

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091024\  
 Data File : VN083756.D  
 Acq On : 10 Sep 2024 16:55  
 Operator : JC\MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 11 03:16:17 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 02:47:22 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 107993   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 221590   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 237120   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 108324   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 88247    | 54.193   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 108.380% |      |
| 35) Dibromofluoromethane    | 8.165  | 113   | 69503    | 48.994   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 97.980%  |      |
| 50) Toluene-d8              | 10.565 | 98    | 249806   | 50.938   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 101.880% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 109816   | 54.275   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 108.540% |      |

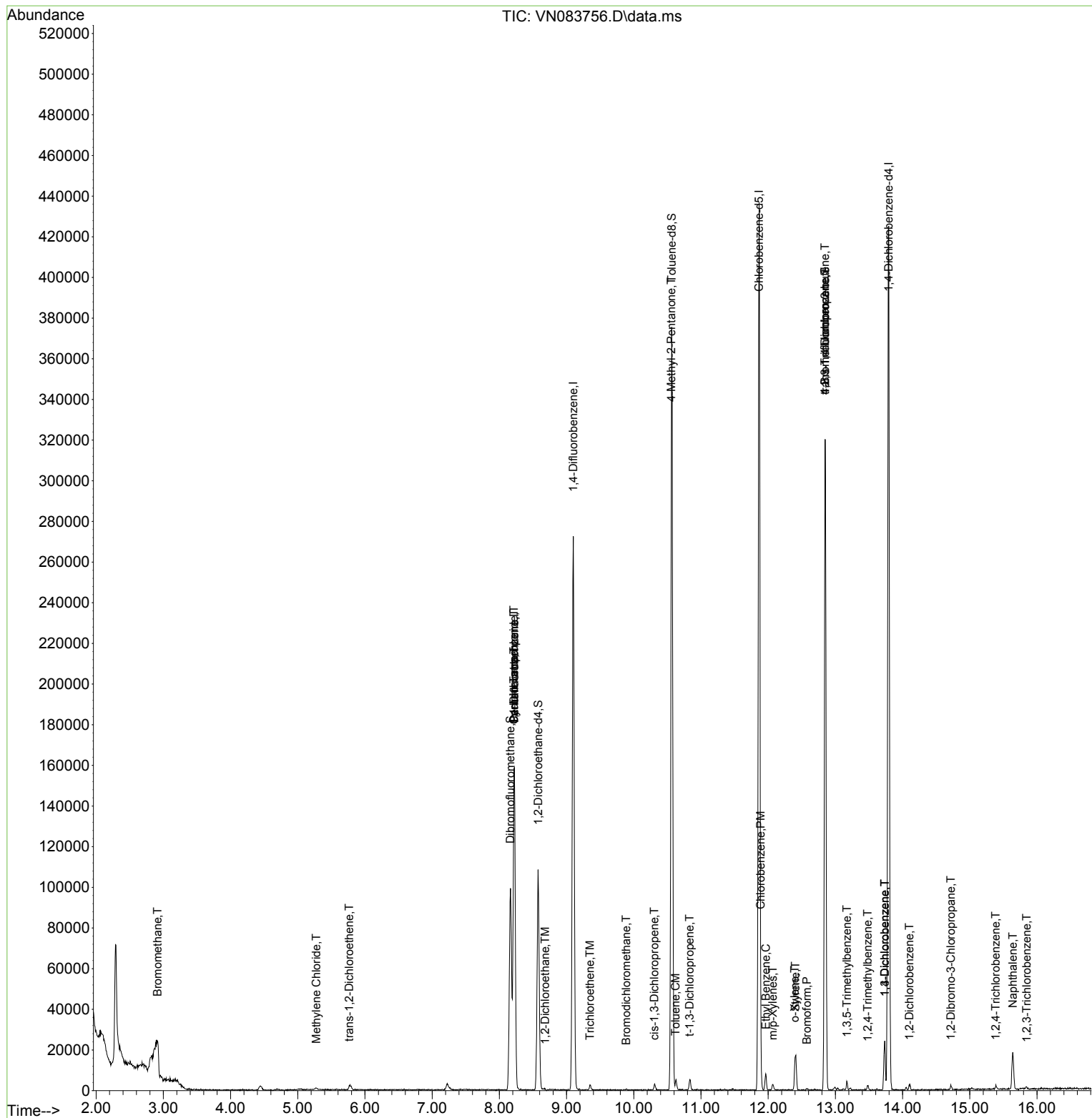
|                               |        |     |        |           |      |      |
|-------------------------------|--------|-----|--------|-----------|------|------|
| Target Compounds              |        |     | Qvalue |           |      |      |
| 3) Chloromethane              | 2.365  | 50  | 1166   | Below Cal | #    | 41   |
| 5) Bromomethane               | 2.912  | 94  | 427    | 0.541     | ug/l | # 78 |
| 18) Methyl Acetate            | 5.036  | 43  | 1043   | Below Cal | #    | 52   |
| 20) Methylene Chloride        | 5.277  | 84  | 555    | 0.415     | ug/l | # 52 |
| 21) trans-1,2-Dichloroethene  | 5.765  | 96  | 688    | 0.550     | ug/l | # 68 |
| 31) Cyclohexane               | 8.218  | 56  | 2823   | 1.200     | ug/l | # 8  |
| 36) 1,1-Dichloropropene       | 8.218  | 75  | 10074  | 4.718     | ug/l | # 50 |
| 38) Carbon Tetrachloride      | 8.218  | 117 | 13476  | 5.563     | ug/l | # 15 |
| 42) 1,2-Dichloroethane        | 8.682  | 62  | 878    | 0.366     | ug/l | # 77 |
| 44) Trichloroethene           | 9.347  | 130 | 966    | 0.649     | ug/l | # 82 |
| 47) Bromodichloromethane      | 9.888  | 83  | 567    | 0.241     | ug/l | # 24 |
| 51) 4-Methyl-2-Pentanone      | 10.559 | 43  | 1191   | 0.623     | ug/l | # 1  |
| 52) Toluene                   | 10.623 | 92  | 2126   | 0.541     | ug/l | # 92 |
| 53) t-1,3-Dichloropropene     | 10.829 | 75  | 3052   | 1.279     | ug/l | # 83 |
| 54) cis-1,3-Dichloropropene   | 10.306 | 75  | 1672   | 0.667     | ug/l | # 96 |
| 65) Chlorobenzene             | 11.888 | 112 | 3171   | 0.602     | ug/l | # 82 |
| 67) Ethyl Benzene             | 11.965 | 91  | 5884   | 0.628     | ug/l | # 87 |
| 68) m/p-Xylenes               | 12.070 | 106 | 1020   | 0.293     | ug/l | # 94 |
| 69) o-Xylene                  | 12.394 | 106 | 2038   | 0.606     | ug/l | # 90 |
| 70) Styrene                   | 12.406 | 104 | 6837   | 1.238     | ug/l | # 95 |
| 71) Bromoform                 | 12.576 | 173 | 453    | 0.368     | ug/l | # 29 |
| 76) 1,2,3-Trichloropropane    | 12.847 | 75  | 63175  | 29.634    | ug/l | # 1  |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105 | 2146   | 0.304     | ug/l | # 95 |
| 81) trans-1,4-Dichloro-2-b... | 12.847 | 75  | 63175  | 75.699    | ug/l | # 9  |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105 | 2036   | 0.287     | ug/l | # 92 |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146 | 9635   | 2.531     | ug/l | # 99 |
| 88) 1,4-Dichlorobenzene       | 13.735 | 146 | 9635   | 2.499     | ug/l | # 99 |
| 91) 1,2-Dichlorobenzene       | 14.100 | 146 | 1364   | 0.371     | ug/l | # 95 |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75  | 542    | 1.104     | ug/l | # 88 |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180 | 640    | 0.325     | ug/l | # 85 |
| 95) Naphthalene               | 15.641 | 128 | 17076  | 2.847     | ug/l | # 98 |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180 | 463    | 0.246     | ug/l | # 77 |

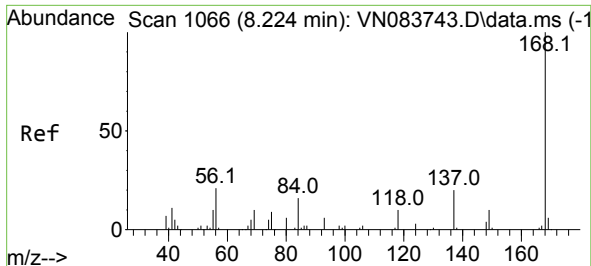
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091024\  
Data File : VN083756.D  
Acq On : 10 Sep 2024 16:55  
Operator : JC\MD  
Sample : IBLK  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

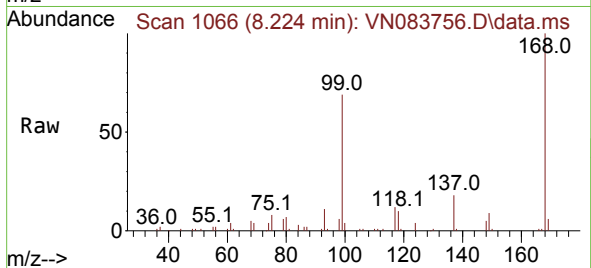
Quant Time: Sep 11 03:16:17 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 02:47:22 2024  
Response via : Initial Calibration



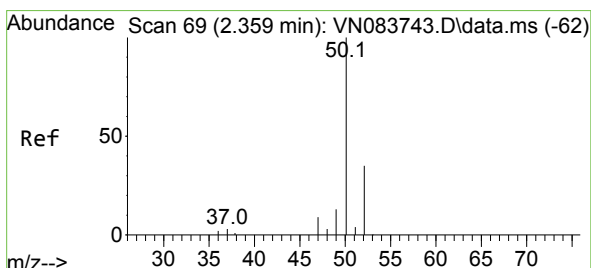
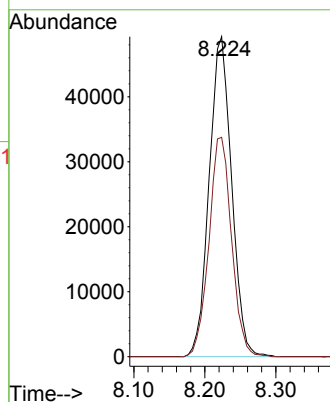
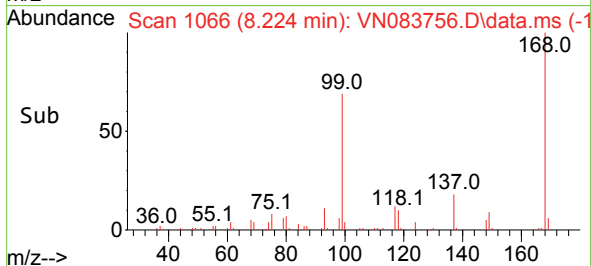


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :

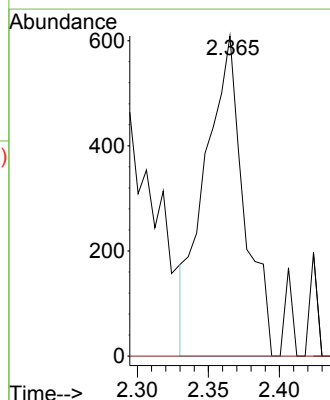
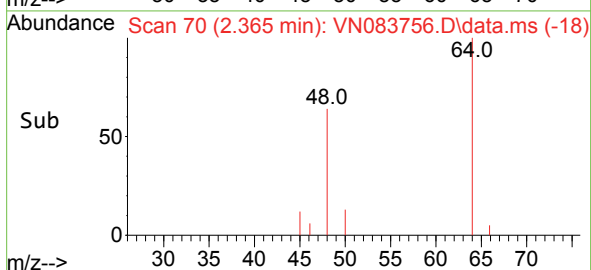
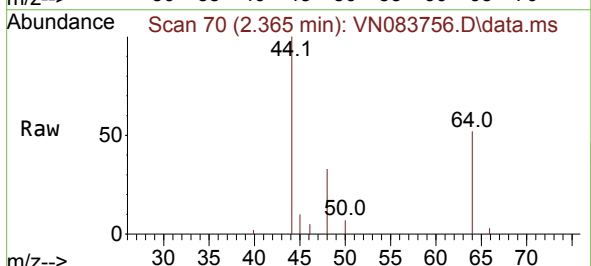


