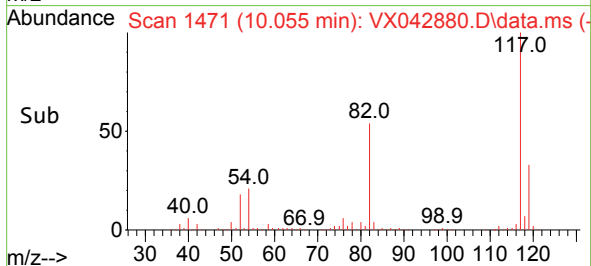


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

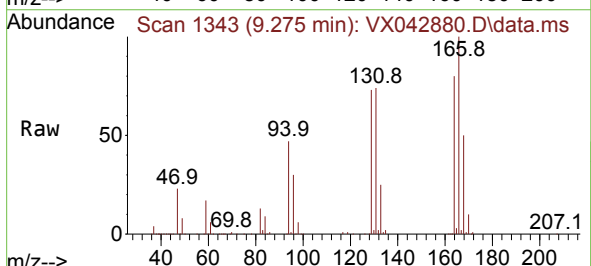
Instrument :  
MSVOA\_X  
ClientSampleId :



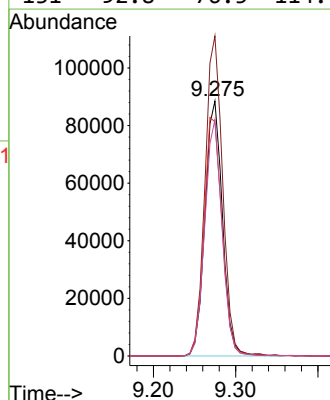
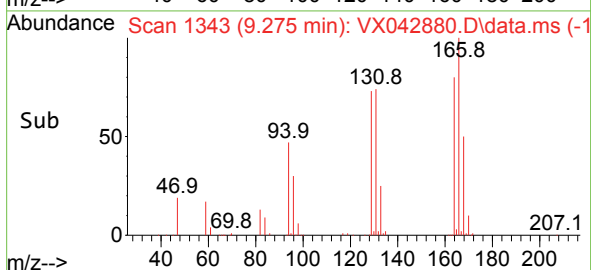
Tgt Ion:117 Resp: 376326  
Ion Ratio Lower Upper  
117 100  
82 54.4 46.2 69.4  
119 32.7 25.5 38.3

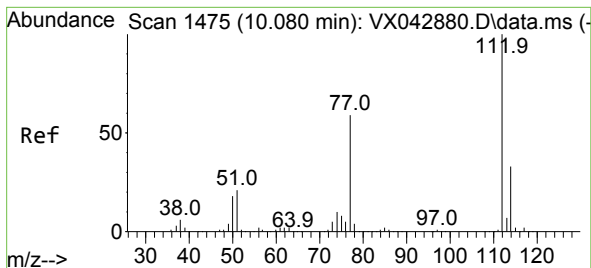


#64  
Tetrachloroethene  
Concen: 50.092 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28



Tgt Ion:164 Resp: 131072  
Ion Ratio Lower Upper  
164 100  
166 125.6 102.7 154.1  
129 91.8 80.4 120.6  
131 92.8 76.5 114.7





#65

Chlorobenzene

Concen: 48.964 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

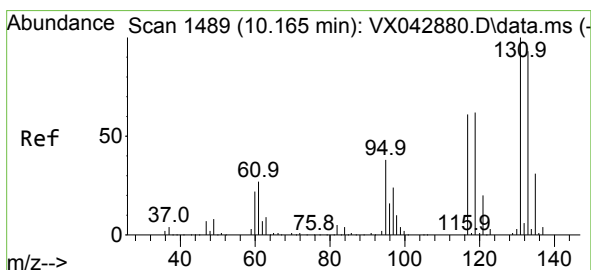
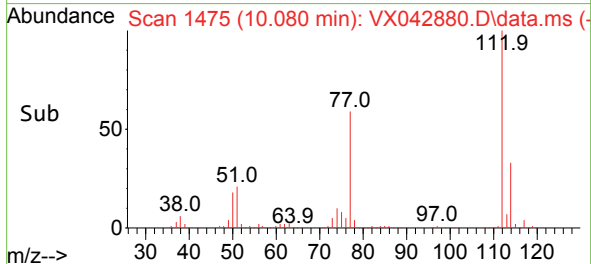
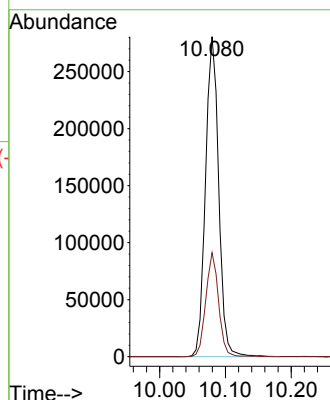
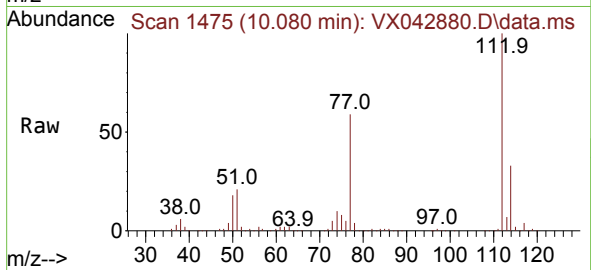
ClientSampleId :

Tgt Ion:112 Resp: 391018

Ion Ratio Lower Upper

112 100

114 32.5 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 49.991 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

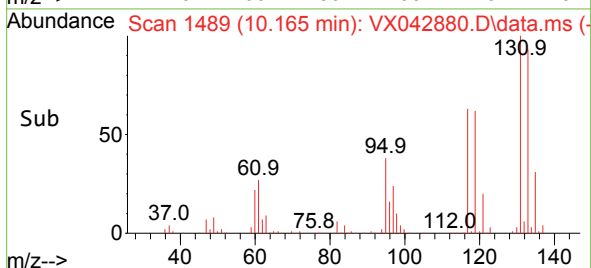
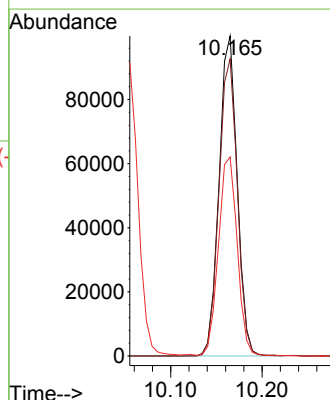
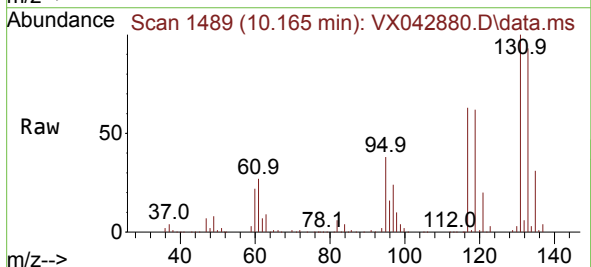
Tgt Ion:131 Resp: 137657

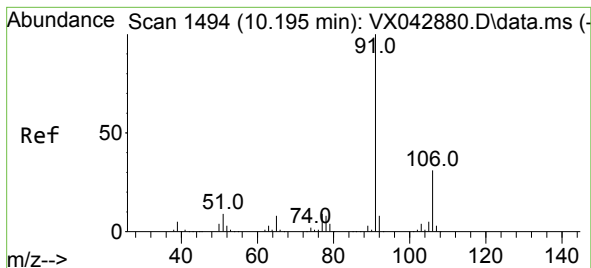
Ion Ratio Lower Upper

131 100

133 94.4 47.1 141.4

119 64.4 32.2 96.6





#67

Ethyl Benzene

Concen: 50.606 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

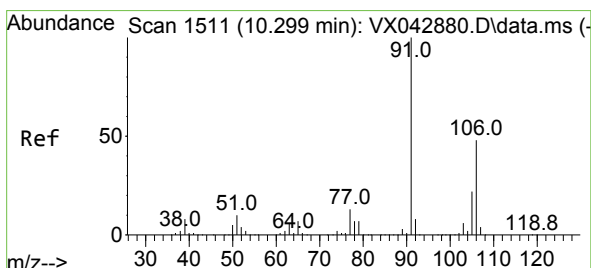
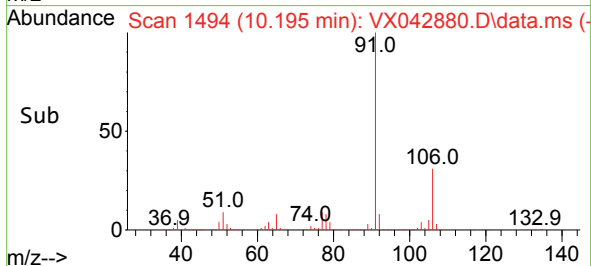
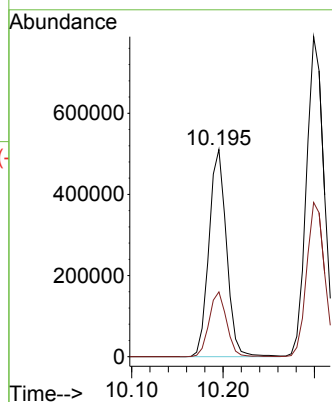
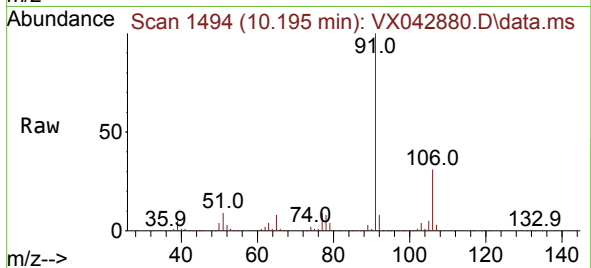
ClientSampleId :

