

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090322\  
 Data File : VN074332.D  
 Acq On : 03 Sep 2022 21:24  
 Operator : JC\MD  
 Sample : N4355-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-31

Quant Time: Sep 05 05:40:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090222W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 03 04:35:33 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.016  | 168  | 316730   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.904  | 114  | 575960   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.680 | 117  | 552235   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.610 | 152  | 253076   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.375  | 65    | 225898   | 45.754   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 91.500%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 195983   | 51.350   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 102.700% |
| 50) Toluene-d8              | 10.381 | 98    | 675641   | 44.894   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 89.780%  |
| 62) 4-Bromofluorobenzene    | 12.669 | 95    | 251842   | 45.975   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 91.940%  |

|                               |        |     |         |           |        |    |
|-------------------------------|--------|-----|---------|-----------|--------|----|
| Target Compounds              |        |     |         | Qvalue    |        |    |
| 3) Chloromethane              | 2.263  | 50  | 49897   | 11.531    | ug/l # | 52 |
| 6) Chloroethane               | 2.693  | 64  | 578912  | 91.288    | ug/l # | 51 |
| 10) Methyl Iodide             | 4.381  | 142 | 232     | 5.127     | ug/l # | 83 |
| 11) Tert butyl alcohol        | 5.287  | 59  | 104488  | 116.651   | ug/l   | 99 |
| 13) Acrolein                  | 3.952  | 56  | 181     | 0.300     | ug/l # | 16 |
| 15) Acrylonitrile             | 5.522  | 53  | 23085   | 9.371     | ug/l # | 28 |
| 16) Acetone                   | 4.216  | 43  | 1816    | 0.880     | ug/l # | 71 |
| 17) Carbon Disulfide          | 4.463  | 76  | 14604   | 1.876     | ug/l # | 94 |
| 18) Methyl Acetate            | 4.787  | 43  | 1626    | 0.262     | ug/l # | 69 |
| 19) Methyl tert-butyl Ether   | 5.528  | 73  | 1850849 | 149.775   | ug/l   | 97 |
| 20) Methylene Chloride        | 5.016  | 84  | 615     | Below Cal | #      | 36 |
| 22) Diisopropyl ether         | 6.416  | 45  | 30077   | 2.555     | ug/l # | 86 |
| 23) Vinyl Acetate             | 6.416  | 43  | 18903   | 1.848     | ug/l # | 68 |
| 25) 2-Butanone                | 7.281  | 43  | 1501    | 0.431     | ug/l # | 45 |
| 31) Cyclohexane               | 8.022  | 56  | 19410   | 2.943     | ug/l # | 81 |
| 36) 1,1-Dichloropropene       | 8.016  | 75  | 27356   | 5.050     | ug/l # | 50 |
| 38) Carbon Tetrachloride      | 8.016  | 117 | 32513   | 5.941     | ug/l # | 16 |
| 40) Benzene                   | 8.392  | 78  | 373917  | 21.881    | ug/l   | 98 |
| 42) 1,2-Dichloroethane        | 8.392  | 62  | 4131    | 0.650     | ug/l   | 95 |
| 44) Trichloroethene           | 9.145  | 130 | 854     | 0.210     | ug/l   | 78 |
| 51) 4-Methyl-2-Pentanone      | 10.263 | 43  | 3114    | 0.432     | ug/l   | 92 |
| 52) Toluene                   | 10.445 | 92  | 14613   | 1.384     | ug/l   | 96 |
| 59) 2-Hexanone                | 11.022 | 43  | 1361    | 0.250     | ug/l   | 67 |
| 67) Ethyl Benzene             | 11.786 | 91  | 193248  | 8.684     | ug/l   | 92 |
| 68) m/p-Xylenes               | 11.898 | 106 | 113627  | 13.678    | ug/l   | 99 |
| 69) o-Xylene                  | 12.216 | 106 | 48528   | 5.853     | ug/l   | 97 |
| 70) Styrene                   | 12.222 | 104 | 3649    | 0.275     | ug/l # | 1  |
| 73) Isopropylbenzene          | 12.522 | 105 | 76424   | 3.449     | ug/l   | 97 |
| 76) 1,2,3-Trichloropropane    | 12.669 | 75  | 149327  | 20.834    | ug/l # | 1  |
| 78) n-propylbenzene           | 12.857 | 91  | 103889  | 4.101     | ug/l   | 95 |
| 79) 2-Chlorotoluene           | 12.957 | 91  | 5255    | 0.338     | ug/l # | 40 |
| 80) 1,3,5-Trimethylbenzene    | 12.998 | 105 | 23036   | 1.296     | ug/l   | 96 |
| 81) trans-1,4-Dichloro-2-b... | 12.669 | 75  | 149327  | 67.631    | ug/l # | 11 |
| 82) 4-Chlorotoluene           | 12.957 | 91  | 5255    | 0.360     | ug/l # | 40 |
| 84) 1,2,4-Trimethylbenzene    | 13.310 | 105 | 115757  | 6.431     | ug/l   | 99 |
| 85) sec-Butylbenzene          | 13.439 | 105 | 11258   | 0.500     | ug/l   | 79 |

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 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Quant Time: Sep 05 05:40:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090222W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 03 04:35:33 2022  
 Response via : Initial Calibration

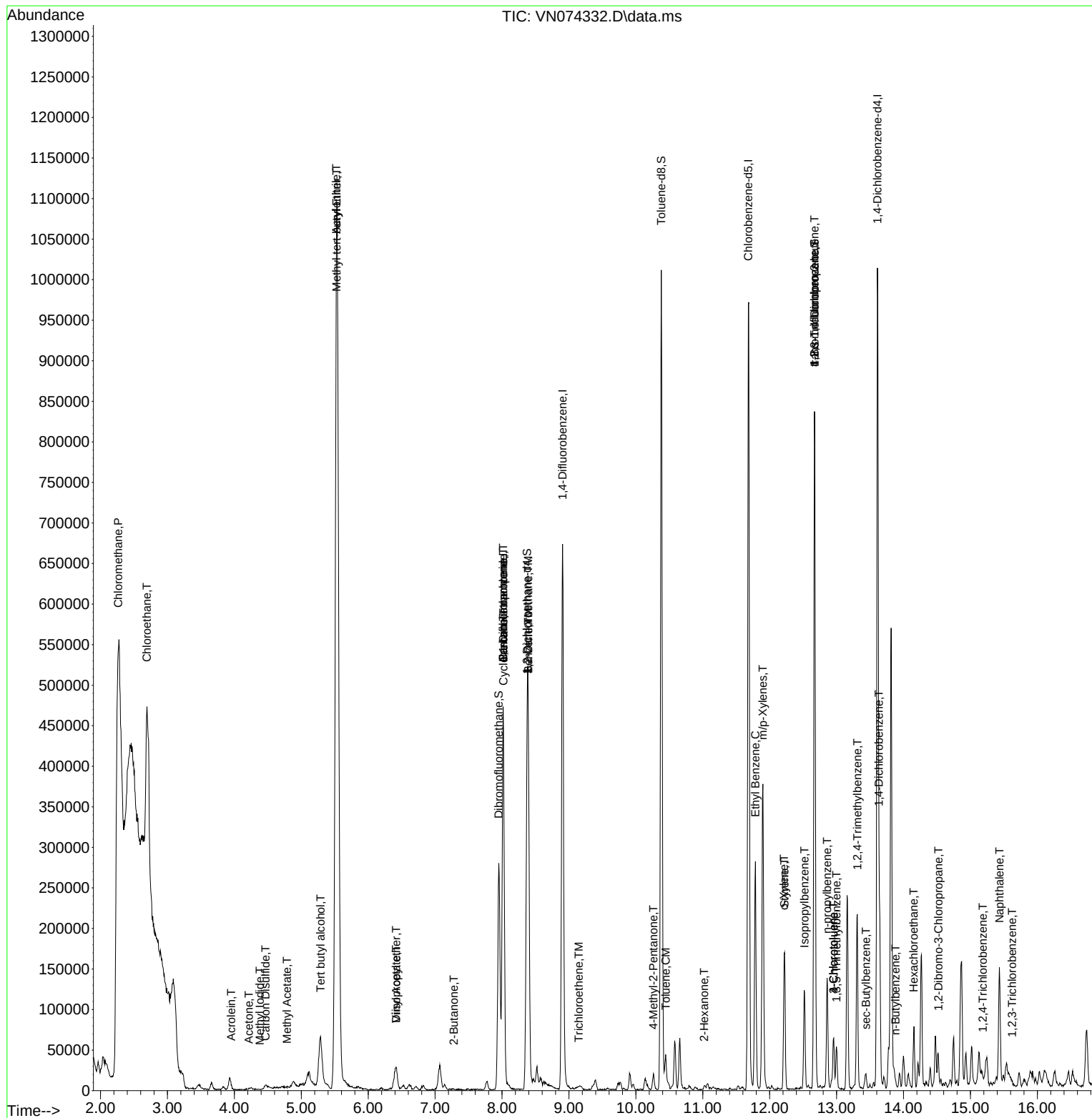
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 88) 1,4-Dichlorobenzene       | 13.633 | 146  | 1038     | 0.281 | ug/l # | 26       |
| 89) n-Butylbenzene            | 13.880 | 91   | 6291     | 0.411 | ug/l # | 75       |
| 90) Hexachloroethane          | 14.151 | 117  | 4130     | 1.210 | ug/l # | 9        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.521 | 75   | 369      | 0.207 | ug/l # | 16       |
| 93) 1,2,4-Trichlorobenzene    | 15.186 | 180  | 808      | 1.024 | ug/l # | 7        |
| 95) Naphthalene               | 15.433 | 128  | 125244   | 7.497 | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.621 | 180  | 632      | 0.544 | ug/l # | 50       |
| -----                         |        |      |          |       |        |          |

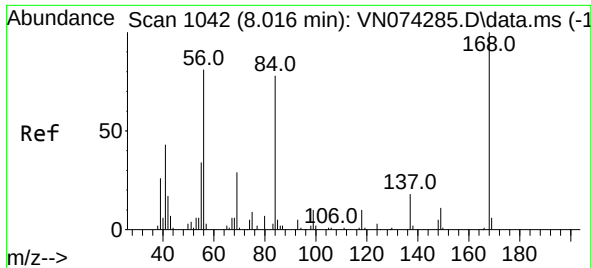
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Sat Sep 03 04:35:33 2022  
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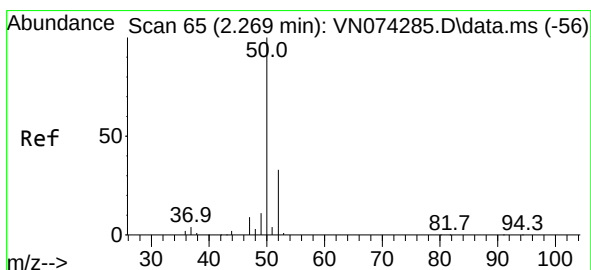
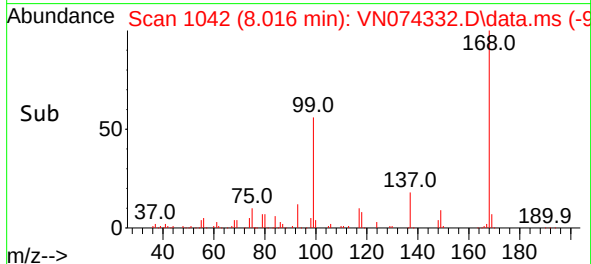
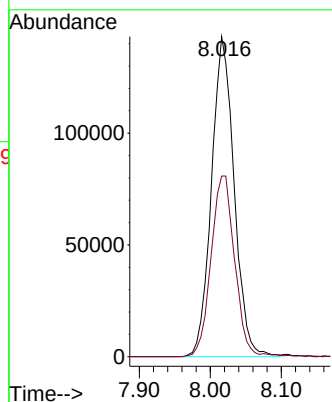
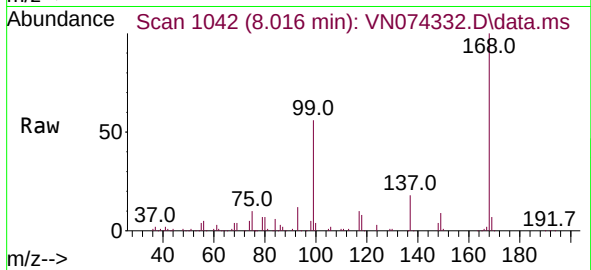




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

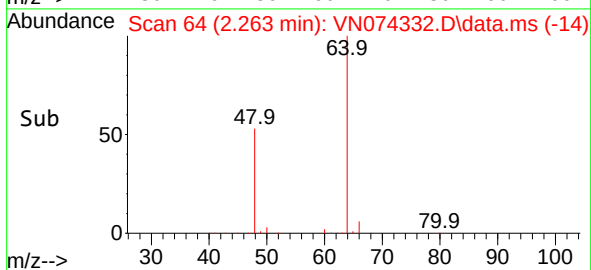
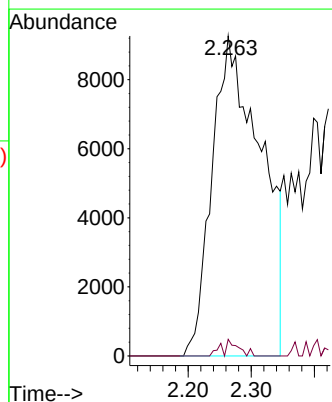
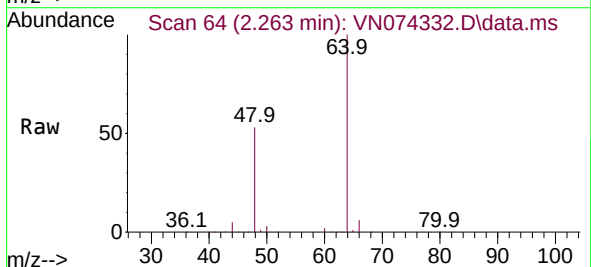
Instrument :  
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MW-31

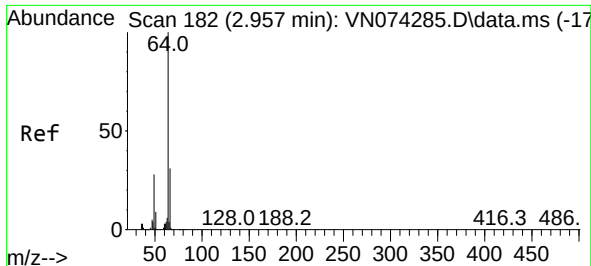
Tgt Ion:168 Resp: 316730  
Ion Ratio Lower Upper  
168 100  
99 56.4 42.3 63.5



#3  
Chloromethane  
Concen: 11.531 ug/l  
RT: 2.263 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

Tgt Ion: 50 Resp: 49897  
Ion Ratio Lower Upper  
50 100  
52 5.2 25.7 38.5#

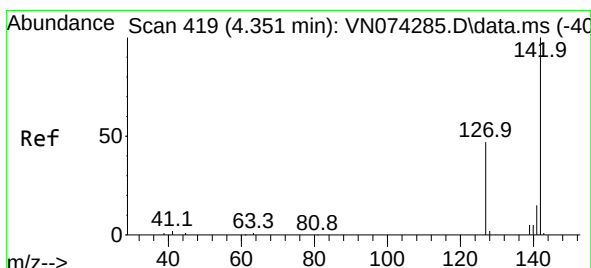
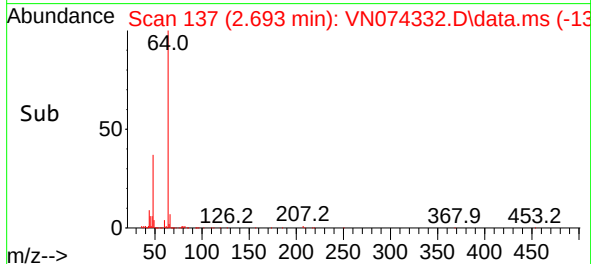
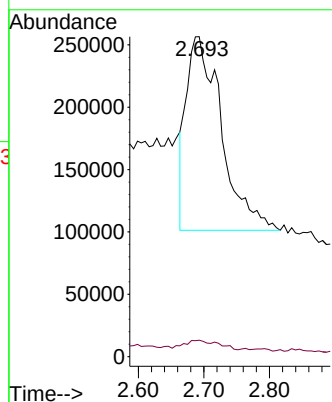
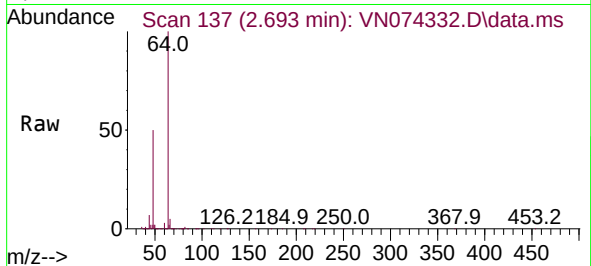