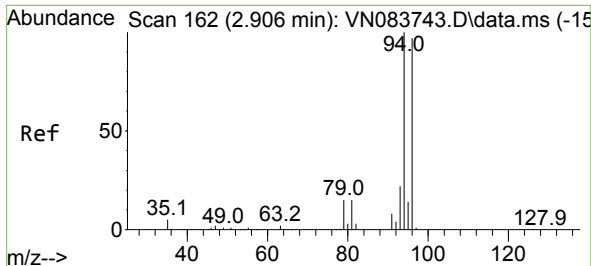
Tgt Ion:168 Resp: 107993  
Ion Ratio Lower Upper  
168 100  
99 68.6 54.2 81.2



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

Tgt Ion: 50 Resp: 1166  
Ion Ratio Lower Upper  
50 100  
52 0.0 27.2 40.8#

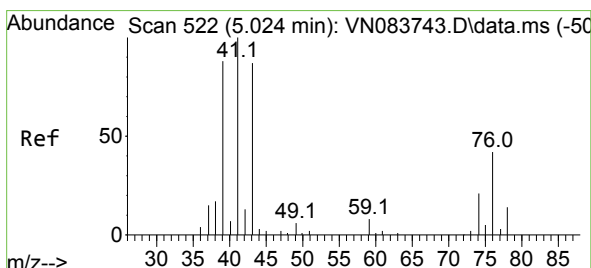
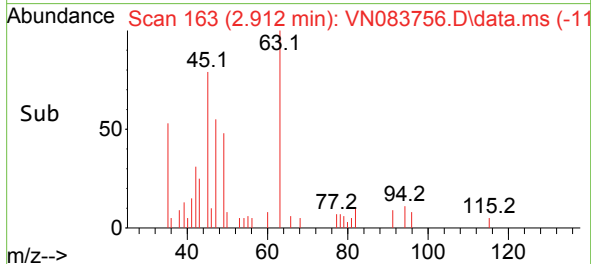
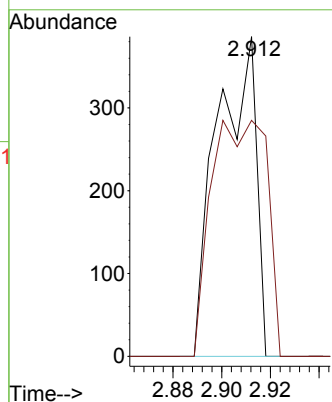
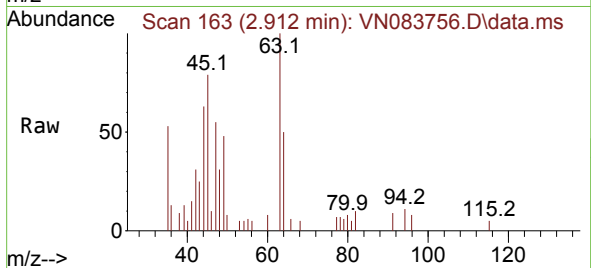




#5  
Bromomethane  
Concen: 0.541 ug/l  
RT: 2.912 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

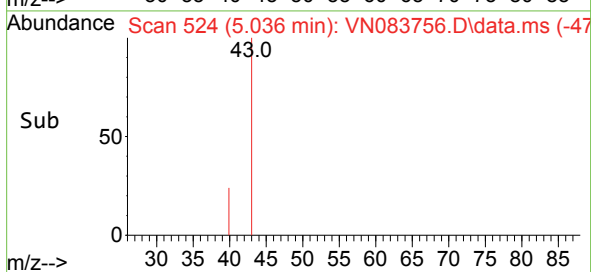
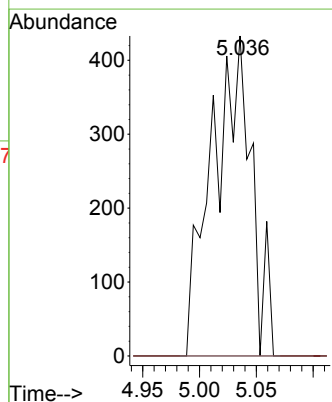
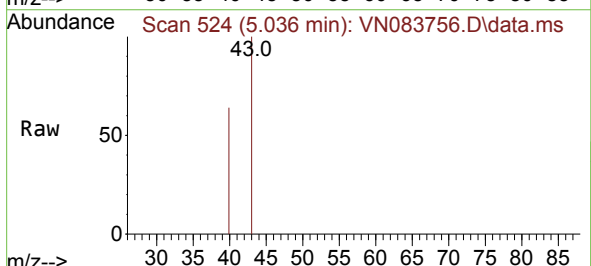
Instrument :  
MSVOA\_N  
ClientSampleId :

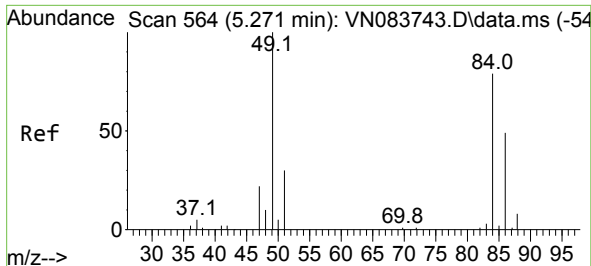
Tgt Ion: 94 Resp: 427  
Ion Ratio Lower Upper  
94 100  
96 73.8 76.0 114.0#



#18  
Methyl Acetate  
Concen: Below Cal  
RT: 5.036 min Scan# 524  
Delta R.T. 0.012 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

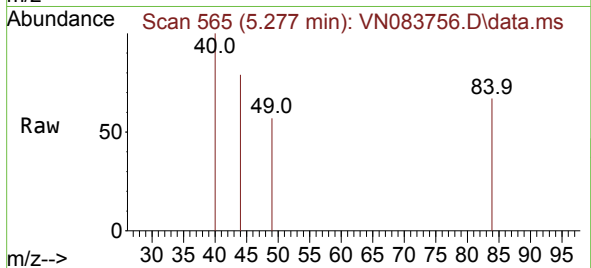
Tgt Ion: 43 Resp: 1043  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.0 28.4#



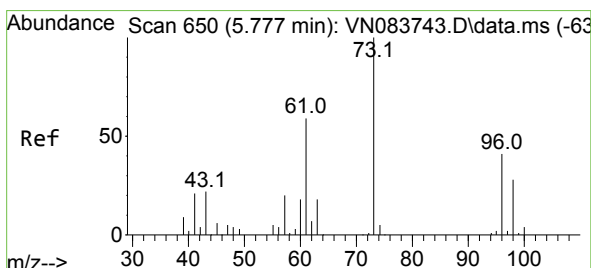
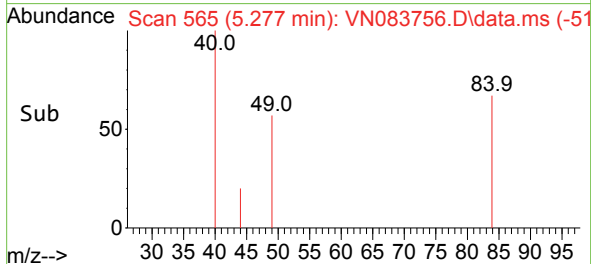
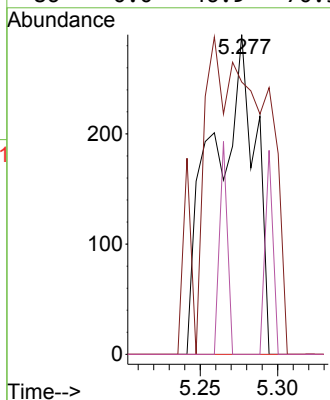


#20  
Methylene Chloride  
Concen: 0.415 ug/l  
RT: 5.277 min Scan# 511  
Delta R.T. 0.006 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :

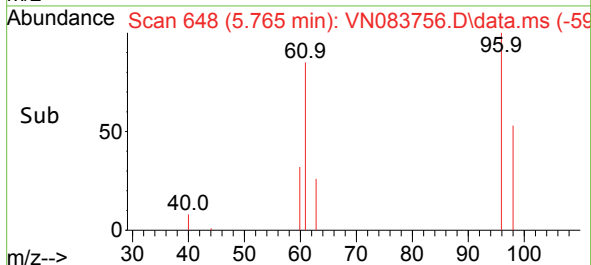
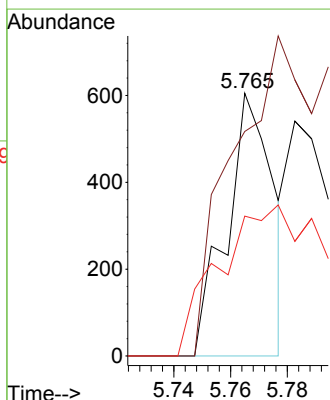
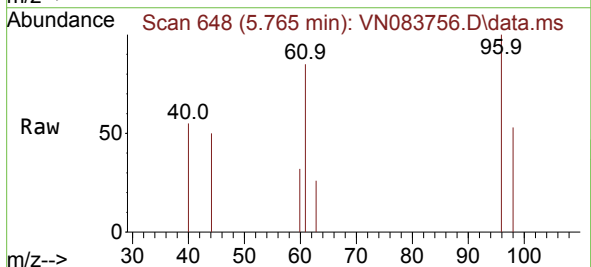


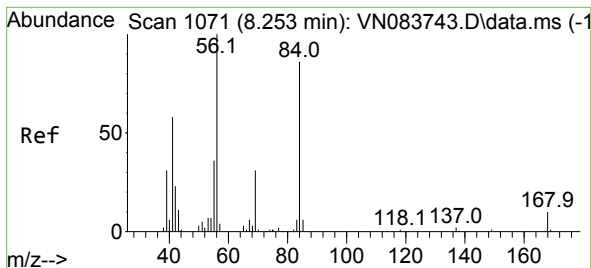
Tgt Ion: 84 Resp: 555  
Ion Ratio Lower Upper  
84 100  
49 85.2 93.4 140.0#  
51 0.0 29.2 43.8#  
86 0.0 46.9 70.3#



#21  
trans-1,2-Dichloroethene  
Concen: 0.550 ug/l  
RT: 5.765 min Scan# 648  
Delta R.T. -0.012 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

Tgt Ion: 96 Resp: 688  
Ion Ratio Lower Upper  
96 100  
61 85.5 106.0 159.0#  
98 53.2 52.2 78.2





#31

Cyclohexane

Concen: 1.200 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

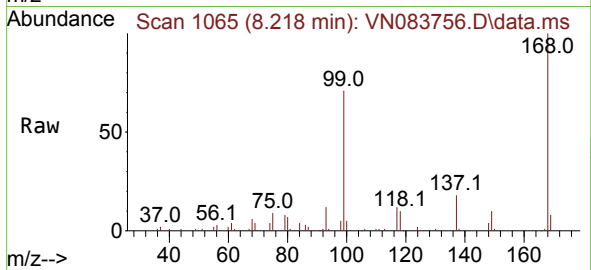
Lab File: VN083756.D

Acq: 10 Sep 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :



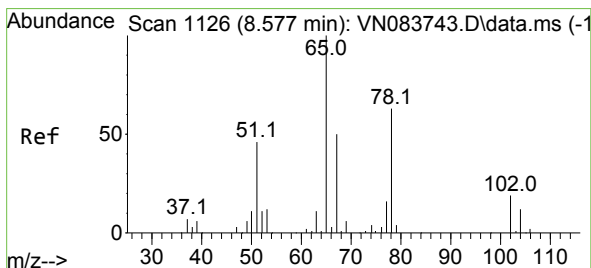
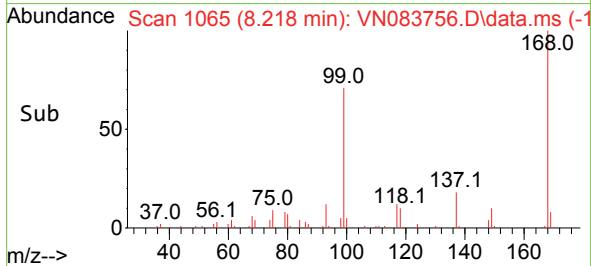
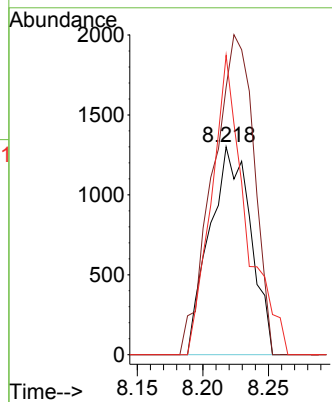
Tgt Ion: 56 Resp: 2823

