

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090122\  
 Data File : VN074242.D  
 Acq On : 01 Sep 2022 15:05  
 Operator : JC\MD  
 Sample : N4421-14  
 Misc : 5.51g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-PALM-SP-03-GR

Quant Time: Sep 01 16:16:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083022W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 31 07:02:40 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|-----------|--------|-----------|
| -----                         |        |       |          |           |        |           |
| Internal Standards            |        |       |          |           |        |           |
| 1) Pentafluorobenzene         | 8.004  | 168   | 311714   | 50.000    | ug/l   | -0.01     |
| 34) 1,4-Difluorobenzene       | 8.898  | 114   | 569958   | 50.000    | ug/l   | 0.00      |
| 63) Chlorobenzene-d5          | 11.686 | 117   | 584285   | 50.000    | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4    | 13.616 | 152   | 344021   | 50.000    | ug/l   | 0.00      |
| System Monitoring Compounds   |        |       |          |           |        |           |
| 33) 1,2-Dichloroethane-d4     | 8.363  | 65    | 198527   | 41.056    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | =      | 82.120%   |
| 35) Dibromofluoromethane      | 7.945  | 113   | 166350   | 44.852    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 89.700%   |
| 50) Toluene-d8                | 10.375 | 98    | 639487   | 43.783    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | =      | 87.560%   |
| 62) 4-Bromofluorobenzene      | 12.675 | 95    | 294242   | 66.245    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 132.500%# |
| Target Compounds              |        |       |          |           |        |           |
|                               |        |       |          |           | Qvalue |           |
| 3) Chloromethane              | 2.263  | 50    | 1189     | 0.262     | ug/l # | 22        |
| 5) Bromomethane               | 2.763  | 94    | 1199     | 0.486     | ug/l # | 74        |
| 6) Chloroethane               | 2.899  | 64    | 472      | Below Cal | #      | 42        |
| 11) Tert butyl alcohol        | 5.322  | 59    | 466      | Below Cal | #      | 72        |
| 16) Acetone                   | 4.263  | 43    | 7909     | 2.448     | ug/l   | 94        |
| 18) Methyl Acetate            | 4.781  | 43    | 36202    | 2.498     | ug/l   | 93        |
| 20) Methylene Chloride        | 4.981  | 84    | 2454     | Below Cal | #      | 71        |
| 25) 2-Butanone                | 7.275  | 43    | 10493    | 2.030     | ug/l   | 100       |
| 26) 2,2-Dichloropropane       | 7.375  | 77    | 398      | 0.343     | ug/l   | 78        |
| 31) Cyclohexane               | 8.016  | 56    | 11360    | 1.422     | ug/l # | 52        |
| 32) 1,1,1-Trichloroethane     | 7.928  | 97    | 1891     | 0.294     | ug/l # | 24        |
| 36) 1,1-Dichloropropene       | 8.004  | 75    | 26201    | 4.354     | ug/l # | 43        |
| 37) Ethyl Acetate             | 7.275  | 43    | 10493    | 1.043     | ug/l # | 73        |
| 38) Carbon Tetrachloride      | 8.010  | 117   | 35133    | 6.428     | ug/l # | 17        |
| 40) Benzene                   | 8.381  | 78    | 8276     | 0.438     | ug/l # | 73        |
| 52) Toluene                   | 10.439 | 92    | 9264     | 0.832     | ug/l   | 88        |
| 55) 1,1,2-Trichloroethane     | 10.816 | 97    | 3562     | 0.739     | ug/l # | 26        |
| 56) Ethyl methacrylate        | 10.675 | 69    | 1469     | 0.201     | ug/l # | 28        |
| 58) 2-Chloroethyl Vinyl ether | 9.763  | 63    | 1003     | 0.272     | ug/l   | 97        |
| 59) 2-Hexanone                | 11.033 | 43    | 1900     | 0.255     | ug/l   | 98        |
| 60) Dibromochloromethane      | 11.169 | 129   | 961      | 0.213     | ug/l   | 87        |
| 61) 1,2-Dibromoethane         | 11.086 | 107   | 1379     | 0.300     | ug/l   | 86        |
| 66) 1,1,1,2-Tetrachloroethane | 11.769 | 131   | 1745     | 0.373     | ug/l # | 27        |
| 67) Ethyl Benzene             | 11.786 | 91    | 14615    | 0.619     | ug/l # | 78        |
| 68) m/p-Xylenes               | 11.898 | 106   | 16400    | 1.871     | ug/l   | 91        |
| 69) o-Xylene                  | 12.216 | 106   | 3987     | 0.457     | ug/l   | 64        |
| 71) Bromoform                 | 12.327 | 173   | 20322    | 5.134     | ug/l # | 33        |
| 74) N-amyl acetate            | 12.310 | 43    | 16977    | 1.018     | ug/l # | 1         |
| 76) 1,2,3-Trichloropropane    | 13.057 | 75    | 5536     | Below Cal |        | 40        |
| 77) Bromobenzene              | 12.692 | 156   | 57514    | 8.345     | ug/l # | 1         |
| 78) n-propylbenzene           | 12.863 | 91    | 33968    | 1.011     | ug/l # | 70        |
| 79) 2-Chlorotoluene           | 13.010 | 91    | 4432     | 0.215     | ug/l   | 90        |
| 80) 1,3,5-Trimethylbenzene    | 12.933 | 105   | 17928    | 0.748     | ug/l   | 82        |
| 81) trans-1,4-Dichloro-2-b... | 12.675 | 75    | 160582   | 48.451    | ug/l # | 10        |
| 82) 4-Chlorotoluene           | 13.010 | 91    | 4432     | 0.223     | ug/l   | 90        |
| 84) 1,2,4-Trimethylbenzene    | 13.304 | 105   | 40447    | 1.749     | ug/l   | 85        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090122\  
 Data File : VN074242.D  
 Acq On : 01 Sep 2022 15:05  
 Operator : JC\MD  
 Sample : N4421-14  
 Misc : 5.51g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-PALM-SP-03-GR

Quant Time: Sep 01 16:16:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083022W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 31 07:02:40 2022  
 Response via : Initial Calibration

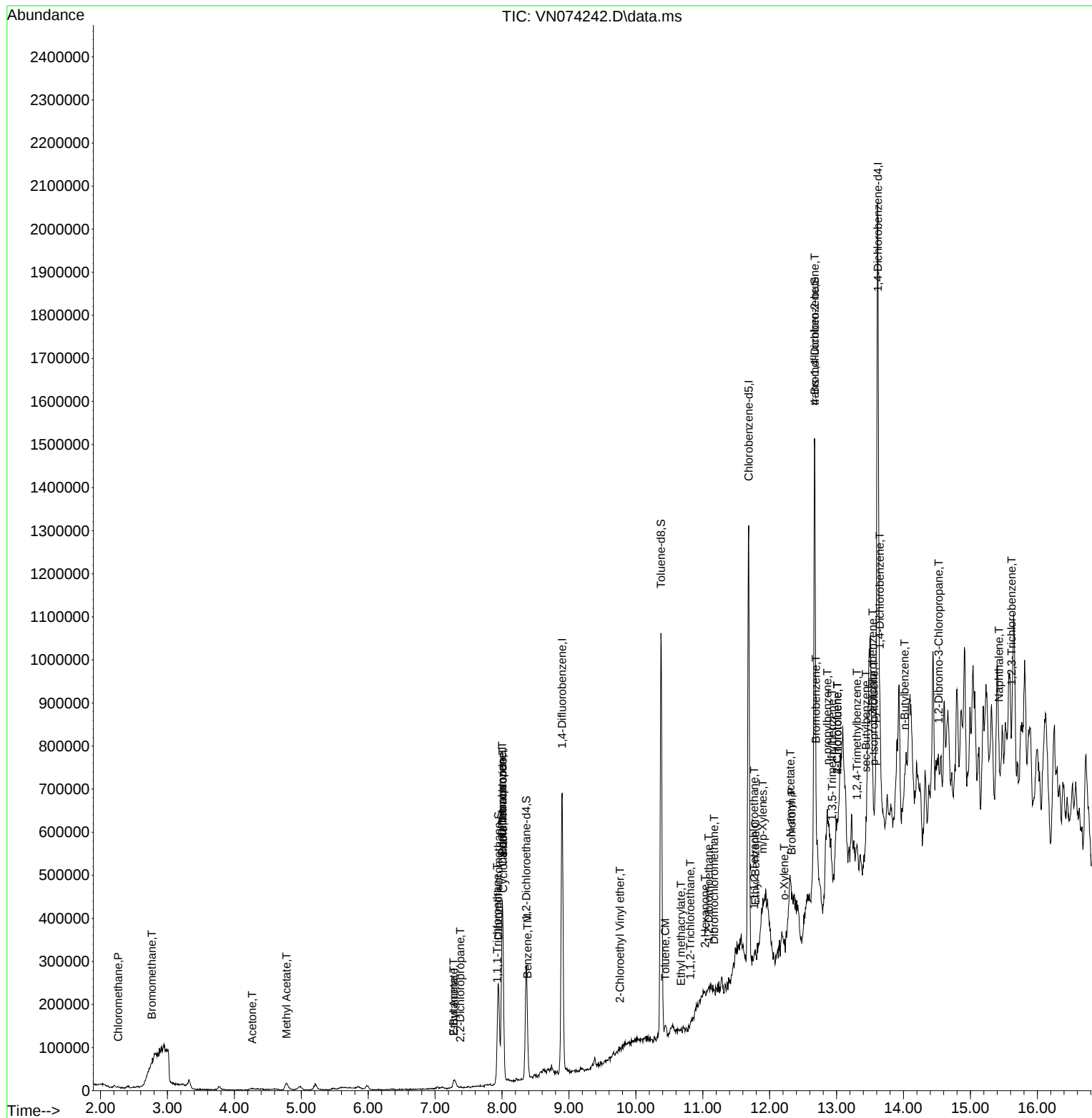
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 85) sec-Butylbenzene          | 13.439 | 105  | 11443    | 0.398 | ug/l   | 92       |
| 86) p-Isopropyltoluene        | 13.557 | 119  | 5726     | 0.256 | ug/l # | 51       |
| 87) 1,3-Dichlorobenzene       | 13.539 | 146  | 3004     | 0.245 | ug/l # | 25       |
| 88) 1,4-Dichlorobenzene       | 13.645 | 146  | 3567     | 0.281 | ug/l # | 26       |
| 89) n-Butylbenzene            | 14.016 | 91   | 8134     | 0.417 | ug/l   | 75       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.527 | 75   | 721      | 0.295 | ug/l # | 1        |
| 95) Naphthalene               | 15.427 | 128  | 52017    | 3.098 | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.616 | 180  | 1635     | 0.249 | ug/l # | 1        |
| -----                         |        |      |          |       |        |          |

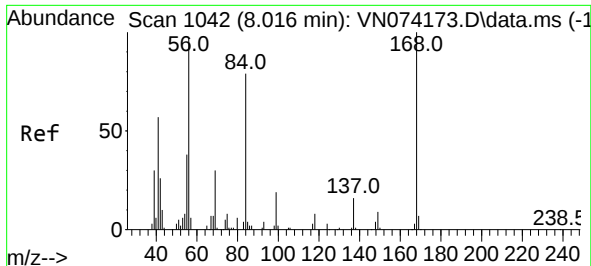
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN074242\  
 Data File : VN074242.D  
 Acq On : 01 Sep 2022 15:05  
 Operator : JC\MD  
 Sample : N4421-14  
 Misc : 5.51g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-PALM-SP-03-GR

Quant Time: Sep 01 16:16:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083022W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 31 07:02:40 2022  
 Response via : Initial Calibration

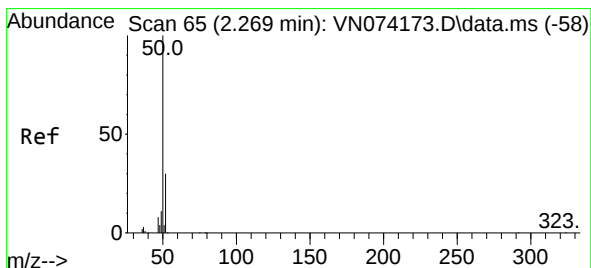
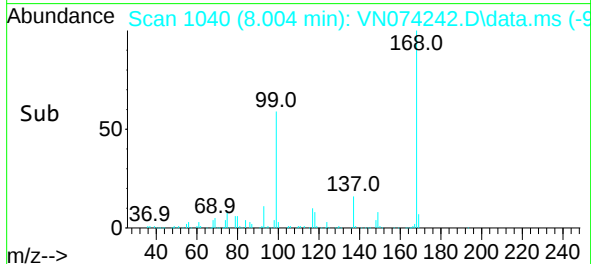
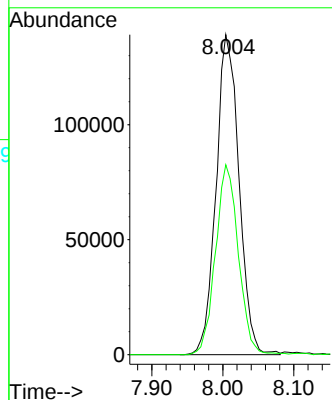
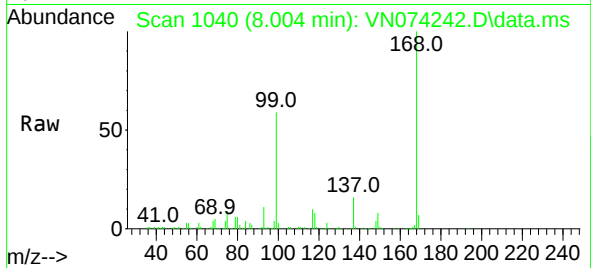




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.004 min Scan# 1040  
Delta R.T. -0.012 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

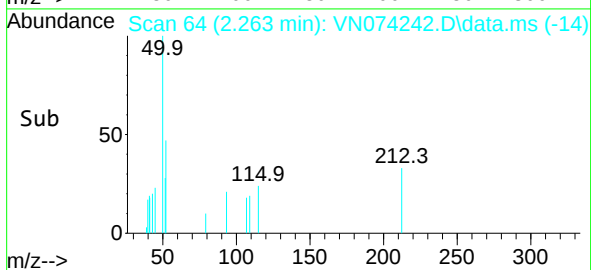
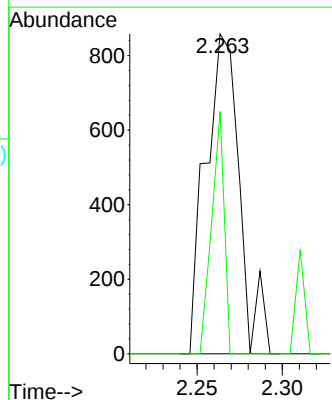
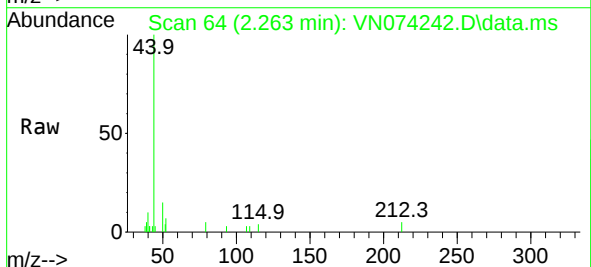
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

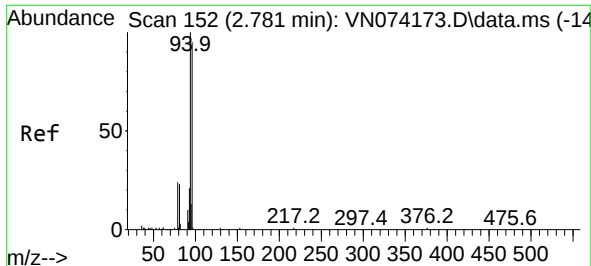
Tgt Ion:168 Resp: 311714  
Ion Ratio Lower Upper  
168 100  
99 59.4 42.3 63.5



#3  
Chloromethane  
Concen: 0.262 ug/l  
RT: 2.263 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion: 50 Resp: 1189  
Ion Ratio Lower Upper  
50 100  
52 75.8 25.7 38.5#