Tgt Ion: 91 Resp: 679787

Ion Ratio Lower Upper

91 100

106 31.3 24.9 37.3



#68

m/p-Xylenes

Concen: 102.222 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX042880.D

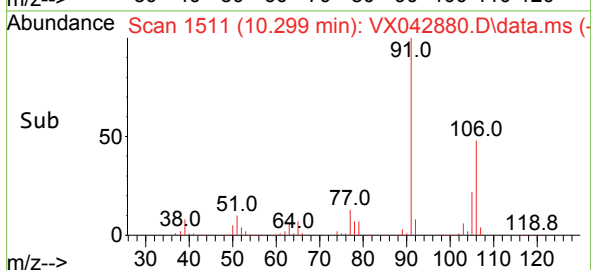
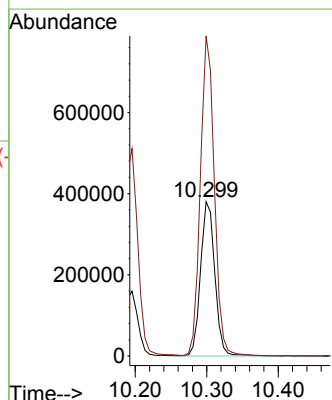
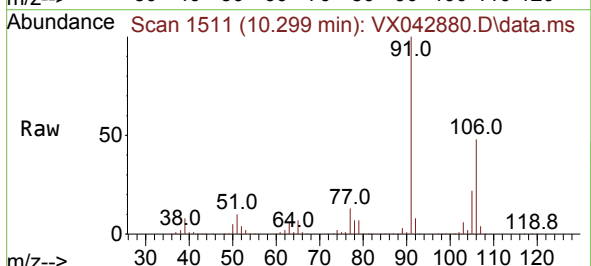
Acq: 06 Aug 2024 19:28

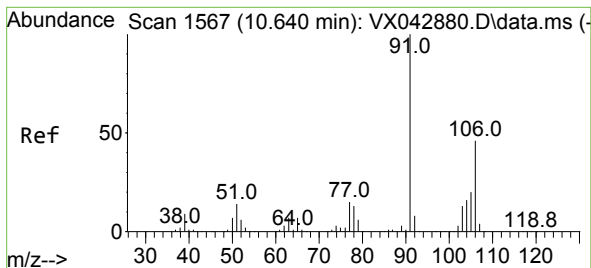
Tgt Ion: 106 Resp: 524202

Ion Ratio Lower Upper

106 100

91 204.1 165.5 248.3

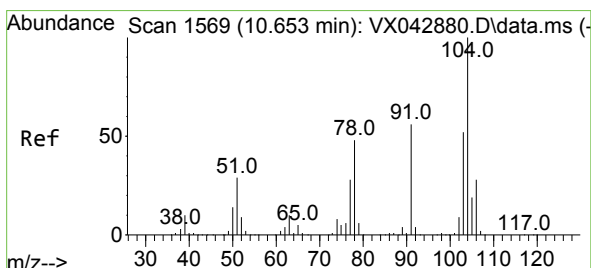
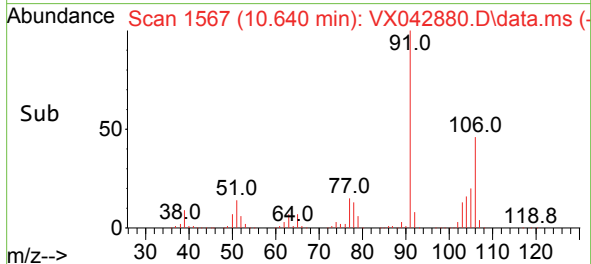
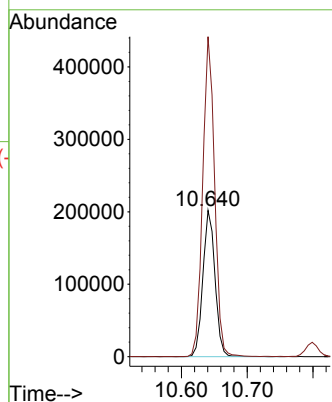
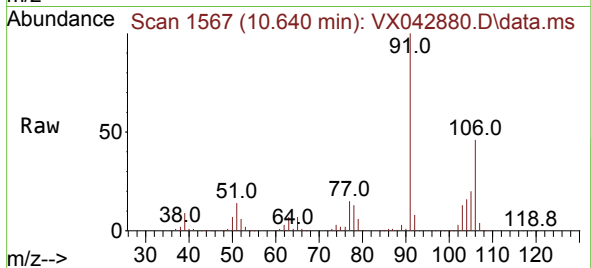




#69  
o-Xylene  
Concen: 50.359 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

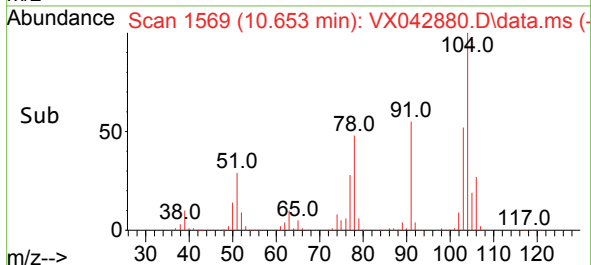
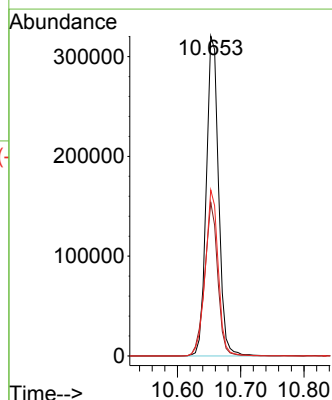
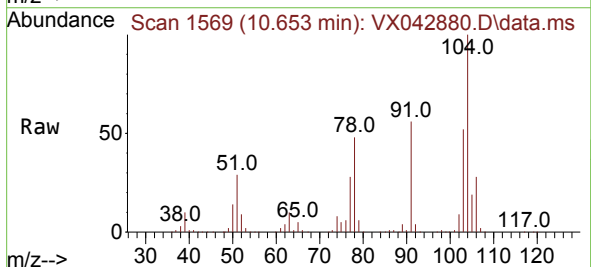
Instrument :  
MSVOA\_X  
ClientSampleId :

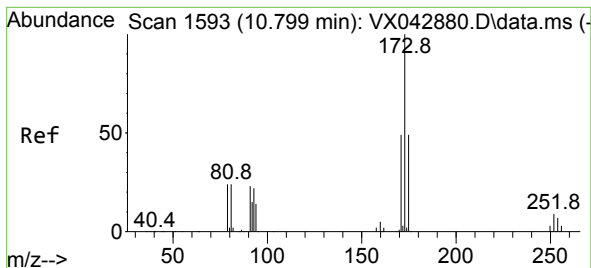
Tgt Ion:106 Resp: 258694  
Ion Ratio Lower Upper  
106 100  
91 214.9 108.9 326.8



#70  
Styrene  
Concen: 52.555 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Tgt Ion:104 Resp: 434136  
Ion Ratio Lower Upper  
104 100  
78 50.9 43.6 65.4  
103 55.1 43.6 65.4





#71

Bromoform

Concen: 48.675 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

ClientSampleId :

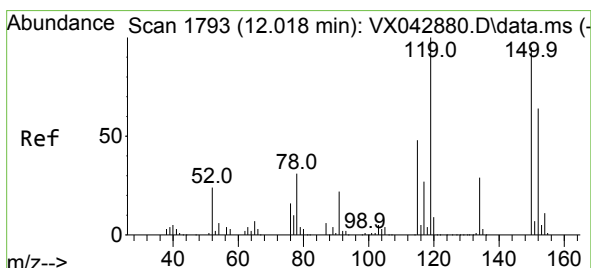
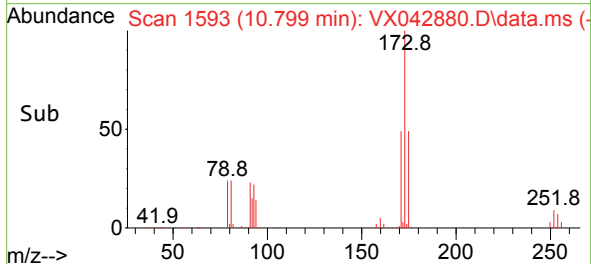
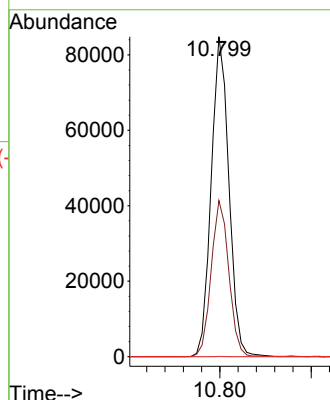
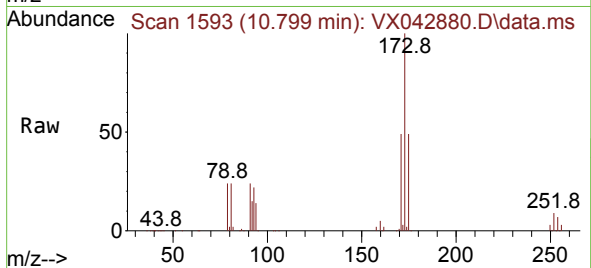
Tgt Ion:173 Resp: 113423