#6  
Chloroethane  
Concen: 91.288 ug/l  
RT: 2.693 min Scan# 11  
Delta R.T. -0.258 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

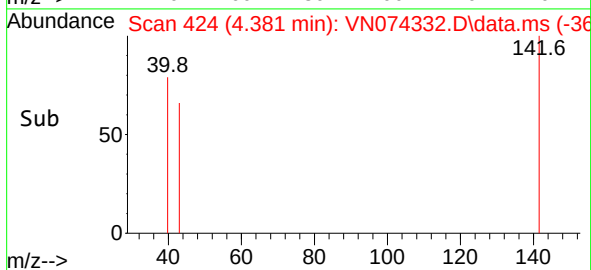
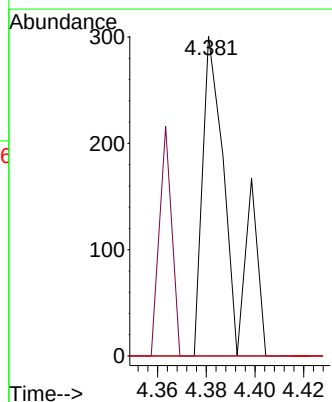
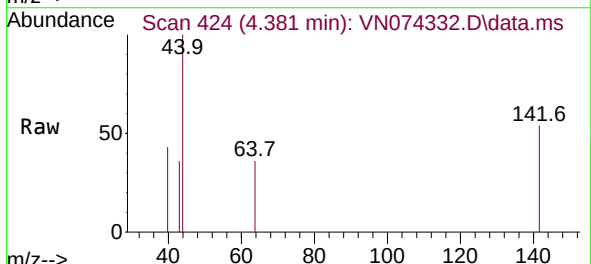
Instrument :  
MSVOA\_N  
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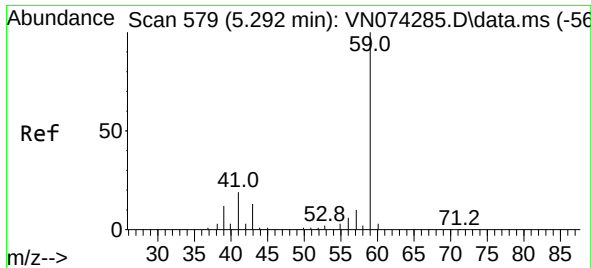
Tgt Ion: 64 Resp: 578912  
Ion Ratio Lower Upper  
64 100  
66 4.9 26.2 39.4#



#10  
Methyl Iodide  
Concen: 5.127 ug/l  
RT: 4.381 min Scan# 424  
Delta R.T. 0.035 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

Tgt Ion: 142 Resp: 232  
Ion Ratio Lower Upper  
142 100  
127 32.8 31.3 46.9  
141 0.0 11.2 16.8#

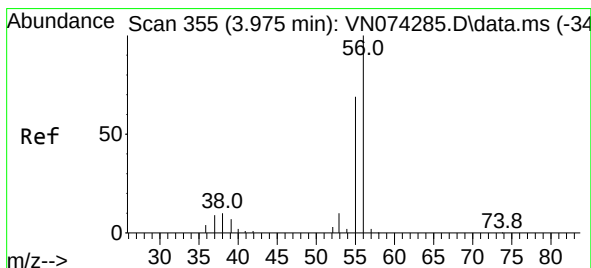
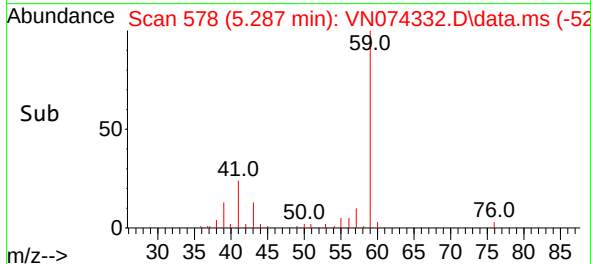
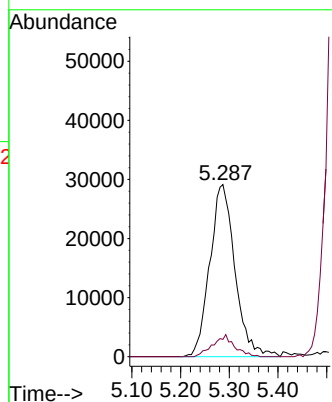
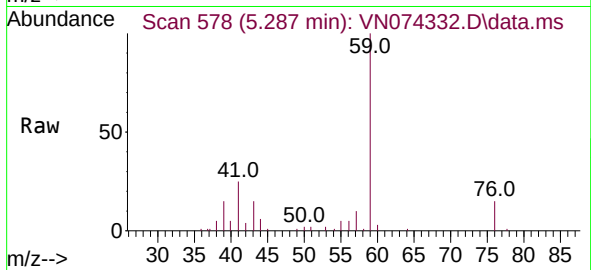




#11  
Tert butyl alcohol  
Concen: 116.651 ug/l  
RT: 5.287 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

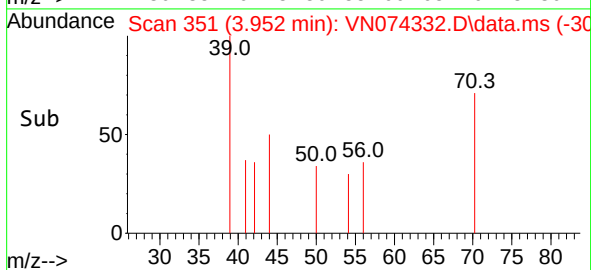
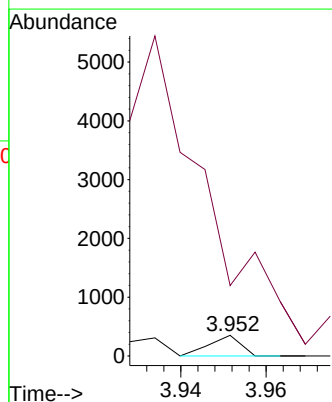
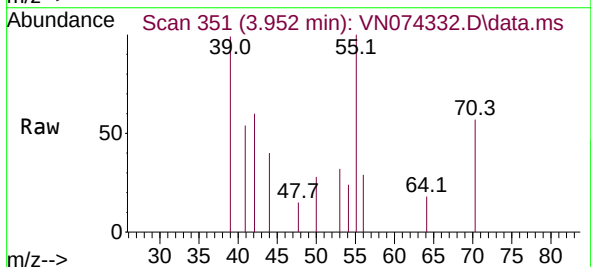
Instrument :  
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ClientSampleId :  
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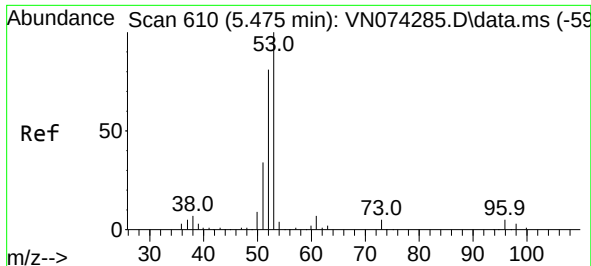
Tgt Ion: 59 Resp: 104488  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.3 12.5



#13  
Acrolein  
Concen: 0.300 ug/l  
RT: 3.952 min Scan# 351  
Delta R.T. -0.023 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

Tgt Ion: 56 Resp: 181  
Ion Ratio Lower Upper  
56 100  
55 0.0 54.8 82.2#

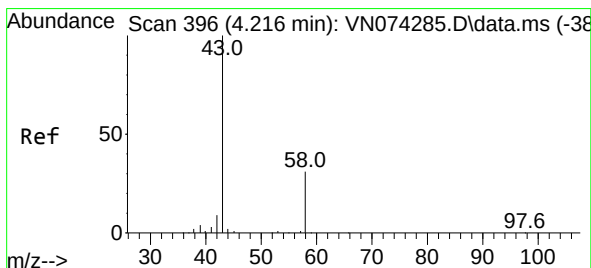
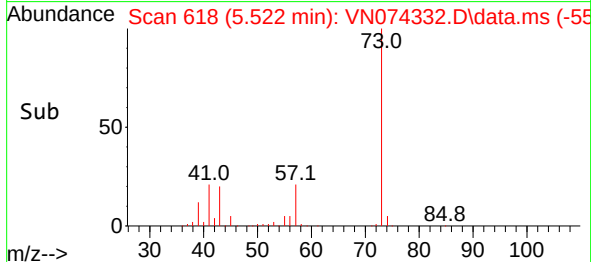
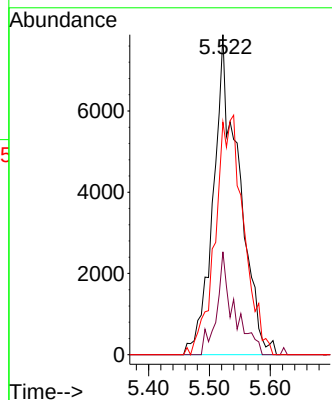
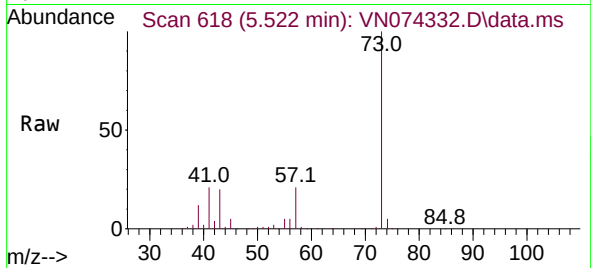




#15  
Acrylonitrile  
Concen: 9.371 ug/l  
RT: 5.522 min Scan# 610  
Delta R.T. 0.053 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

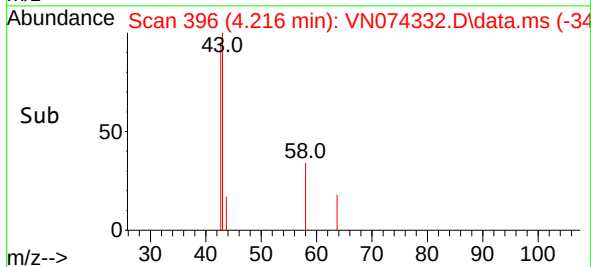
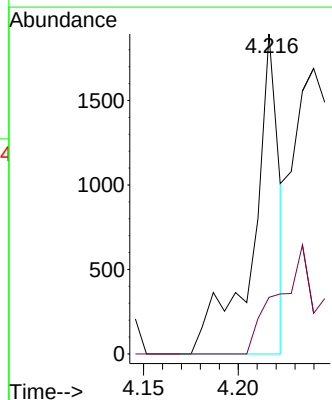
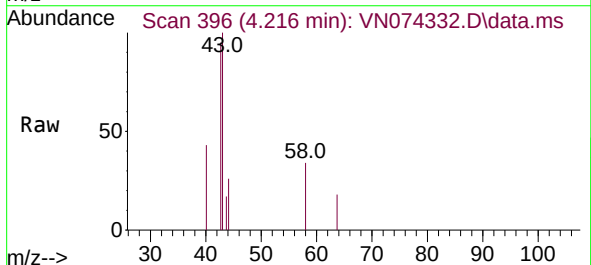
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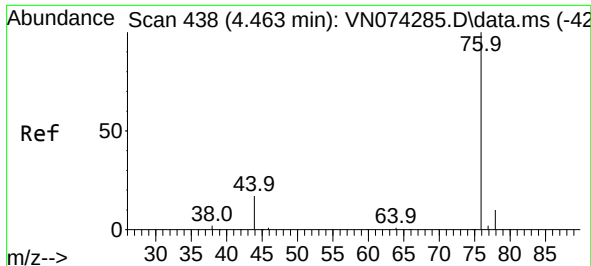
Tgt Ion: 53 Resp: 23085  
Ion Ratio Lower Upper  
53 100  
52 21.7 66.4 99.6#  
51 83.5 28.5 42.7#



#16  
Acetone  
Concen: 0.880 ug/l  
RT: 4.216 min Scan# 396  
Delta R.T. -0.006 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

Tgt Ion: 43 Resp: 1816  
Ion Ratio Lower Upper  
43 100  
58 16.2 26.0 39.0#

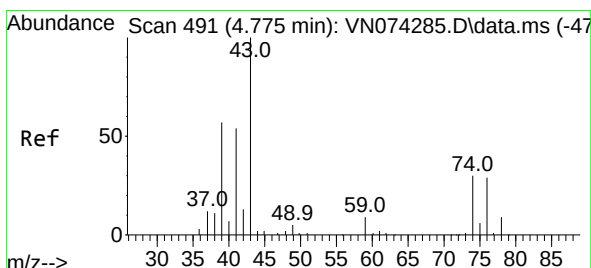
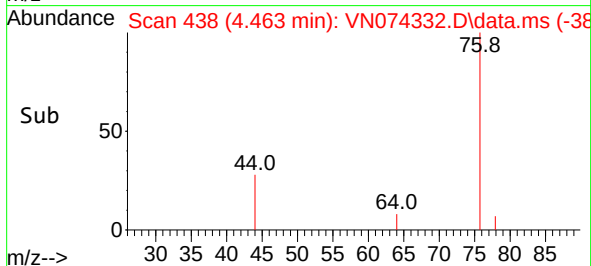
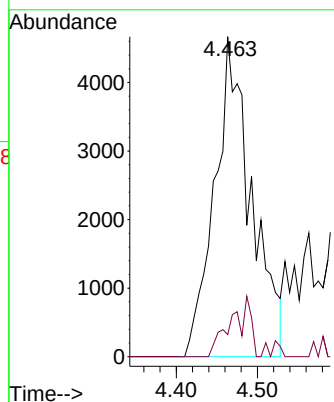
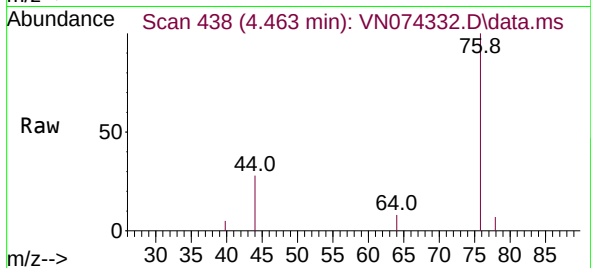




#17  
Carbon Disulfide  
Concen: 1.876 ug/l  
RT: 4.463 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

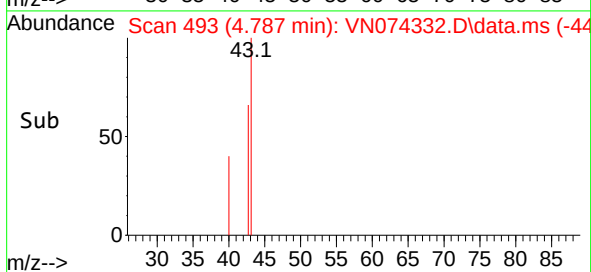
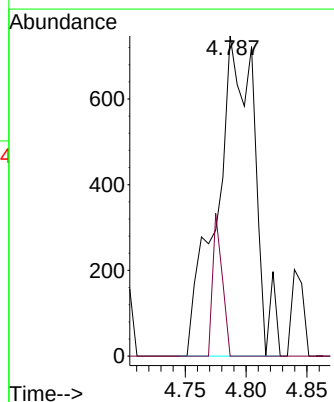
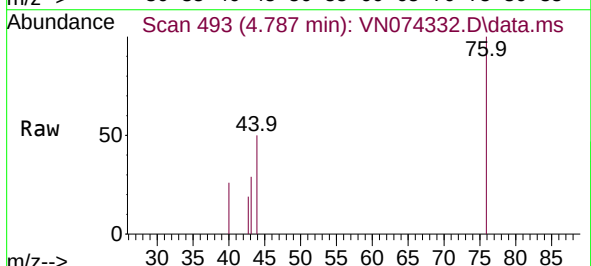
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-31