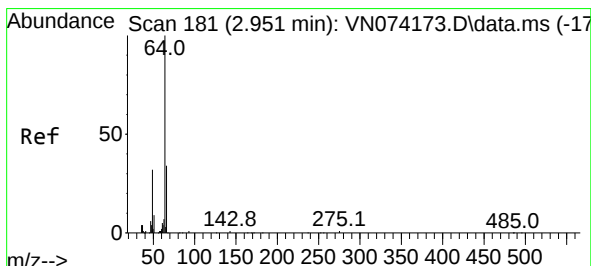
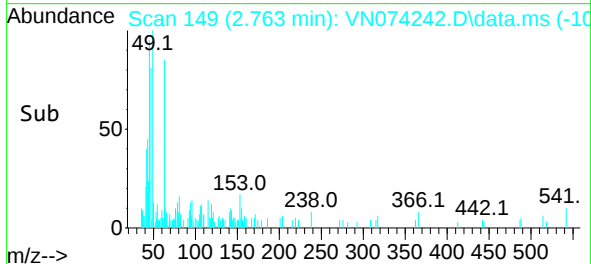
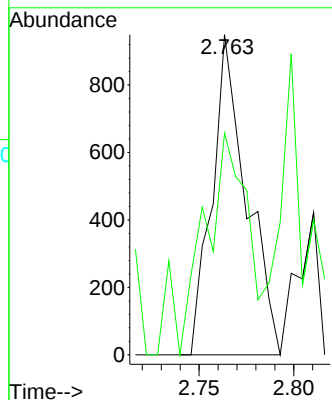
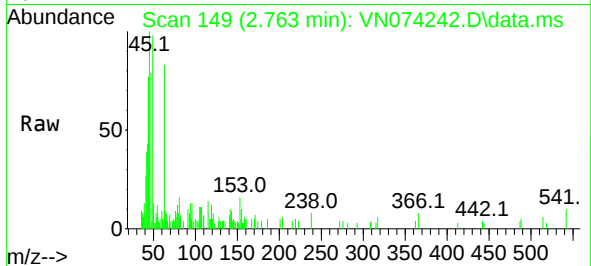




#5  
Bromomethane  
Concen: 0.486 ug/l  
RT: 2.763 min Scan# 14  
Delta R.T. -0.018 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

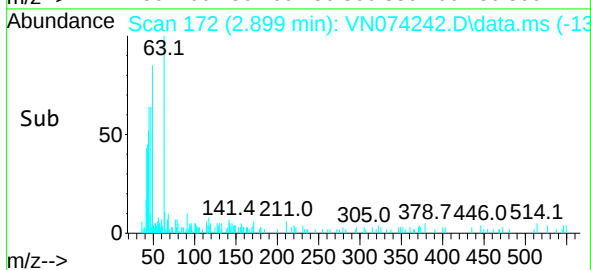
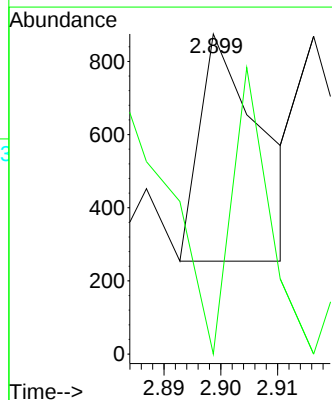
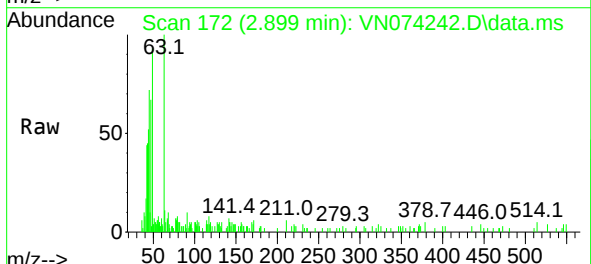
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

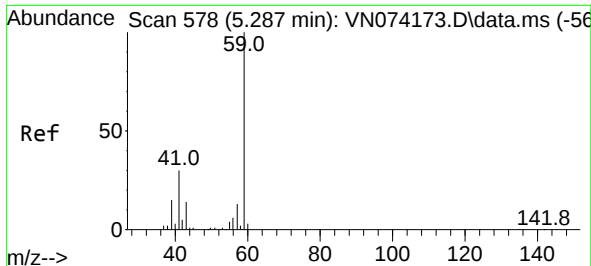
Tgt Ion: 94 Resp: 1199  
Ion Ratio Lower Upper  
94 100  
96 69.3 76.0 114.0#



#6  
Chloroethane  
Concen: Below Cal  
RT: 2.899 min Scan# 172  
Delta R.T. -0.052 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion: 64 Resp: 472  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.2 39.4#

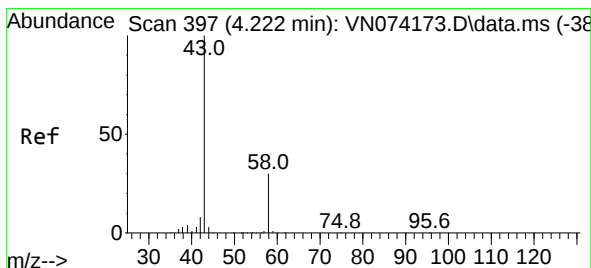
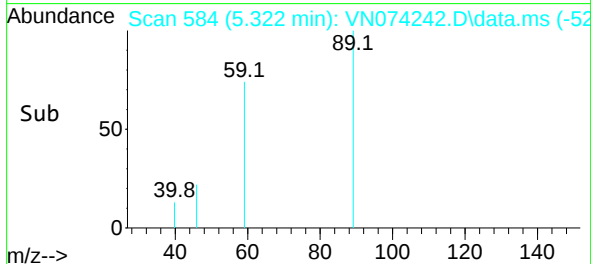
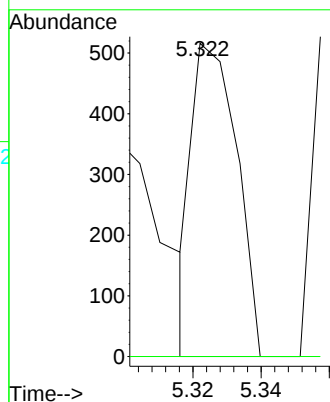
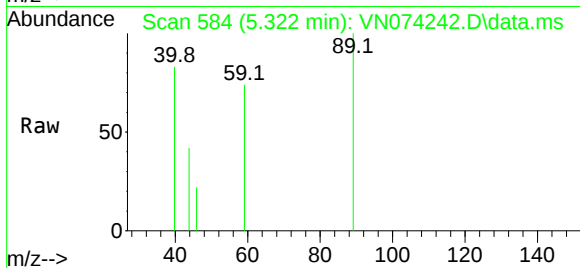




#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 5.322 min Scan# 51  
Delta R.T. 0.035 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

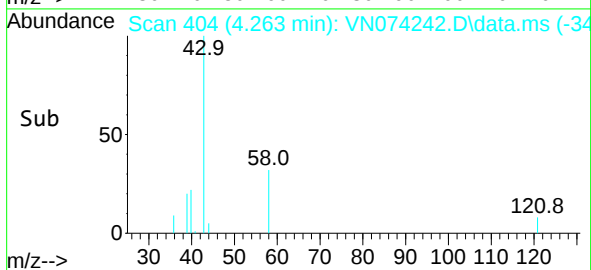
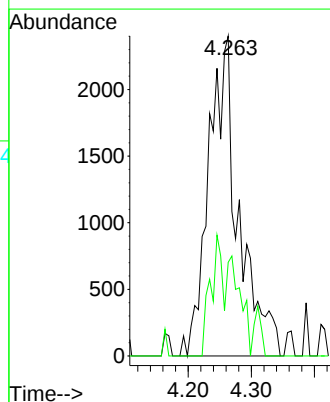
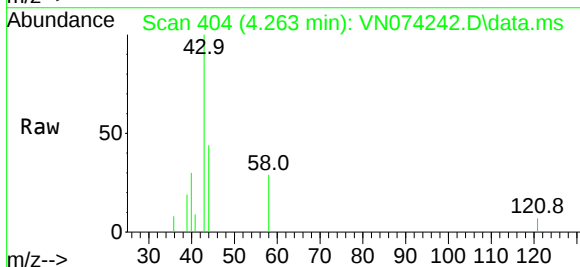
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

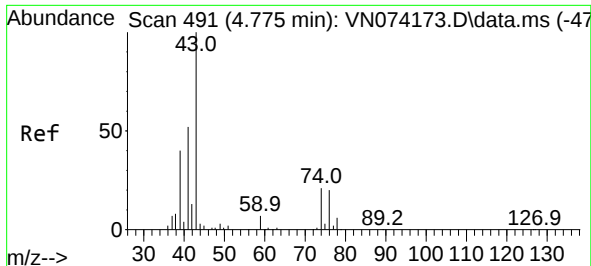
Tgt Ion: 59 Resp: 466  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#



#16  
Acetone  
Concen: 2.448 ug/l  
RT: 4.263 min Scan# 404  
Delta R.T. 0.041 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion: 43 Resp: 7909  
Ion Ratio Lower Upper  
43 100  
58 29.3 26.0 39.0

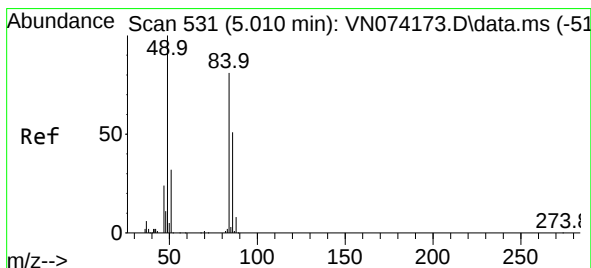
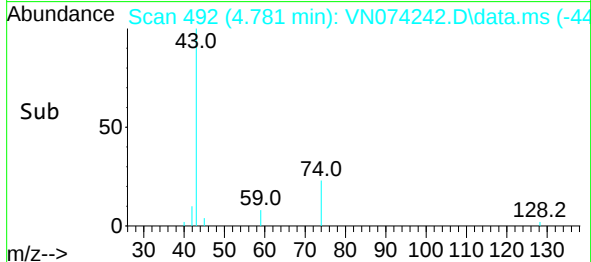
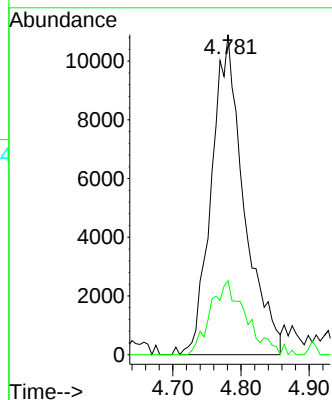
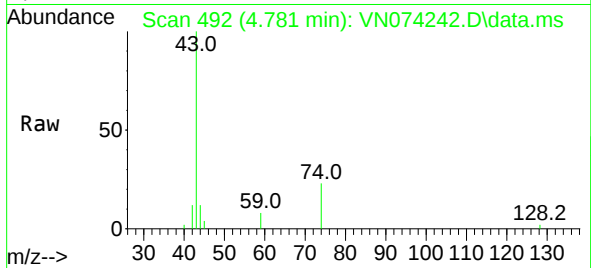




#18  
Methyl Acetate  
Concen: 2.498 ug/l  
RT: 4.781 min Scan# 491  
Delta R.T. 0.006 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

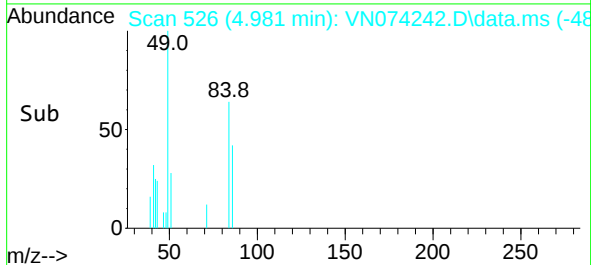
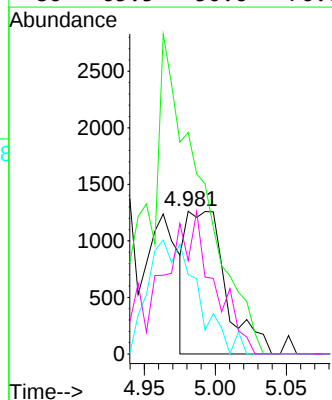
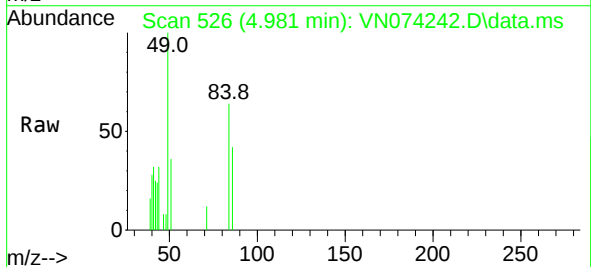
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

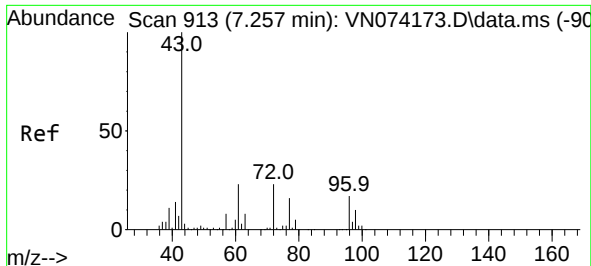
Tgt Ion: 43 Resp: 36202  
Ion Ratio Lower Upper  
43 100  
74 23.3 21.6 32.4



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.981 min Scan# 526  
Delta R.T. -0.029 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion: 84 Resp: 2454  
Ion Ratio Lower Upper  
84 100  
49 155.2 88.3 132.5#  
51 55.6 28.2 42.2#  
86 65.5 50.6 76.0

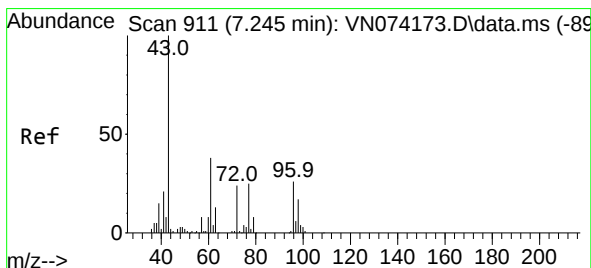
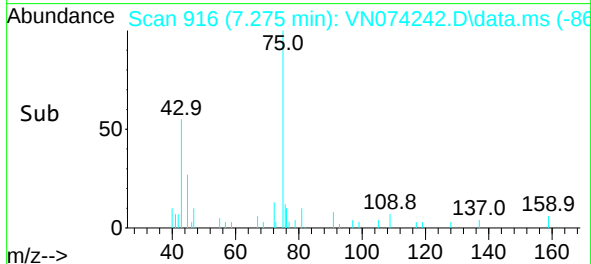
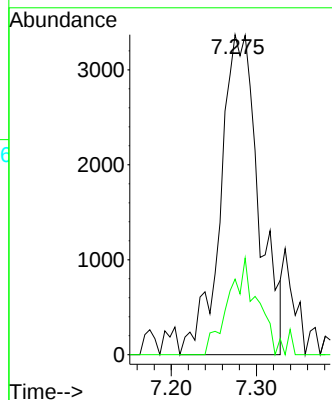
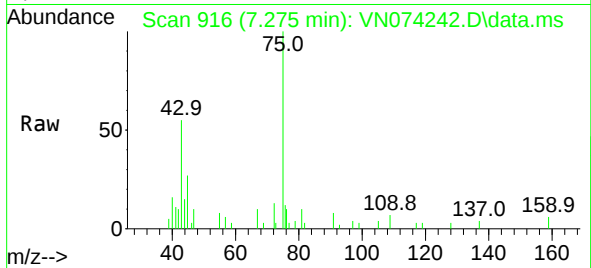




#25  
2-Butanone  
Concen: 2.030 ug/l  
RT: 7.275 min Scan# 916  
Delta R.T. 0.018 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