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.4

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

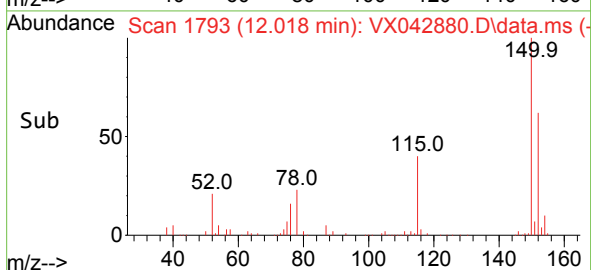
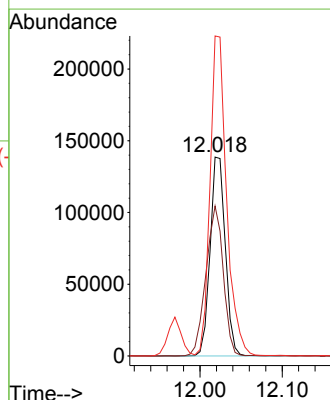
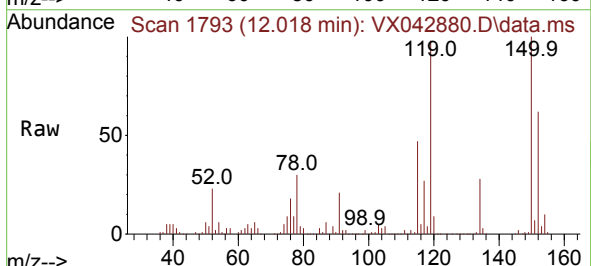
Tgt Ion:152 Resp: 178191

Ion Ratio Lower Upper

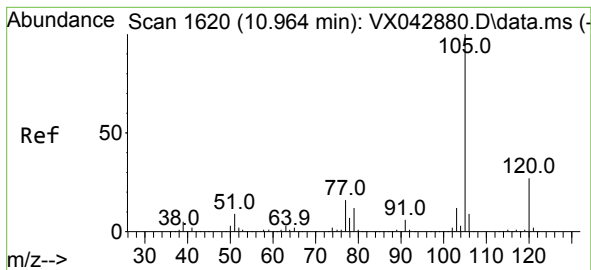
152 100

115 86.1 43.3 129.9

150 174.5 0.0 345.0







#73

Isopropylbenzene

Concen: 50.806 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

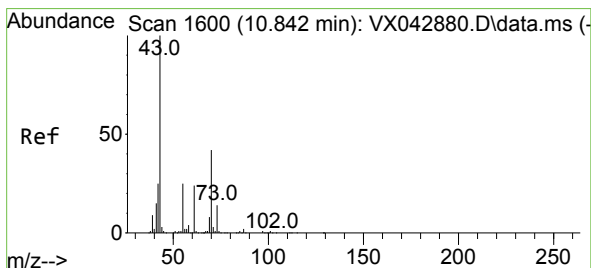
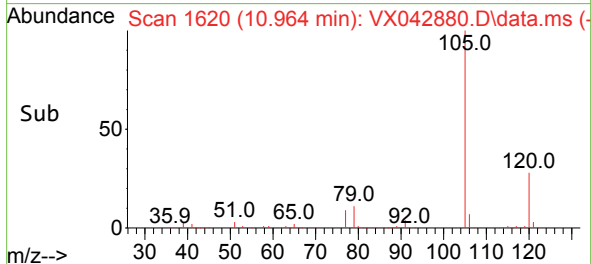
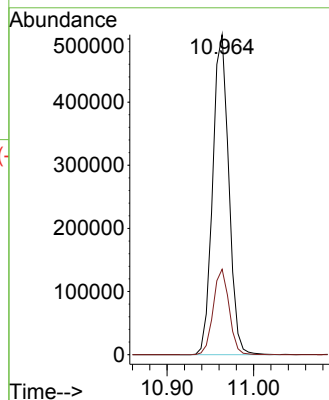
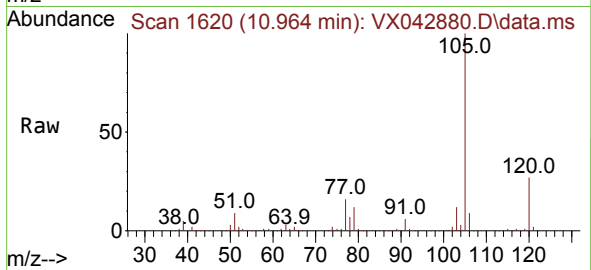
ClientSampleId :

Tgt Ion:105 Resp: 654538

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



#74

N-ethyl acetate

Concen: 52.077 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Tgt Ion: 43 Resp: 301881

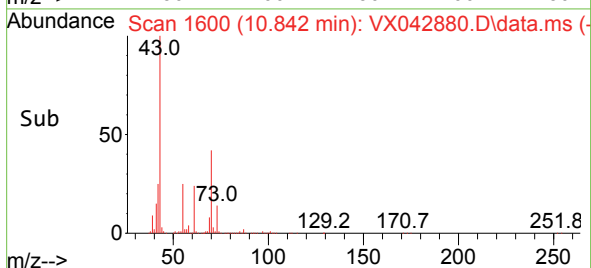
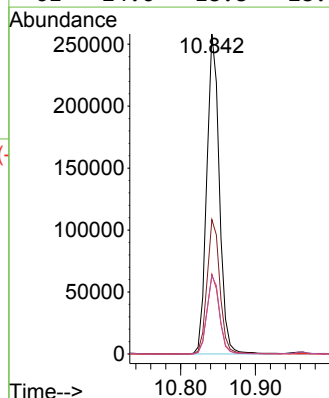
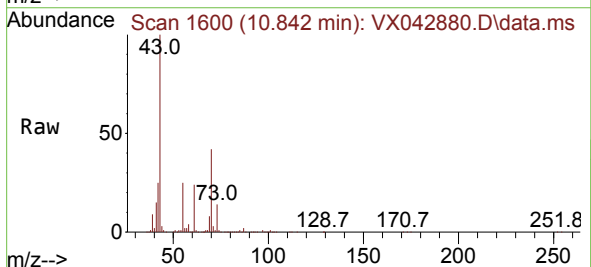
Ion Ratio Lower Upper

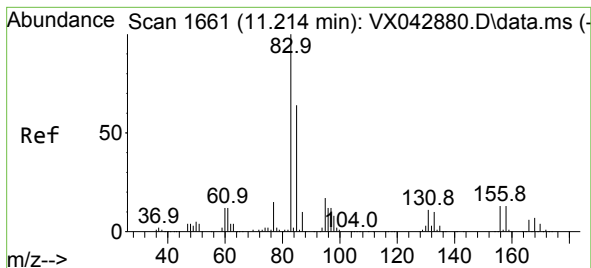
43 100

70 42.7 32.9 49.3

55 24.4 19.3 28.9

61 24.6 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.108 ug/l

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

ClientSampleId :

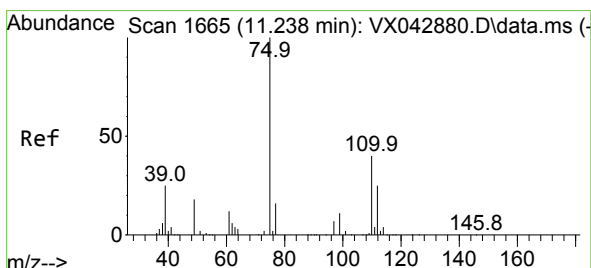
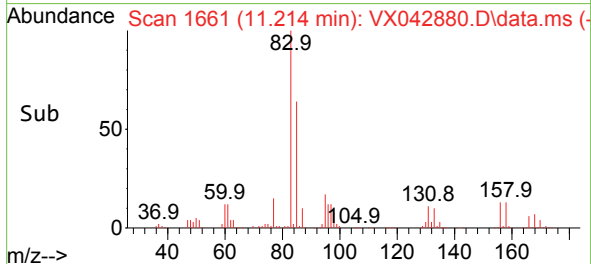
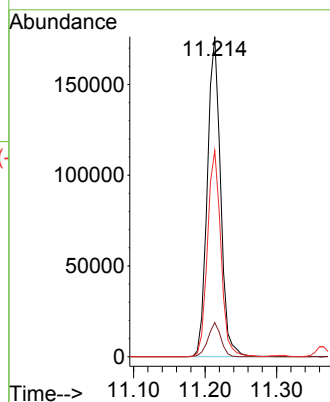
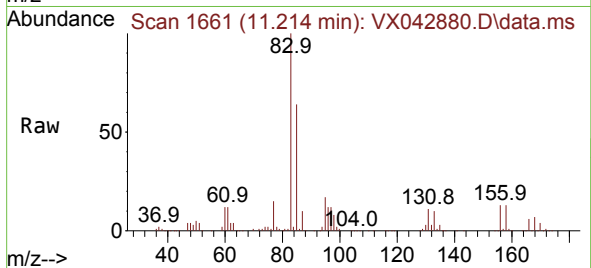
Tgt Ion: 83 Resp: 227046