Tgt Ion: 76 Resp: 14604  
Ion Ratio Lower Upper  
76 100  
78 6.9 7.2 10.8#

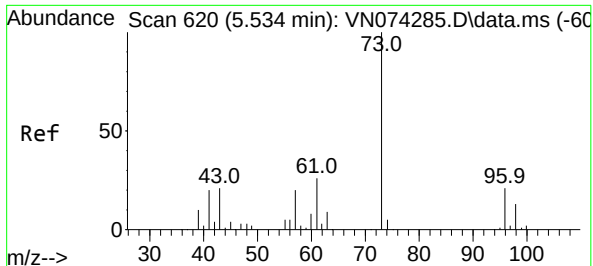


#18  
Methyl Acetate  
Concen: 0.262 ug/l  
RT: 4.787 min Scan# 493  
Delta R.T. 0.012 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

Tgt Ion: 43 Resp: 1626  
Ion Ratio Lower Upper  
43 100  
74 10.9 21.6 32.4#



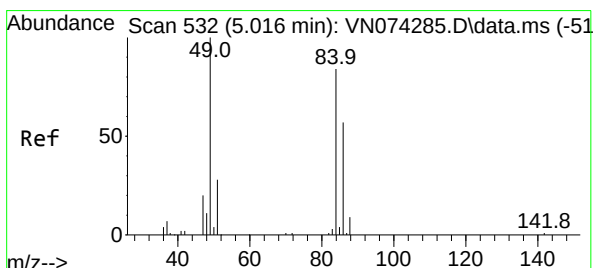
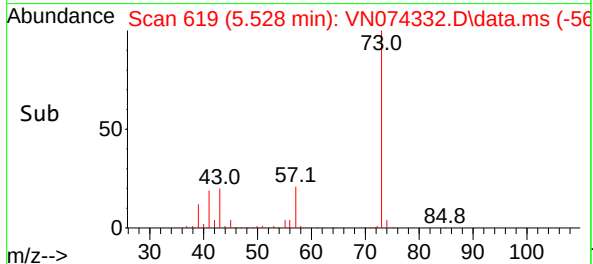
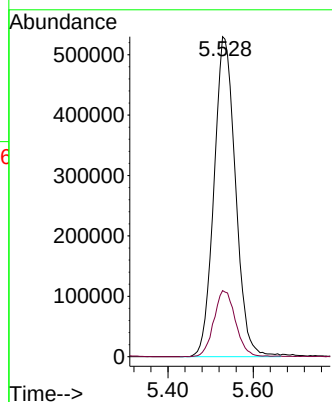
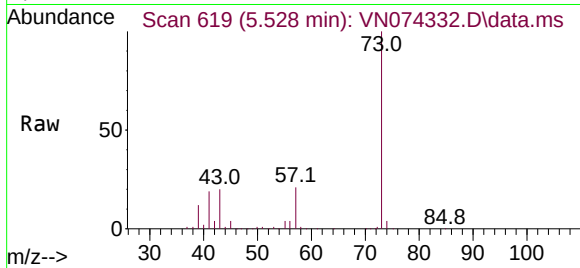




#19  
Methyl tert-butyl Ether  
Concen: 149.775 ug/l  
RT: 5.528 min Scan# 619  
Delta R.T. -0.006 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

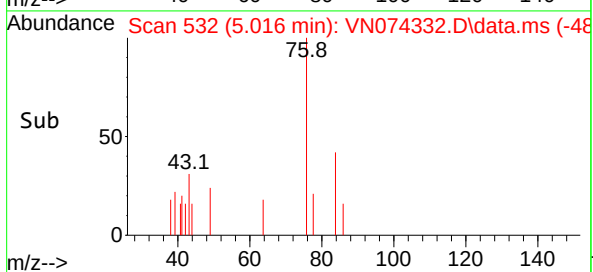
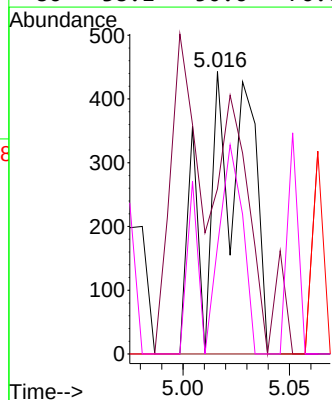
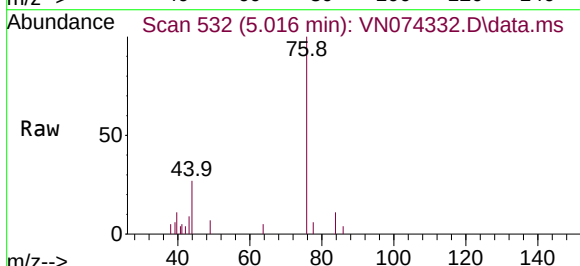
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-31

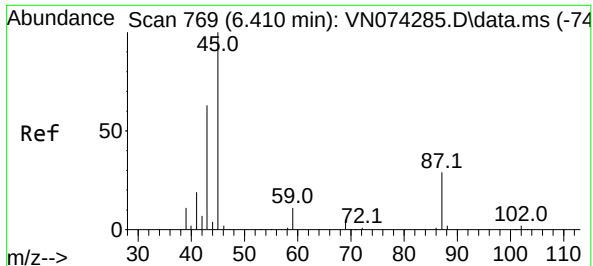
Tgt Ion: 73 Resp: 1850849  
Ion Ratio Lower Upper  
73 100  
57 20.7 17.6 26.4



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 5.016 min Scan# 532  
Delta R.T. 0.006 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

Tgt Ion: 84 Resp: 615  
Ion Ratio Lower Upper  
84 100  
49 21.9 88.3 132.5#  
51 0.0 28.2 42.2#  
86 38.1 50.6 76.0#

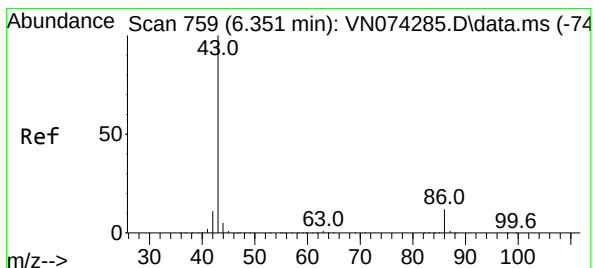
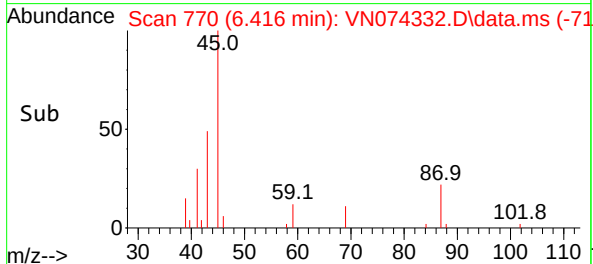
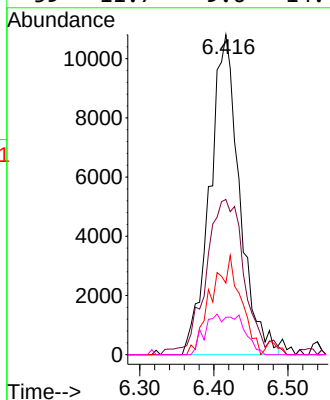
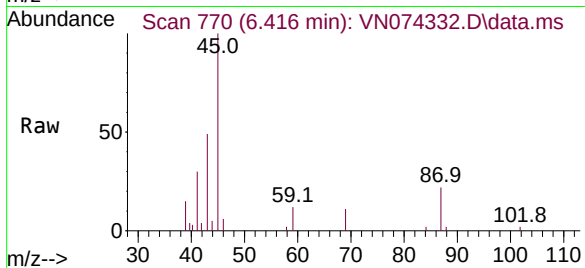




#22  
Diisopropyl ether  
Concen: 2.555 ug/l  
RT: 6.416 min Scan# 770  
Delta R.T. 0.000 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

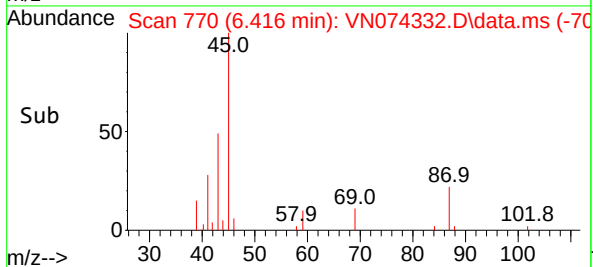
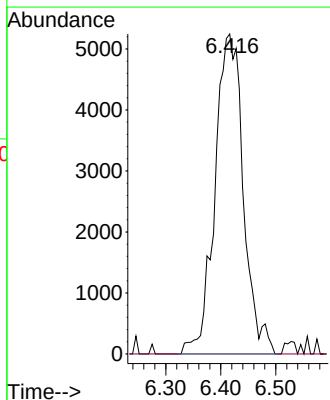
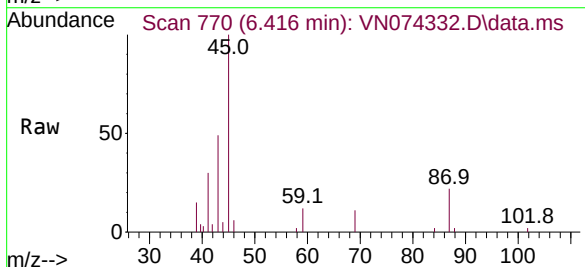
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-31

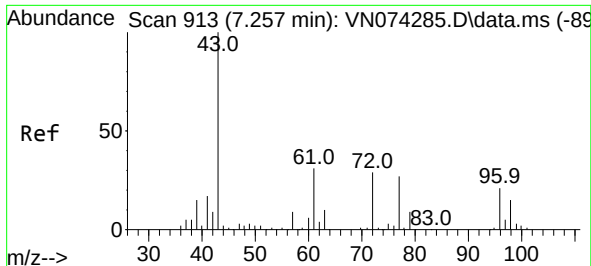
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 30077 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 46.4  | 46.6  | 70.0# |
| 87       | 22.4  | 24.3  | 36.5# |
| 59       | 11.7  | 9.6   | 14.4  |



#23  
Vinyl Acetate  
Concen: 1.848 ug/l  
RT: 6.416 min Scan# 770  
Delta R.T. 0.065 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 18903 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 0.0   | 10.0  | 15.0# |

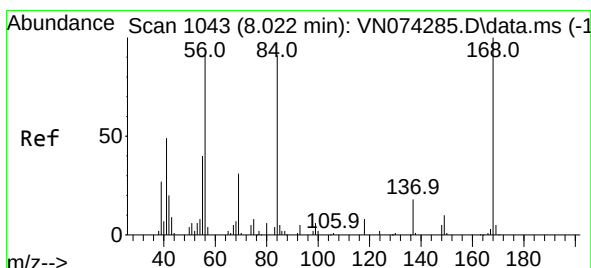
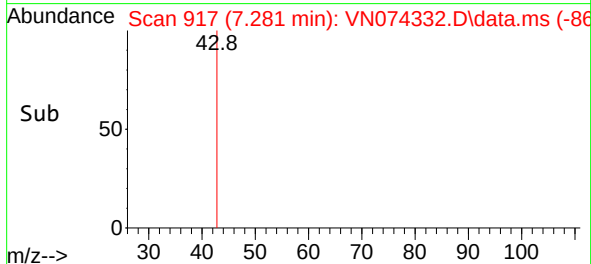
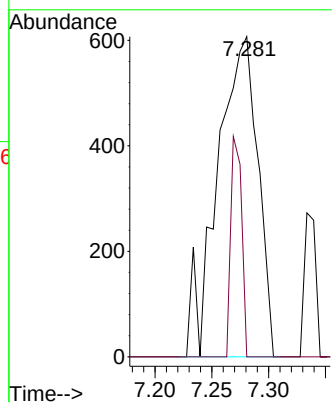
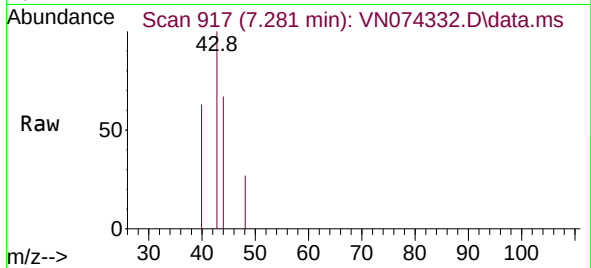




#25  
2-Butanone  
Concen: 0.431 ug/l  
RT: 7.281 min Scan# 917  
Delta R.T. 0.024 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

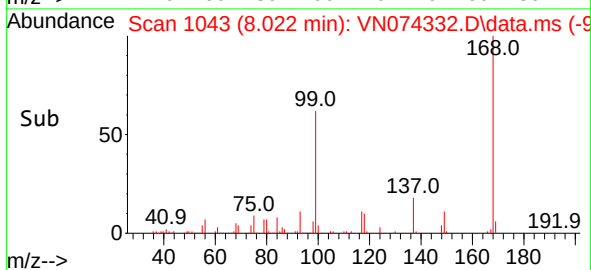
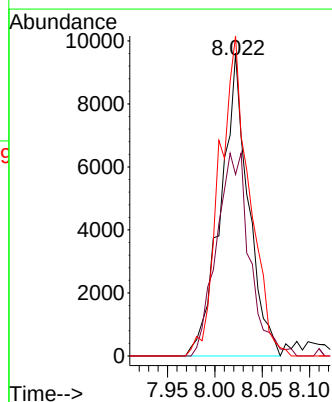
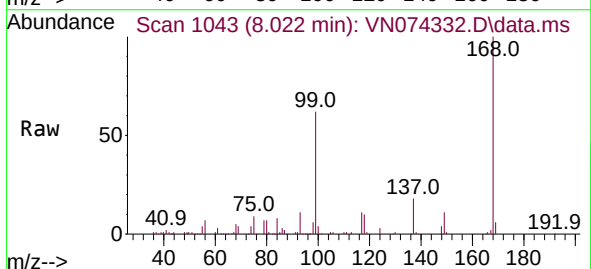
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-31

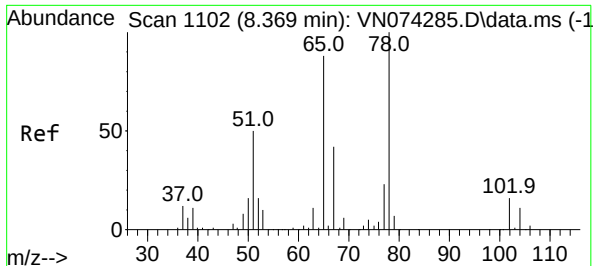
Tgt Ion: 43 Resp: 1501  
Ion Ratio Lower Upper  
43 100  
72 0.0 23.7 35.5#



#31  
Cyclohexane  
Concen: 2.943 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. -0.000 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

Tgt Ion: 56 Resp: 19410  
Ion Ratio Lower Upper  
56 100  
69 59.9 27.8 41.8#  
84 105.7 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 45.754 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074332.D

Acq: 03 Sep 2022 21:24

Instrument :

MSVOA\_N

ClientSampleId :