Ion Ratio Lower Upper

56 100

69 128.7 26.9 40.3#

84 144.1 69.2 103.8#



#33

1,2-Dichloroethane-d4

Concen: 54.193 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083756.D

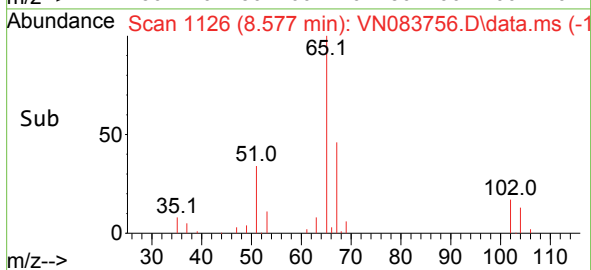
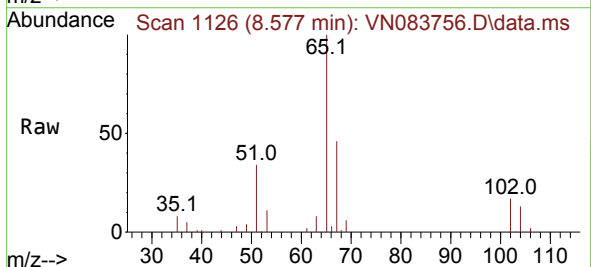
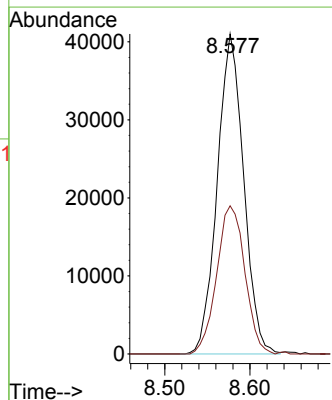
Acq: 10 Sep 2024 16:55

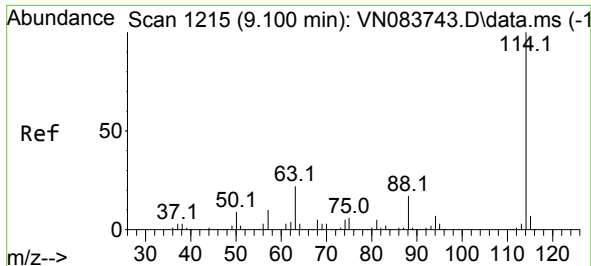
Tgt Ion: 65 Resp: 88247

Ion Ratio Lower Upper

65 100

67 49.3 0.0 100.8

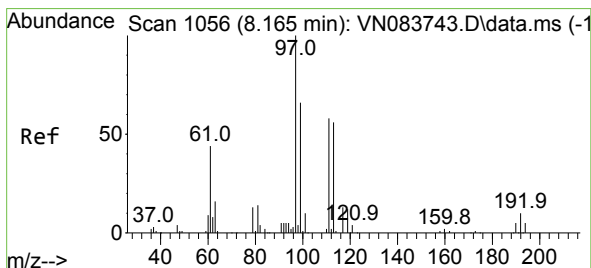
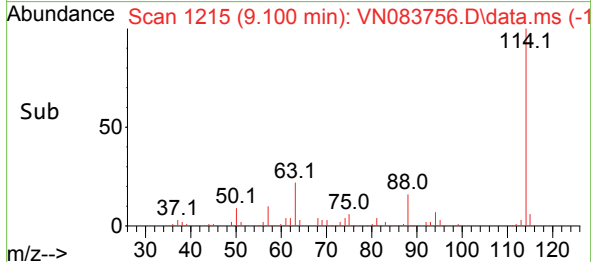
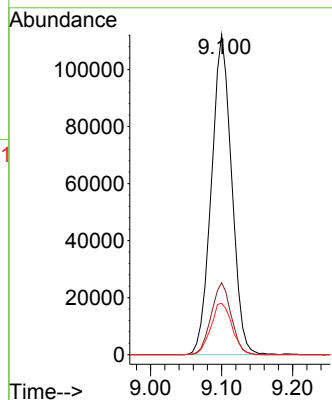
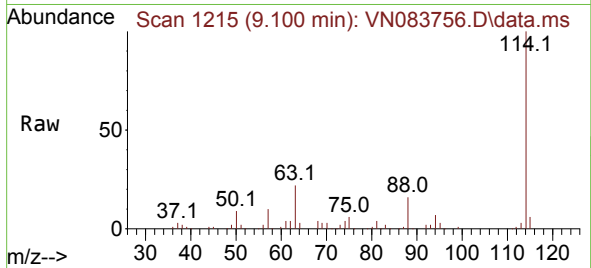




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

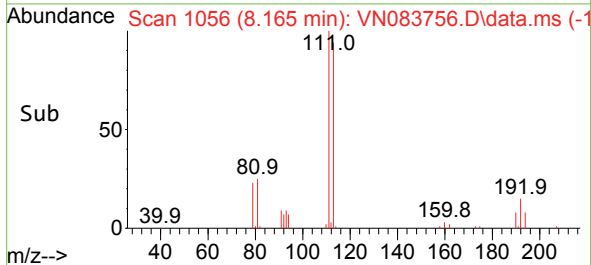
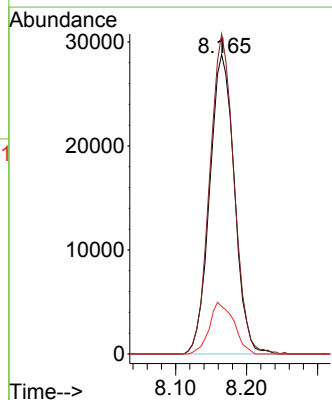
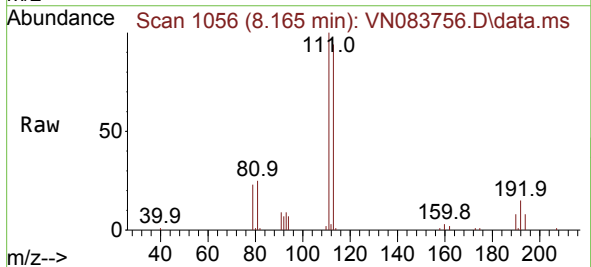
Instrument :  
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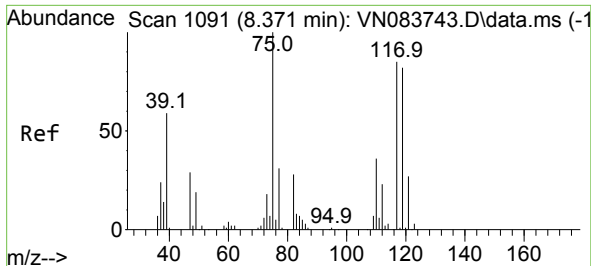
Tgt Ion:114 Resp: 221590  
Ion Ratio Lower Upper  
114 100  
63 22.5 0.0 43.4  
88 16.0 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 48.994 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

Tgt Ion:113 Resp: 69503  
Ion Ratio Lower Upper  
113 100  
111 105.2 82.6 124.0  
192 17.1 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.718 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

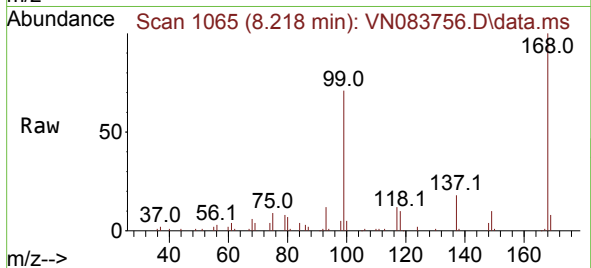
Lab File: VN083756.D

Acq: 10 Sep 2024 16:55

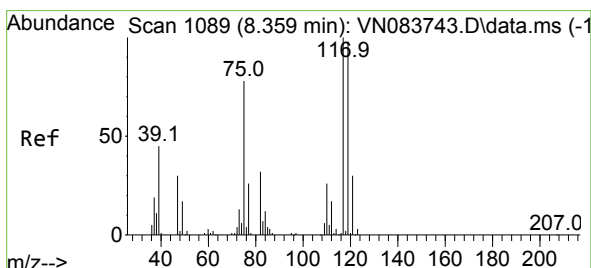
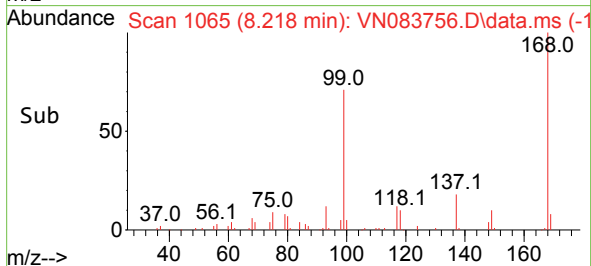
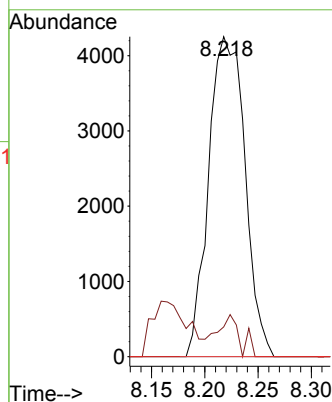
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 10074 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 8.4   | 16.7  | 50.1# |
| 77       | 0.0   | 25.2  | 37.8# |



#38

Carbon Tetrachloride

Concen: 5.563 ug/l

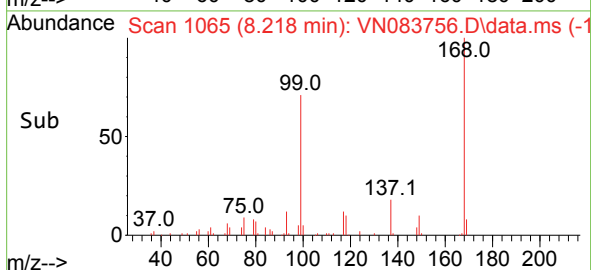
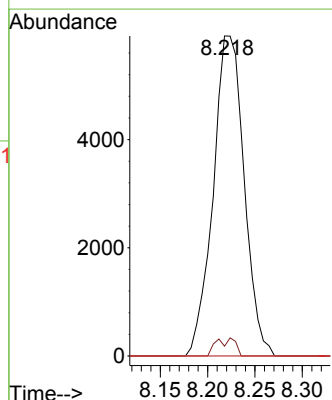
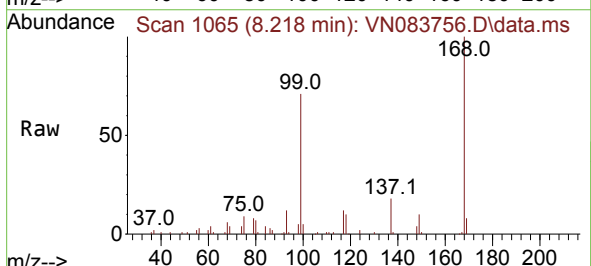
RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

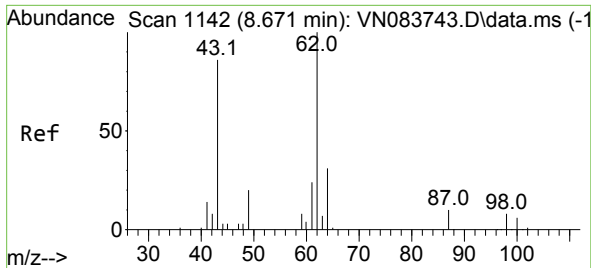
Lab File: VN083756.D

Acq: 10 Sep 2024 16:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 13476  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 3.1   | 76.1  | 114.1# |
| 121      | 0.0   | 24.1  | 36.1#  |



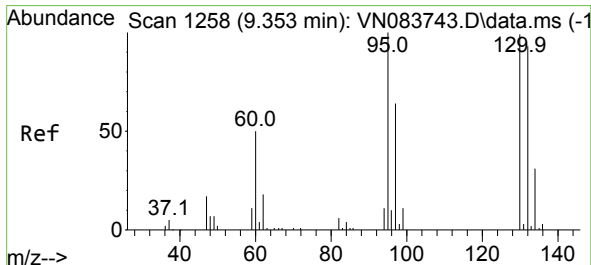
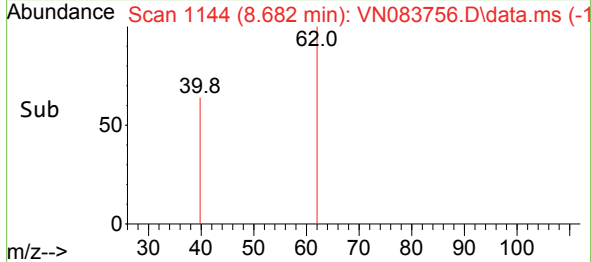
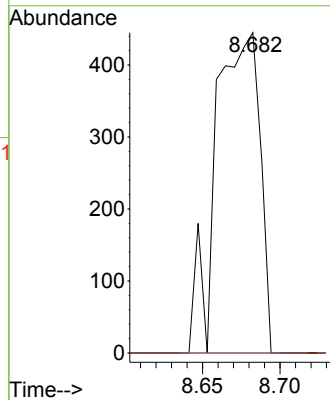
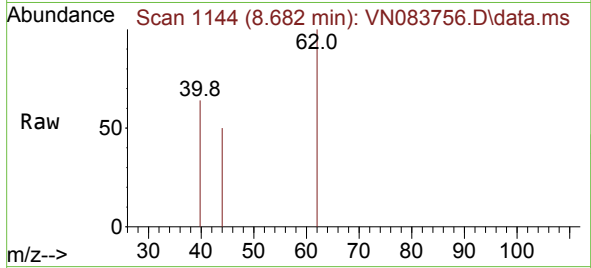