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.8

85 65.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 63.457 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX042880.D

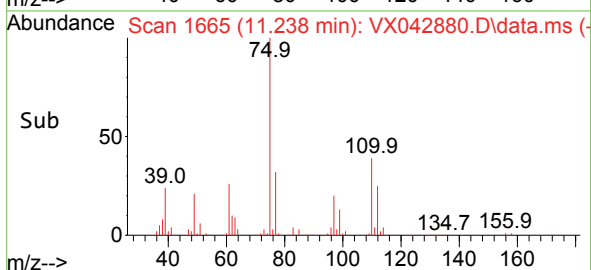
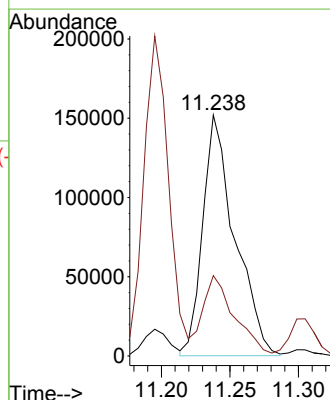
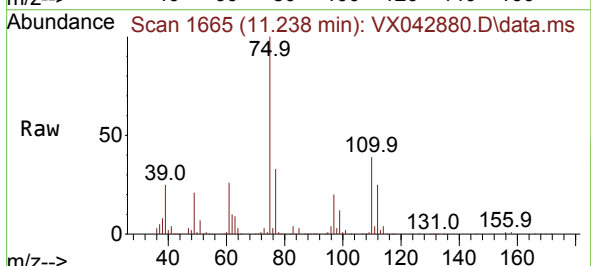
Acq: 06 Aug 2024 19:28

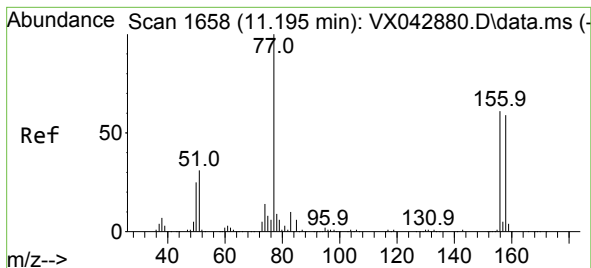
Tgt Ion: 75 Resp: 248036

Ion Ratio Lower Upper

75 100

77 33.3 19.1 57.5





#77

Bromobenzene

Concen: 49.875 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

ClientSampleId :

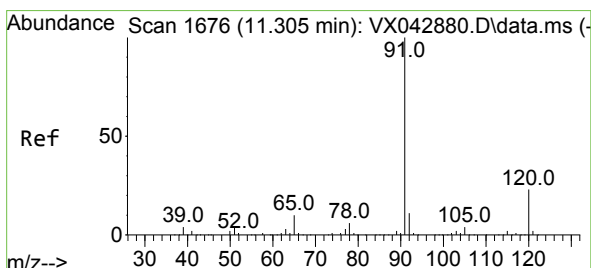
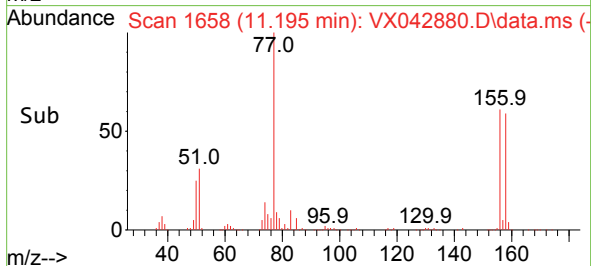
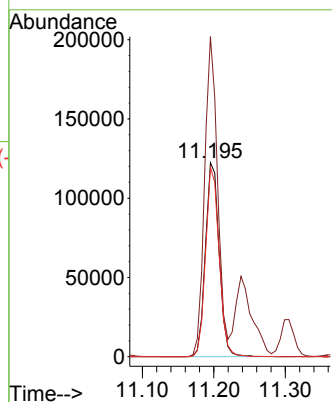
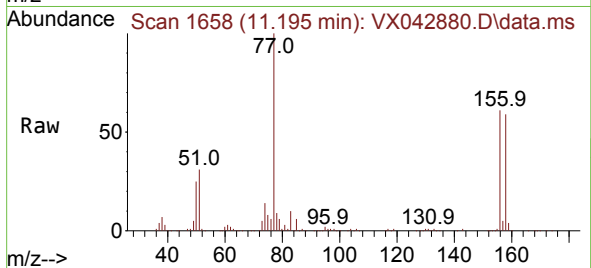
Tgt Ion:156 Resp: 163448

Ion Ratio Lower Upper

156 100

77 155.9 88.4 265.3

158 96.2 48.0 144.0



#78

n-propylbenzene

Concen: 52.450 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX042880.D

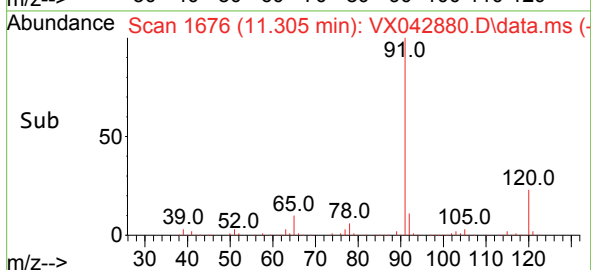
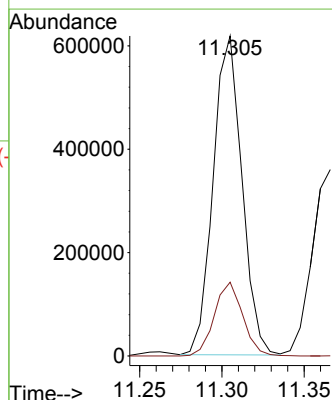
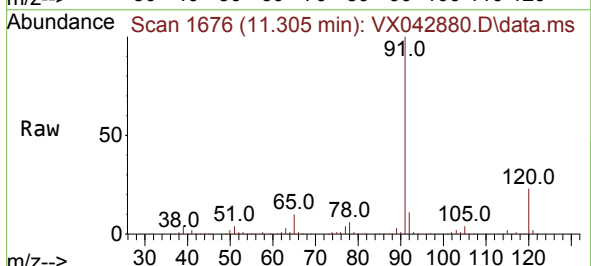
Acq: 06 Aug 2024 19:28

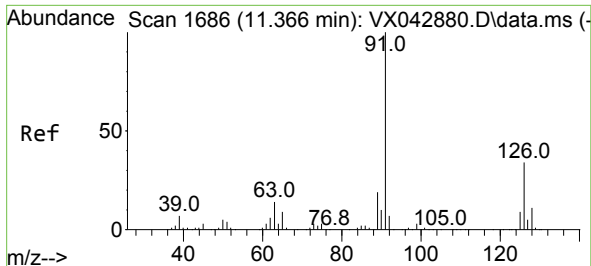
Tgt Ion: 91 Resp: 750582

Ion Ratio Lower Upper

91 100

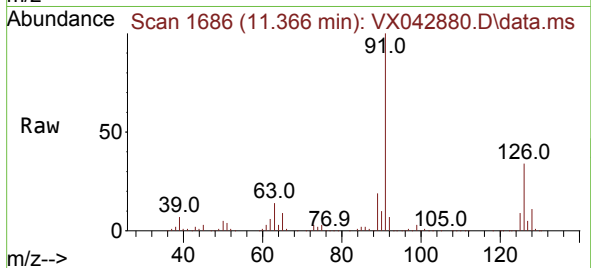
120 22.9 11.5 34.4



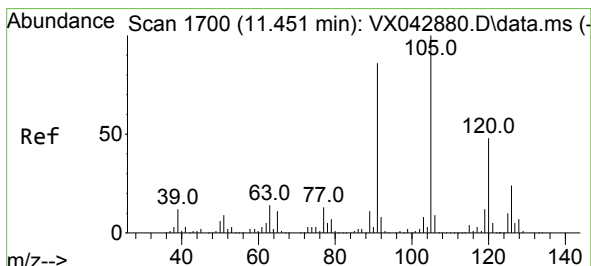
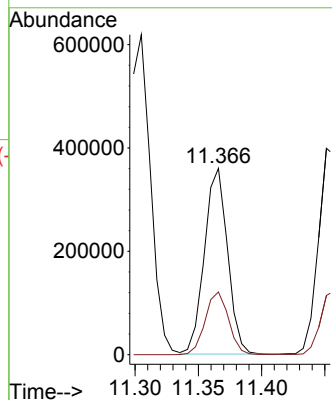
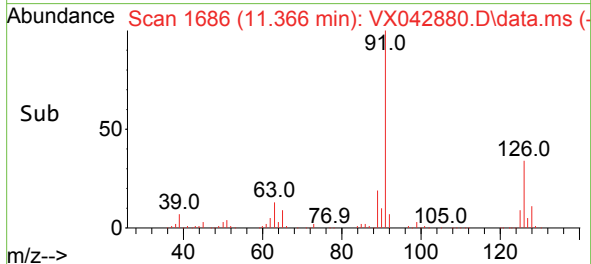