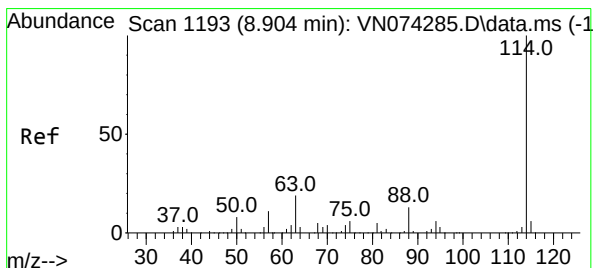
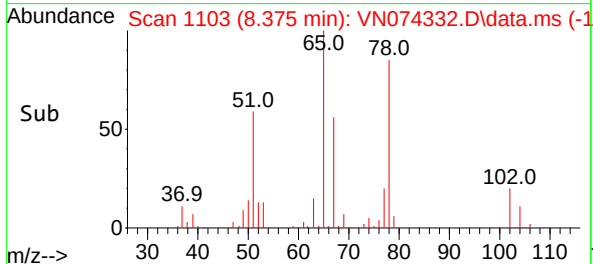
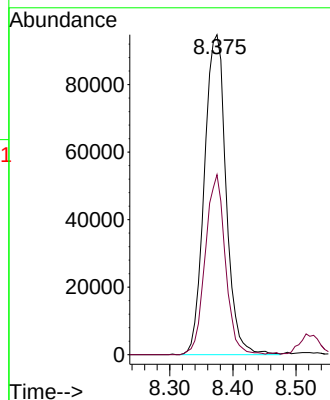
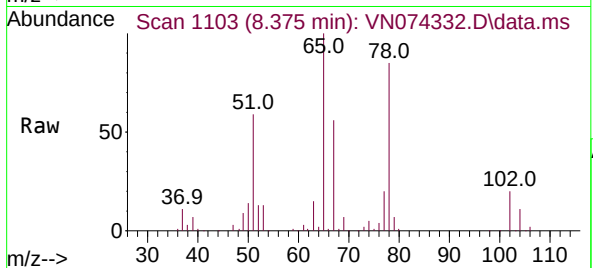
MW-31

Tgt Ion: 65 Resp: 225898

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074332.D

Acq: 03 Sep 2022 21:24

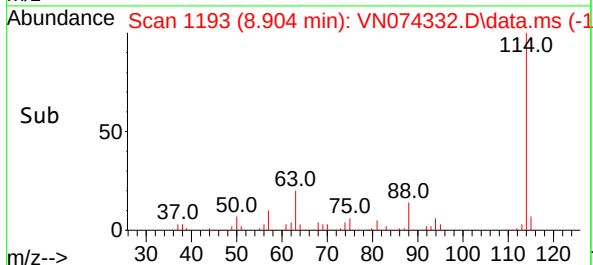
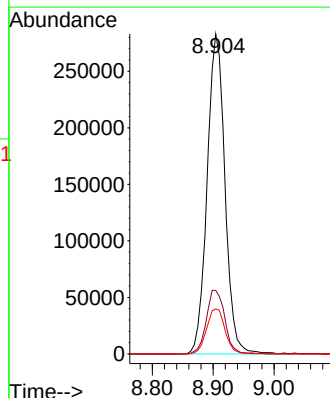
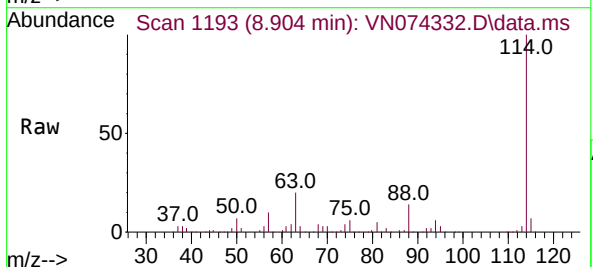
Tgt Ion: 114 Resp: 575960

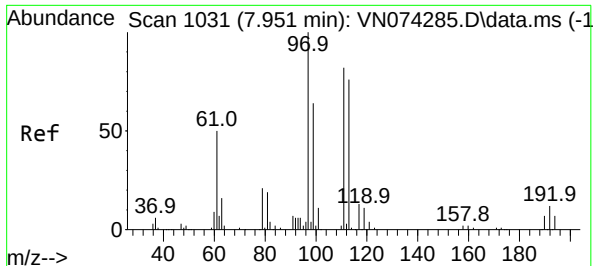
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

88 14.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.350 ug/l

RT: 7.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074332.D

Acq: 03 Sep 2022 21:24

Instrument :

MSVOA\_N

ClientSampleId :

MW-31

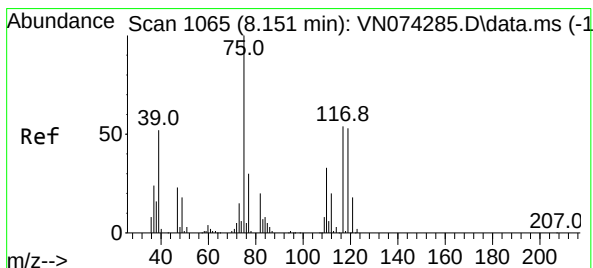
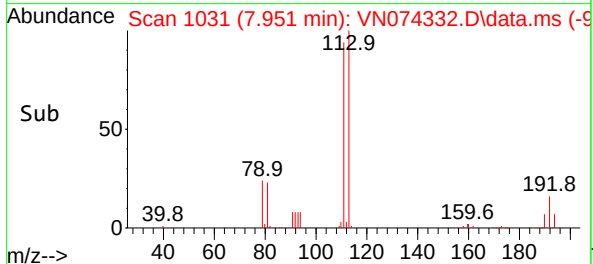
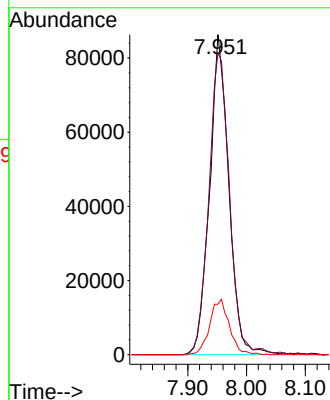
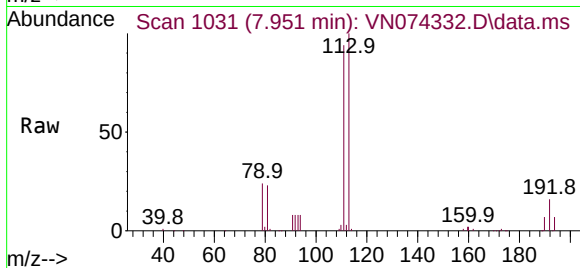
Tgt Ion:113 Resp: 195983

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 17.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.050 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.141 min

Lab File: VN074332.D

Acq: 03 Sep 2022 21:24

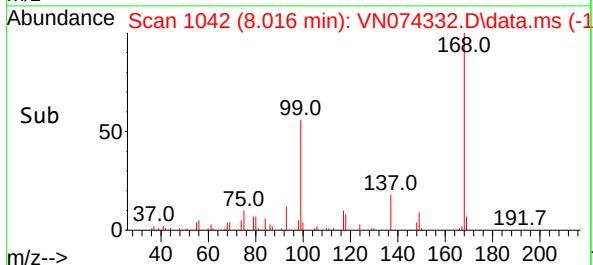
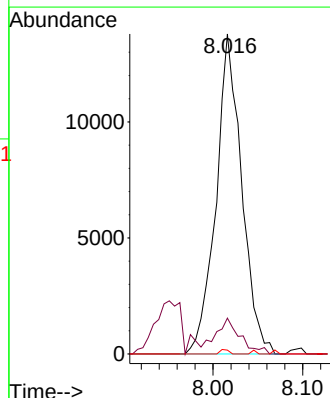
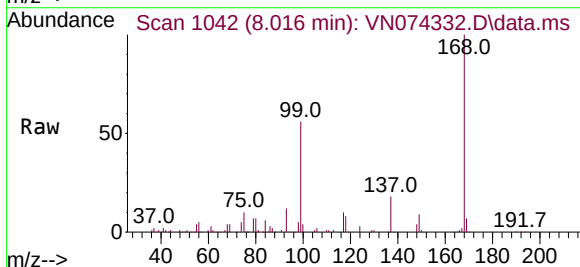
Tgt Ion: 75 Resp: 27356

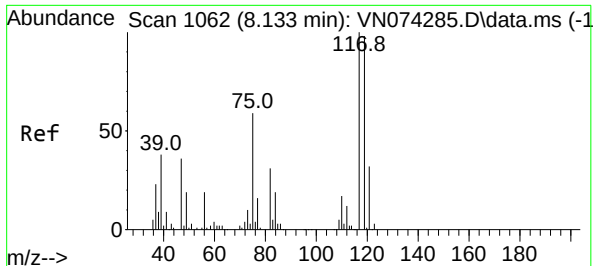
Ion Ratio Lower Upper

75 100

110 10.8 18.3 54.8#

77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.941 ug/l

RT: 8.016 min Scan# 1106

Delta R.T. -0.117 min

Lab File: VN074332.D

Acq: 03 Sep 2022 21:24

Instrument :

MSVOA\_N

ClientSampleId :

MW-31

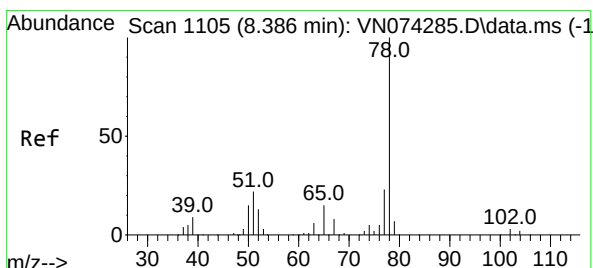
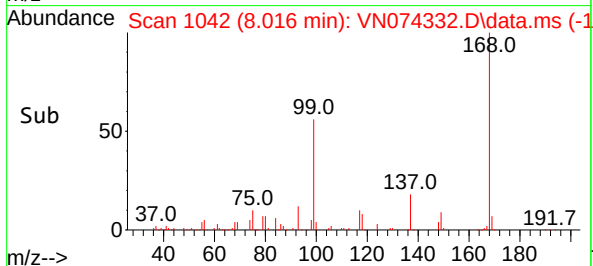
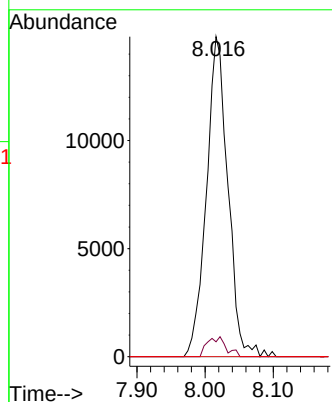
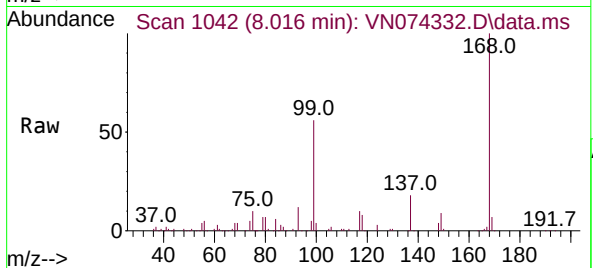
Tgt Ion:117 Resp: 32513

Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.8#

121 0.0 24.6 37.0#



#40

Benzene

Concen: 21.881 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074332.D

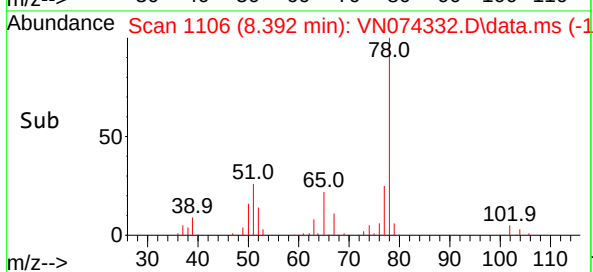
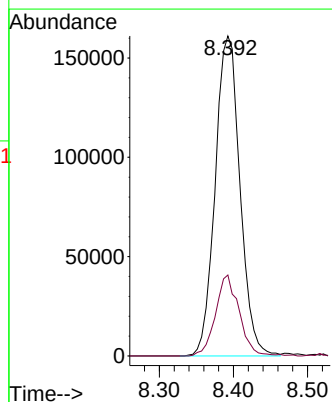
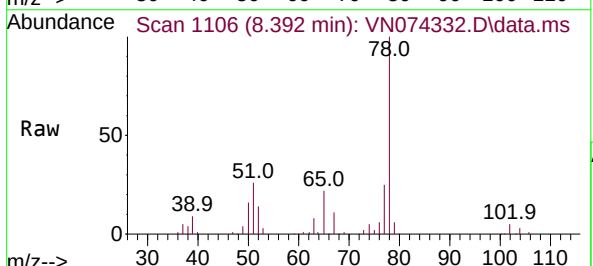
Acq: 03 Sep 2022 21:24

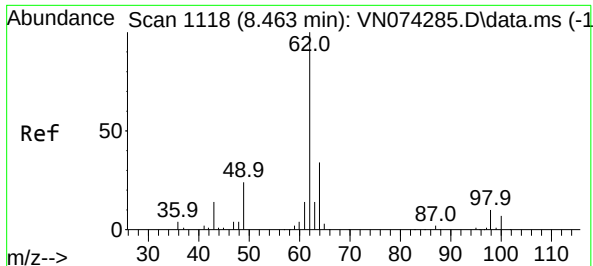
Tgt Ion: 78 Resp: 373917

Ion Ratio Lower Upper

78 100

77 25.3 19.4 29.0





#42

1,2-Dichloroethane

Concen: 0.650 ug/l

RT: 8.392 min Scan# 1118

Delta R.T. -0.071 min

Lab File: VN074332.D

Acq: 03 Sep 2022 21:24

Instrument :

MSVOA\_N

ClientSampleId :

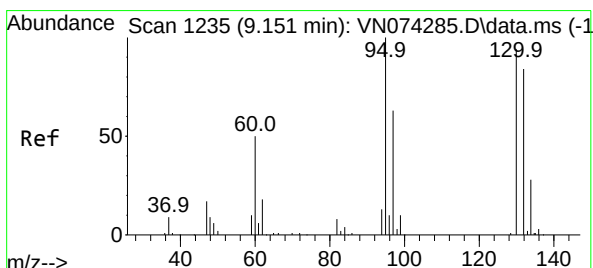
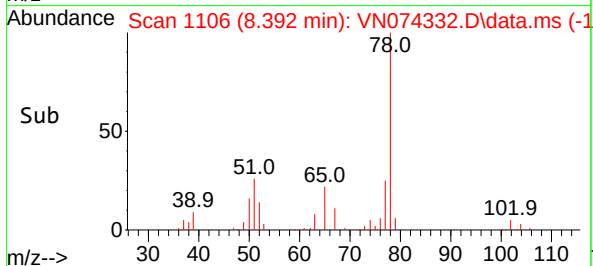
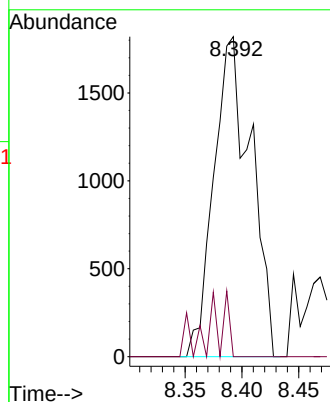
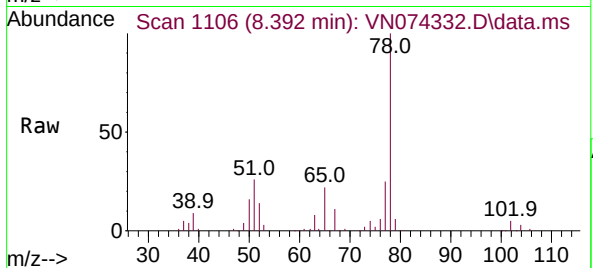
MW-31