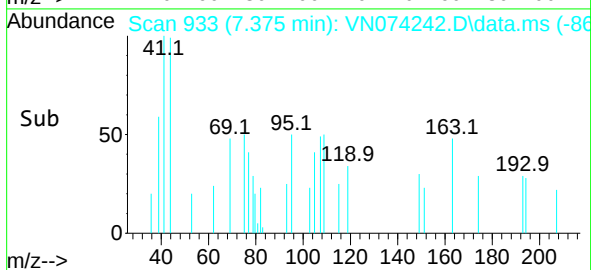
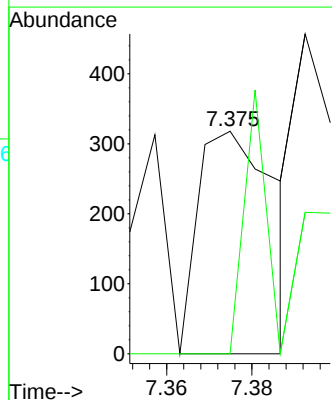
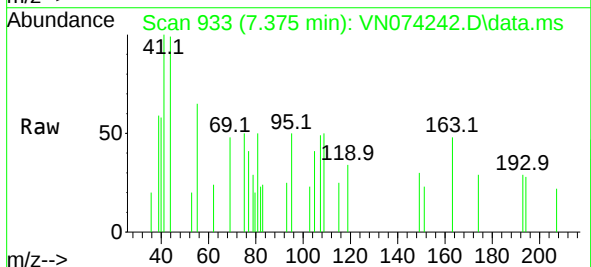
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

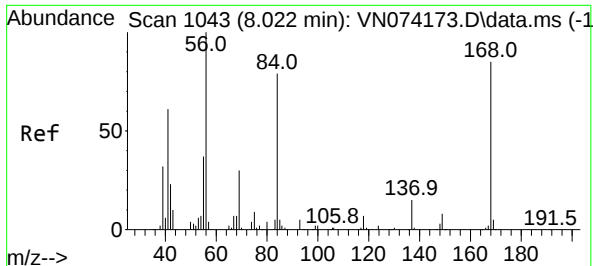
Tgt Ion: 43 Resp: 10493  
Ion Ratio Lower Upper  
43 100  
72 29.7 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 0.343 ug/l  
RT: 7.375 min Scan# 933  
Delta R.T. 0.130 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion: 77 Resp: 398  
Ion Ratio Lower Upper  
77 100  
97 33.4 11.4 34.2

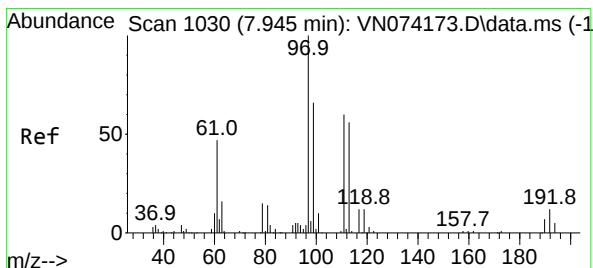
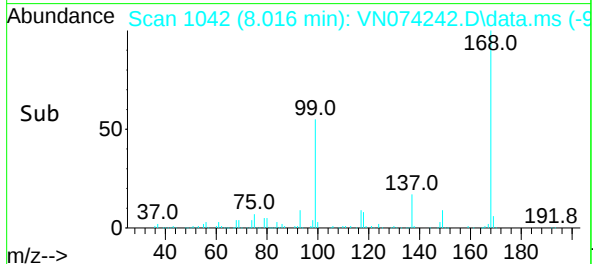
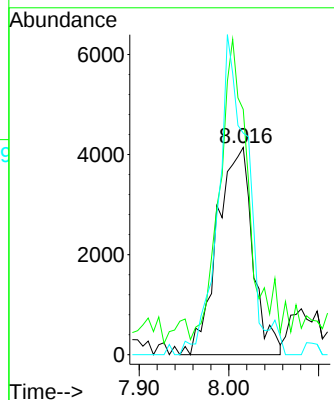
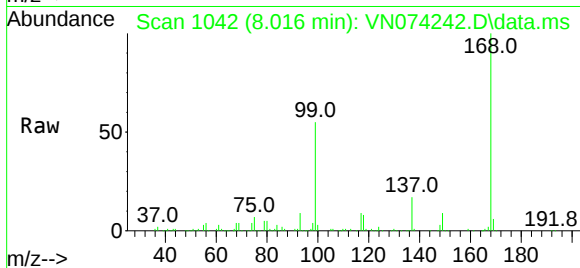




#31  
Cyclohexane  
Concen: 1.422 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

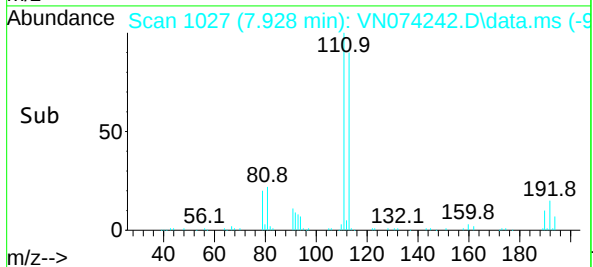
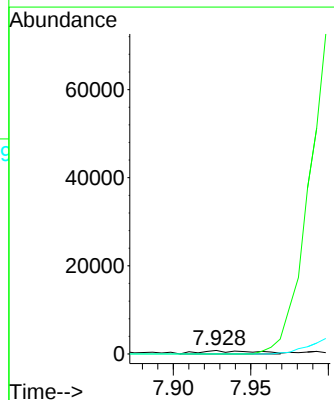
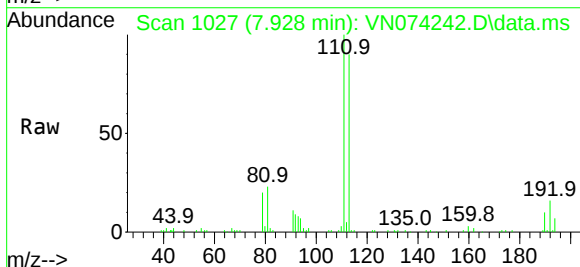
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

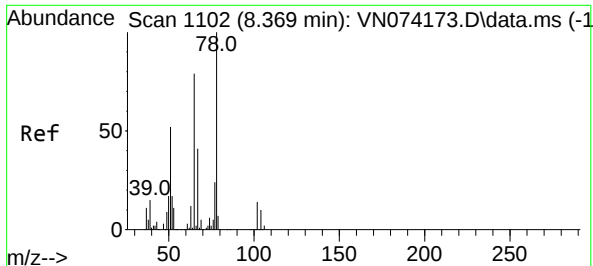
Tgt Ion: 56 Resp: 11360  
Ion Ratio Lower Upper  
56 100  
69 113.2 27.8 41.8#  
84 112.2 76.9 115.3



#32  
1,1,1-Trichloroethane  
Concen: 0.294 ug/l  
RT: 7.928 min Scan# 1027  
Delta R.T. -0.018 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion: 97 Resp: 1891  
Ion Ratio Lower Upper  
97 100  
99 0.0 50.6 76.0#  
61 0.0 36.0 54.0#





#33

1,2-Dichloroethane-d4

Concen: 41.056 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN074242.D

Acq: 01 Sep 2022 15:05

Instrument :

MSVOA\_N

ClientSampleId :

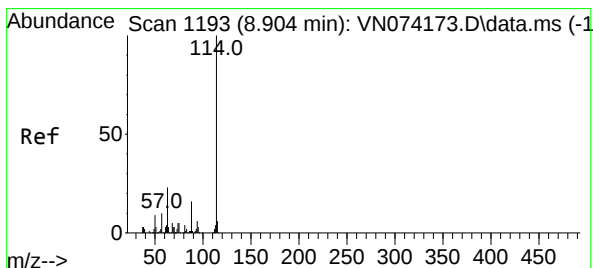
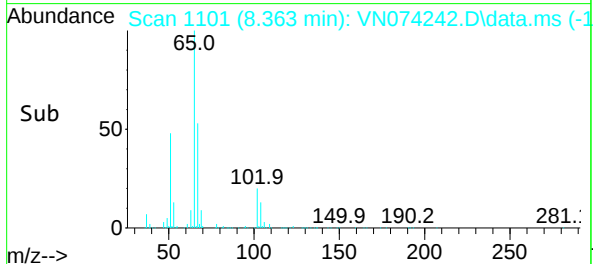
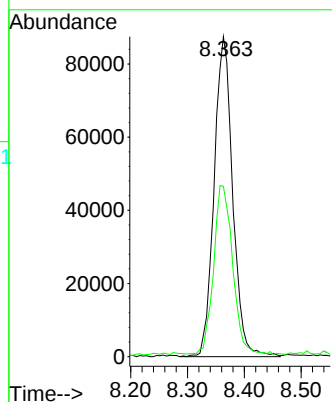
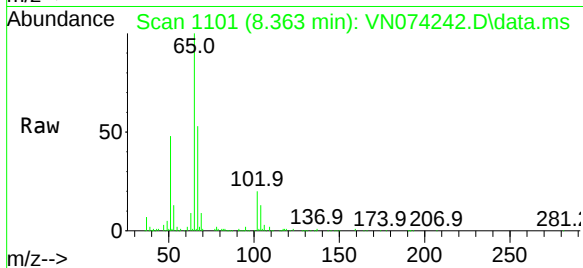
WC-PALM-SP-03-GR

Tgt Ion: 65 Resp: 198527

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN074242.D

Acq: 01 Sep 2022 15:05

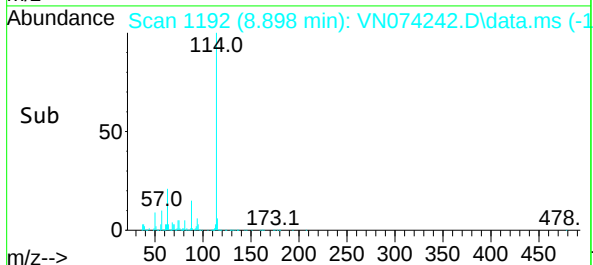
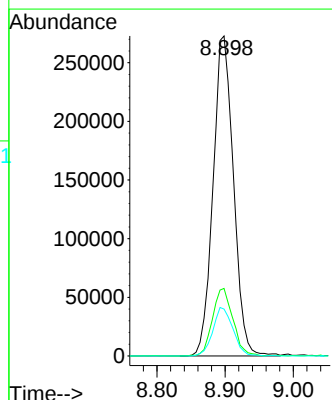
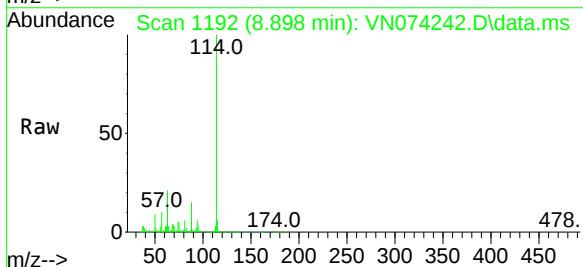
Tgt Ion: 114 Resp: 569958

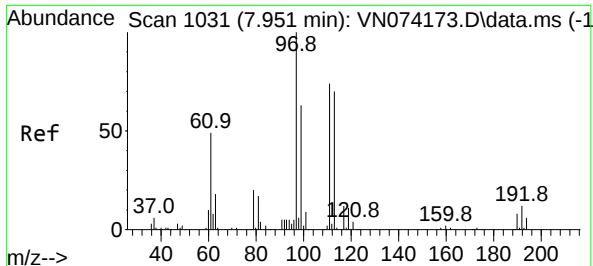
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 44.852 ug/l

RT: 7.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074242.D

Acq: 01 Sep 2022 15:05

Instrument :

MSVOA\_N

ClientSampleId :

WC-PALM-SP-03-GR

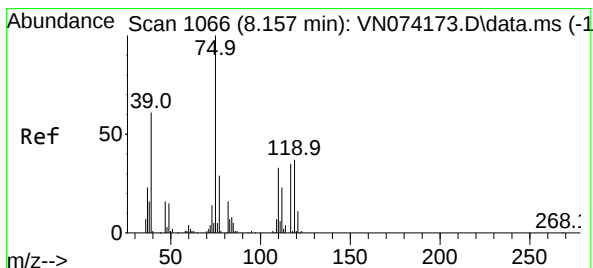
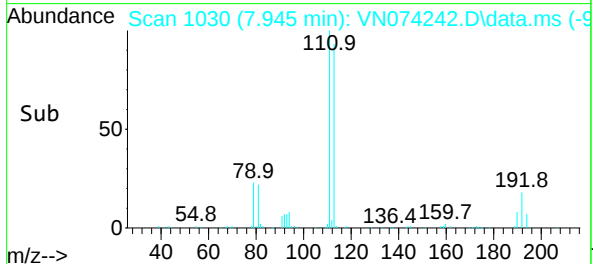
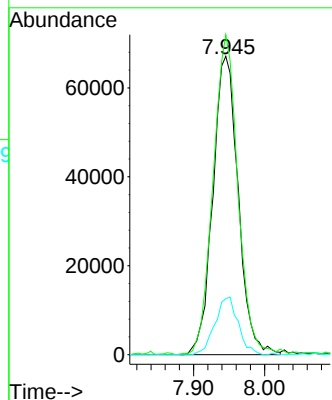
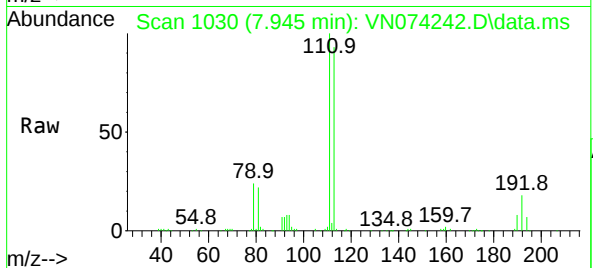
Tgt Ion:113 Resp: 166350

Ion Ratio Lower Upper

113 100

111 105.4 81.4 122.0

192 17.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.354 ug/l

RT: 8.004 min Scan# 1040

Delta R.T. -0.153 min

Lab File: VN074242.D

Acq: 01 Sep 2022 15:05

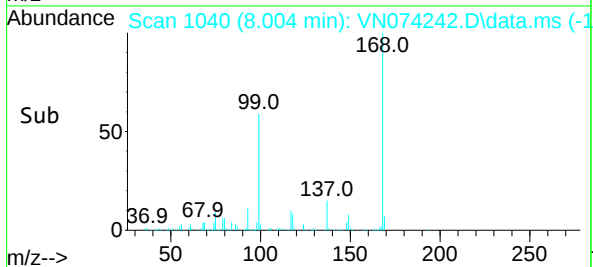
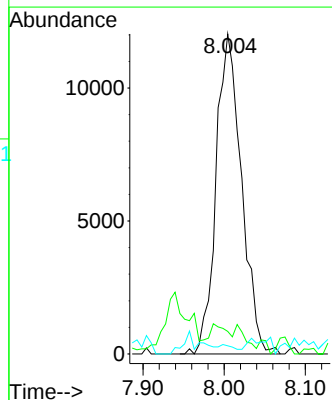
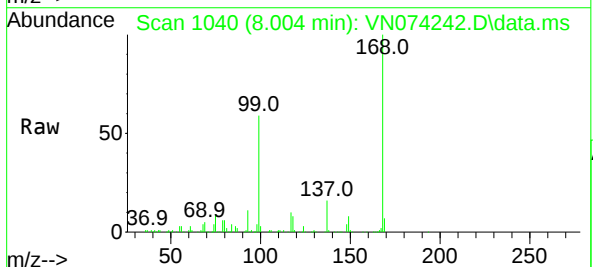
Tgt Ion: 75 Resp: 26201