#79  
2-Chlorotoluene  
Concen: 49.939 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Instrument :  
MSVOA\_X  
ClientSampleId :

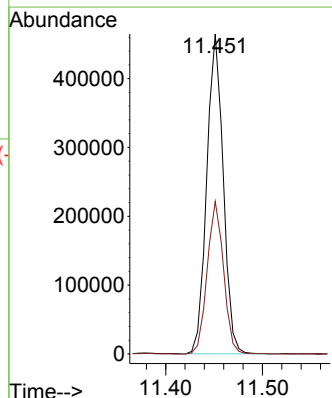
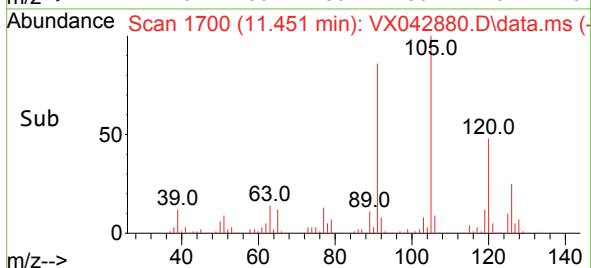
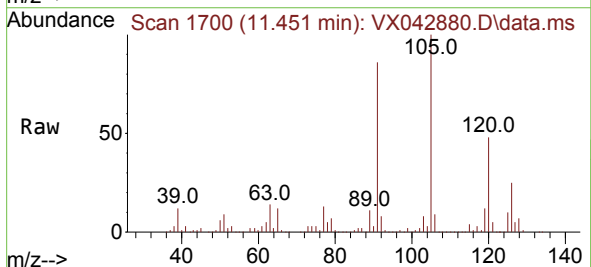


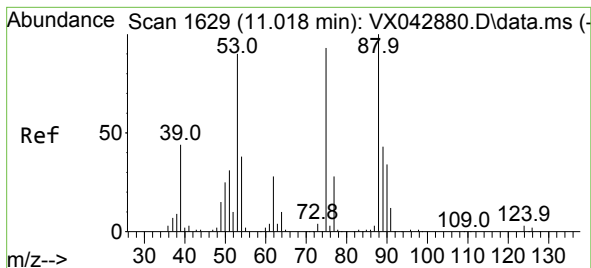
Tgt Ion: 91 Resp: 458041  
Ion Ratio Lower Upper  
91 100  
126 34.1 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 51.658 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX042880.D  
Acq: 06 Aug 2024 19:28

Tgt Ion: 105 Resp: 551055  
Ion Ratio Lower Upper  
105 100  
120 47.4 24.1 72.3

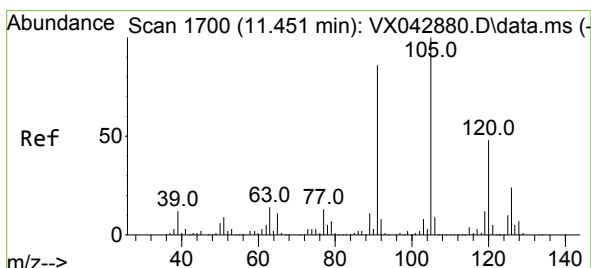
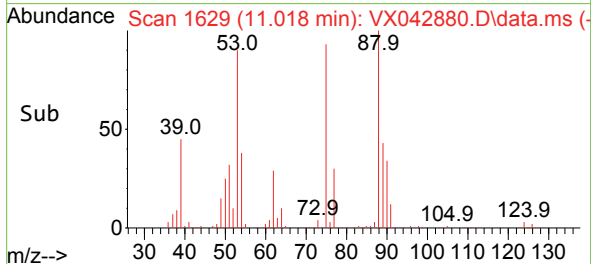
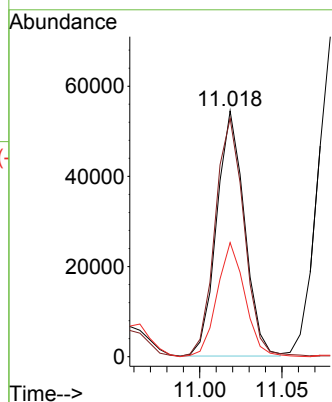
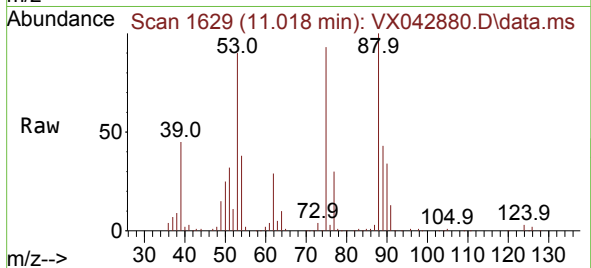




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 52.018 ug/l  
 RT: 11.018 min Scan# 1629  
 Delta R.T. 0.000 min  
 Lab File: VX042880.D  
 Acq: 06 Aug 2024 19:28

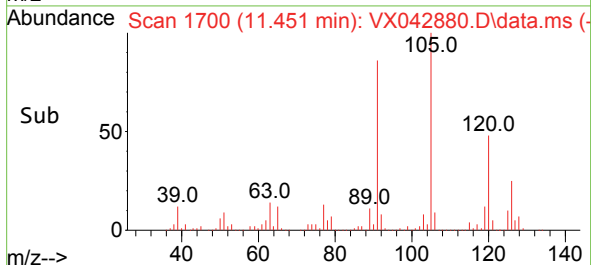
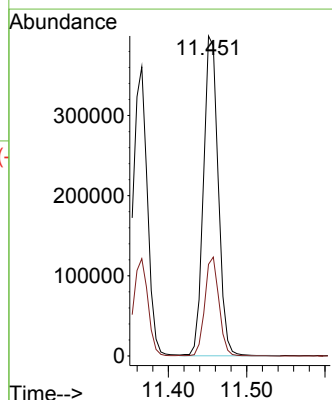
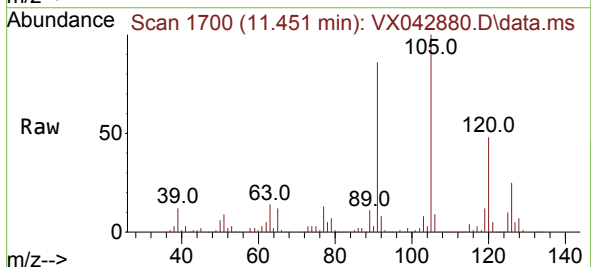
Instrument :  
 MSVOA\_X  
 ClientSampleId :

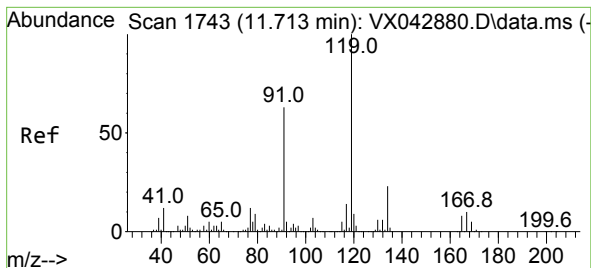
Tgt Ion: 75 Resp: 64112  
 Ion Ratio Lower Upper  
 75 100  
 53 102.2 90.5 135.7  
 89 46.4 36.9 55.3



#82  
 4-Chlorotoluene  
 Concen: 50.527 ug/l  
 RT: 11.451 min Scan# 1700  
 Delta R.T. 0.000 min  
 Lab File: VX042880.D  
 Acq: 06 Aug 2024 19:28

Tgt Ion: 91 Resp: 520906  
 Ion Ratio Lower Upper  
 91 100  
 126 29.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.382 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

ClientSampleId :

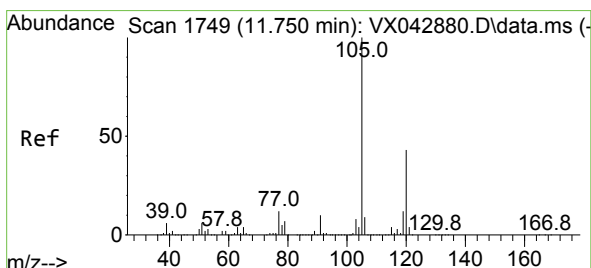
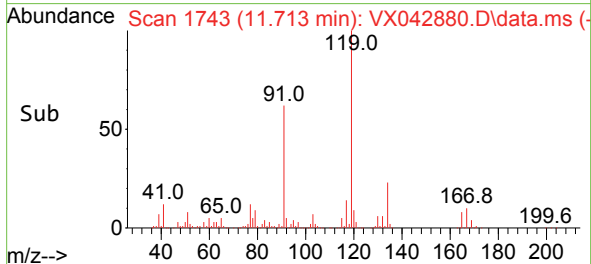
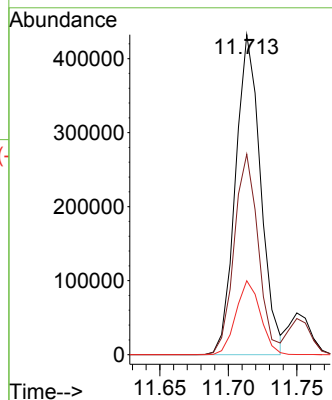
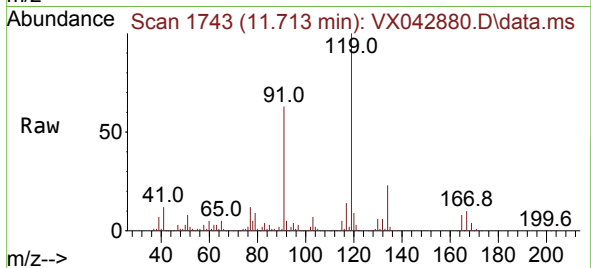
Tgt Ion:119 Resp: 552320