Tgt Ion: 62 Resp: 4131

Ion Ratio Lower Upper

62 100

98 7.8 0.0 19.4



#44

Trichloroethene

Concen: 0.210 ug/l

RT: 9.145 min Scan# 1234

Delta R.T. -0.006 min

Lab File: VN074332.D

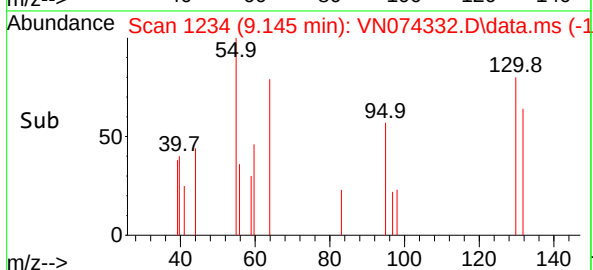
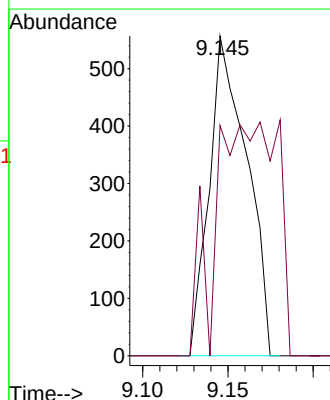
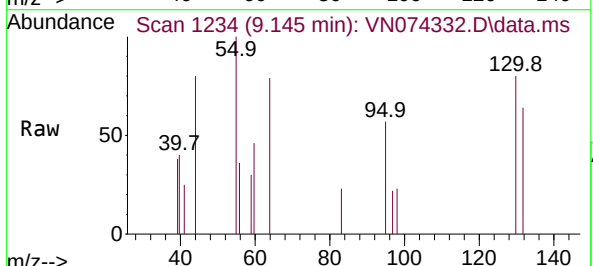
Acq: 03 Sep 2022 21:24

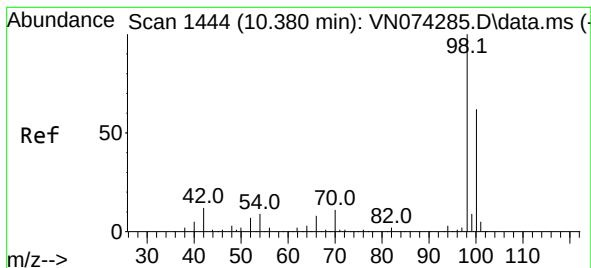
Tgt Ion: 130 Resp: 854

Ion Ratio Lower Upper

130 100

95 72.0 0.0 186.8





#50

Toluene-d8

Concen: 44.894 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.001 min

Lab File: VN074332.D

Acq: 03 Sep 2022 21:24

Instrument :

MSVOA\_N

ClientSampleId :

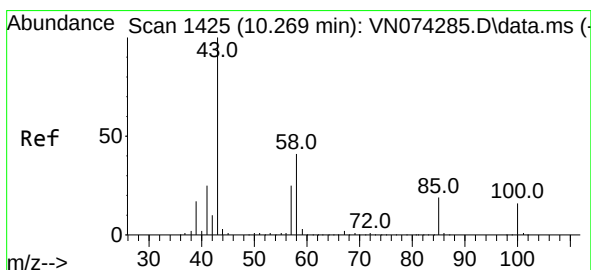
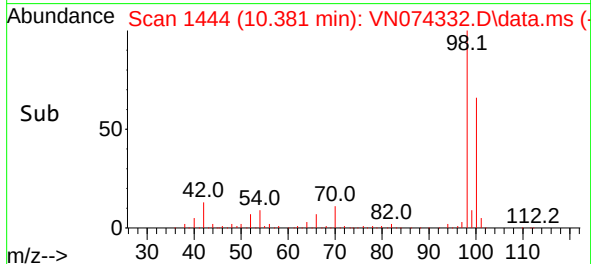
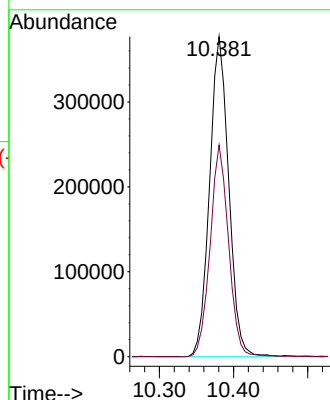
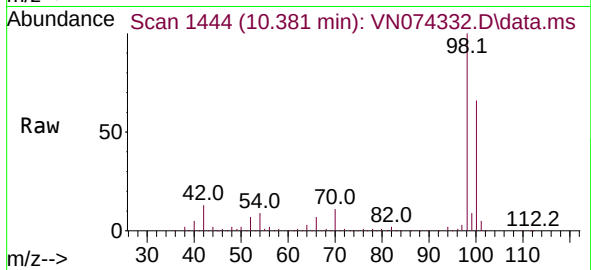
MW-31

Tgt Ion: 98 Resp: 675641

Ion Ratio Lower Upper

98 100

100 63.8 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.432 ug/l

RT: 10.263 min Scan# 1424

Delta R.T. -0.012 min

Lab File: VN074332.D

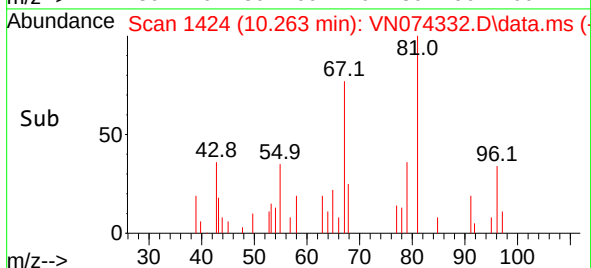
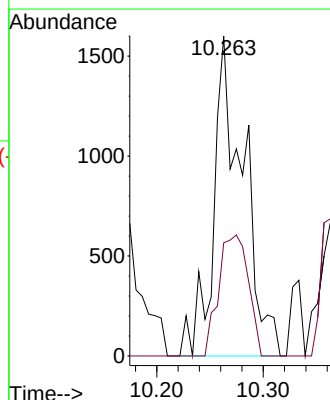
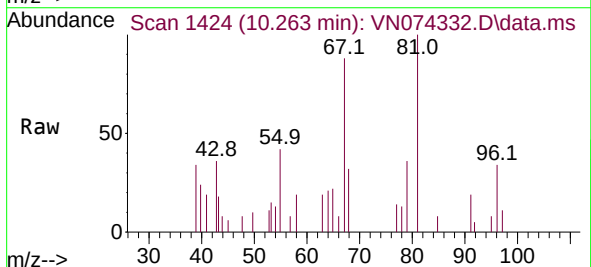
Acq: 03 Sep 2022 21:24

Tgt Ion: 43 Resp: 3114

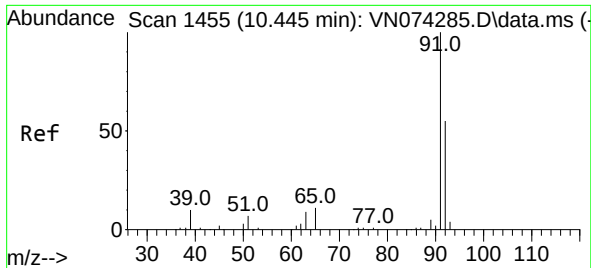
Ion Ratio Lower Upper

43 100

58 37.6 34.1 51.1



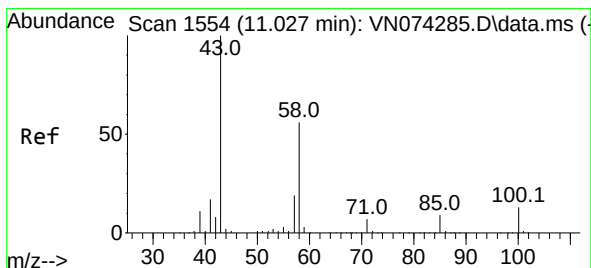
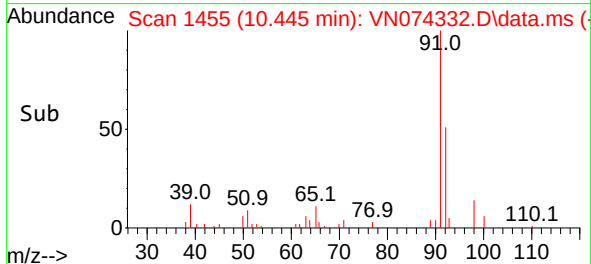
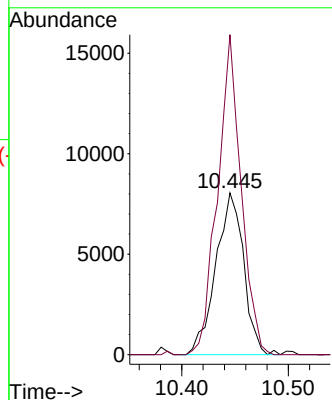
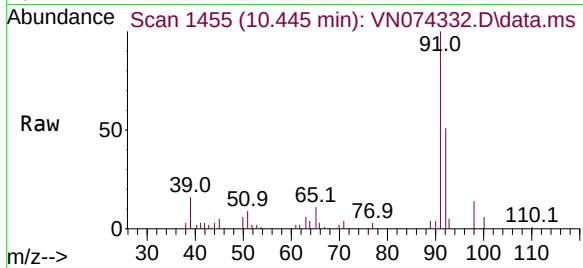




#52  
Toluene  
Concen: 1.384 ug/l  
RT: 10.445 min Scan# 1455  
Delta R.T. 0.000 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

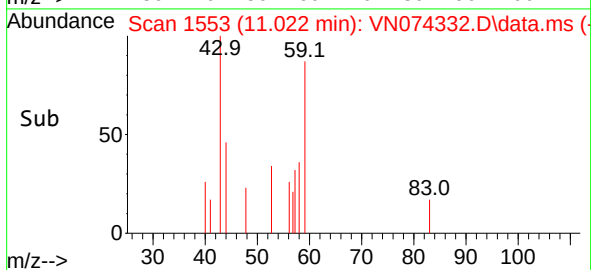
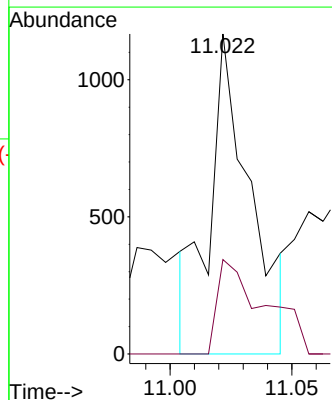
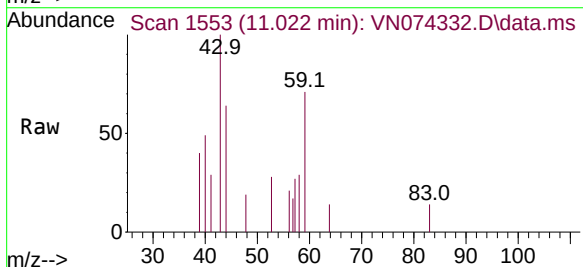
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-31

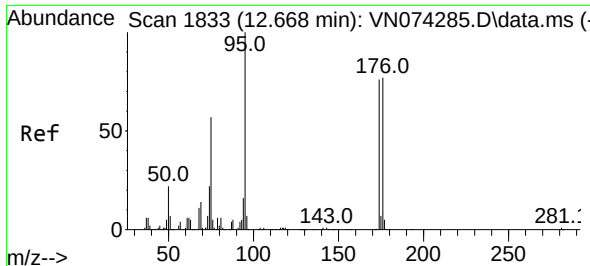
Tgt Ion: 92 Resp: 14613  
Ion Ratio Lower Upper  
92 100  
91 167.0 138.6 207.8



#59  
2-Hexanone  
Concen: 0.250 ug/l  
RT: 11.022 min Scan# 1553  
Delta R.T. -0.005 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

Tgt Ion: 43 Resp: 1361  
Ion Ratio Lower Upper  
43 100  
58 34.2 29.7 89.1

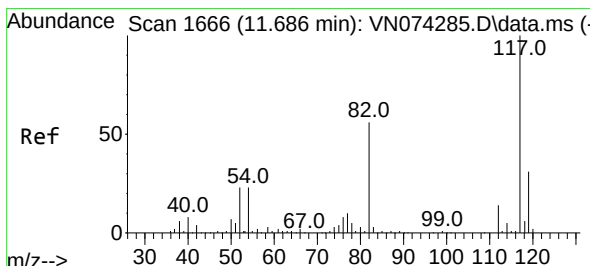
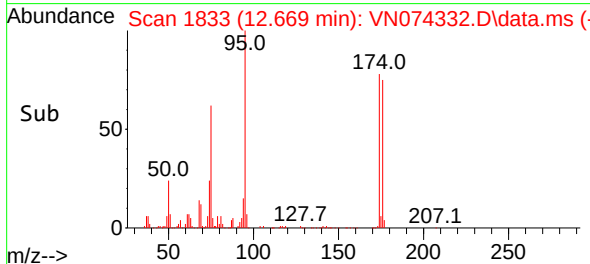
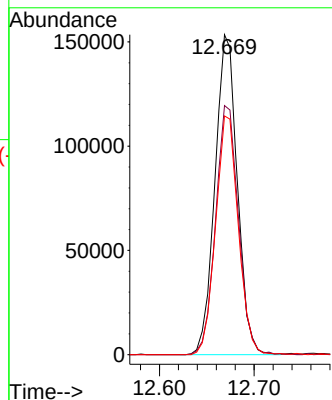
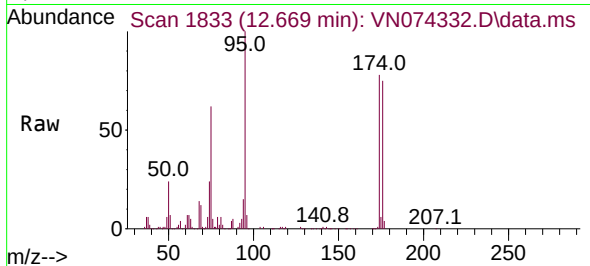




#62  
4-Bromofluorobenzene  
Concen: 45.975 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

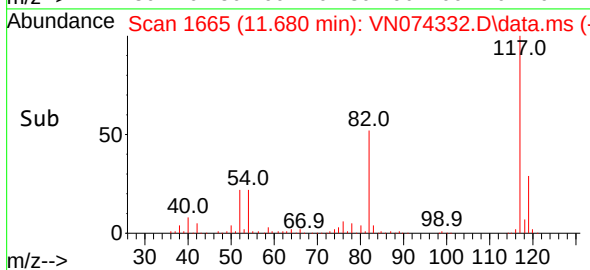
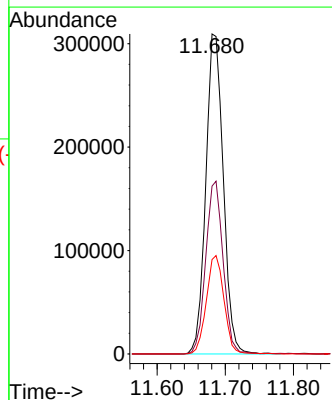
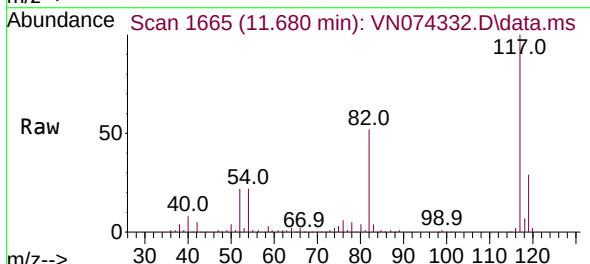
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-31

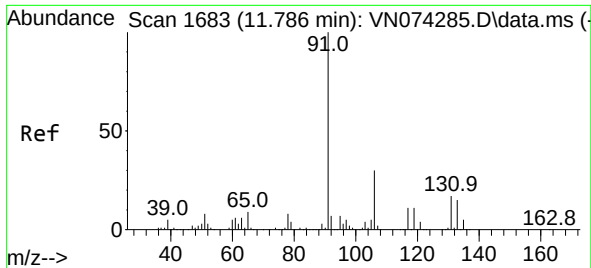
Tgt Ion: 95 Resp: 251842  
Ion Ratio Lower Upper  
95 100  
174 79.7 0.0 167.6  
176 75.8 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 1665  
Delta R.T. -0.006 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

Tgt Ion: 117 Resp: 552235  
Ion Ratio Lower Upper  
117 100  
82 52.4 44.2 66.2  
119 29.5 25.4 38.0