#42  
1,2-Dichloroethane  
Concen: 0.366 ug/l  
RT: 8.682 min Scan# 1144  
Delta R.T. 0.012 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

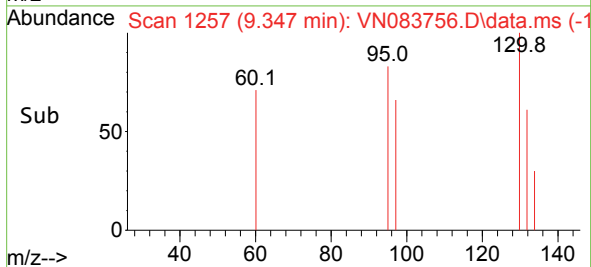
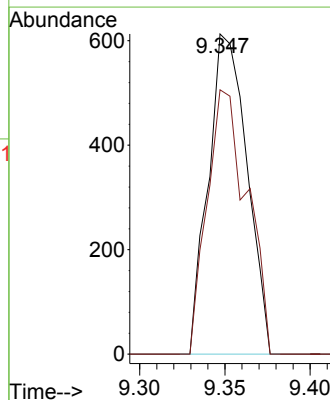
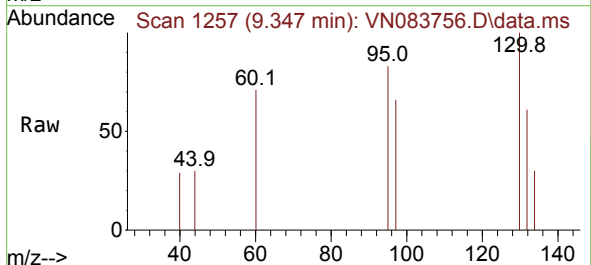
Instrument :  
MSVOA\_N  
ClientSampleId :

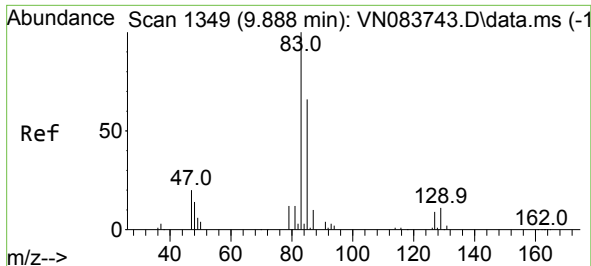
Tgt Ion: 62 Resp: 878  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 16.6



#44  
Trichloroethene  
Concen: 0.649 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. -0.006 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

Tgt Ion:130 Resp: 966  
Ion Ratio Lower Upper  
130 100  
95 82.5 0.0 200.4





#47

Bromodichloromethane

Concen: 0.241 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.000 min

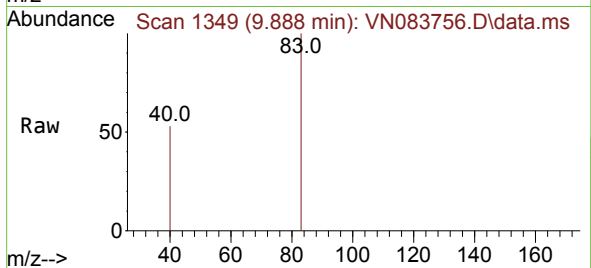
Lab File: VN083756.D

Acq: 10 Sep 2024 16:55

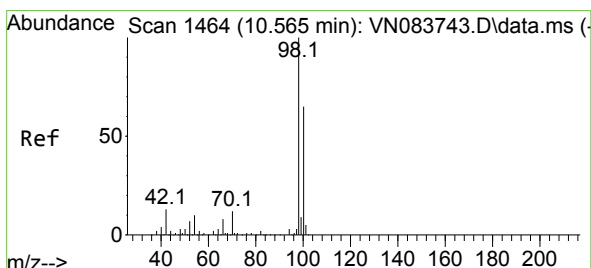
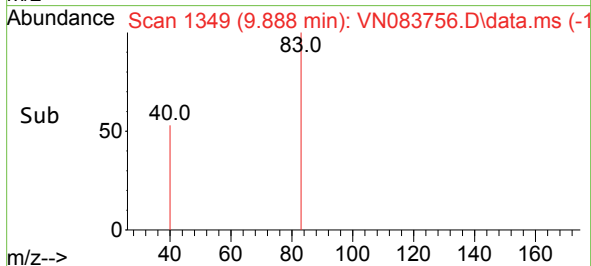
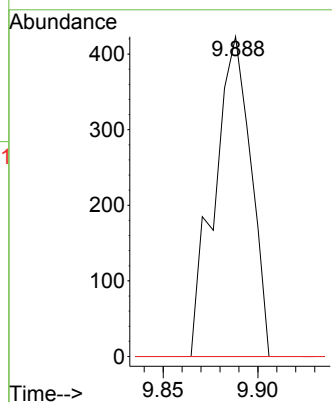
Instrument :

MSVOA\_N

ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 567      |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 85          | 0.0 51.8 77.8# |
| 127         | 0.0 6.6 9.8#   |



#50

Toluene-d8

Concen: 50.938 ug/l

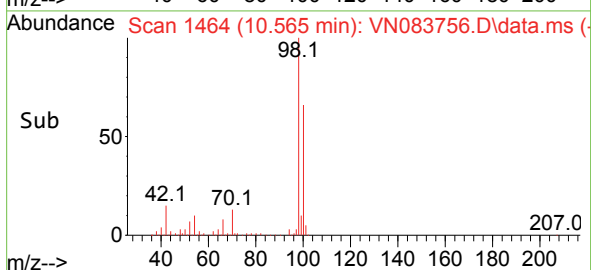
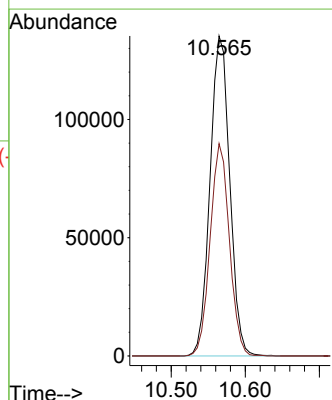
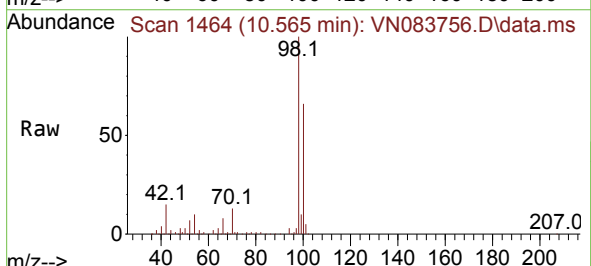
RT: 10.565 min Scan# 1464

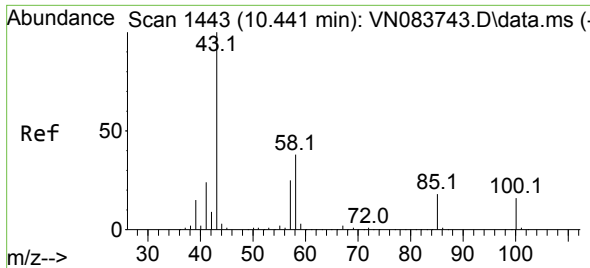
Delta R.T. -0.000 min

Lab File: VN083756.D

Acq: 10 Sep 2024 16:55

|             |                |
|-------------|----------------|
| Tgt Ion: 98 | Resp: 249806   |
| Ion Ratio   | Lower Upper    |
| 98          | 100            |
| 100         | 64.8 52.0 78.0 |

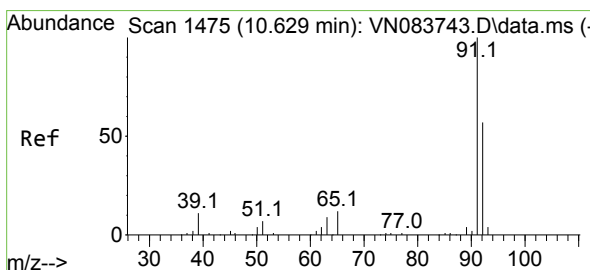
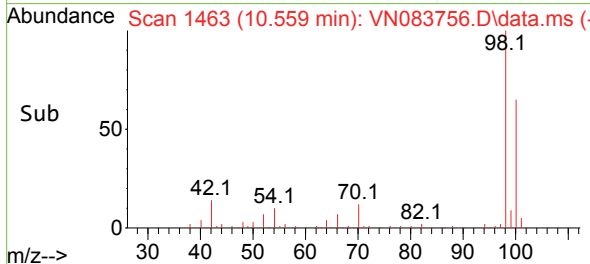
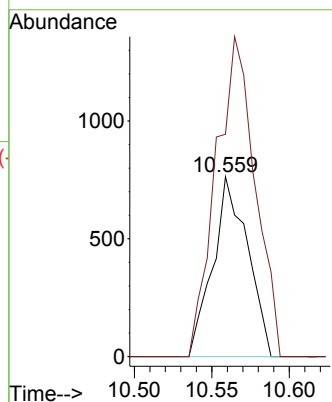
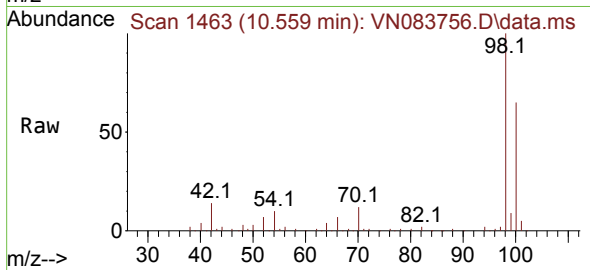




#51  
4-Methyl-2-Pentanone  
Concen: 0.623 ug/l  
RT: 10.559 min Scan# 1443  
Delta R.T. 0.118 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

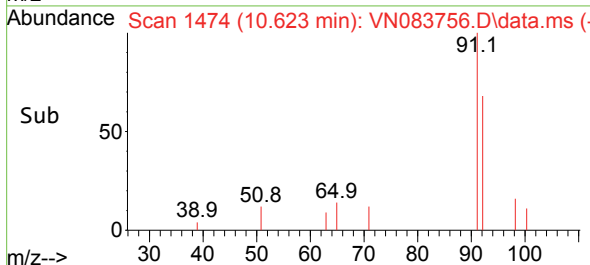
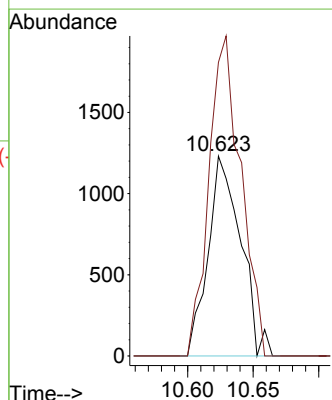
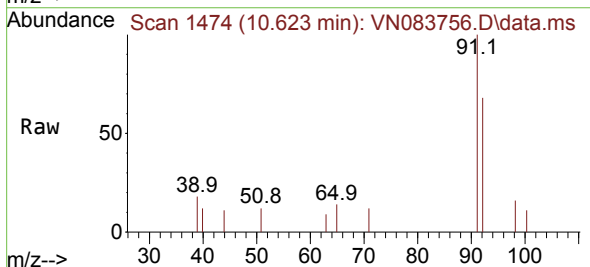
Instrument :  
MSVOA\_N  
ClientSampleId :

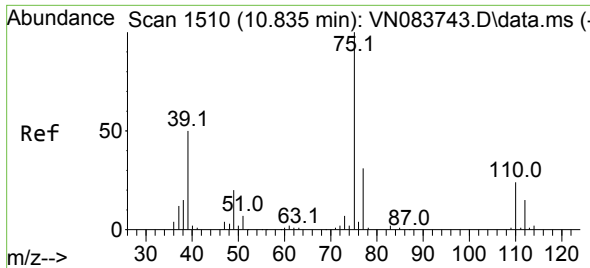
Tgt Ion: 43 Resp: 1191  
Ion Ratio Lower Upper  
43 100  
58 200.4 31.6 47.4#



#52  
Toluene  
Concen: 0.541 ug/l  
RT: 10.623 min Scan# 1474  
Delta R.T. -0.006 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