Ion Ratio Lower Upper

119 100

91 60.3 31.2 93.6

134 22.5 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 52.393 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042880.D

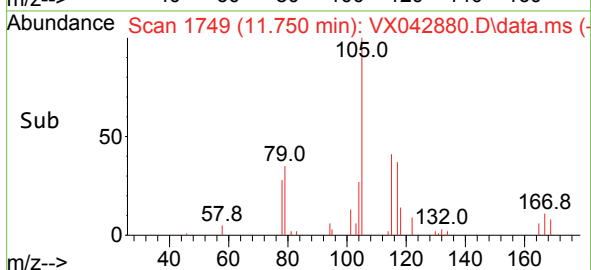
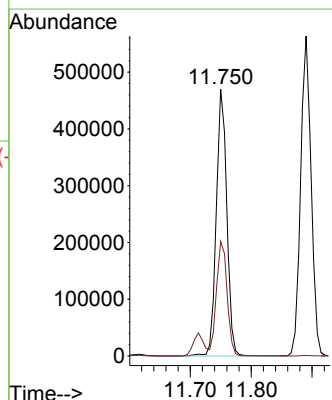
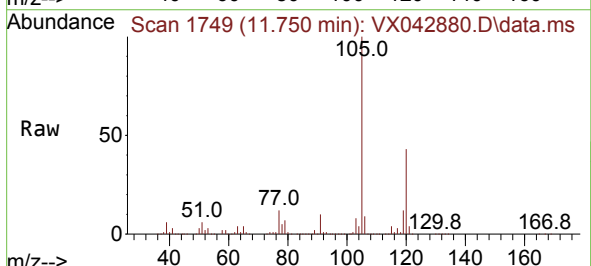
Acq: 06 Aug 2024 19:28

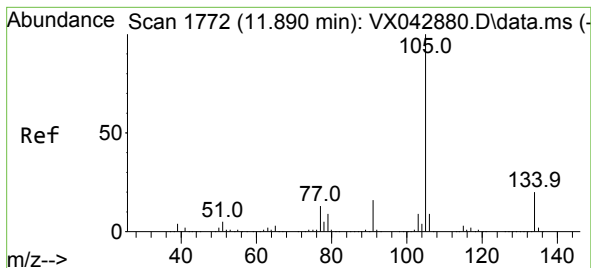
Tgt Ion:105 Resp: 562656

Ion Ratio Lower Upper

105 100

120 43.2 21.2 63.6





#85

sec-Butylbenzene

Concen: 52.187 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

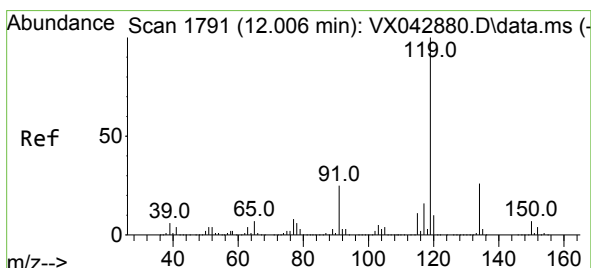
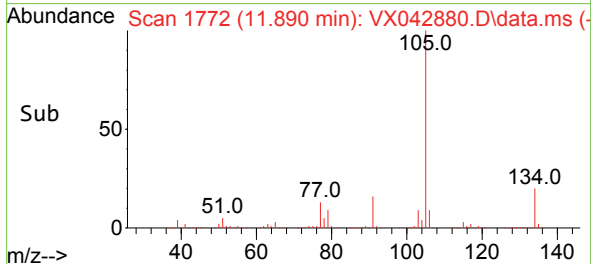
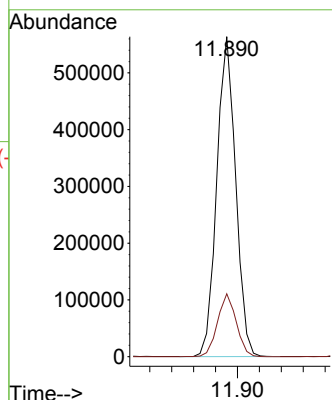
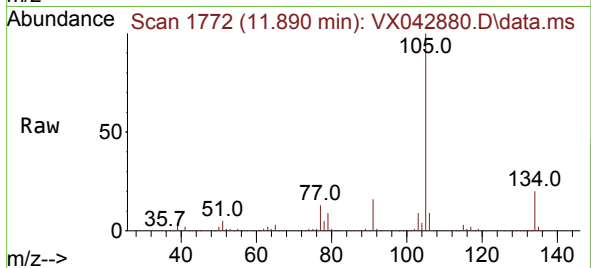
ClientSampleId :

Tgt Ion:105 Resp: 673663

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.4



#86

p-Isopropyltoluene

Concen: 53.321 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

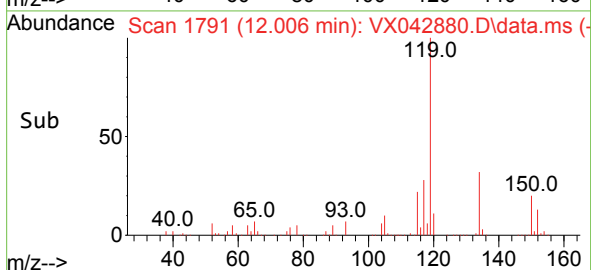
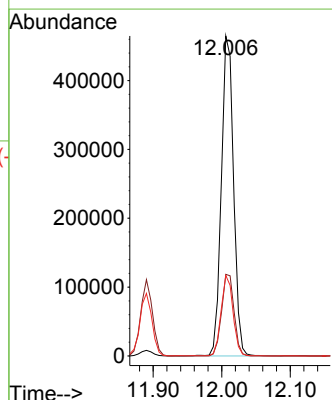
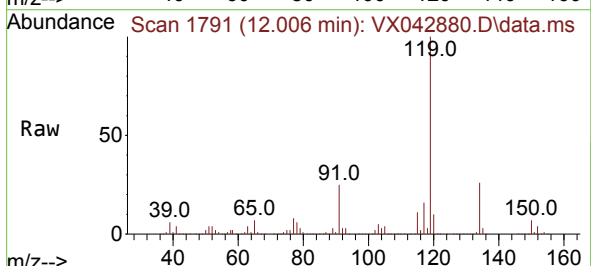
Tgt Ion:119 Resp: 571852

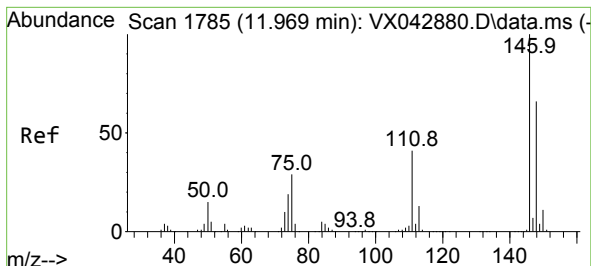
Ion Ratio Lower Upper

119 100

134 26.2 12.8 38.3

91 24.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.490 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

ClientSampleId :

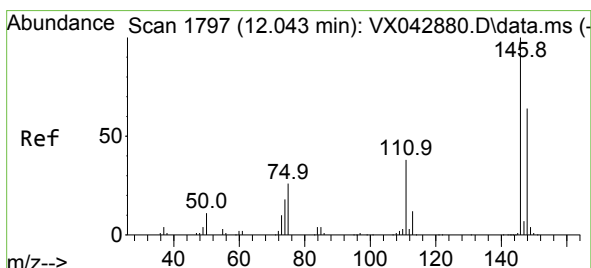
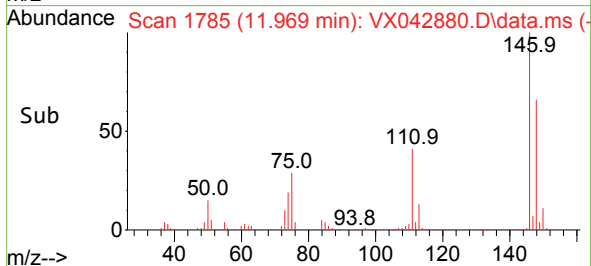
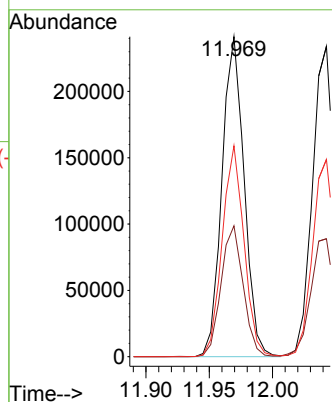
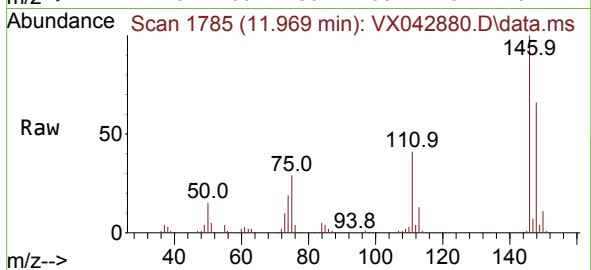
Tgt Ion:146 Resp: 293521