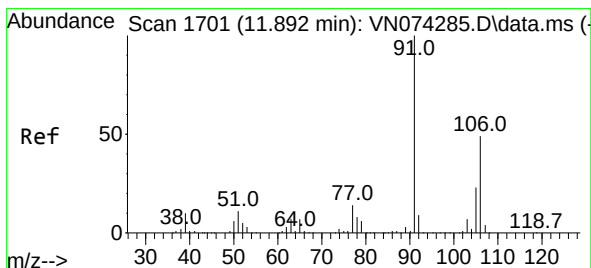
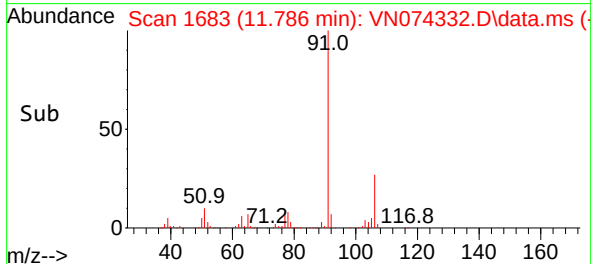
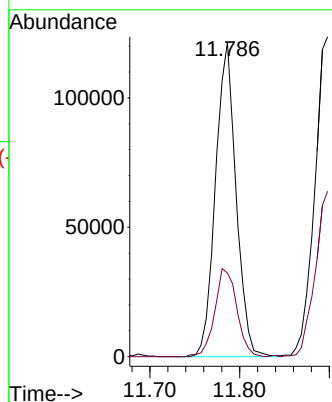
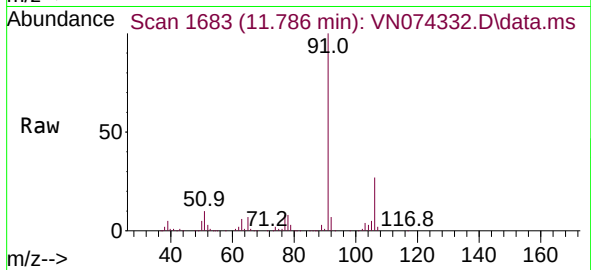




#67  
Ethyl Benzene  
Concen: 8.684 ug/l  
RT: 11.786 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

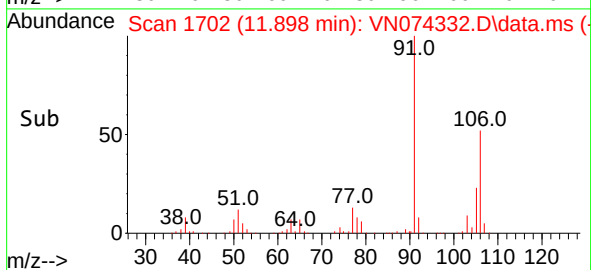
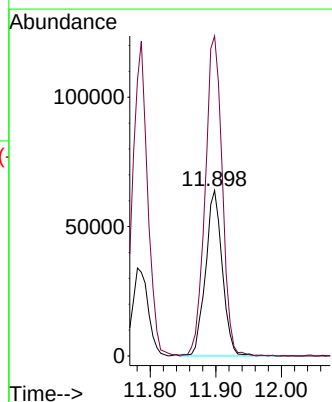
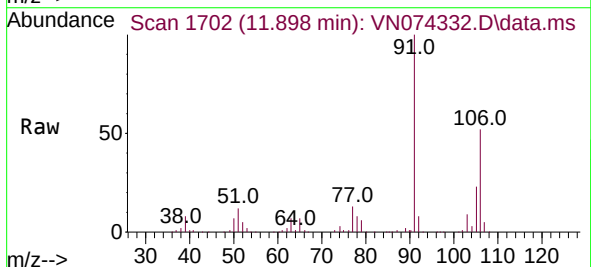
Instrument :  
MSVOA\_N  
ClientSampleId :  
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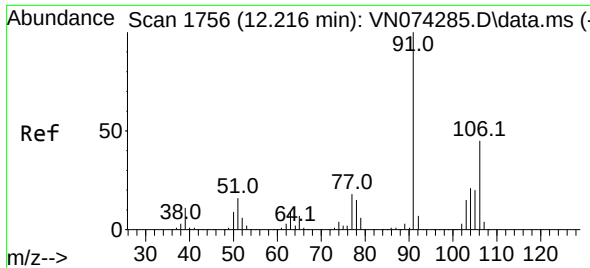
Tgt Ion: 91 Resp: 193248  
Ion Ratio Lower Upper  
91 100  
106 26.6 24.9 37.3



#68  
m/p-Xylenes  
Concen: 13.678 ug/l  
RT: 11.898 min Scan# 1702  
Delta R.T. 0.006 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

Tgt Ion: 106 Resp: 113627  
Ion Ratio Lower Upper  
106 100  
91 197.2 158.9 238.3

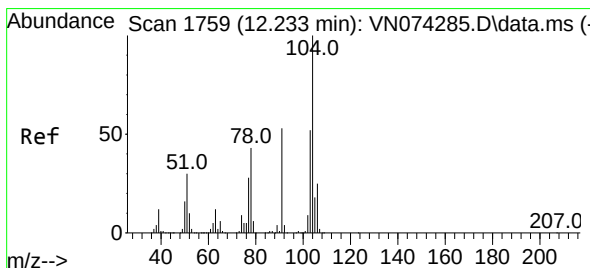
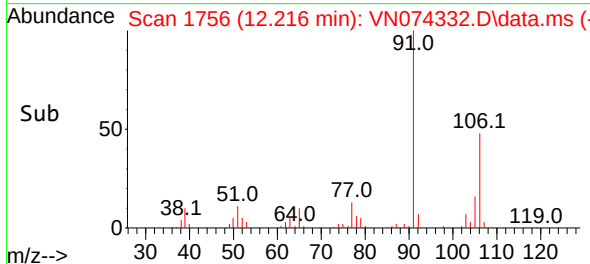
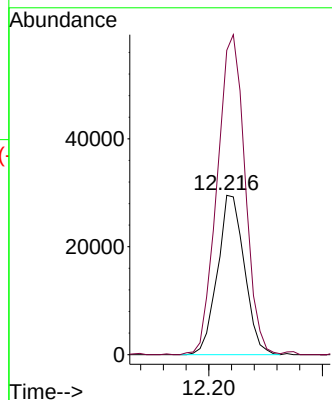
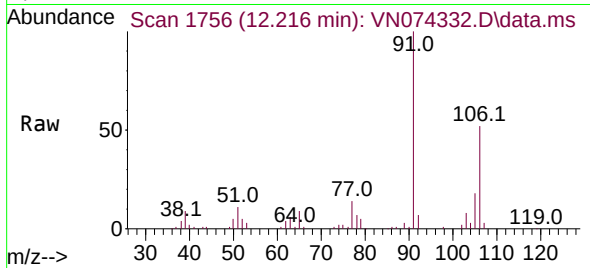




#69  
o-Xylene  
Concen: 5.853 ug/l  
RT: 12.216 min Scan# 1756  
Delta R.T. -0.005 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

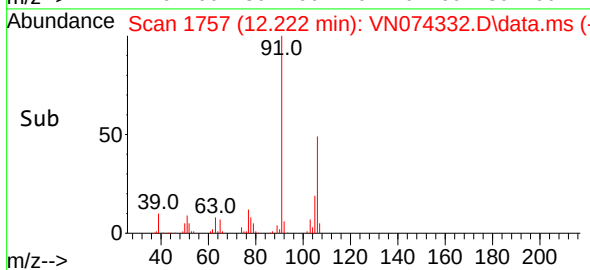
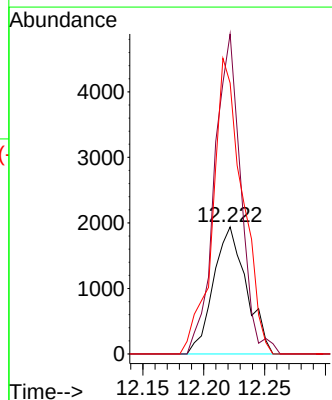
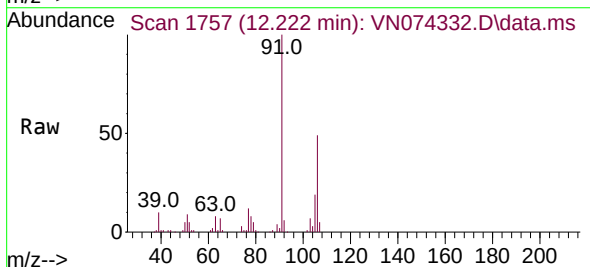
Instrument :  
MSVOA\_N  
ClientSampleId :  
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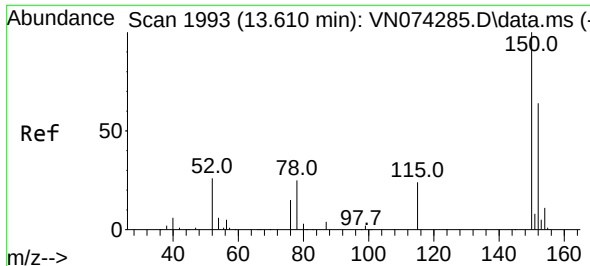
Tgt Ion:106 Resp: 48528  
Ion Ratio Lower Upper  
106 100  
91 207.9 106.0 318.0



#70  
Styrene  
Concen: 0.275 ug/l  
RT: 12.222 min Scan# 1757  
Delta R.T. -0.011 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

Tgt Ion:104 Resp: 3649  
Ion Ratio Lower Upper  
104 100  
78 201.8 39.5 59.3#  
103 210.9 44.0 66.0#

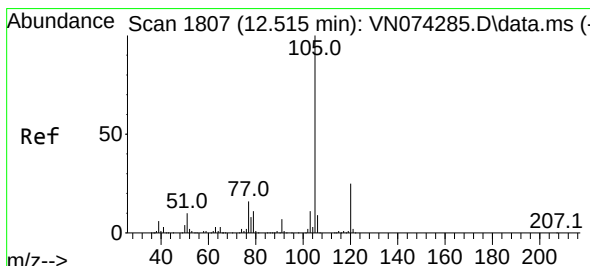
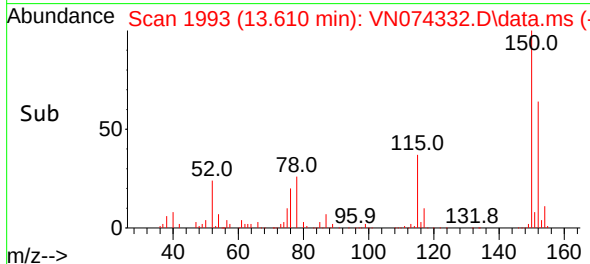
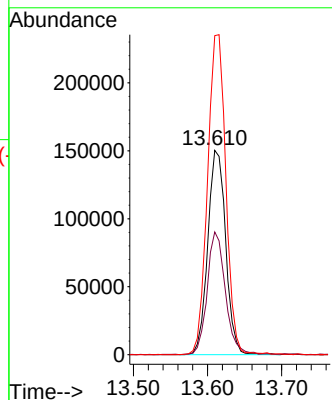
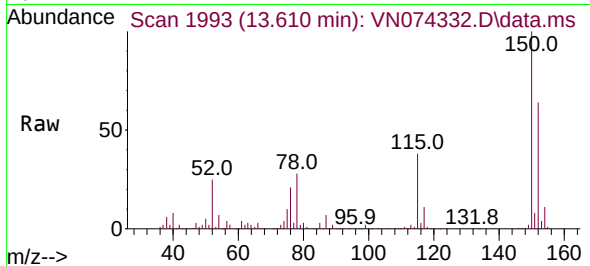




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.610 min Scan# 1993  
 Delta R.T. -0.000 min  
 Lab File: VN074332.D  
 Acq: 03 Sep 2022 21:24

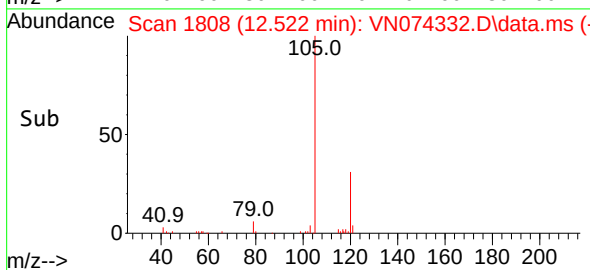
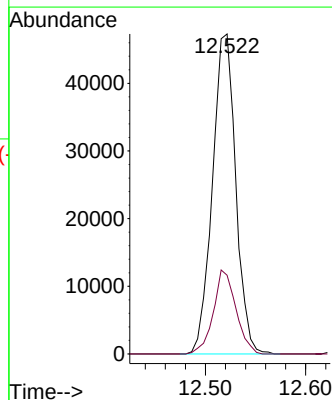
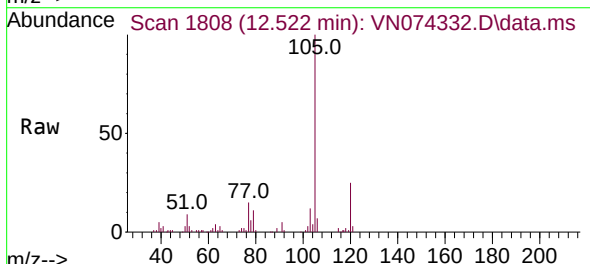
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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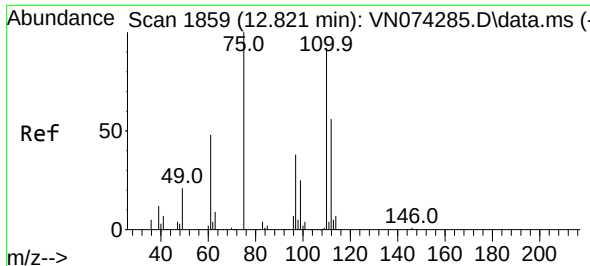
Tgt Ion:152 Resp: 253076  
 Ion Ratio Lower Upper  
 152 100  
 115 60.9 28.9 86.7  
 150 159.9 0.0 356.2



#73  
 Isopropylbenzene  
 Concen: 3.449 ug/l  
 RT: 12.522 min Scan# 1808  
 Delta R.T. 0.006 min  
 Lab File: VN074332.D  
 Acq: 03 Sep 2022 21:24

Tgt Ion:105 Resp: 76424  
 Ion Ratio Lower Upper  
 105 100  
 120 25.4 13.5 40.4

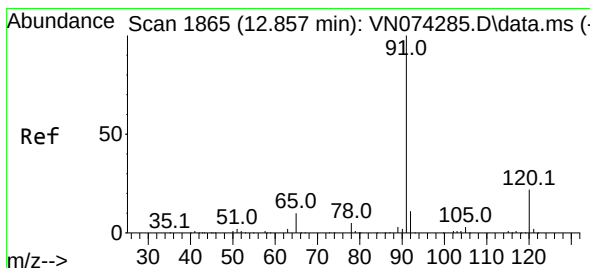
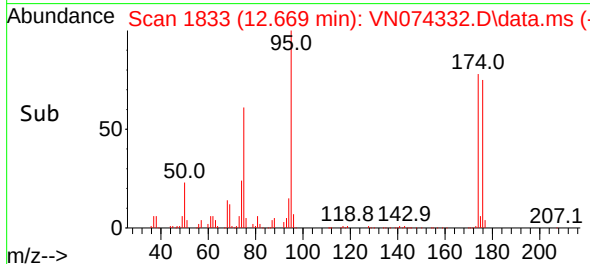
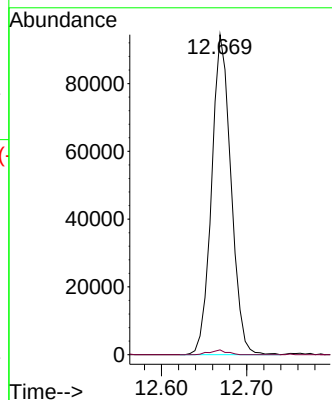
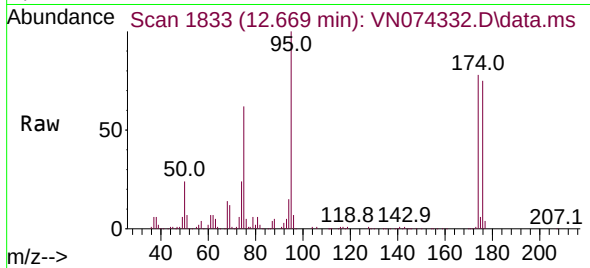