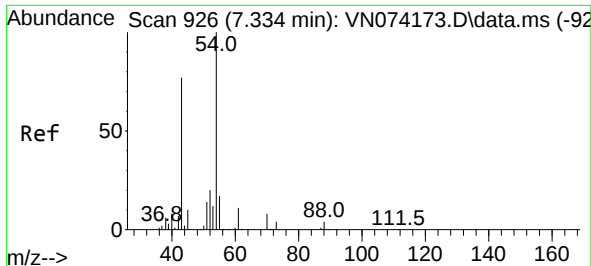
Ion Ratio Lower Upper

75 100

110 2.9 18.3 54.8#

77 0.0 25.1 37.7#

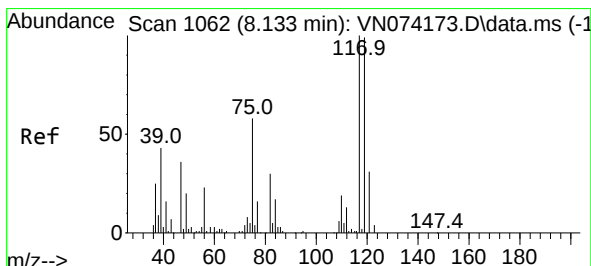
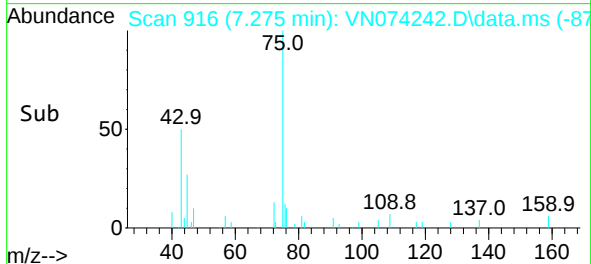
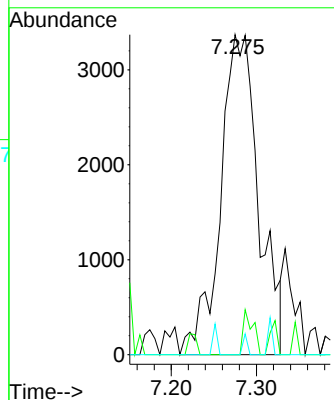
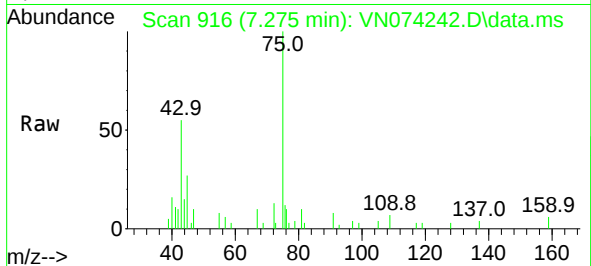




#37  
Ethyl Acetate  
Concen: 1.043 ug/l  
RT: 7.275 min Scan# 916  
Delta R.T. -0.059 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

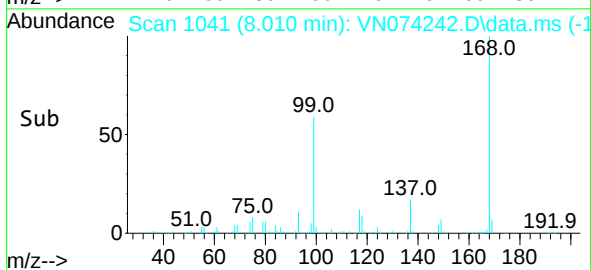
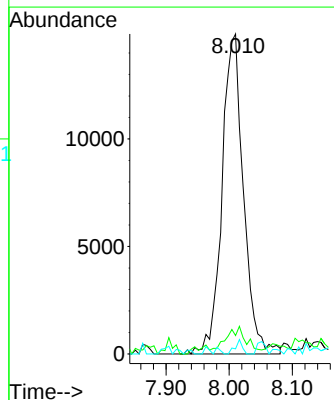
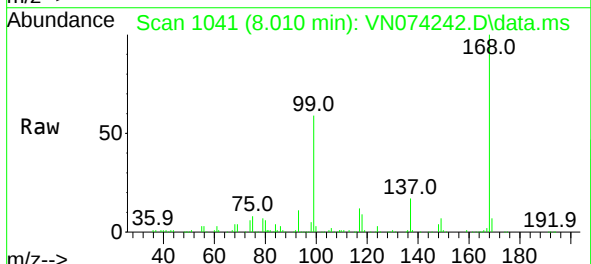
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

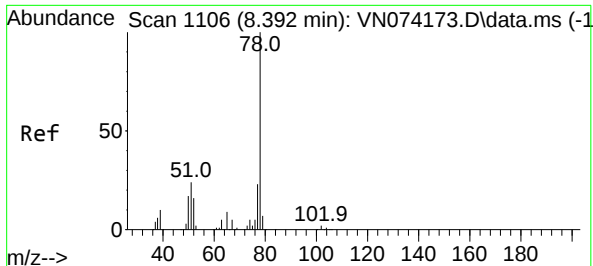
Tgt Ion: 43 Resp: 10493  
Ion Ratio Lower Upper  
43 100  
61 3.6 11.8 17.6#  
70 0.7 9.3 13.9#



#38  
Carbon Tetrachloride  
Concen: 6.428 ug/l  
RT: 8.010 min Scan# 1041  
Delta R.T. -0.123 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion: 117 Resp: 35133  
Ion Ratio Lower Upper  
117 100  
119 5.8 75.8 113.8#  
121 0.5 24.6 37.0#

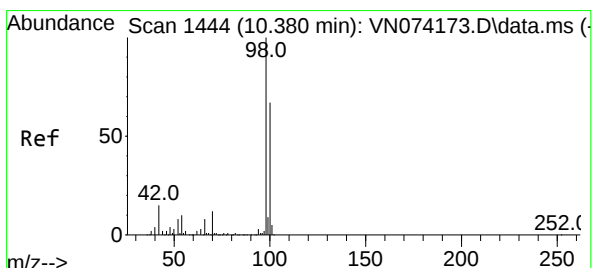
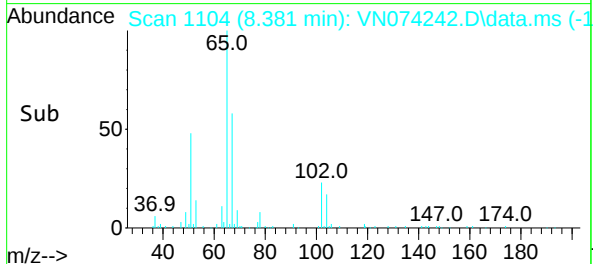
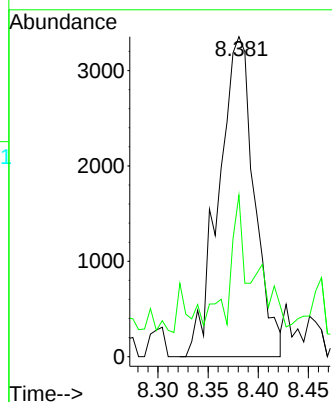
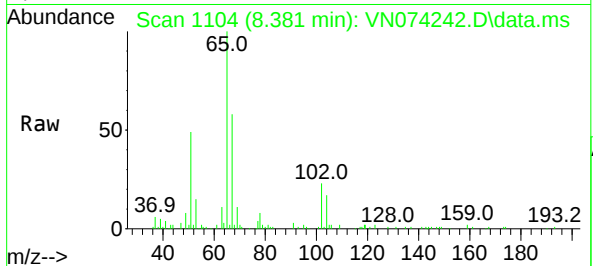




#40  
Benzene  
Concen: 0.438 ug/l  
RT: 8.381 min Scan# 1104  
Delta R.T. -0.012 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

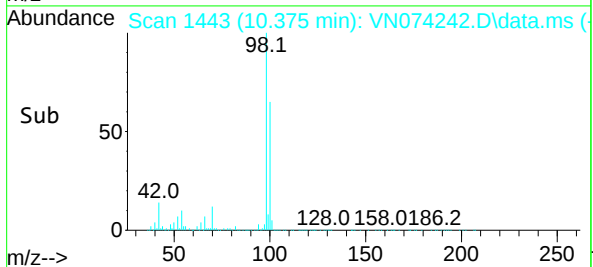
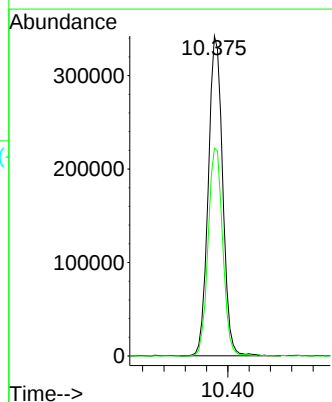
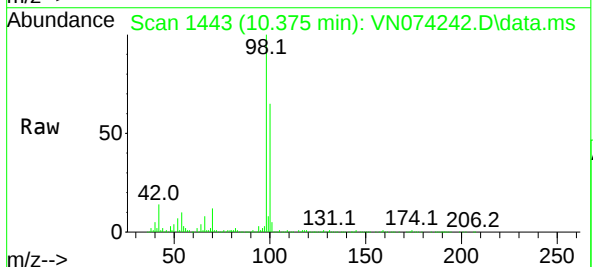
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

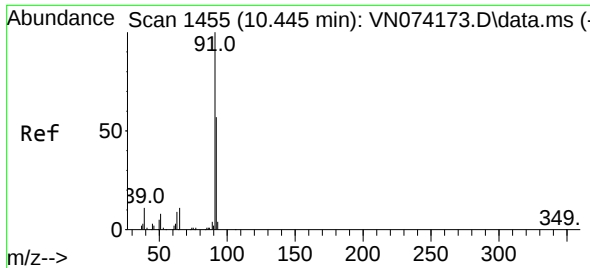
Tgt Ion: 78 Resp: 8276  
Ion Ratio Lower Upper  
78 100  
77 37.3 19.4 29.0#



#50  
Toluene-d8  
Concen: 43.783 ug/l  
RT: 10.375 min Scan# 1443  
Delta R.T. -0.006 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion: 98 Resp: 639487  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.6 78.8

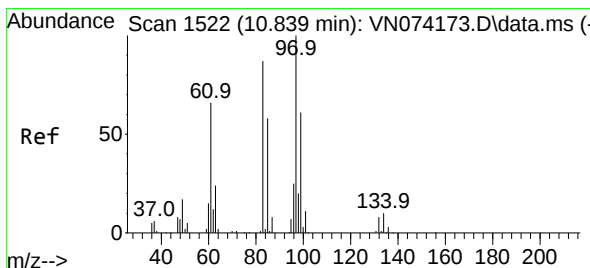
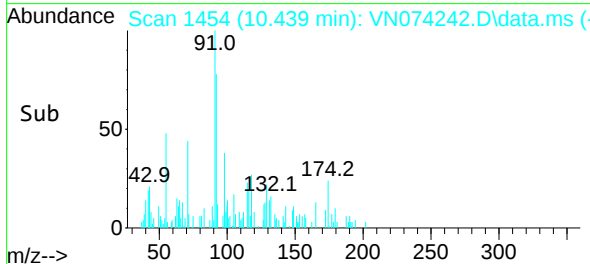
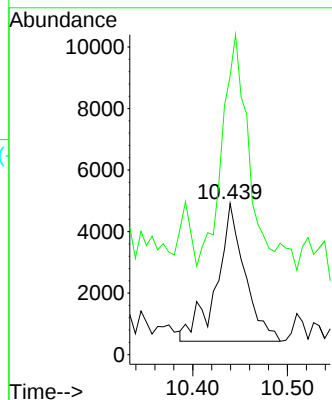
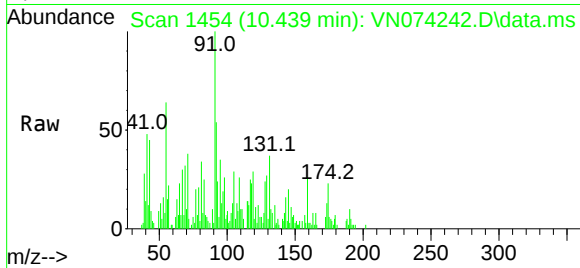




#52  
Toluene  
Concen: 0.832 ug/l  
RT: 10.439 min Scan# 1455  
Delta R.T. -0.006 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

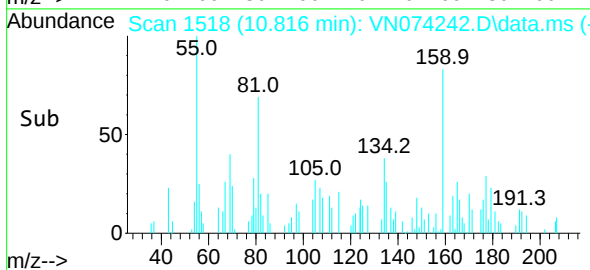
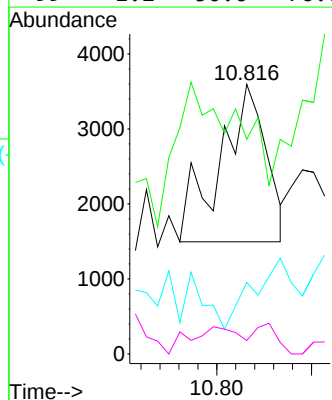
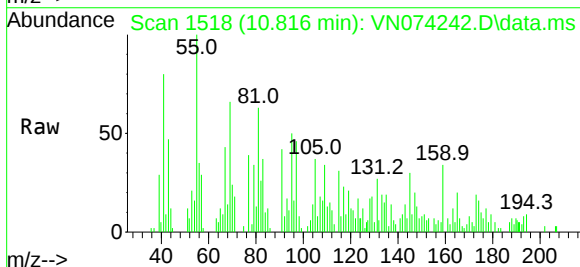
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

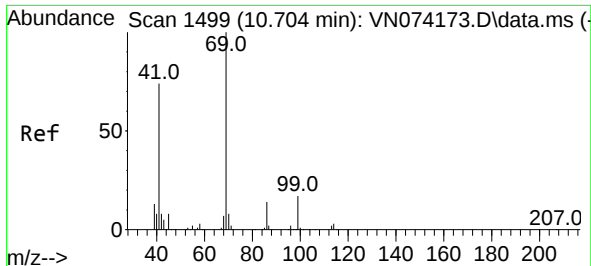
Tgt Ion: 92 Resp: 9264  
Ion Ratio Lower Upper  
92 100  
91 157.2 138.6 207.8



#55  
1,1,2-Trichloroethane  
Concen: 0.739 ug/l  
RT: 10.816 min Scan# 1518  
Delta R.T. -0.023 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion: 97 Resp: 3562  
Ion Ratio Lower Upper  
97 100  
83 0.1 66.2 99.4#  
85 25.4 43.9 65.9#  
99 1.2 50.6 76.0#

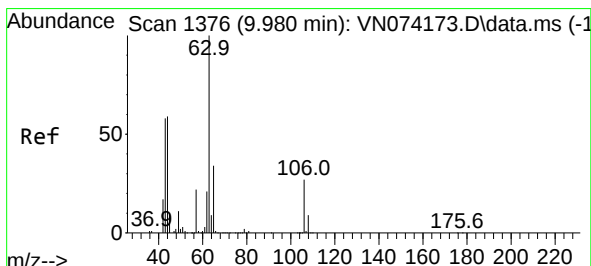
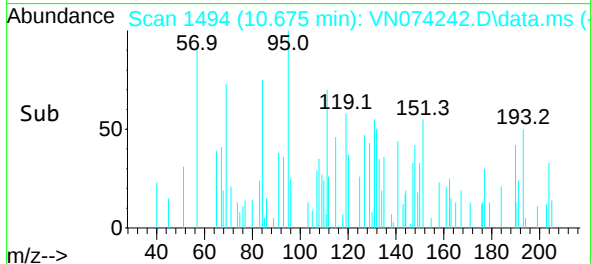
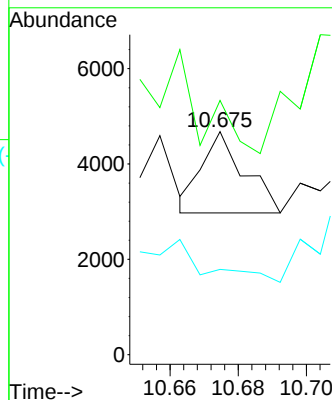
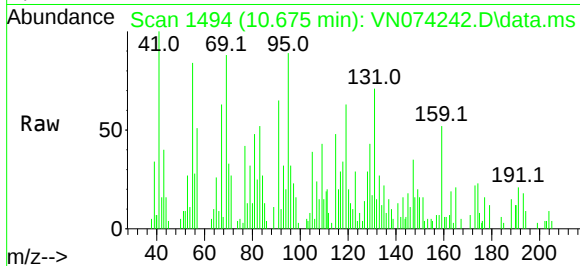




#56  
Ethyl methacrylate  
Concen: 0.201 ug/l  
RT: 10.675 min Scan# 1499  
Delta R.T. -0.029 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