Tgt Ion: 92 Resp: 2126  
Ion Ratio Lower Upper  
92 100  
91 157.5 134.7 202.1

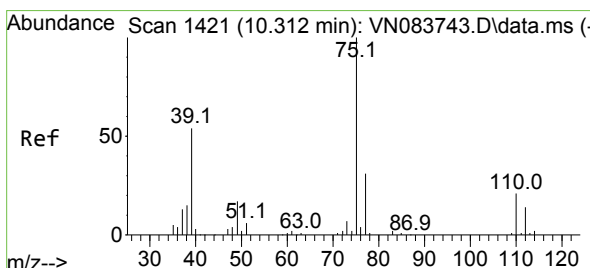
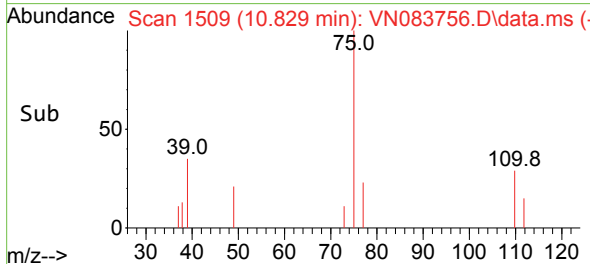
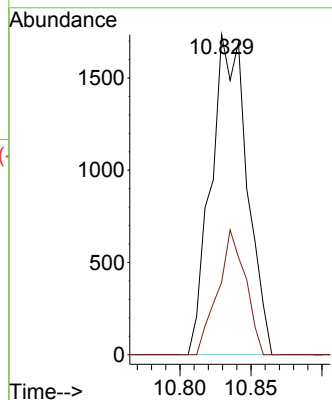
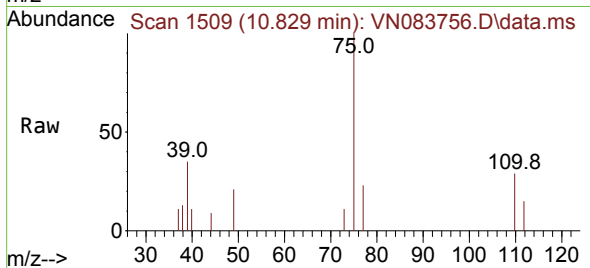




#53  
 t-1,3-Dichloropropene  
 Concen: 1.279 ug/l  
 RT: 10.829 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VN083756.D  
 Acq: 10 Sep 2024 16:55

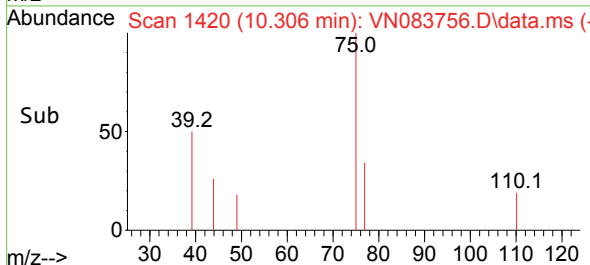
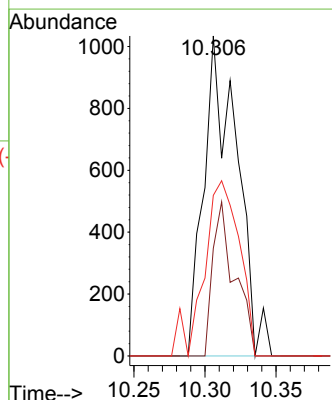
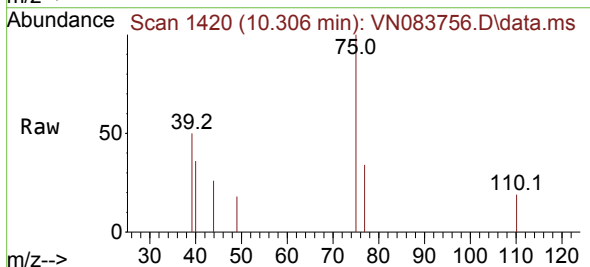
Instrument :  
 MSVOA\_N  
 ClientSampleId :

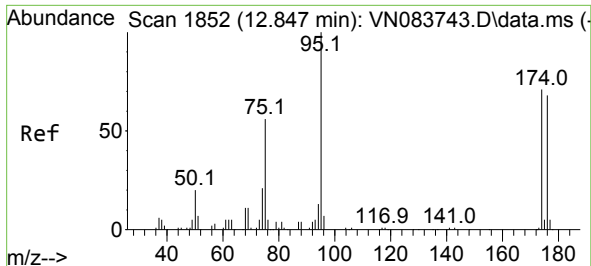
Tgt Ion: 75 Resp: 3052  
 Ion Ratio Lower Upper  
 75 100  
 77 22.7 25.8 38.6#



#54  
 cis-1,3-Dichloropropene  
 Concen: 0.667 ug/l  
 RT: 10.306 min Scan# 1420  
 Delta R.T. -0.006 min  
 Lab File: VN083756.D  
 Acq: 10 Sep 2024 16:55

Tgt Ion: 75 Resp: 1672  
 Ion Ratio Lower Upper  
 75 100  
 77 33.7 25.0 37.6  
 39 50.2 42.6 64.0

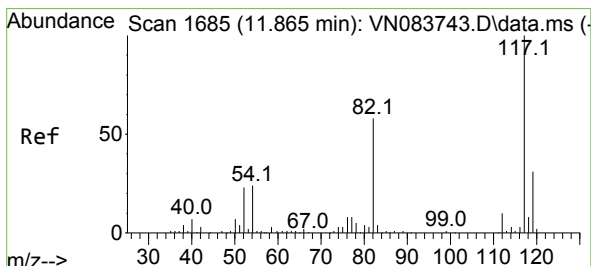
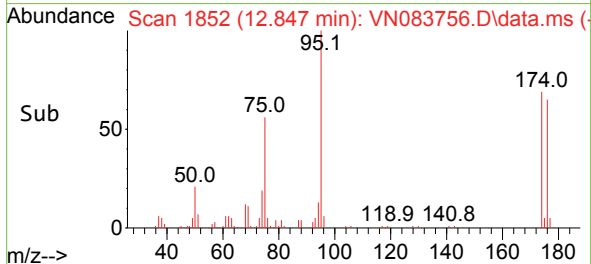
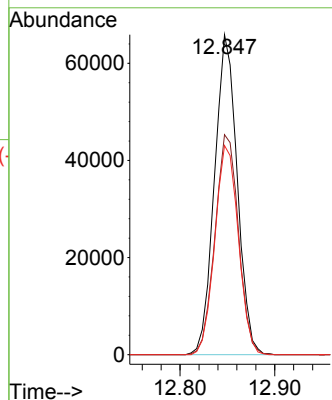
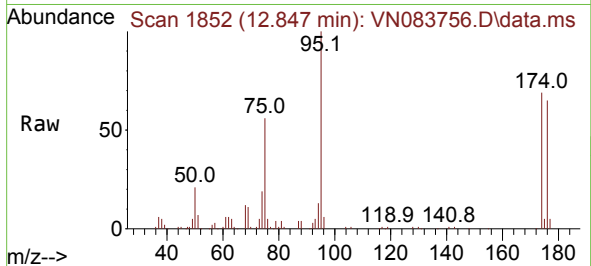




#62  
4-Bromofluorobenzene  
Concen: 54.275 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

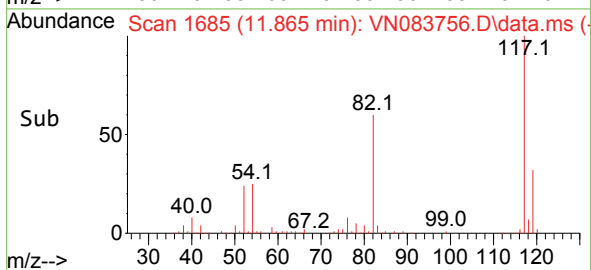
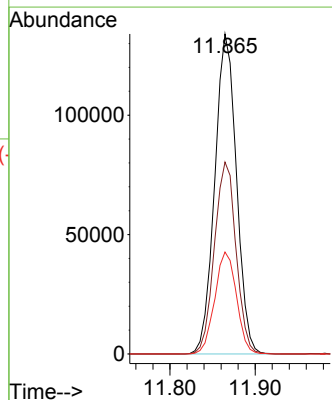
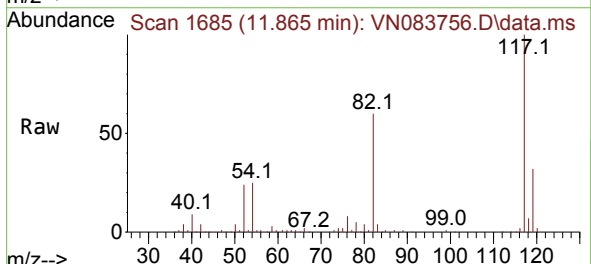
Instrument :  
MSVOA\_N  
ClientSampleId :

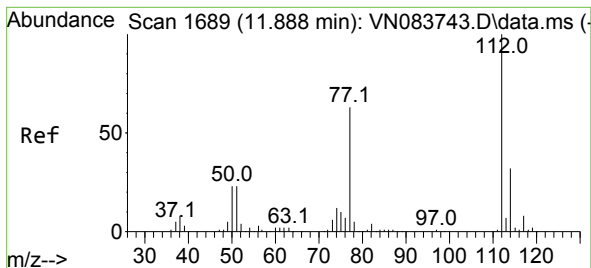
Tgt Ion: 95 Resp: 109816  
Ion Ratio Lower Upper  
95 100  
174 71.3 0.0 139.8  
176 67.6 0.0 131.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

Tgt Ion: 117 Resp: 237120  
Ion Ratio Lower Upper  
117 100  
82 60.0 47.4 71.0  
119 31.8 26.3 39.5





#65

Chlorobenzene

Concen: 0.602 ug/l

RT: 11.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083756.D

Acq: 10 Sep 2024 16:55

Instrument :

MSVOA\_N

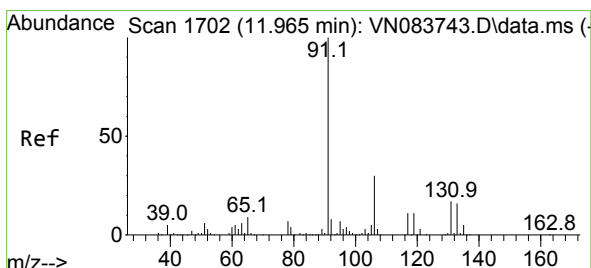
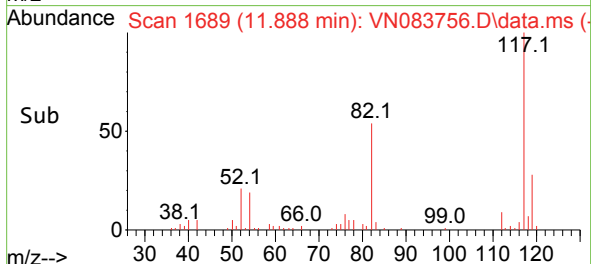
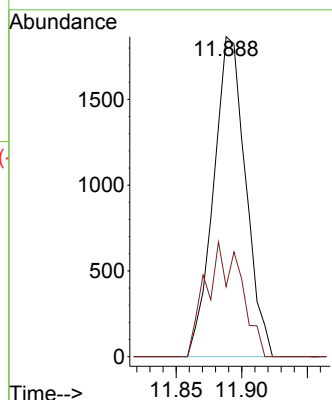
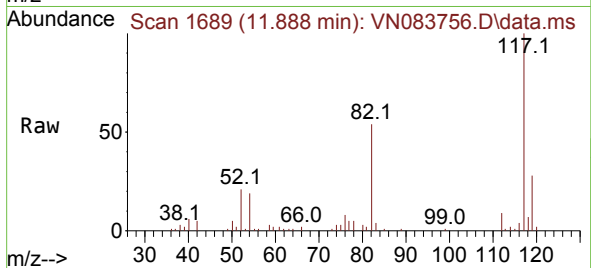
ClientSampleId :