#76  
1,2,3-Trichloropropane  
Concen: 20.834 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. -0.152 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

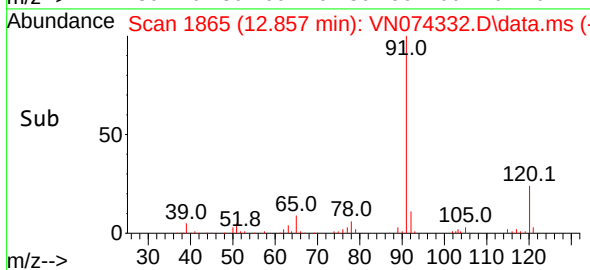
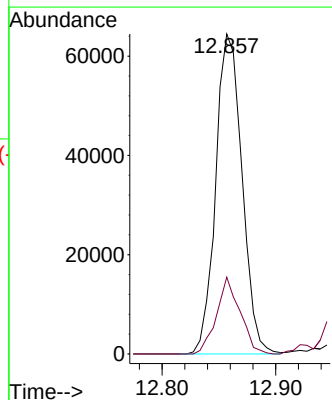
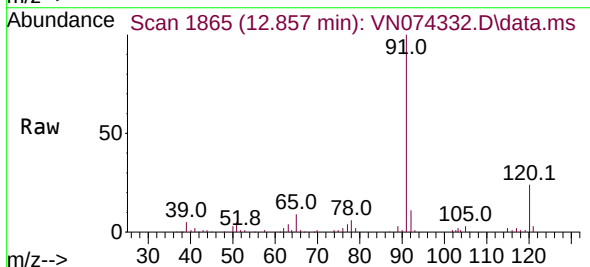
Instrument :  
MSVOA\_N  
ClientSampleId :  
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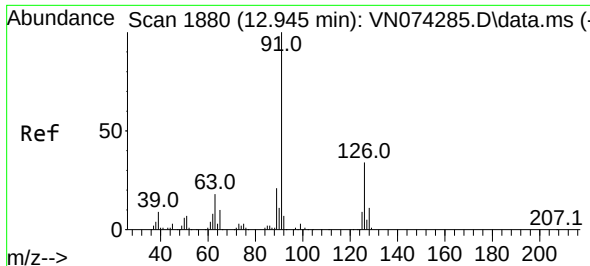
Tgt Ion: 75 Resp: 149327  
Ion Ratio Lower Upper  
75 100  
77 1.3 98.5 295.5#



#78  
n-propylbenzene  
Concen: 4.101 ug/l  
RT: 12.857 min Scan# 1865  
Delta R.T. -0.006 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

Tgt Ion: 91 Resp: 103889  
Ion Ratio Lower Upper  
91 100  
120 21.4 11.9 35.5

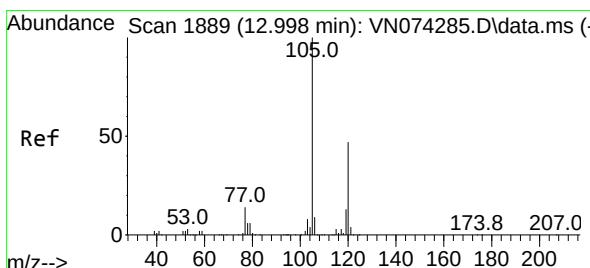
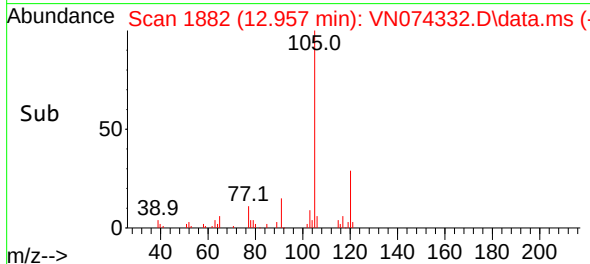
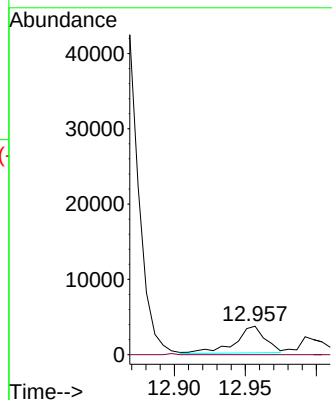
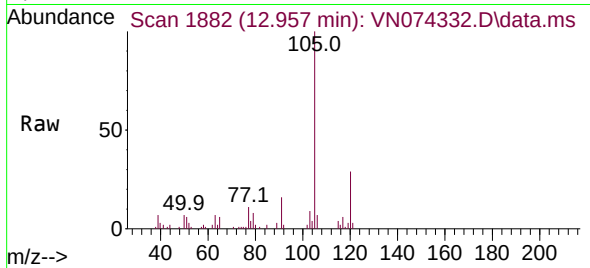




#79  
2-Chlorotoluene  
Concen: 0.338 ug/l  
RT: 12.957 min Scan# 1882  
Delta R.T. 0.012 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

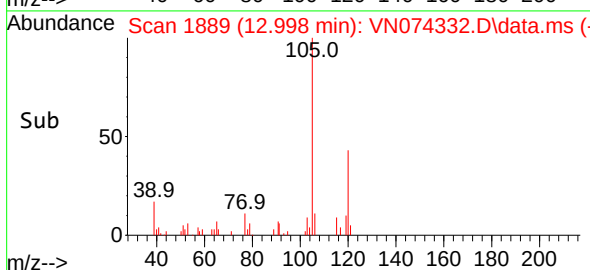
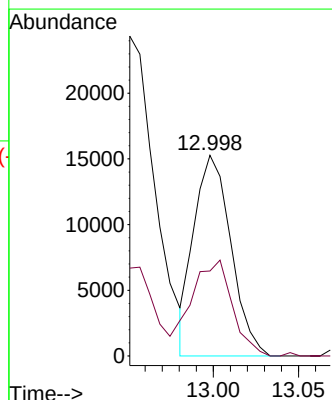
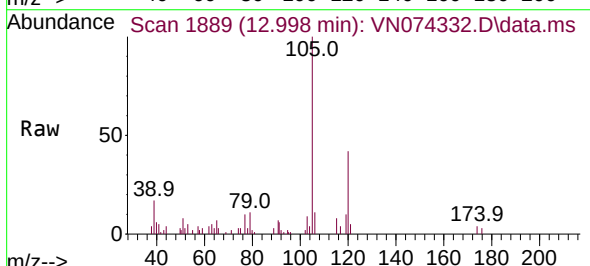
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-31

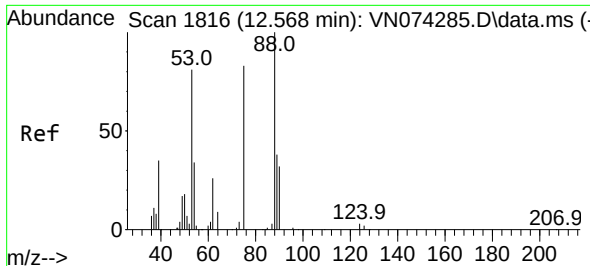
Tgt Ion: 91 Resp: 5255  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.3 51.9#



#80  
1,3,5-Trimethylbenzene  
Concen: 1.296 ug/l  
RT: 12.998 min Scan# 1889  
Delta R.T. 0.000 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

Tgt Ion: 105 Resp: 23036  
Ion Ratio Lower Upper  
105 100  
120 52.7 24.9 74.7

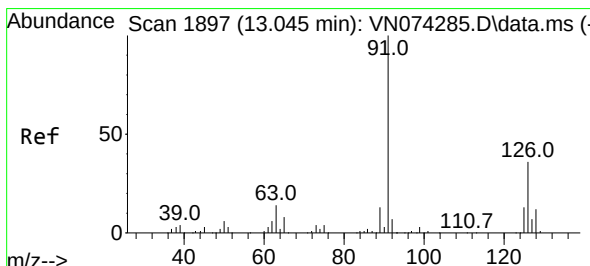
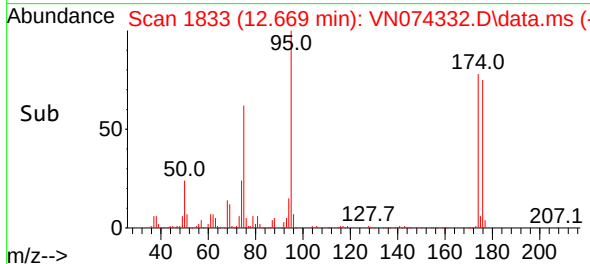
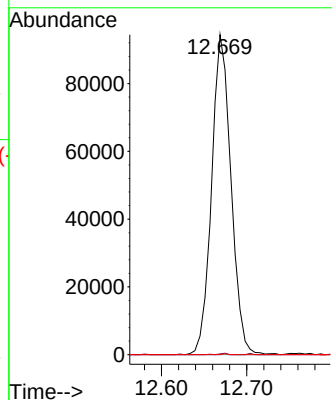
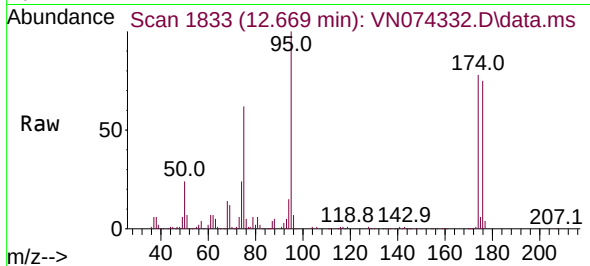




#81  
trans-1,4-Dichloro-2-butene  
Concen: 67.631 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. 0.106 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

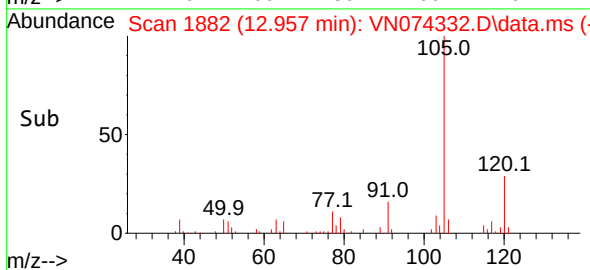
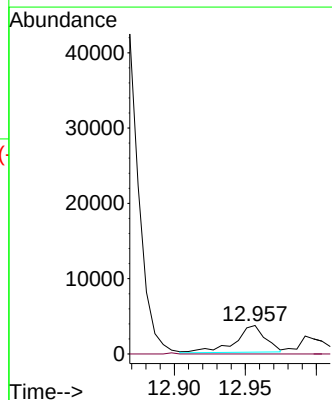
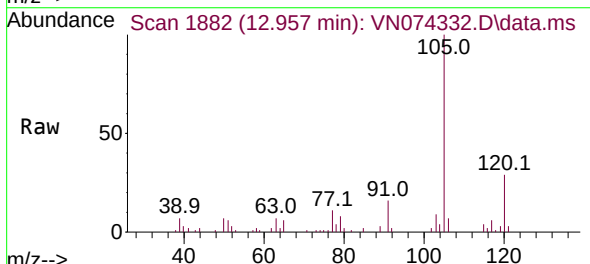
Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion: 75 Resp: 149327  
Ion Ratio Lower Upper  
75 100  
53 0.2 78.0 117.0#  
89 0.1 37.2 55.8#

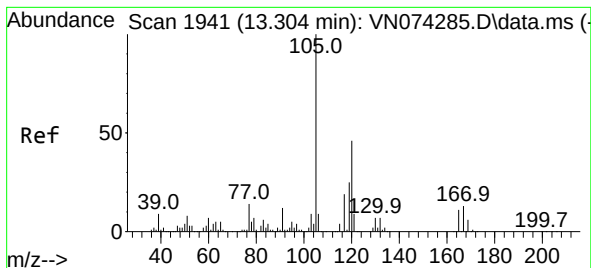


#82  
4-Chlorotoluene  
Concen: 0.360 ug/l  
RT: 12.957 min Scan# 1882  
Delta R.T. -0.088 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

Tgt Ion: 91 Resp: 5255  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.2 51.6#







#84

1,2,4-Trimethylbenzene

Concen: 6.431 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN074332.D

Acq: 03 Sep 2022 21:24

Instrument :

MSVOA\_N

ClientSampleId :

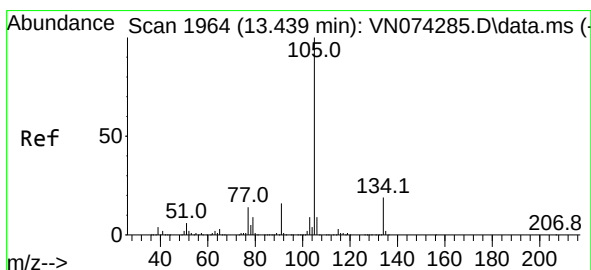
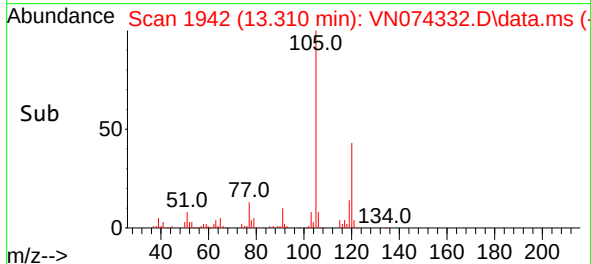
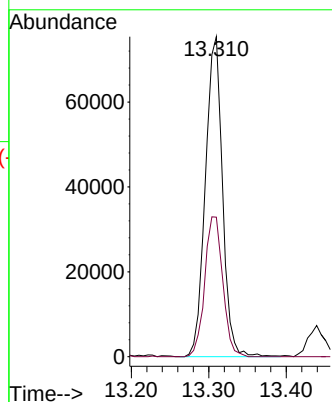
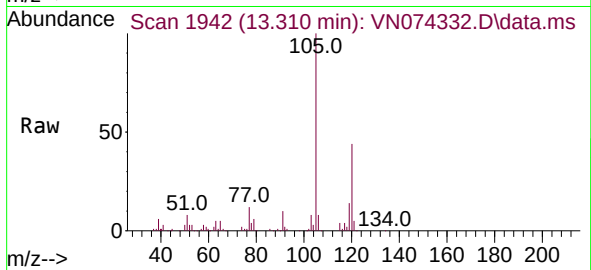
MW-31

Tgt Ion:105 Resp: 115757

Ion Ratio Lower Upper

105 100

120 46.0 23.3 69.8



#85

sec-Butylbenzene

Concen: 0.500 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN074332.D

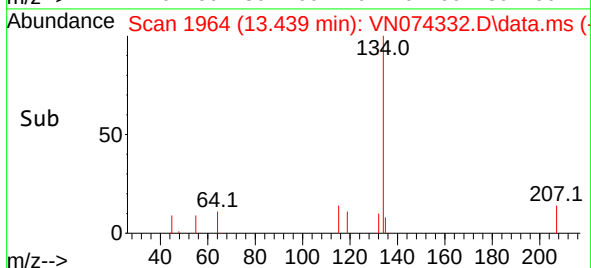
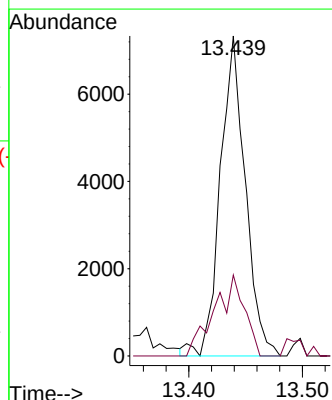
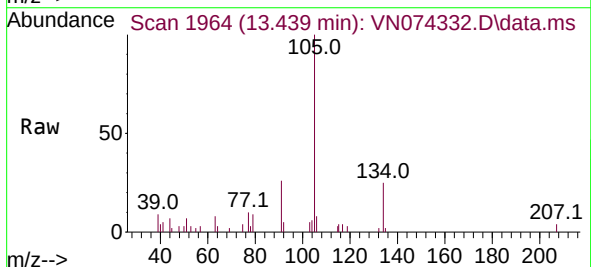
Acq: 03 Sep 2022 21:24