Ion Ratio Lower Upper

146 100

111 40.9 22.1 66.1

148 64.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.930 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

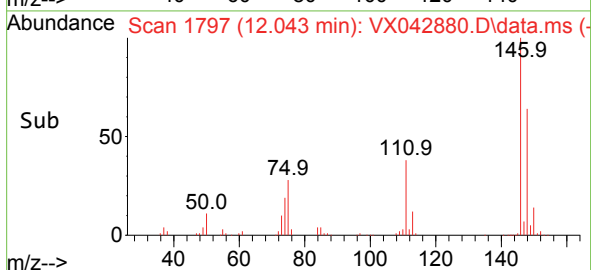
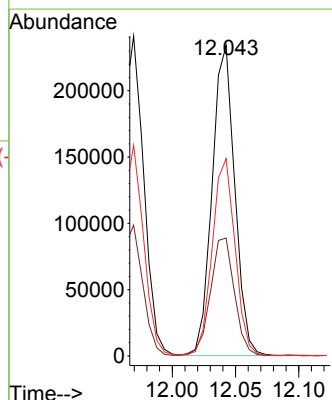
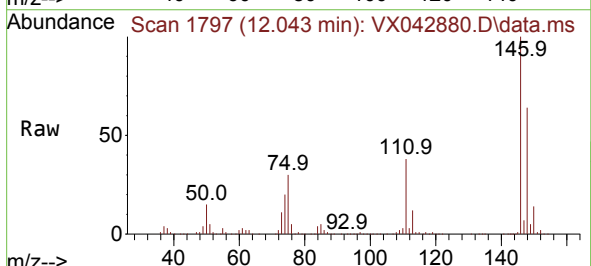
Tgt Ion:146 Resp: 291382

Ion Ratio Lower Upper

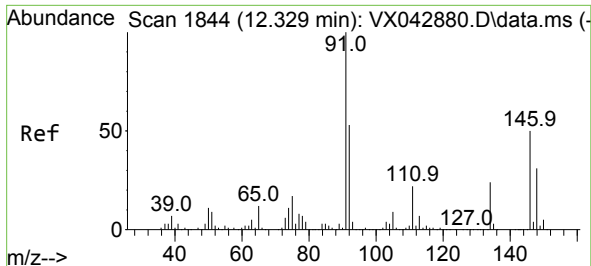
146 100

111 40.3 21.3 63.7

148 64.3 31.8 95.4







#89

n-Butylbenzene

Concen: 52.520 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

ClientSampleId :

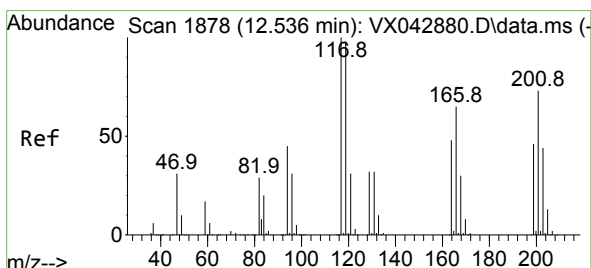
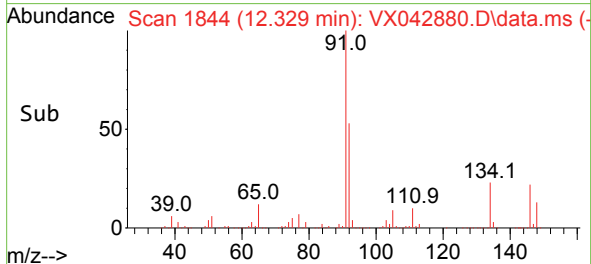
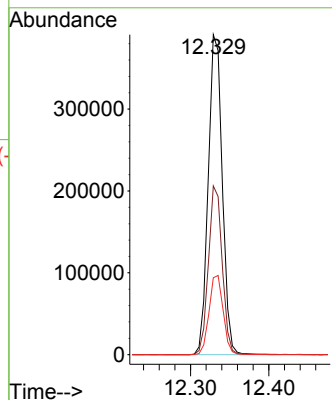
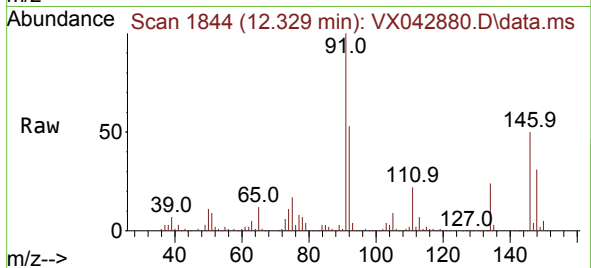
Tgt Ion: 91 Resp: 485925

Ion Ratio Lower Upper

91 100

92 51.8 27.4 82.0

134 24.9 12.6 37.8



#90

Hexachloroethane

Concen: 49.698 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX042880.D

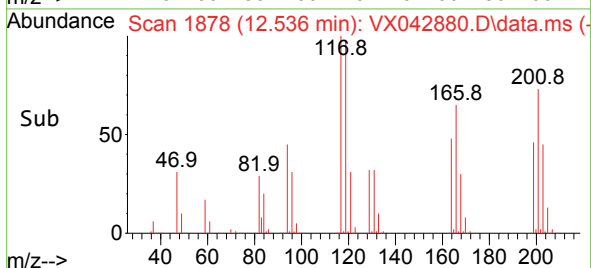
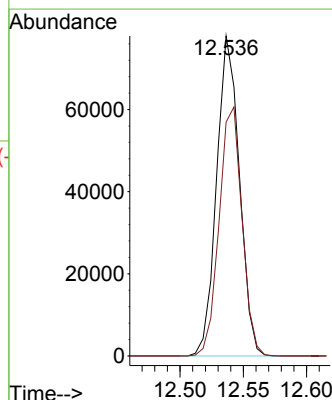
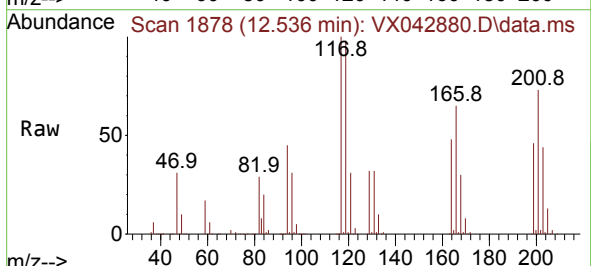
Acq: 06 Aug 2024 19:28

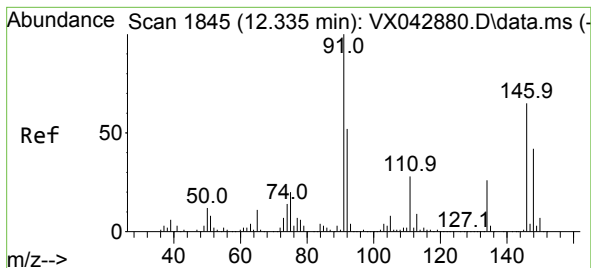
Tgt Ion: 117 Resp: 97498

Ion Ratio Lower Upper

117 100

201 78.1 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 49.707 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

ClientSampleId :

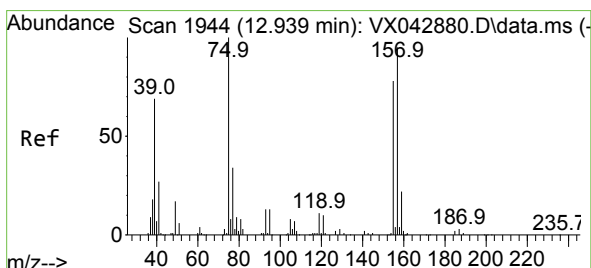
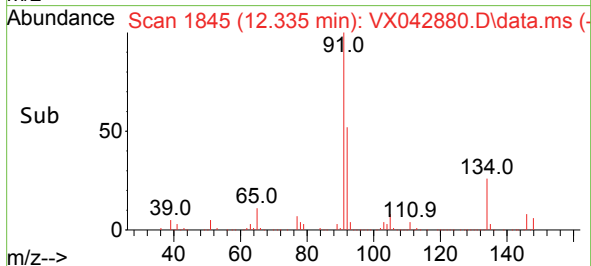
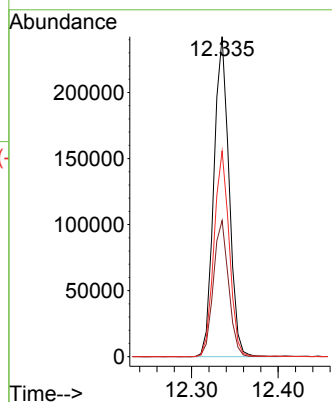
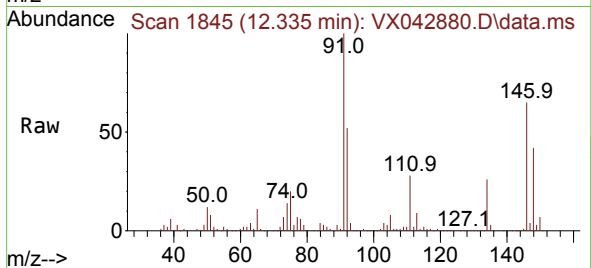
Tgt Ion:146 Resp: 295210