Tgt Ion:112 Resp: 3171

Ion Ratio Lower Upper

112 100

114 21.9 25.7 38.5#



#67

Ethyl Benzene

Concen: 0.628 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN083756.D

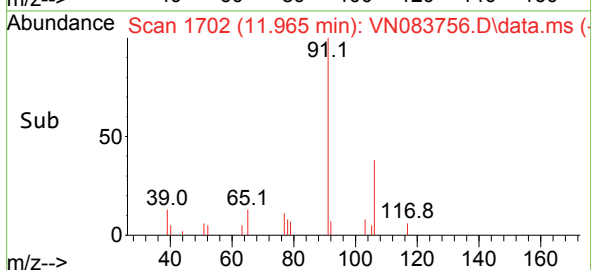
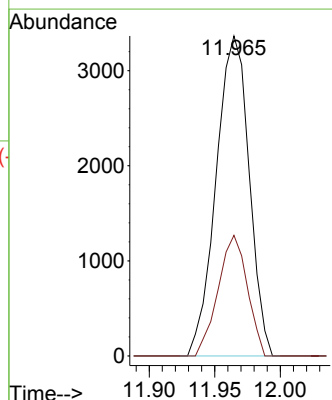
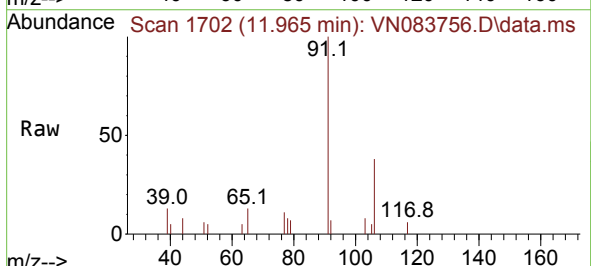
Acq: 10 Sep 2024 16:55

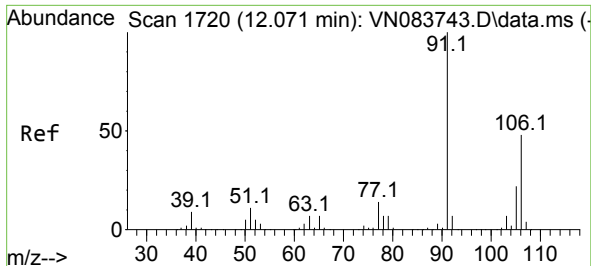
Tgt Ion: 91 Resp: 5884

Ion Ratio Lower Upper

91 100

106 37.7 24.3 36.5#

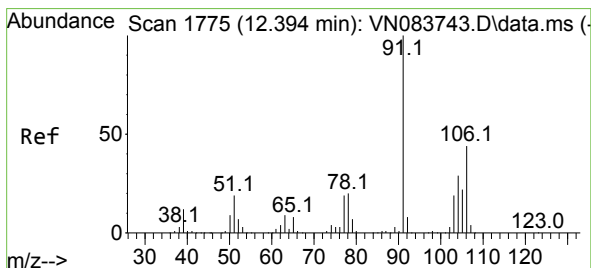
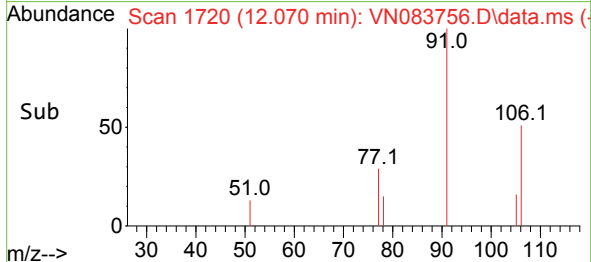
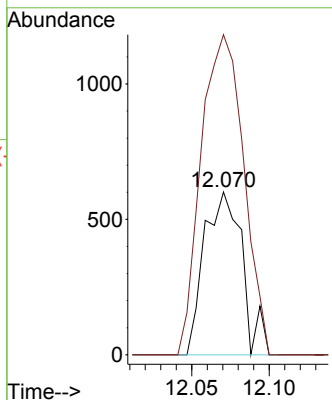
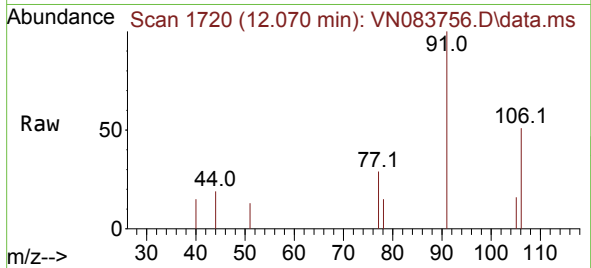




#68  
m/p-Xylenes  
Concen: 0.293 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

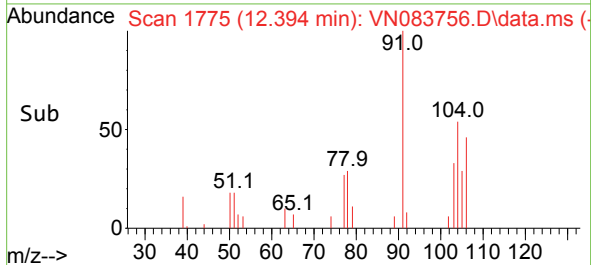
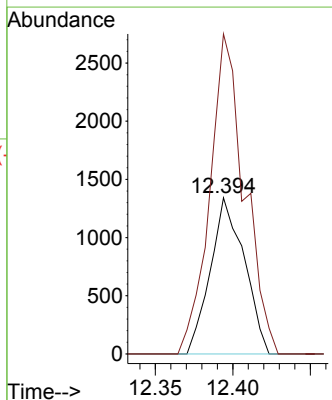
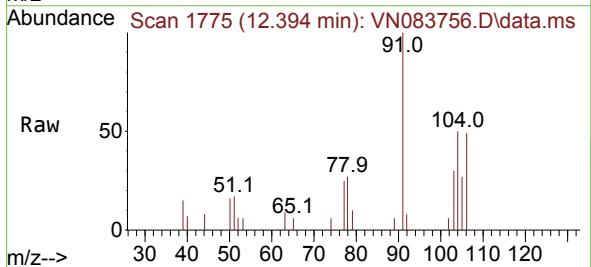
Instrument :  
MSVOA\_N  
ClientSampleId :

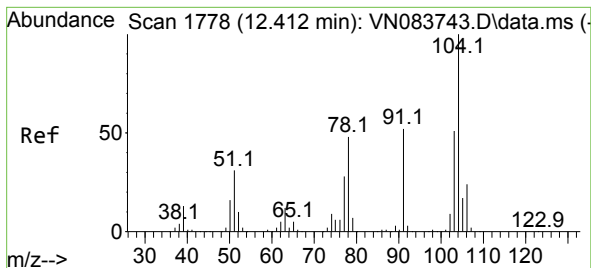
Tgt Ion:106 Resp: 1020  
Ion Ratio Lower Upper  
106 100  
91 221.5 169.2 253.8



#69  
o-Xylene  
Concen: 0.606 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

Tgt Ion:106 Resp: 2038  
Ion Ratio Lower Upper  
106 100  
91 210.2 112.9 338.6





#70

Styrene

Concen: 1.238 ug/l

RT: 12.406 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN083756.D

Acq: 10 Sep 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

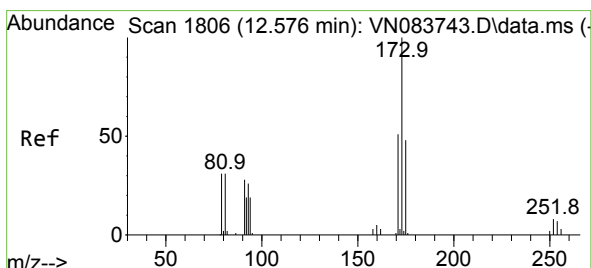
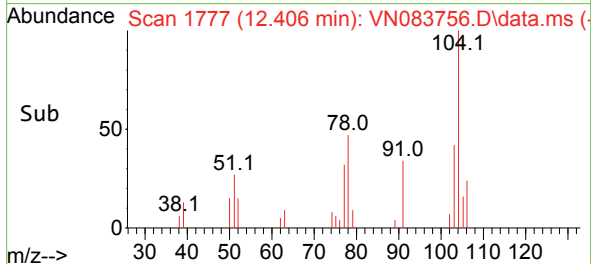
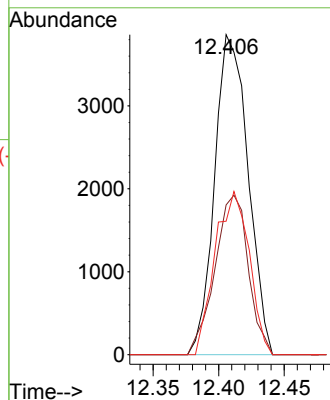
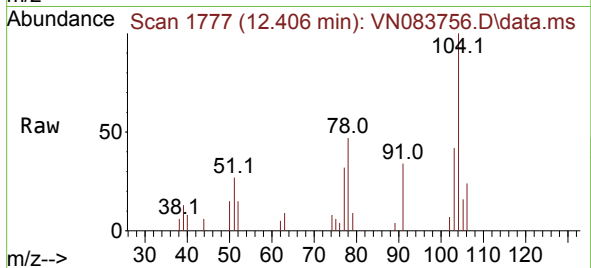
Tgt Ion:104 Resp: 6837

Ion Ratio Lower Upper

104 100

78 49.8 43.3 64.9

103 52.1 43.4 65.2



#71

Bromoform

Concen: 0.368 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN083756.D

Acq: 10 Sep 2024 16:55

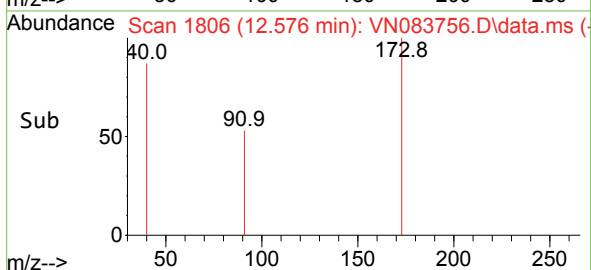
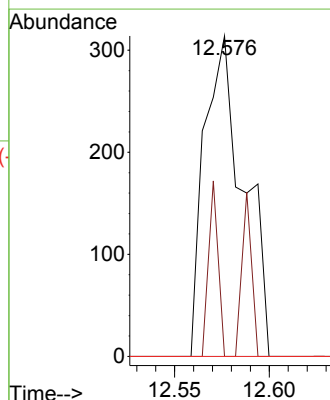
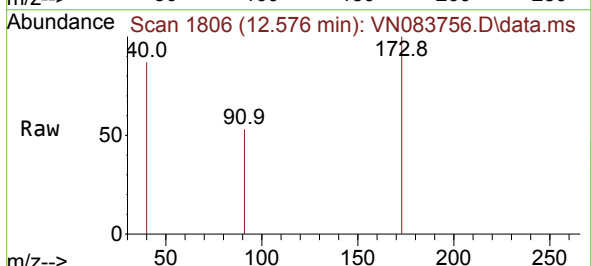
Tgt Ion:173 Resp: 453

Ion Ratio Lower Upper

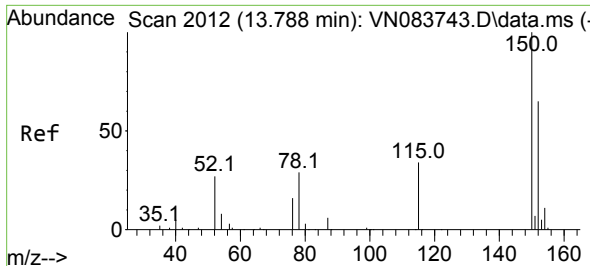
173 100

175 0.0 24.1 72.2#

254 0.0 0.0 0.0

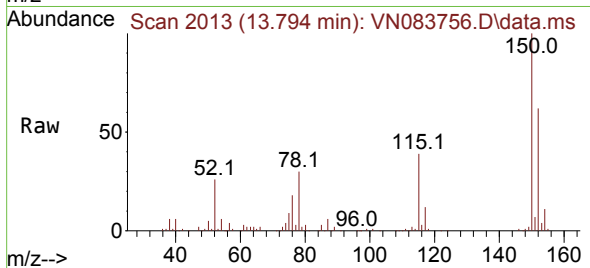




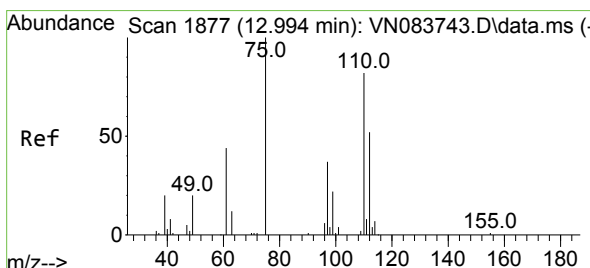
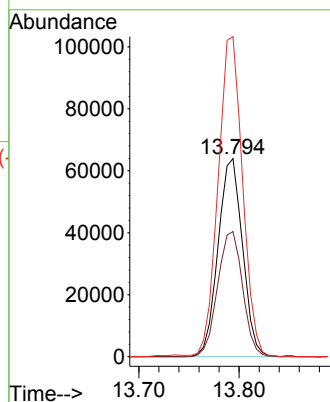
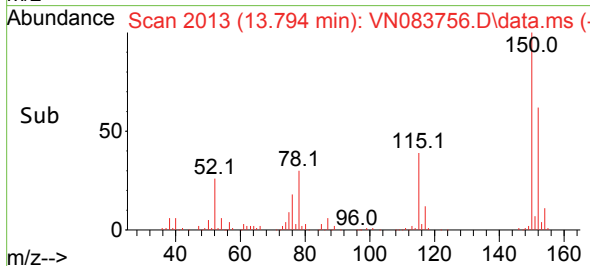