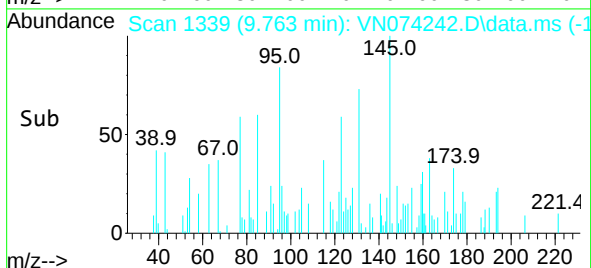
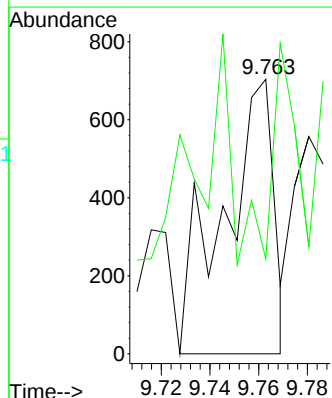
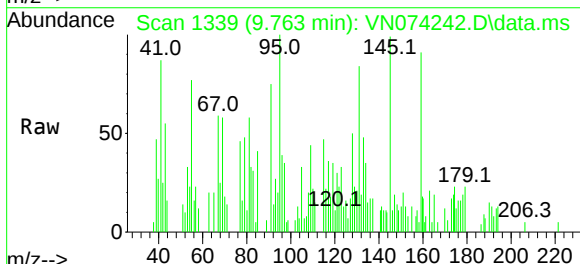
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

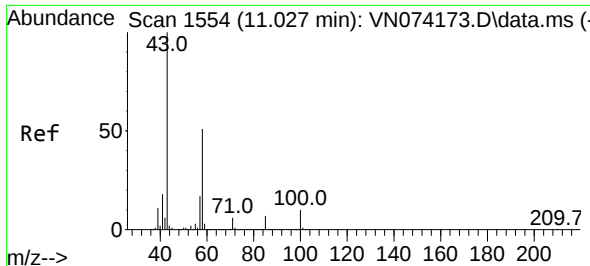
Tgt Ion: 69 Resp: 1469  
Ion Ratio Lower Upper  
69 100  
41 0.0 47.8 71.6#  
39 0.0 27.3 40.9#



#58  
2-Chloroethyl Vinyl ether  
Concen: 0.272 ug/l  
RT: 9.763 min Scan# 1339  
Delta R.T. -0.218 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion: 63 Resp: 1003  
Ion Ratio Lower Upper  
63 100  
106 32.6 24.6 36.8

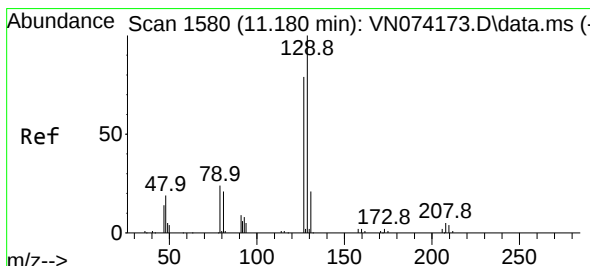
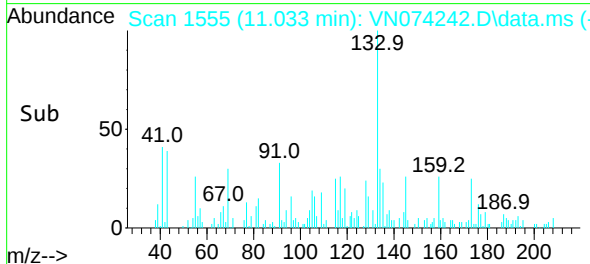
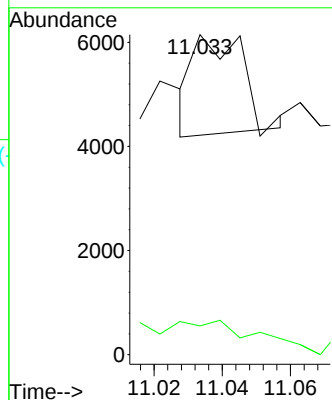
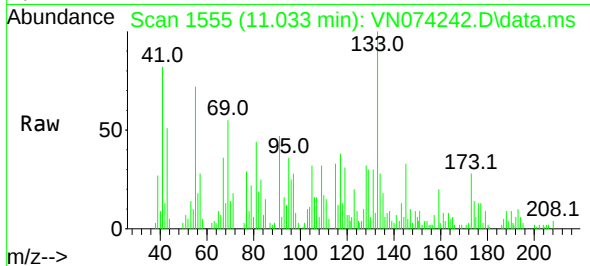




#59  
2-Hexanone  
Concen: 0.255 ug/l  
RT: 11.033 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

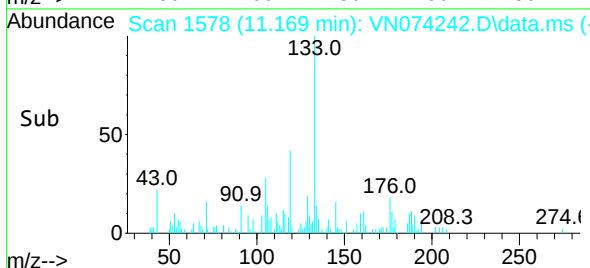
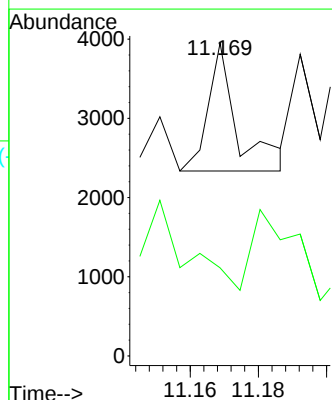
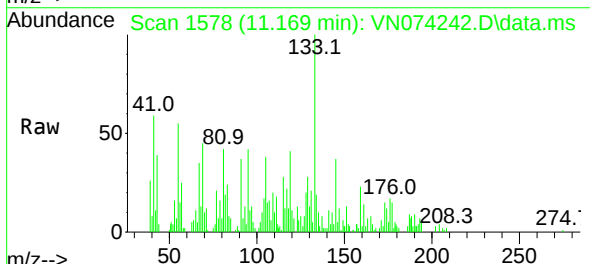
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

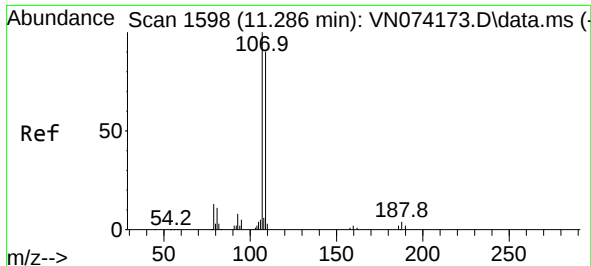
Tgt Ion: 43 Resp: 1900  
Ion Ratio Lower Upper  
43 100  
58 57.8 29.7 89.1



#60  
Dibromochloromethane  
Concen: 0.213 ug/l  
RT: 11.169 min Scan# 1578  
Delta R.T. -0.012 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion: 129 Resp: 961  
Ion Ratio Lower Upper  
129 100  
127 89.1 38.8 116.4

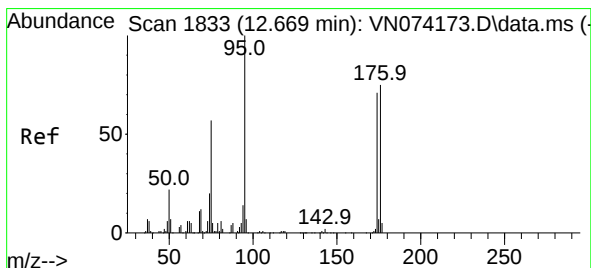
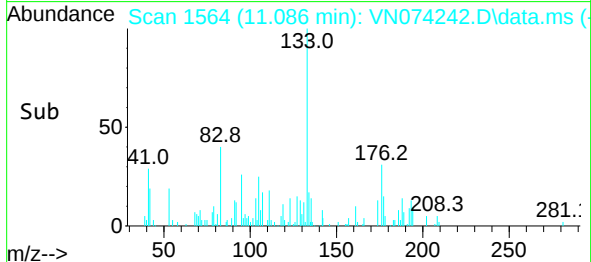
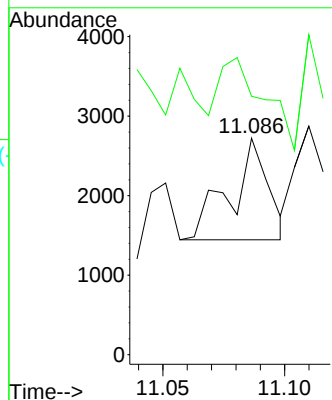
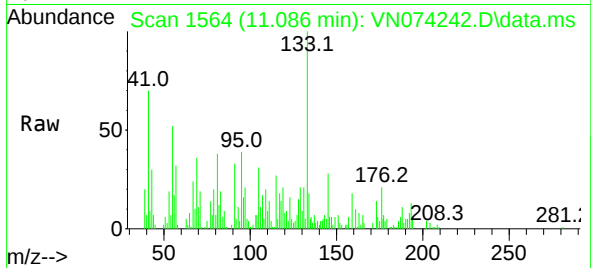




#61  
1,2-Dibromoethane  
Concen: 0.300 ug/l  
RT: 11.086 min Scan# 1598  
Delta R.T. -0.200 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

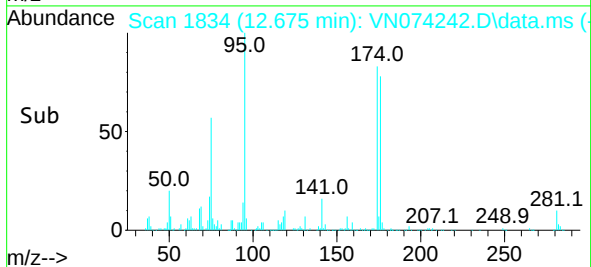
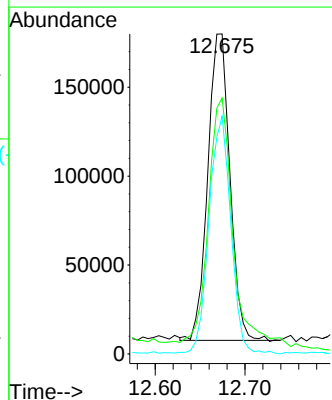
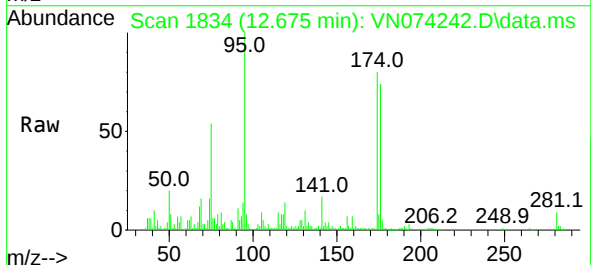
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

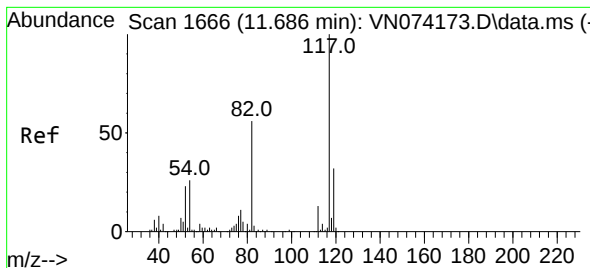
Tgt Ion:107 Resp: 1379  
Ion Ratio Lower Upper  
107 100  
109 107.3 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 66.245 ug/l  
RT: 12.675 min Scan# 1834  
Delta R.T. 0.006 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion: 95 Resp: 294242  
Ion Ratio Lower Upper  
95 100  
174 96.9 0.0 167.6  
176 77.1 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074242.D

Acq: 01 Sep 2022 15:05

Instrument :

MSVOA\_N

ClientSampleId :

WC-PALM-SP-03-GR

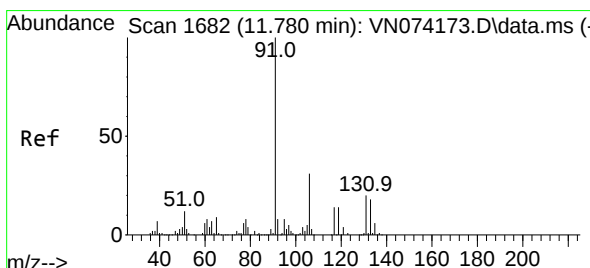
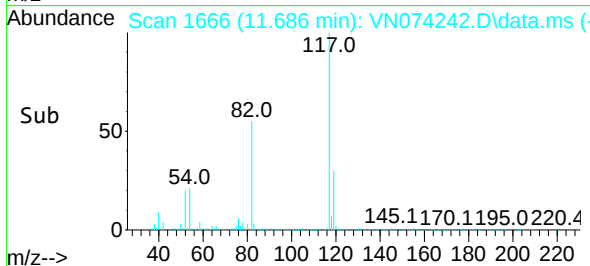
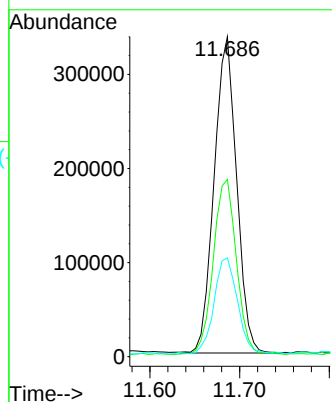
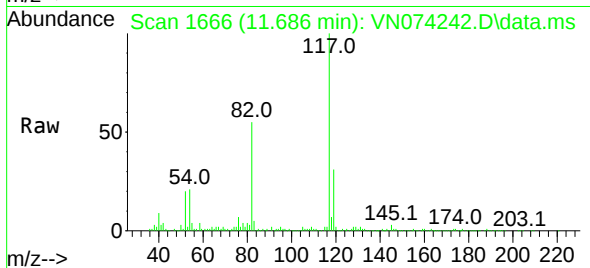
Tgt Ion:117 Resp: 584285

Ion Ratio Lower Upper

117 100

82 55.2 44.2 66.2

119 30.0 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 0.373 ug/l

RT: 11.769 min Scan# 1680

Delta R.T. -0.012 min

Lab File: VN074242.D

Acq: 01 Sep 2022 15:05

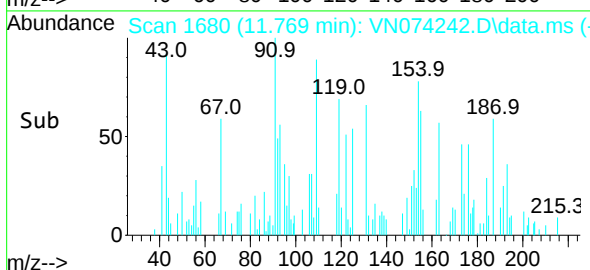
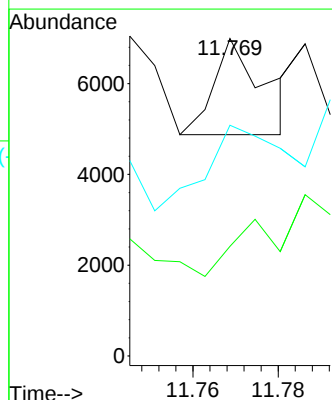
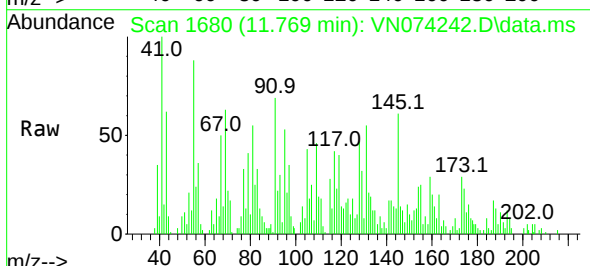
Tgt Ion:131 Resp: 1745

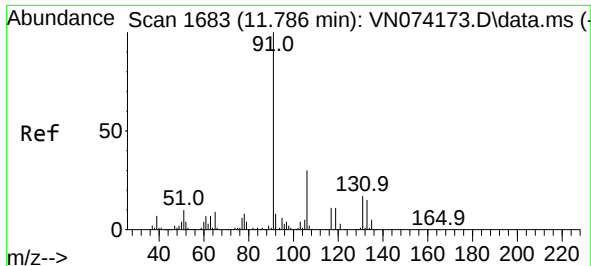
Ion Ratio Lower Upper

131 100

133 159.9 47.8 143.4#

119 0.0 33.4 100.2#





#67

Ethyl Benzene

Concen: 0.619 ug/l

RT: 11.786 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074242.D

Acq: 01 Sep 2022 15:05

Instrument :