Ion Ratio Lower Upper

146 100

111 42.6 22.4 67.0

148 64.3 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.412 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

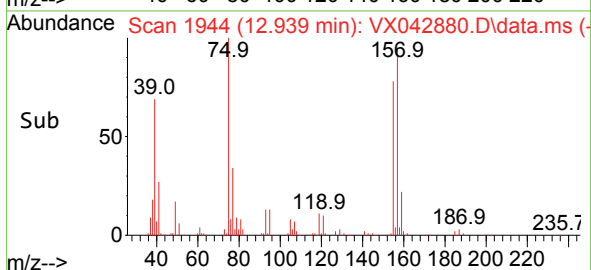
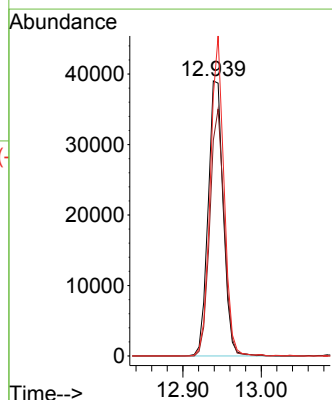
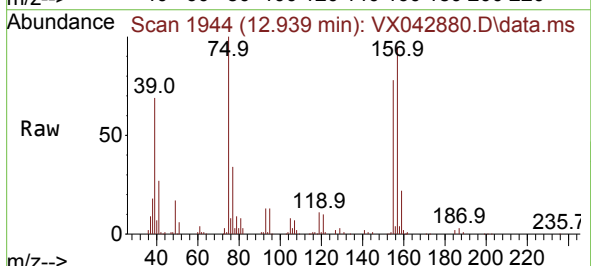
Tgt Ion: 75 Resp: 52278

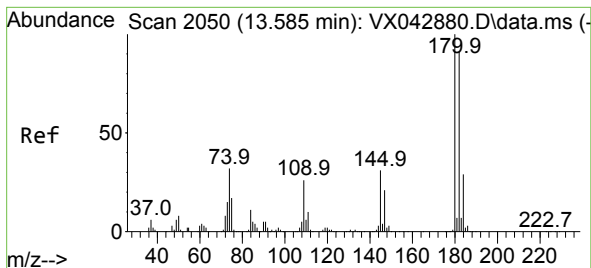
Ion Ratio Lower Upper

75 100

155 85.0 36.1 108.5

157 105.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.045 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

ClientSampleId :

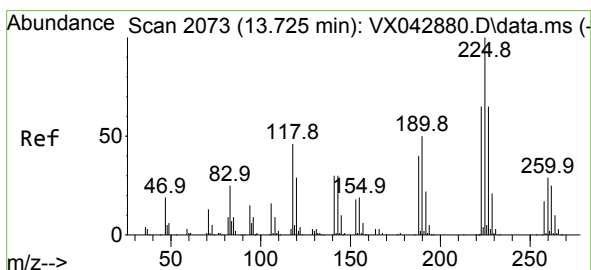
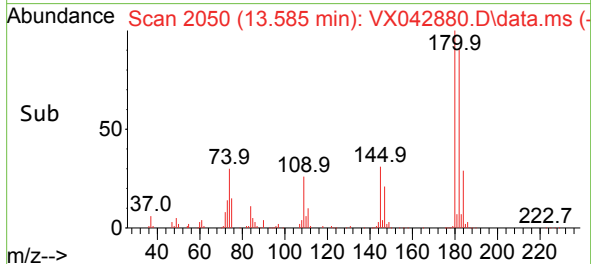
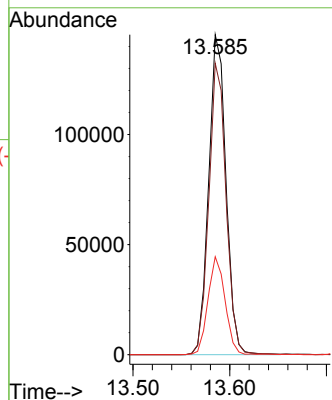
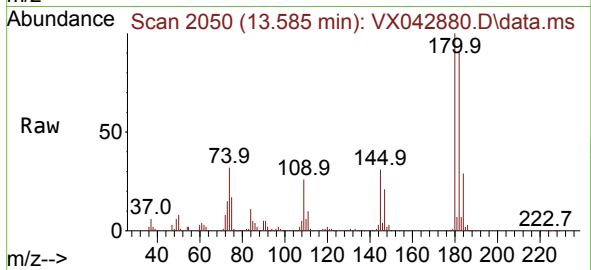
Tgt Ion:180 Resp: 181296

Ion Ratio Lower Upper

180 100

182 91.0 48.3 144.8

145 30.2 18.0 54.0



#94

Hexachlorobutadiene

Concen: 50.346 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

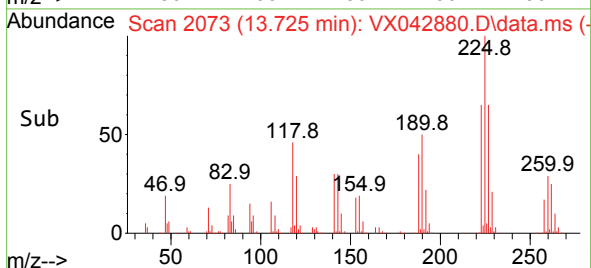
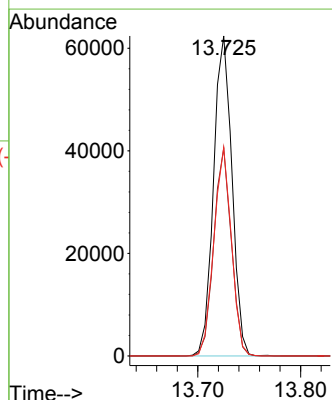
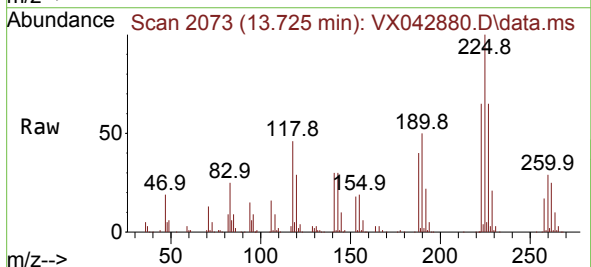
Tgt Ion:225 Resp: 77353

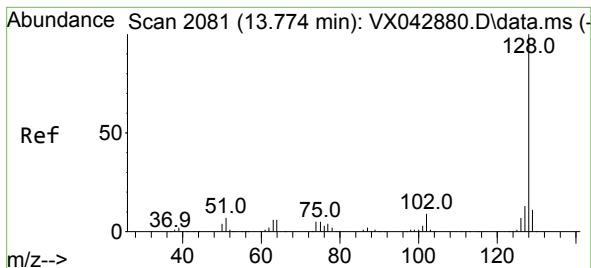
Ion Ratio Lower Upper

225 100

223 62.0 31.1 93.2

227 62.2 32.5 97.5





#95

Naphthalene

Concen: 52.086 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

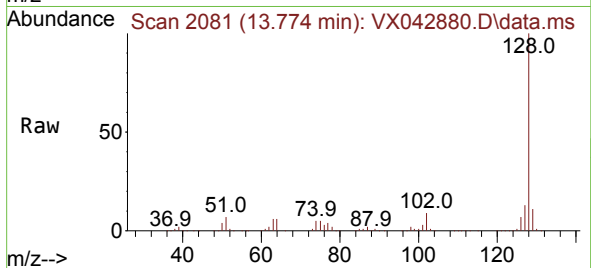
Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA\_X

ClientSampleId :



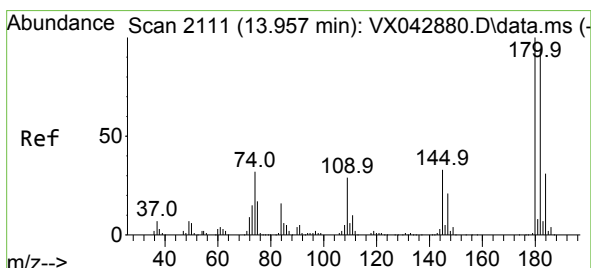
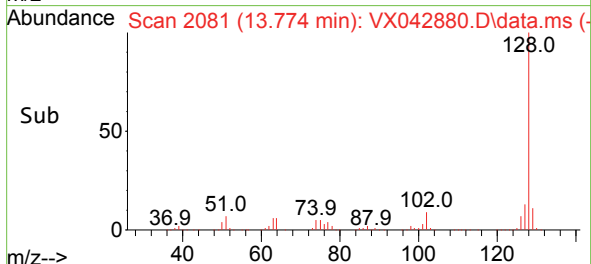
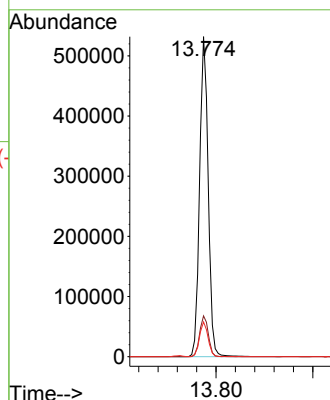
Tgt Ion:128 Resp: 652942

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.079 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Tgt Ion:180 Resp: 186267

Ion Ratio Lower Upper

180 100

182 94.3 46.9 140.6

145 32.6 17.8 53.5