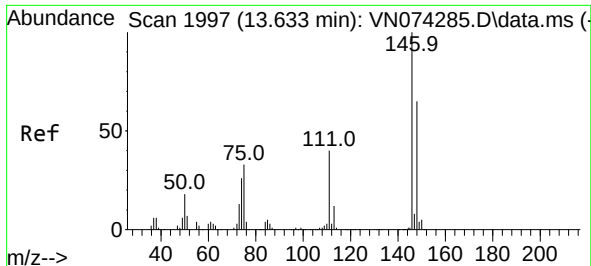
Tgt Ion:105 Resp: 11258

Ion Ratio Lower Upper

105 100

134 30.5 10.4 31.1

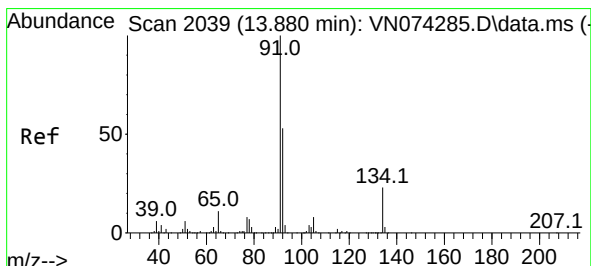
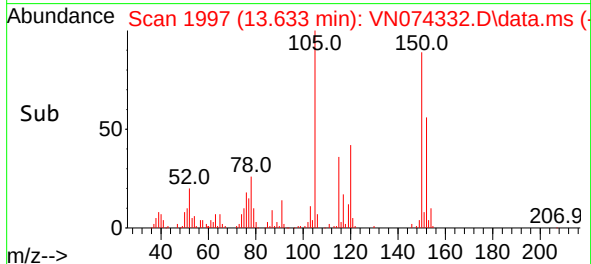
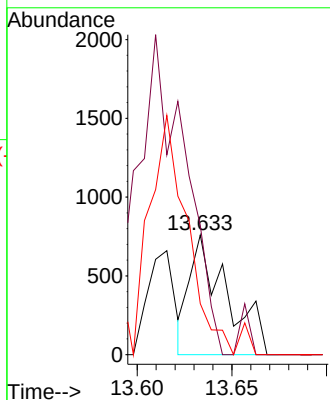
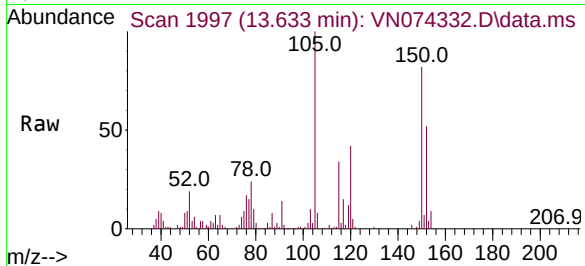




#88  
1,4-Dichlorobenzene  
Concen: 0.281 ug/l  
RT: 13.633 min Scan# 1997  
Delta R.T. 0.000 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

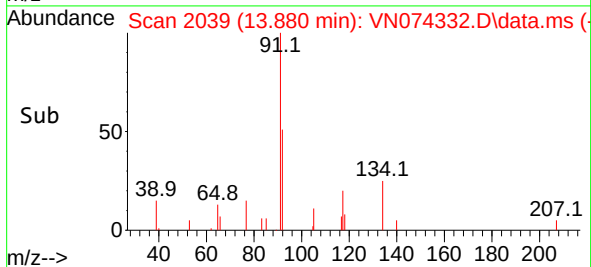
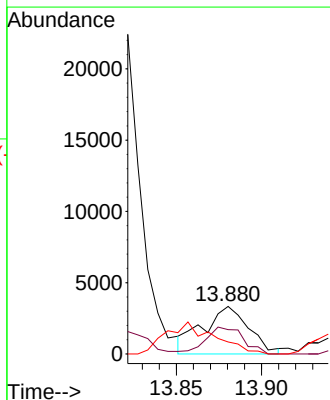
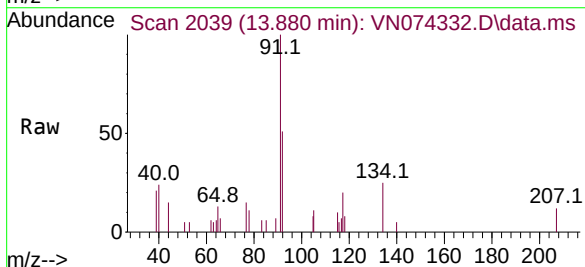
Instrument :  
MSVOA\_N  
ClientSampleId :  
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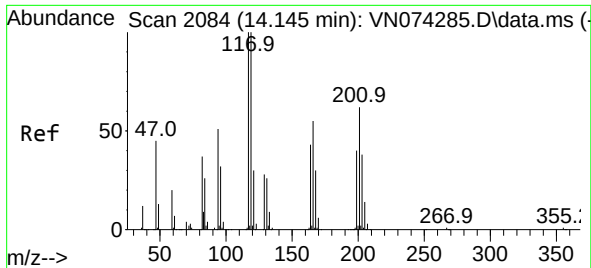
Tgt Ion:146 Resp: 1038  
Ion Ratio Lower Upper  
146 100  
111 0.0 19.1 57.1#  
148 0.0 31.4 94.3#



#89  
n-Butylbenzene  
Concen: 0.411 ug/l  
RT: 13.880 min Scan# 2039  
Delta R.T. 0.000 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

Tgt Ion: 91 Resp: 6291  
Ion Ratio Lower Upper  
91 100  
92 45.9 26.9 80.7  
134 0.0 13.6 40.8#

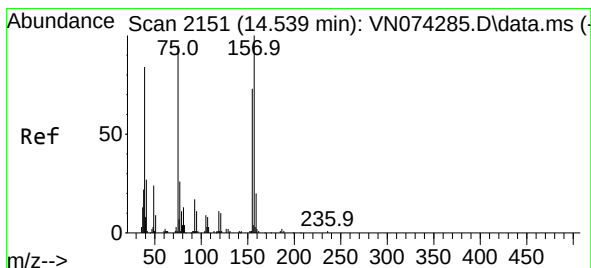
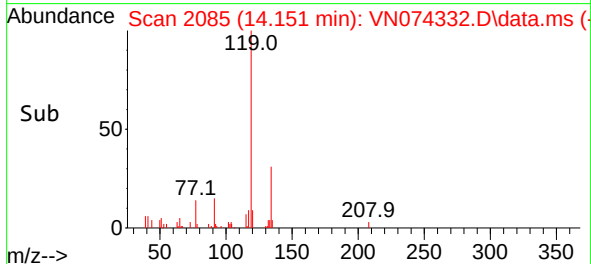
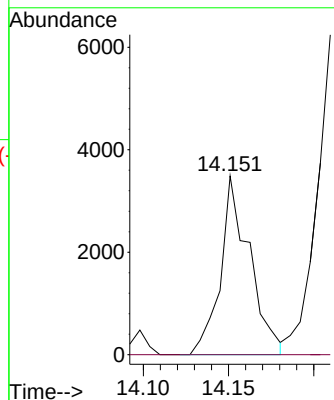
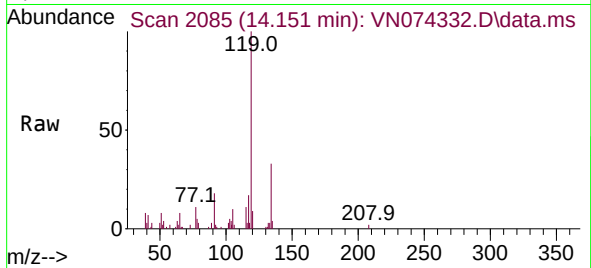




#90  
Hexachloroethane  
Concen: 1.210 ug/l  
RT: 14.151 min Scan# 2084  
Delta R.T. -0.000 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

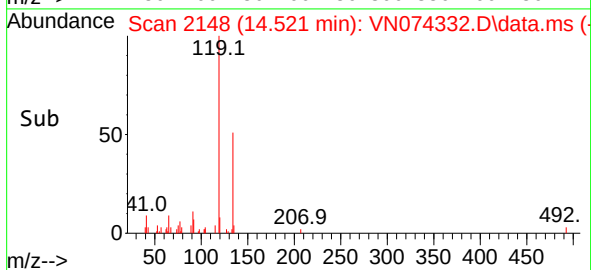
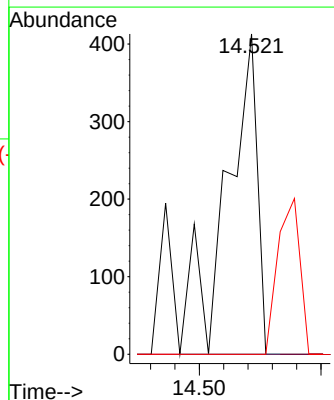
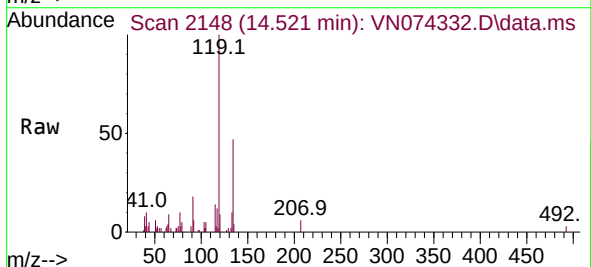
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-31

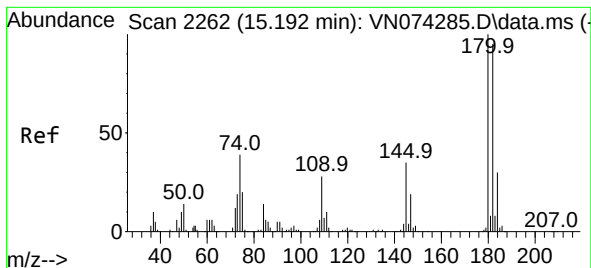
Tgt Ion:117 Resp: 4130  
Ion Ratio Lower Upper  
117 100  
201 0.0 40.6 122.0#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.207 ug/l  
RT: 14.521 min Scan# 2148  
Delta R.T. -0.018 min  
Lab File: VN074332.D  
Acq: 03 Sep 2022 21:24

Tgt Ion: 75 Resp: 369  
Ion Ratio Lower Upper  
75 100  
155 0.0 44.9 134.5#  
157 34.4 59.0 176.8#





#93

1,2,4-Trichlorobenzene

Concen: 1.024 ug/l

RT: 15.186 min Scan# 2261

Delta R.T. -0.012 min

Lab File: VN074332.D

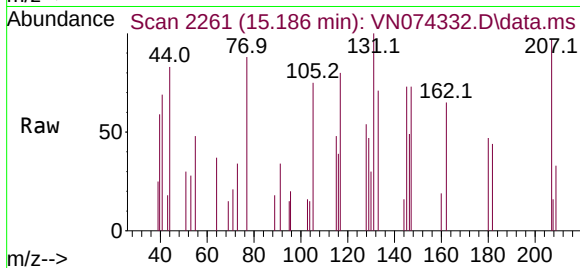
Acq: 03 Sep 2022 21:24

Instrument :

MSVOA\_N

ClientSampleId :

MW-31



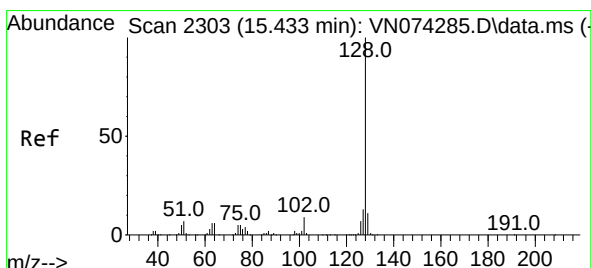
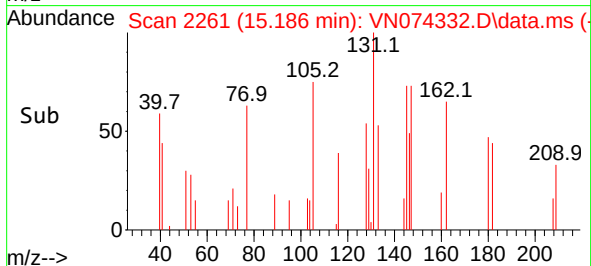
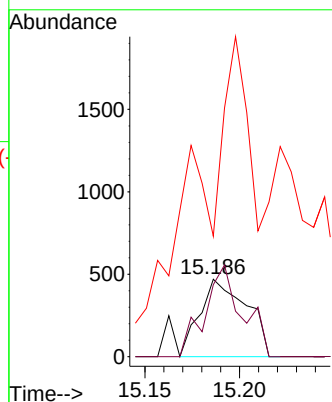
Tgt Ion:180 Resp: 808

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.5

145 240.3 14.5 43.5#



#95

Naphthalene

Concen: 7.497 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN074332.D

Acq: 03 Sep 2022 21:24

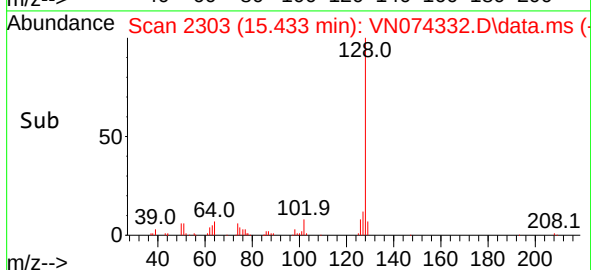
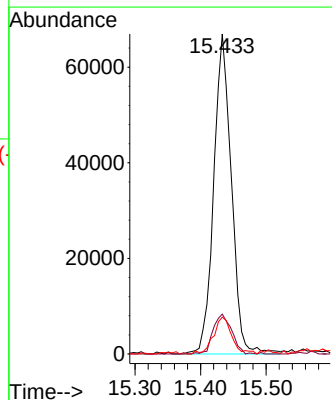
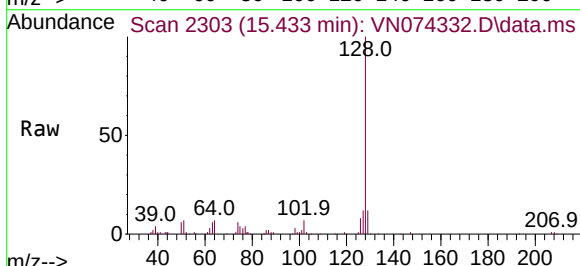
Tgt Ion:128 Resp: 125244

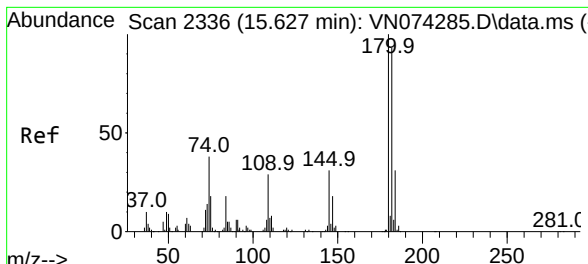
Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

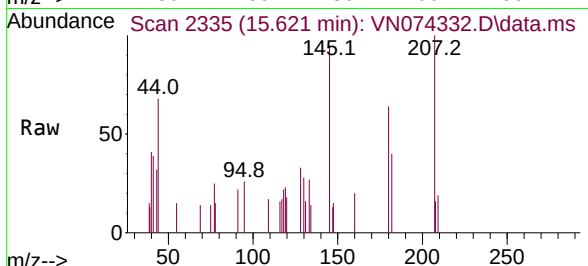
129 11.9 8.6 13.0





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.544 ug/l  
 RT: 15.621 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VN074332.D  
 Acq: 03 Sep 2022 21:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-31



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 632   |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 141.8 | 47.8  | 143.3 |
| 145      | 0.0   | 15.5  | 46.5# |