MSVOA\_N

ClientSampleId :

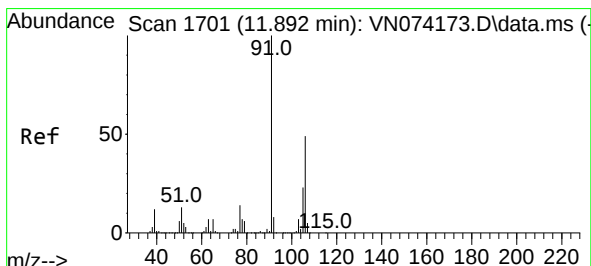
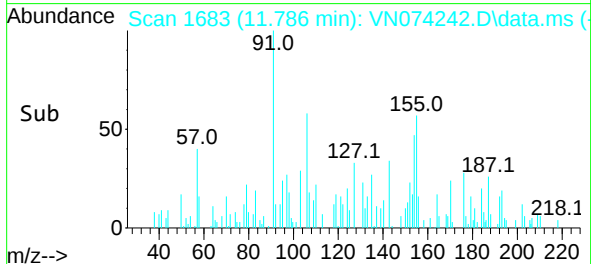
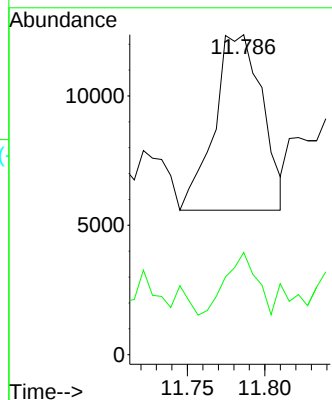
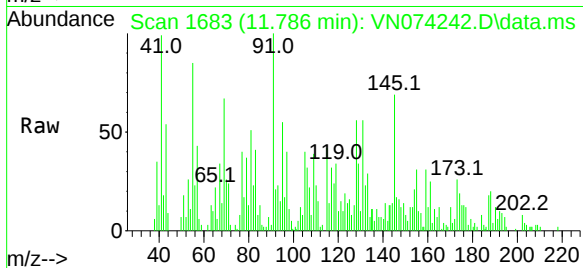
WC-PALM-SP-03-GR

Tgt Ion: 91 Resp: 14615

Ion Ratio Lower Upper

91 100

106 18.9 24.9 37.3#



#68

m/p-Xylenes

Concen: 1.871 ug/l

RT: 11.898 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN074242.D

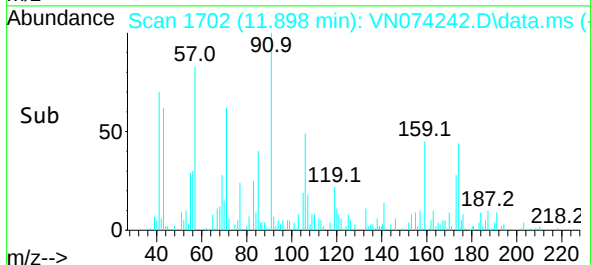
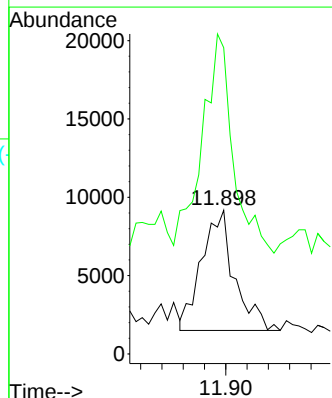
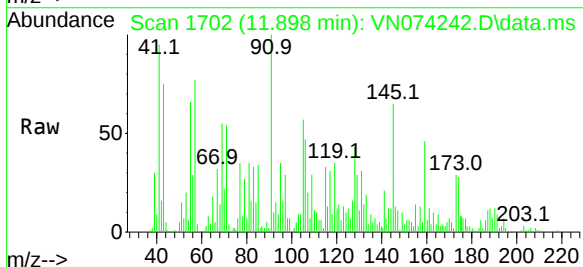
Acq: 01 Sep 2022 15:05

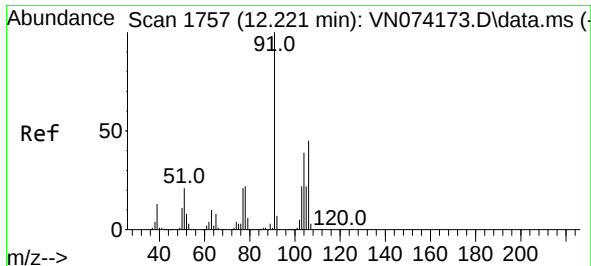
Tgt Ion:106 Resp: 16400

Ion Ratio Lower Upper

106 100

91 184.4 158.9 238.3





#69

o-Xylene

Concen: 0.457 ug/l

RT: 12.216 min Scan# 1756

Delta R.T. -0.006 min

Lab File: VN074242.D

Acq: 01 Sep 2022 15:05

Instrument :

MSVOA\_N

ClientSampleId :

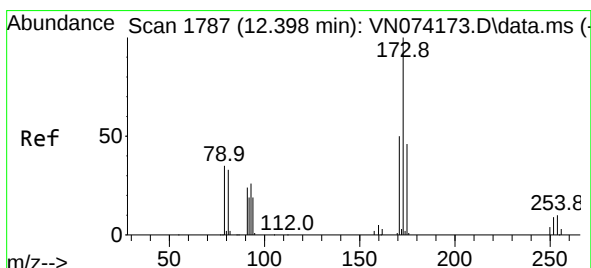
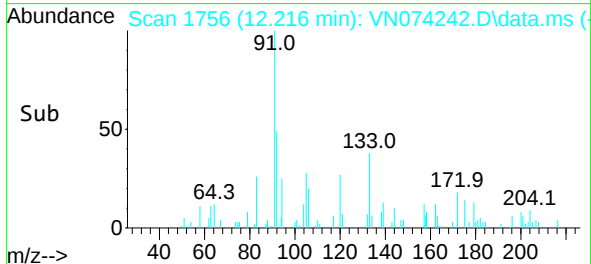
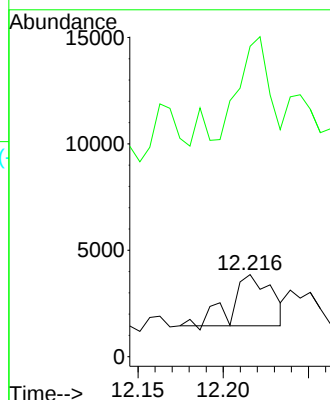
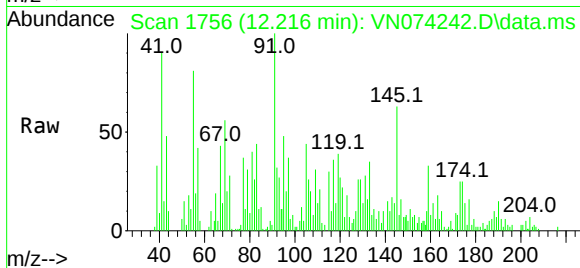
WC-PALM-SP-03-GR

Tgt Ion:106 Resp: 3987

Ion Ratio Lower Upper

106 100

91 155.3 106.0 318.0



#71

Bromoform

Concen: 5.134 ug/l

RT: 12.327 min Scan# 1775

Delta R.T. -0.070 min

Lab File: VN074242.D

Acq: 01 Sep 2022 15:05

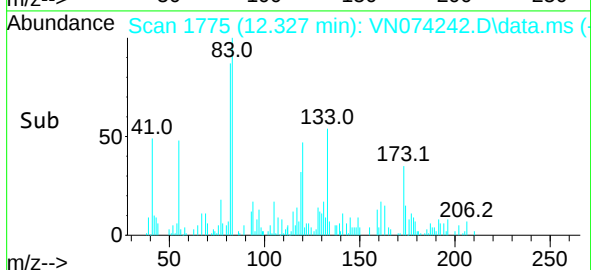
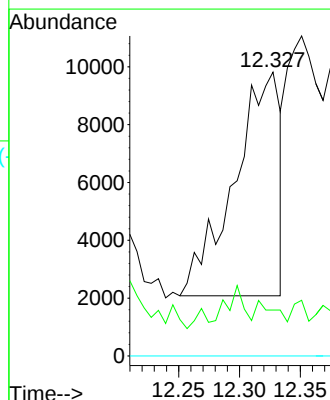
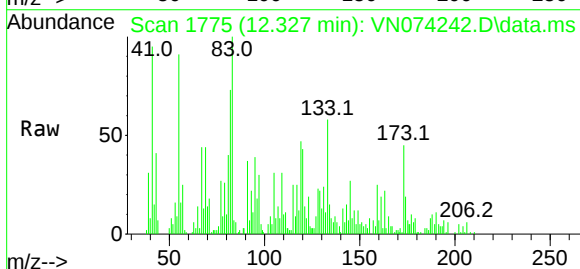
Tgt Ion:173 Resp: 20322

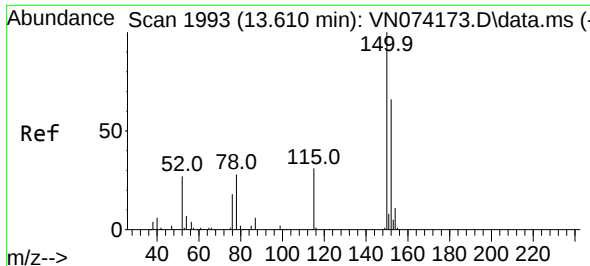
Ion Ratio Lower Upper

173 100

175 3.4 24.6 73.6#

254 0.0 0.1 0.1#

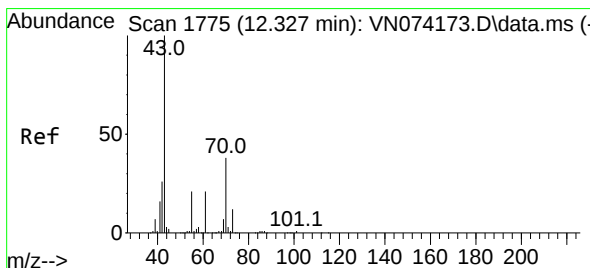
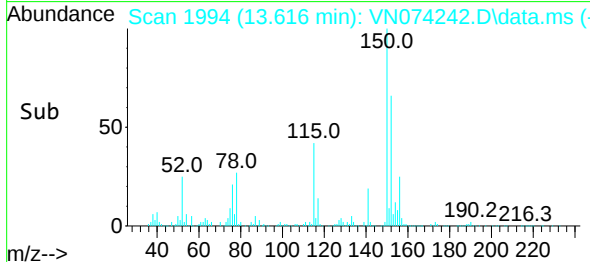
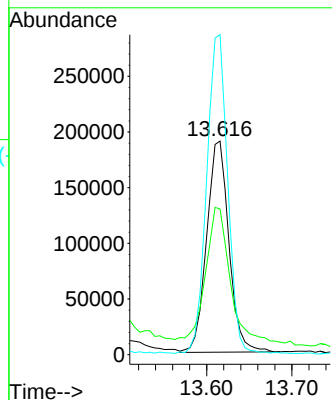
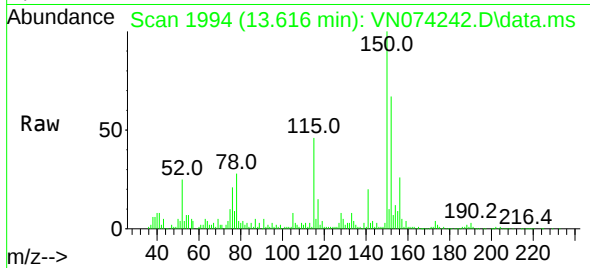




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.616 min Scan# 1994  
Delta R.T. 0.006 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

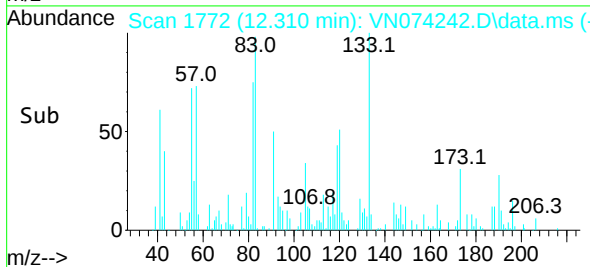
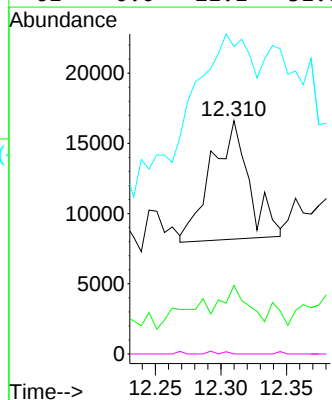
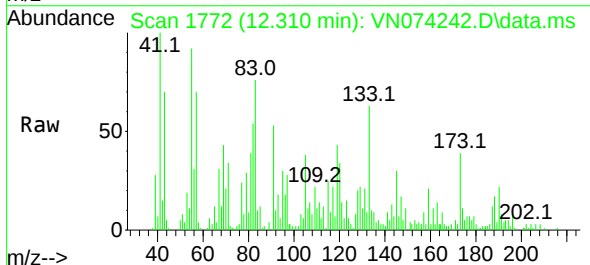
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

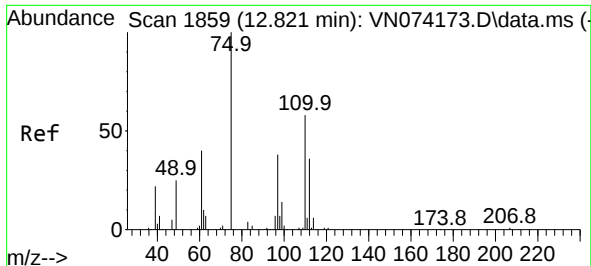
Tgt Ion:152 Resp: 344021  
Ion Ratio Lower Upper  
152 100  
115 77.5 28.9 86.7  
150 142.5 0.0 356.2



#74  
N-ethyl acetate  
Concen: 1.018 ug/l  
RT: 12.310 min Scan# 1772  
Delta R.T. -0.018 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion: 43 Resp: 16977  
Ion Ratio Lower Upper  
43 100  
70 18.4 39.0 58.4#  
55 234.3 21.1 31.7#  
61 0.0 21.1 31.7#

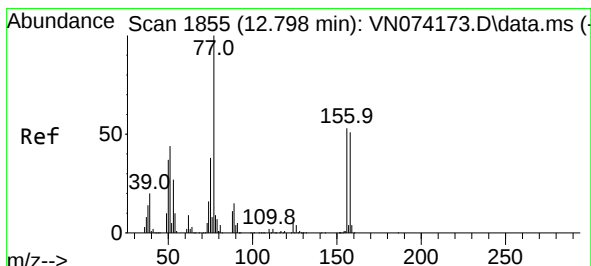
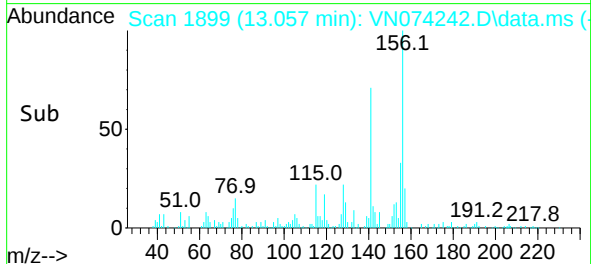
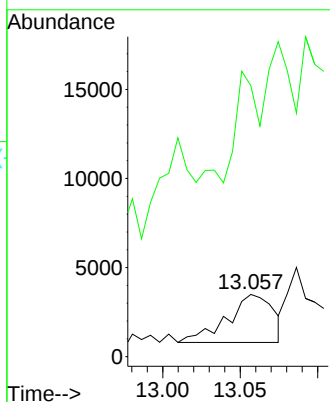
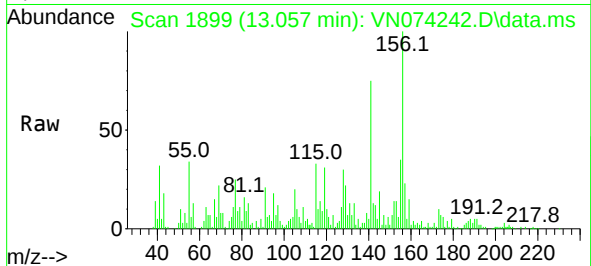