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 2012  
 Delta R.T. 0.006 min  
 Lab File: VN083756.D  
 Acq: 10 Sep 2024 16:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :

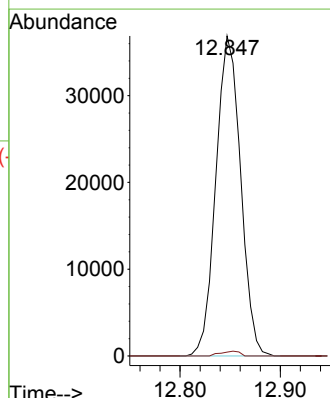
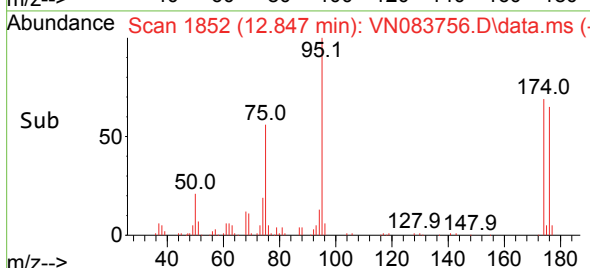
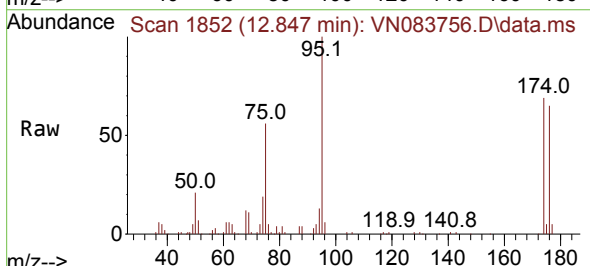


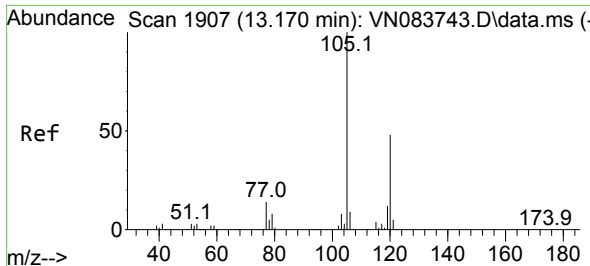
Tgt Ion:152 Resp: 108324  
 Ion Ratio Lower Upper  
 152 100  
 115 64.5 32.2 96.6  
 150 161.6 0.0 348.6



#76  
 1,2,3-Trichloropropane  
 Concen: 29.634 ug/l  
 RT: 12.847 min Scan# 1852  
 Delta R.T. -0.147 min  
 Lab File: VN083756.D  
 Acq: 10 Sep 2024 16:55

Tgt Ion: 75 Resp: 63175  
 Ion Ratio Lower Upper  
 75 100  
 77 1.1 95.2 285.6#

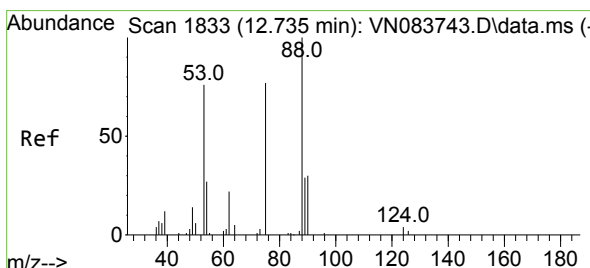
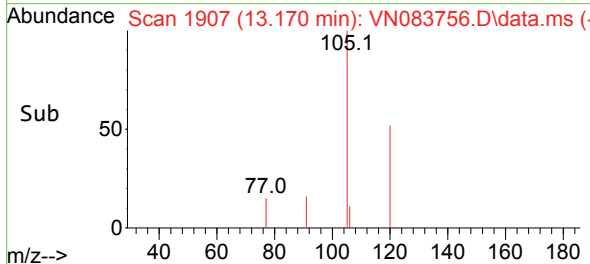
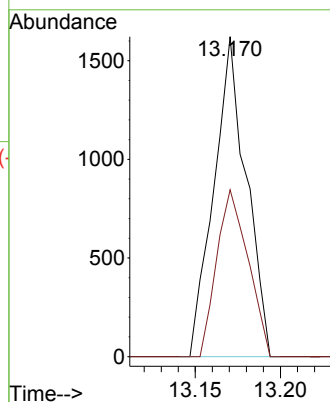
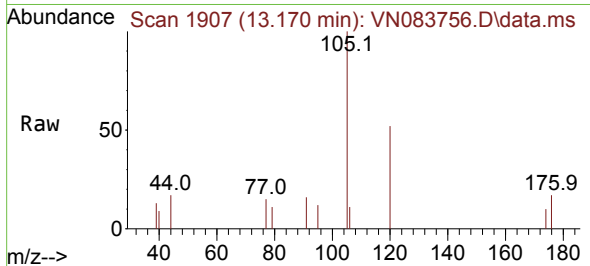




#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.304 ug/l  
 RT: 13.170 min Scan# 1907  
 Delta R.T. -0.000 min  
 Lab File: VN083756.D  
 Acq: 10 Sep 2024 16:55

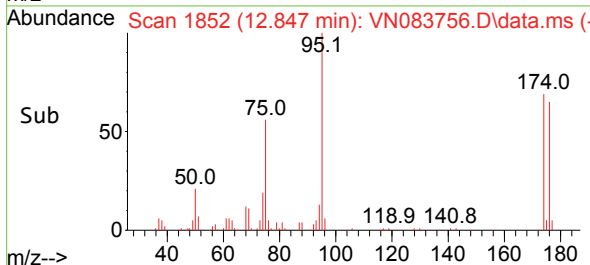
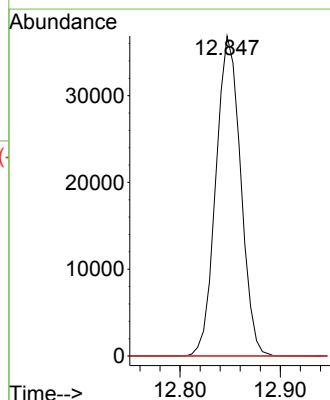
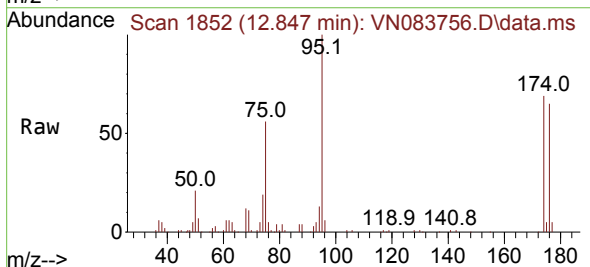
Instrument :  
 MSVOA\_N  
 ClientSampleId :

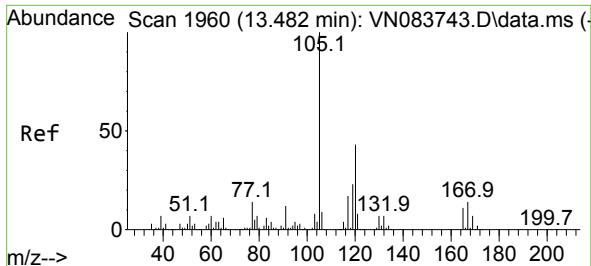
Tgt Ion:105 Resp: 2146  
 Ion Ratio Lower Upper  
 105 100  
 120 50.5 23.4 70.3



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 75.699 ug/l  
 RT: 12.847 min Scan# 1852  
 Delta R.T. 0.112 min  
 Lab File: VN083756.D  
 Acq: 10 Sep 2024 16:55

Tgt Ion: 75 Resp: 63175  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 81.2 121.8#  
 89 0.0 35.7 53.5#

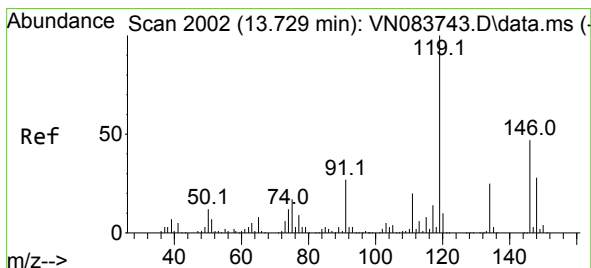
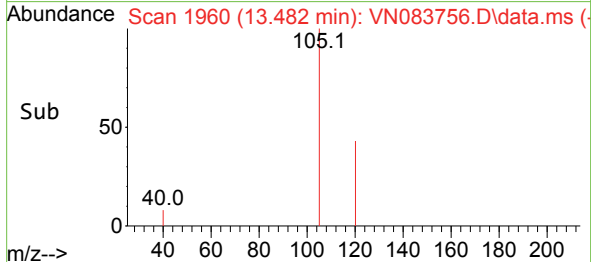
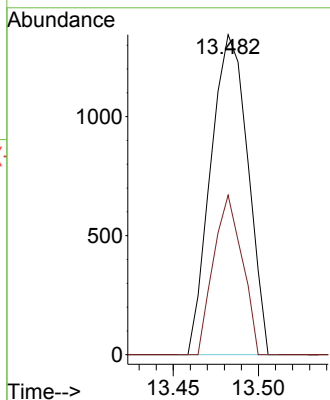
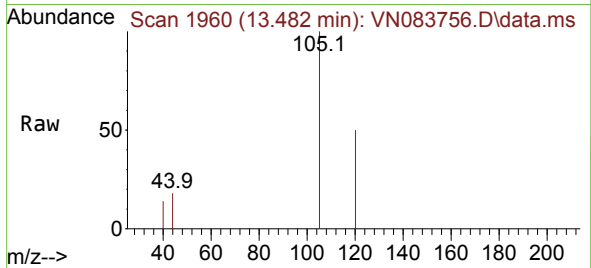




#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.287 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. -0.000 min  
 Lab File: VN083756.D  
 Acq: 10 Sep 2024 16:55

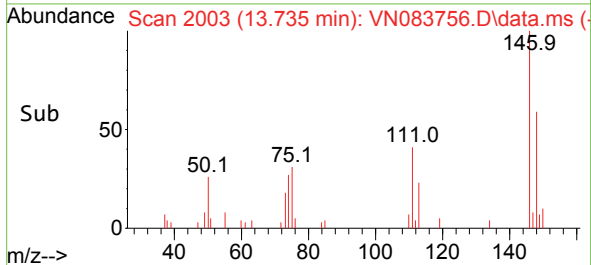
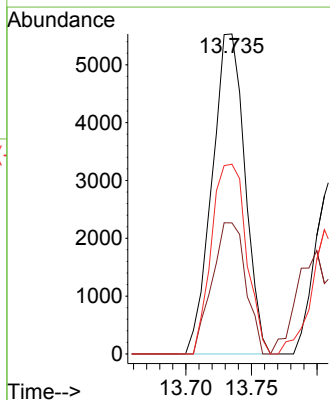
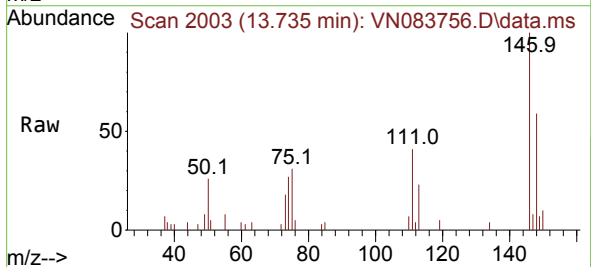
Instrument :  
 MSVOA\_N  
 ClientSampleId :

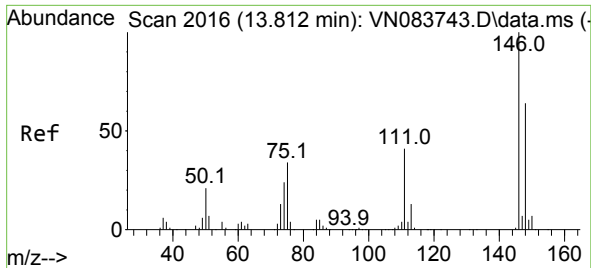
Tgt Ion:105 Resp: 2036  
 Ion Ratio Lower Upper  
 105 100  
 120 38.5 21.8 65.4