#76  
1,2,3-Trichloropropane  
Concen: Below Cal  
RT: 13.057 min Scan# 1899  
Delta R.T. 0.236 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

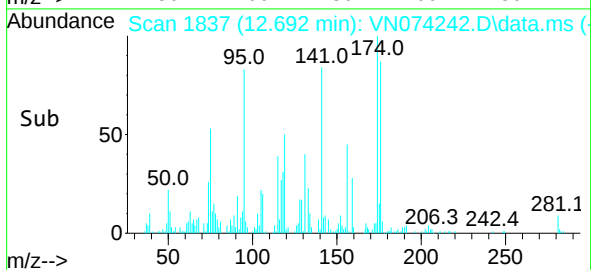
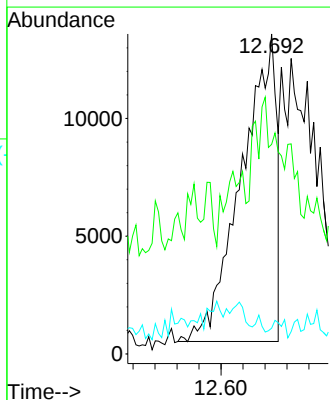
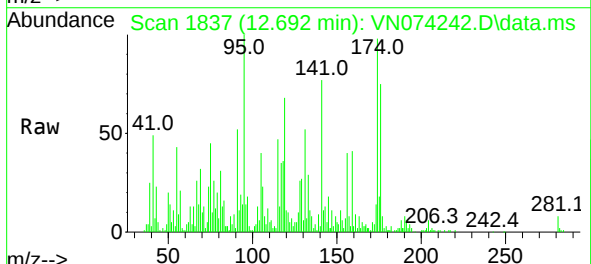
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

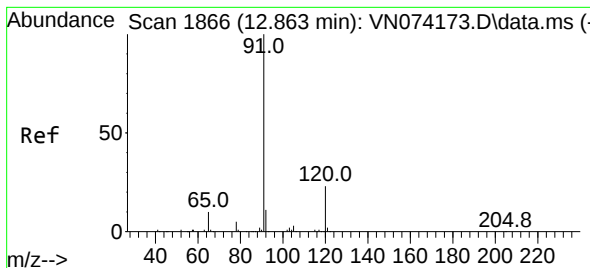
Tgt Ion: 75 Resp: 5536  
Ion Ratio Lower Upper  
75 100  
77 106.4 98.5 295.5



#77  
Bromobenzene  
Concen: 8.345 ug/l  
RT: 12.692 min Scan# 1837  
Delta R.T. -0.106 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion: 156 Resp: 57514  
Ion Ratio Lower Upper  
156 100  
77 3.7 100.5 301.5#  
158 0.0 48.9 146.6#





#78

n-propylbenzene

Concen: 1.011 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VN074242.D

Acq: 01 Sep 2022 15:05

Instrument :

MSVOA\_N

ClientSampleId :

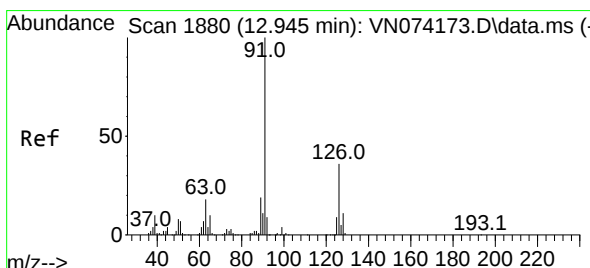
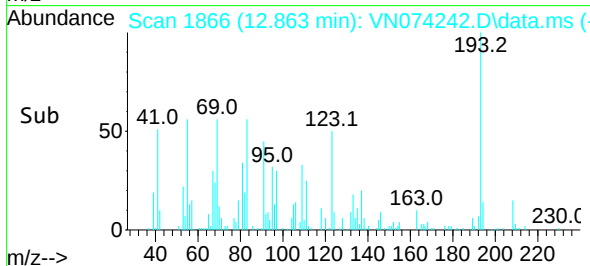
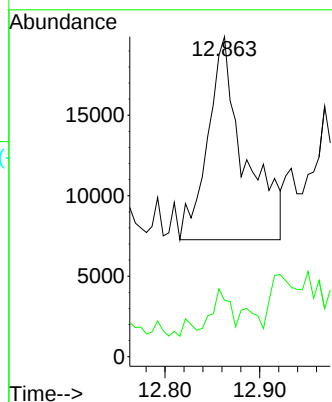
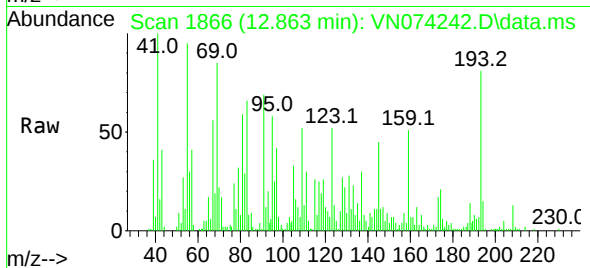
WC-PALM-SP-03-GR

Tgt Ion: 91 Resp: 33968

Ion Ratio Lower Upper

91 100

120 8.8 11.9 35.5#



#79

2-Chlorotoluene

Concen: 0.215 ug/l

RT: 13.010 min Scan# 1891

Delta R.T. 0.065 min

Lab File: VN074242.D

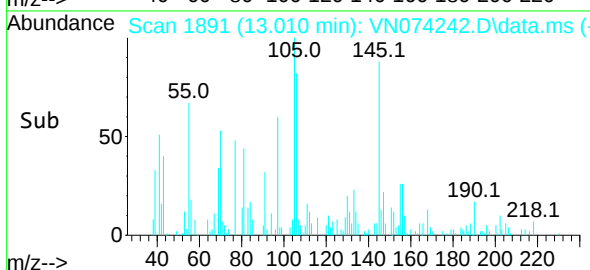
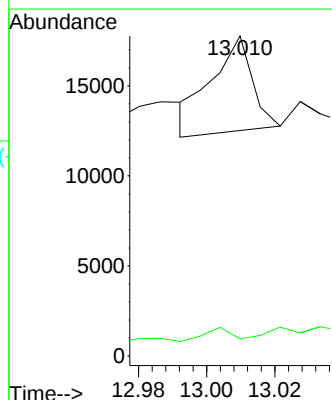
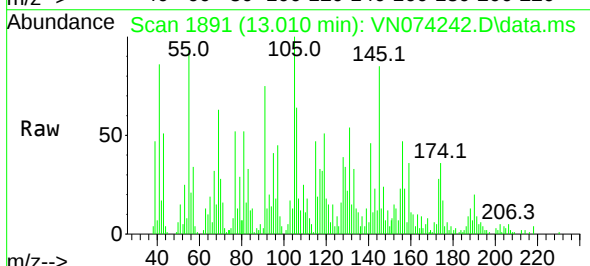
Acq: 01 Sep 2022 15:05

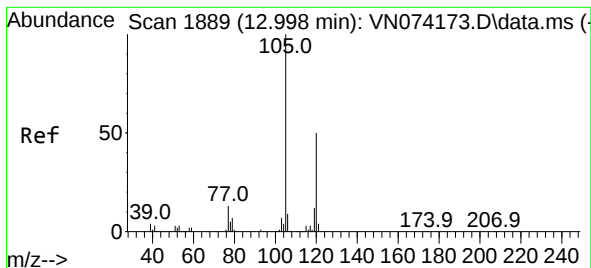
Tgt Ion: 91 Resp: 4432

Ion Ratio Lower Upper

91 100

126 40.3 17.3 51.9





#80

1,3,5-Trimethylbenzene

Concen: 0.748 ug/l

RT: 12.933 min Scan# 1878

Delta R.T. -0.065 min

Lab File: VN074242.D

Acq: 01 Sep 2022 15:05

Instrument :

MSVOA\_N

ClientSampleId :

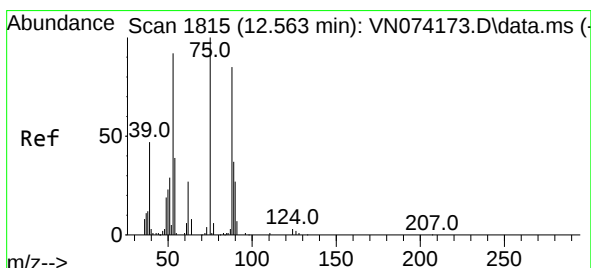
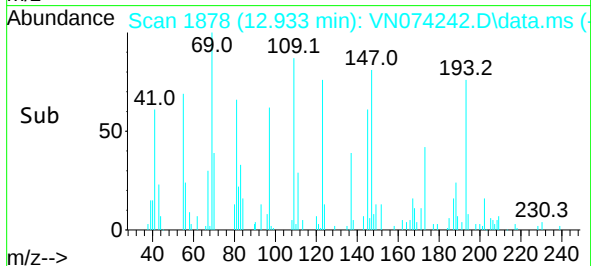
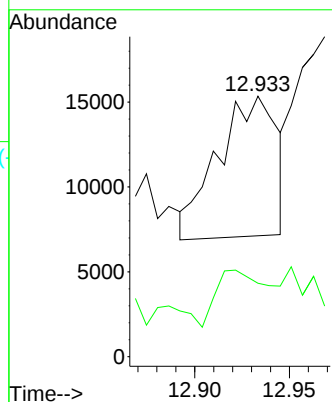
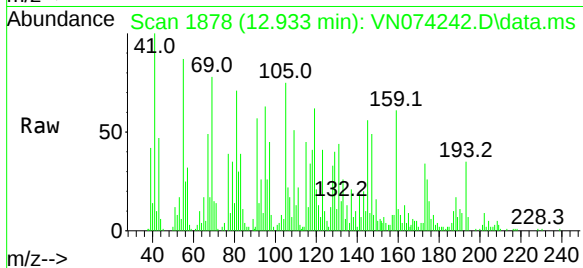
WC-PALM-SP-03-GR

Tgt Ion:105 Resp: 17928

Ion Ratio Lower Upper

105 100

120 37.1 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 48.451 ug/l

RT: 12.675 min Scan# 1834

Delta R.T. 0.112 min

Lab File: VN074242.D

Acq: 01 Sep 2022 15:05

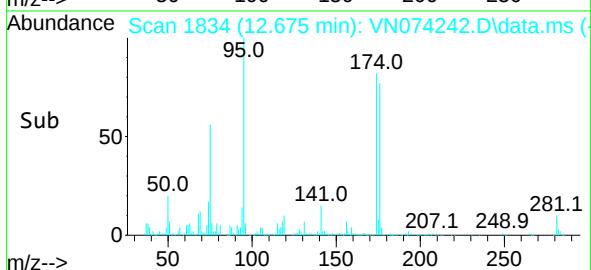
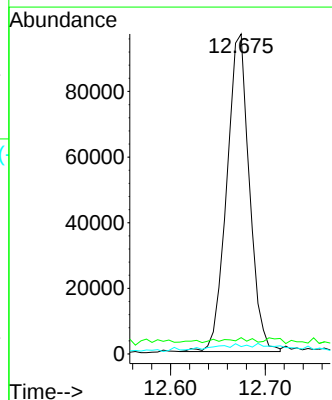
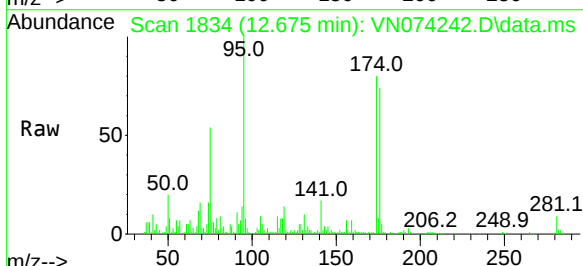
Tgt Ion: 75 Resp: 160582

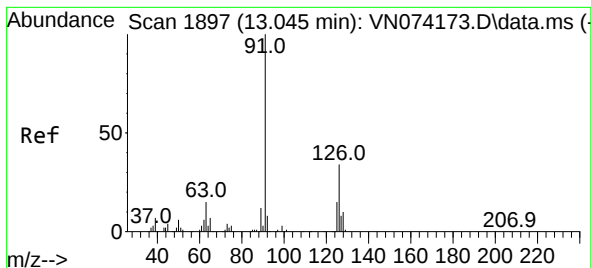
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#





#82

4-Chlorotoluene

Concen: 0.223 ug/l

RT: 13.010 min Scan# 1891

Delta R.T. -0.035 min

Lab File: VN074242.D

Acq: 01 Sep 2022 15:05

Instrument :

MSVOA\_N

ClientSampleId :

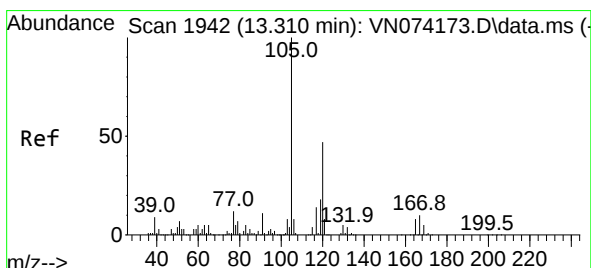
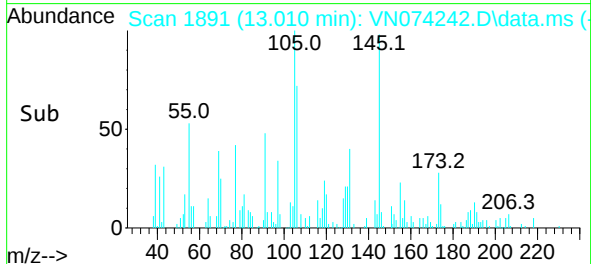
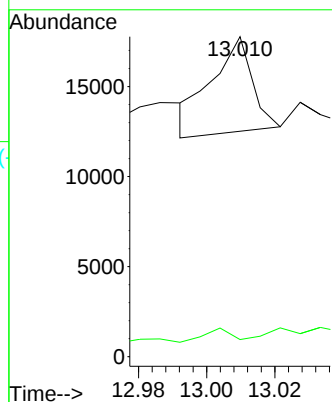
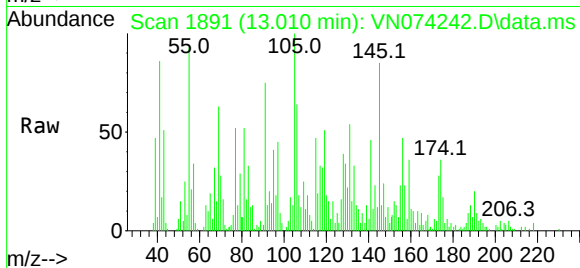
WC-PALM-SP-03-GR

Tgt Ion: 91 Resp: 4432

Ion Ratio Lower Upper

91 100

126 40.3 17.2 51.6



#84

1,2,4-Trimethylbenzene

Concen: 1.749 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.006 min

Lab File: VN074242.D

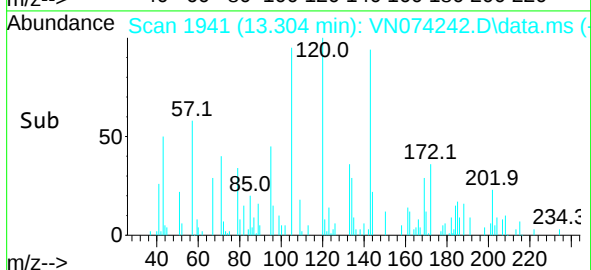
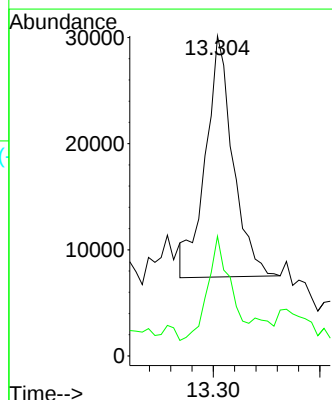
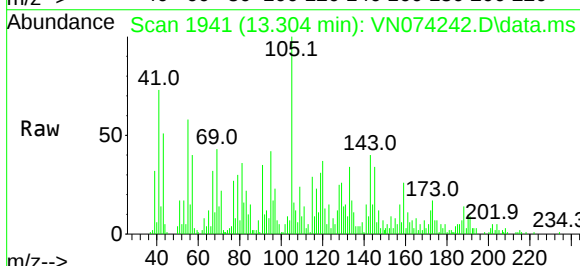
Acq: 01 Sep 2022 15:05