#87  
 1,3-Dichlorobenzene  
 Concen: 2.531 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.006 min  
 Lab File: VN083756.D  
 Acq: 10 Sep 2024 16:55

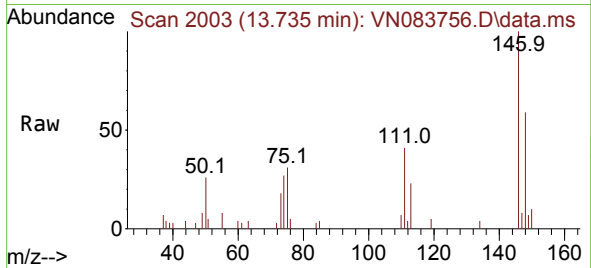
Tgt Ion:146 Resp: 9635  
 Ion Ratio Lower Upper  
 146 100  
 111 41.8 21.7 65.1  
 148 63.1 31.7 95.1



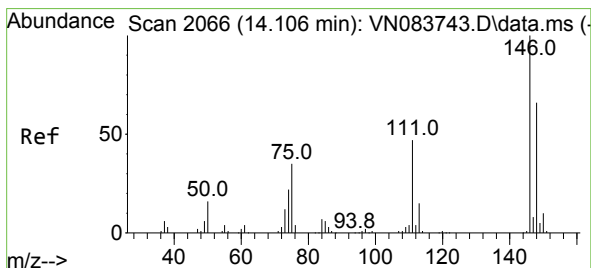
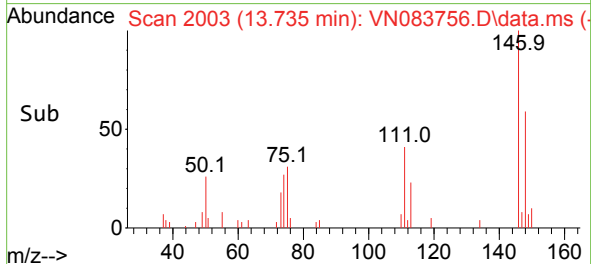
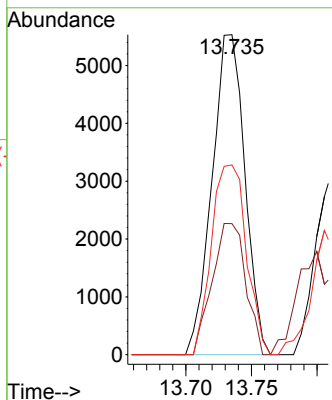


#88  
1,4-Dichlorobenzene  
Concen: 2.499 ug/l  
RT: 13.735 min Scan# 2016  
Delta R.T. -0.077 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

Instrument :  
MSVOA\_N  
ClientSampleId :

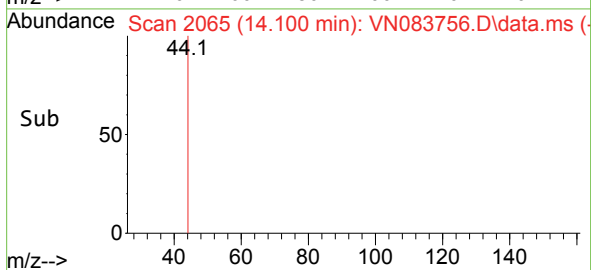
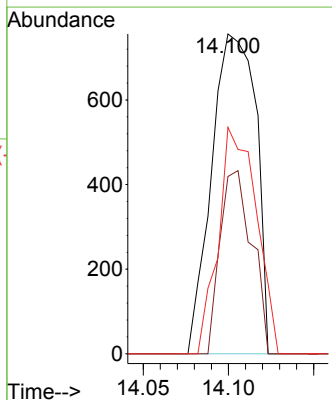
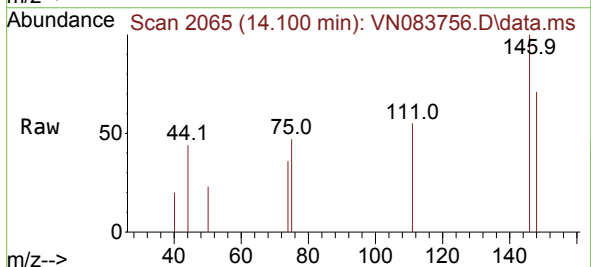


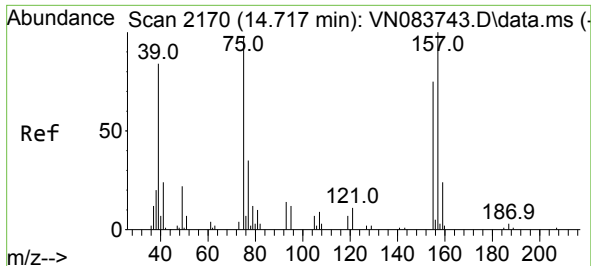
Tgt Ion:146 Resp: 9635  
Ion Ratio Lower Upper  
146 100  
111 41.8 21.3 64.0  
148 63.1 32.0 96.2



#91  
1,2-Dichlorobenzene  
Concen: 0.371 ug/l  
RT: 14.100 min Scan# 2065  
Delta R.T. -0.006 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

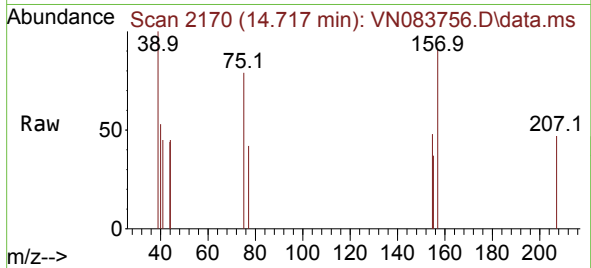
Tgt Ion:146 Resp: 1364  
Ion Ratio Lower Upper  
146 100  
111 41.3 22.8 68.3  
148 60.9 32.1 96.5



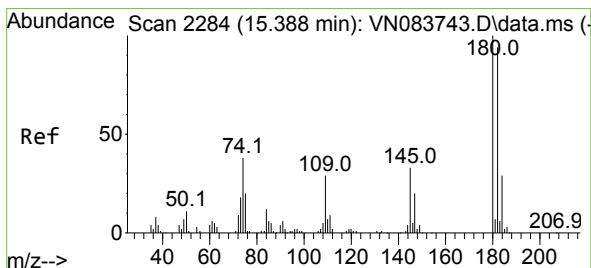
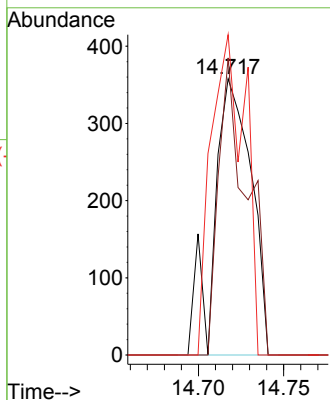
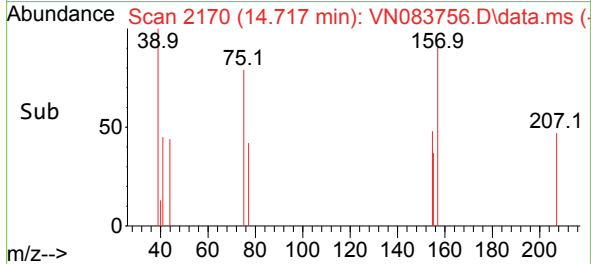


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 1.104 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55

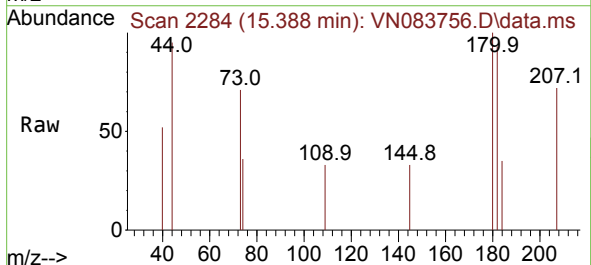
Instrument :  
MSVOA\_N  
ClientSampleId :



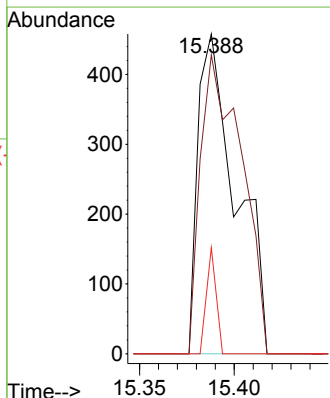
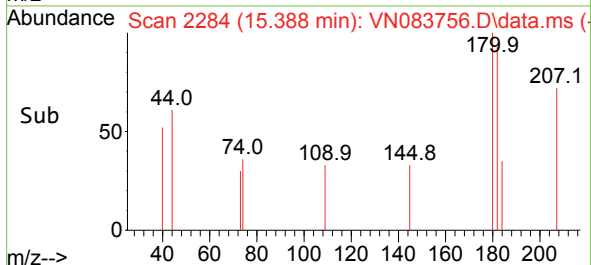
Tgt Ion: 75 Resp: 542  
Ion Ratio Lower Upper  
75 100  
155 82.1 35.9 107.7  
157 106.6 47.5 142.5

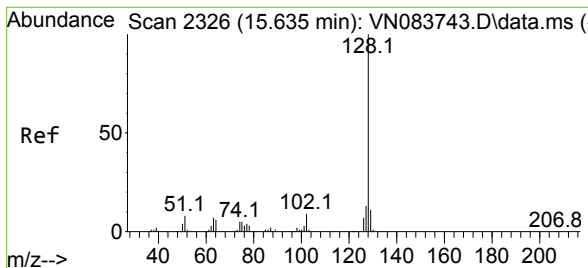


#93  
1,2,4-Trichlorobenzene  
Concen: 0.325 ug/l  
RT: 15.388 min Scan# 2284  
Delta R.T. -0.000 min  
Lab File: VN083756.D  
Acq: 10 Sep 2024 16:55



Tgt Ion: 180 Resp: 640  
Ion Ratio Lower Upper  
180 100  
182 100.6 48.1 144.3  
145 8.4 16.9 50.7#





#95

Naphthalene

Concen: 2.847 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083756.D

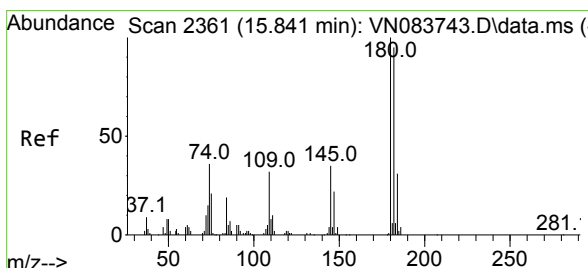
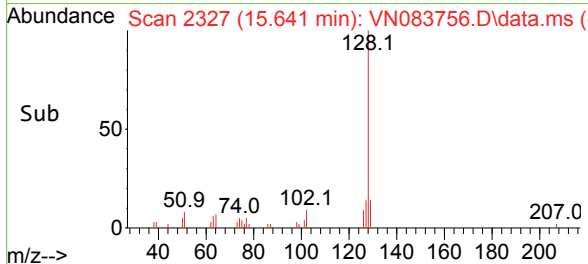
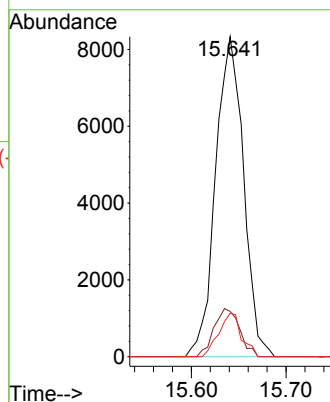
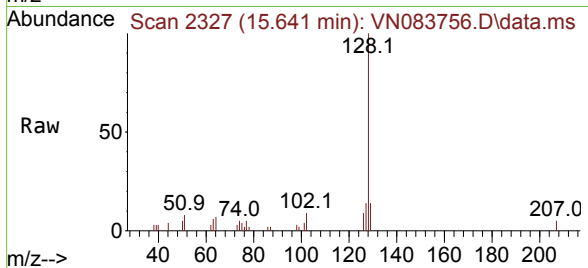
Acq: 10 Sep 2024 16:55

Instrument :

MSVOA\_N

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 17076     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 13.8  | 10.2 15.2 |
| 129         | 11.1  | 8.7 13.1  |



#96

1,2,3-Trichlorobenzene

Concen: 0.246 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN083756.D

Acq: 10 Sep 2024 16:55

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 463        |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 86.2  | 47.1 141.4 |
| 145         | 0.0   | 17.8 53.5# |