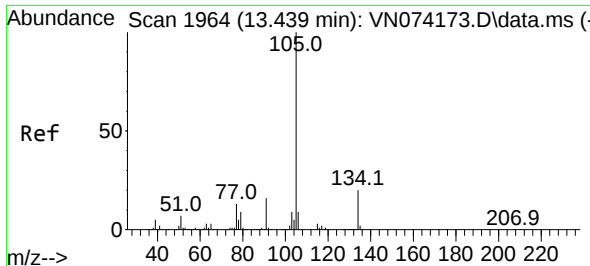
Tgt Ion: 105 Resp: 40447

Ion Ratio Lower Upper

105 100

120 36.7 23.3 69.8

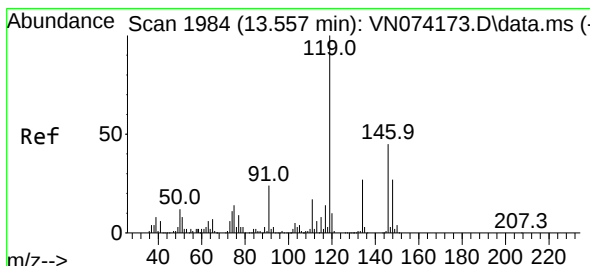
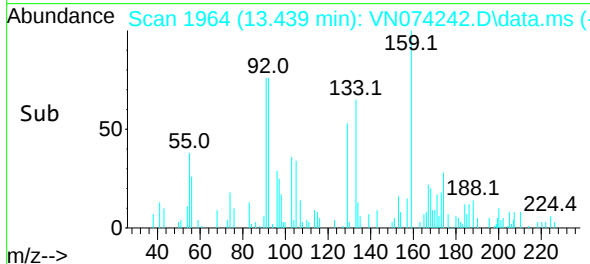
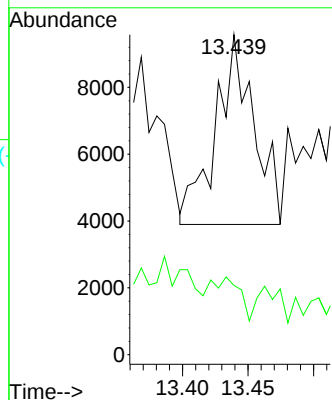
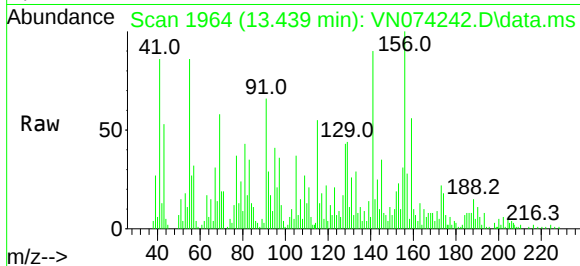




#85  
 sec-Butylbenzene  
 Concen: 0.398 ug/l  
 RT: 13.439 min Scan# 1964  
 Delta R.T. 0.000 min  
 Lab File: VN074242.D  
 Acq: 01 Sep 2022 15:05

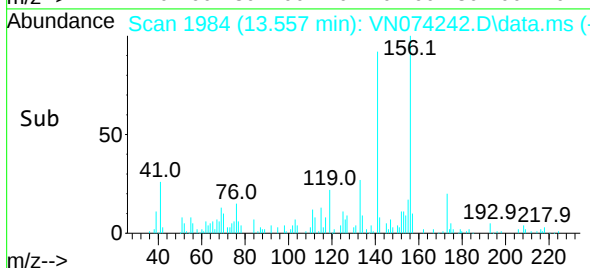
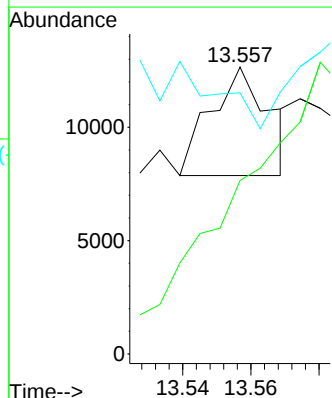
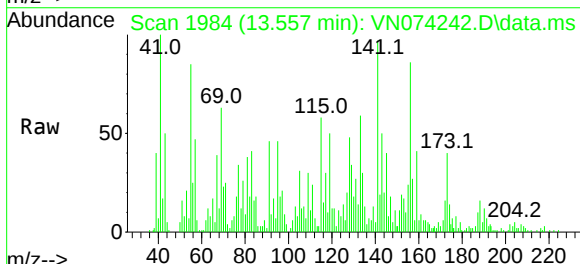
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-PALM-SP-03-GR

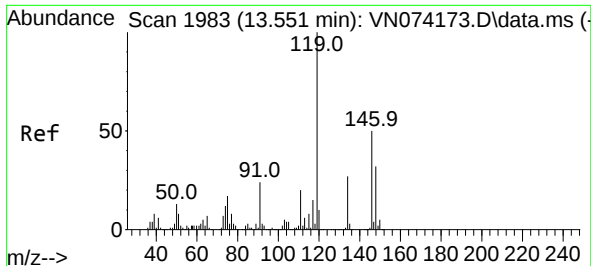
Tgt Ion:105 Resp: 11443  
 Ion Ratio Lower Upper  
 105 100  
 134 17.1 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 0.256 ug/l  
 RT: 13.557 min Scan# 1984  
 Delta R.T. 0.000 min  
 Lab File: VN074242.D  
 Acq: 01 Sep 2022 15:05

Tgt Ion:119 Resp: 5726  
 Ion Ratio Lower Upper  
 119 100  
 134 0.0 13.3 39.8#  
 91 0.0 11.3 33.9#





#87

1,3-Dichlorobenzene

Concen: 0.245 ug/l

RT: 13.539 min Scan# 1981

Delta R.T. -0.012 min

Lab File: VN074242.D

Acq: 01 Sep 2022 15:05

Instrument :

MSVOA\_N

ClientSampleId :

WC-PALM-SP-03-GR

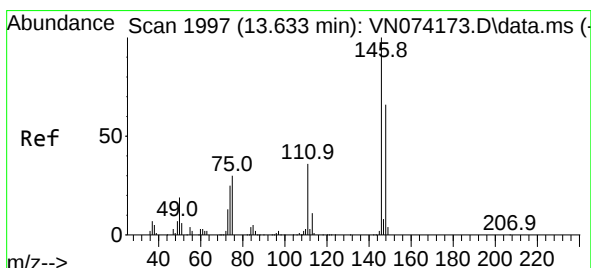
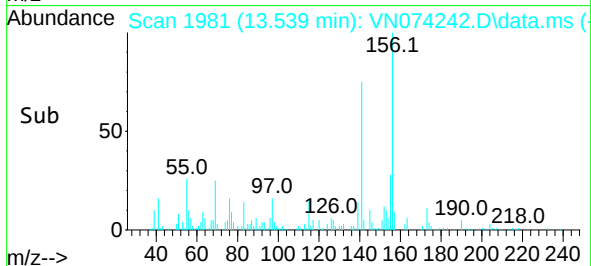
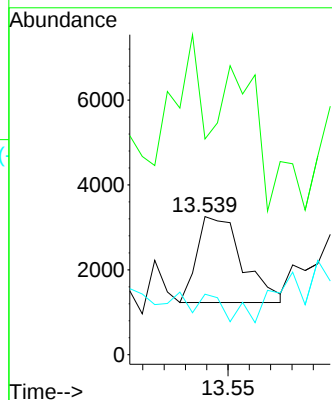
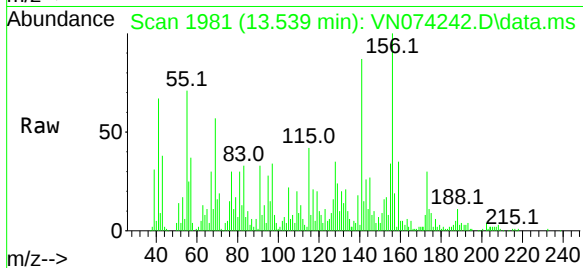
Tgt Ion:146 Resp: 3004

Ion Ratio Lower Upper

146 100

111 79.9 20.0 60.0#

148 0.0 32.0 96.0#



#88

1,4-Dichlorobenzene

Concen: 0.281 ug/l

RT: 13.645 min Scan# 1999

Delta R.T. 0.012 min

Lab File: VN074242.D

Acq: 01 Sep 2022 15:05

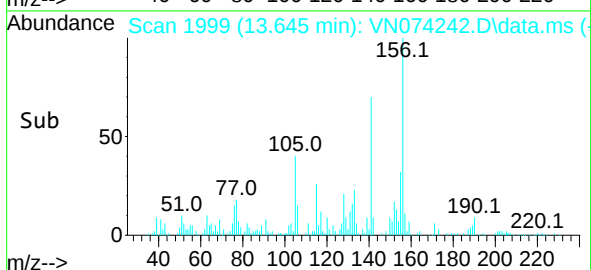
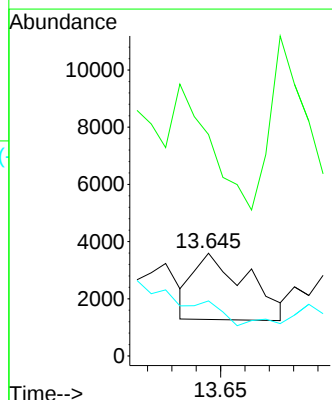
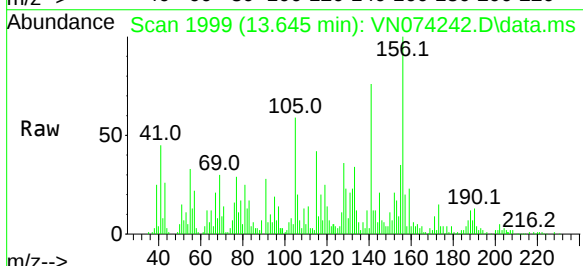
Tgt Ion:146 Resp: 3567

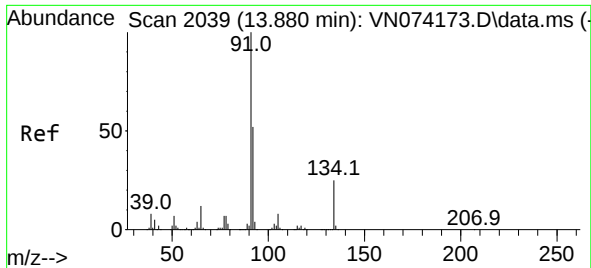
Ion Ratio Lower Upper

146 100

111 0.0 19.1 57.1#

148 0.0 31.4 94.3#

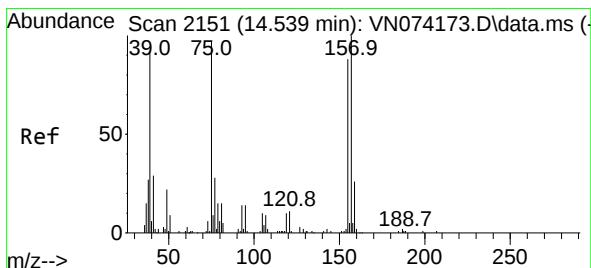
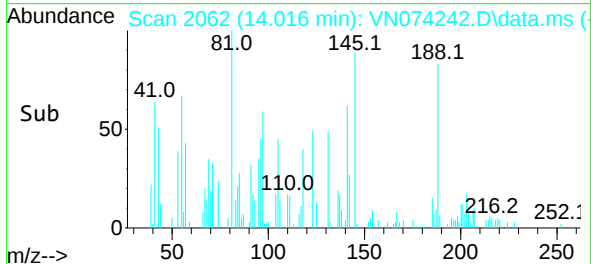
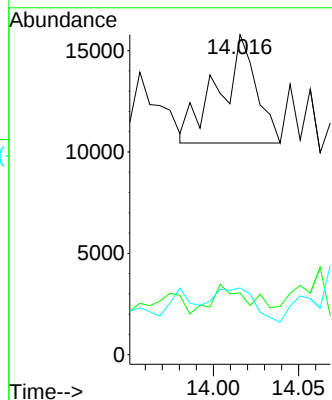
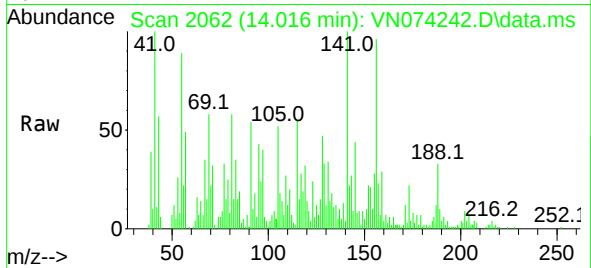




#89  
n-Butylbenzene  
Concen: 0.417 ug/l  
RT: 14.016 min Scan# 2039  
Delta R.T. 0.135 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

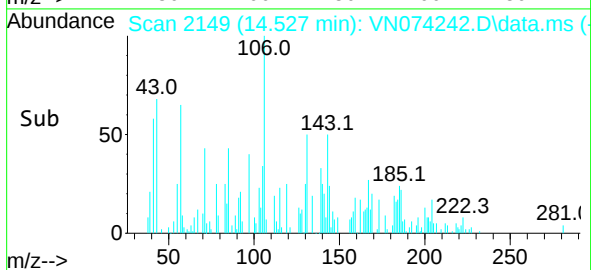
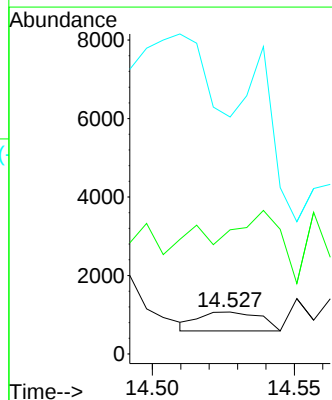
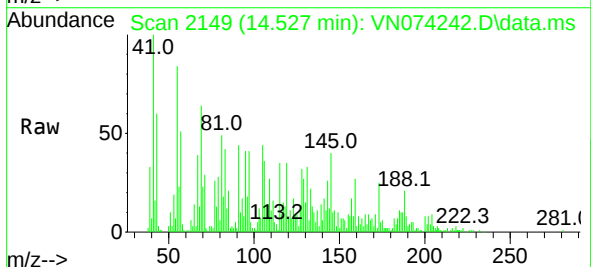
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

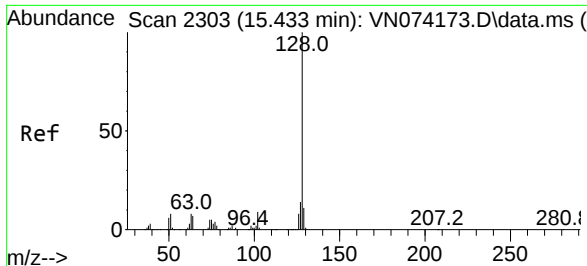
Tgt Ion: 91 Resp: 8134  
Ion Ratio Lower Upper  
91 100  
92 32.6 26.9 80.7  
134 35.0 13.6 40.8



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.295 ug/l  
RT: 14.527 min Scan# 2149  
Delta R.T. -0.012 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion: 75 Resp: 721  
Ion Ratio Lower Upper  
75 100  
155 0.0 44.9 134.5#  
157 0.0 59.0 176.8#

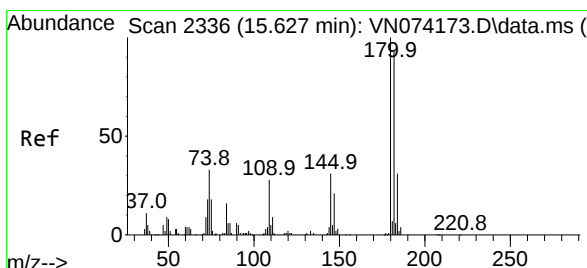
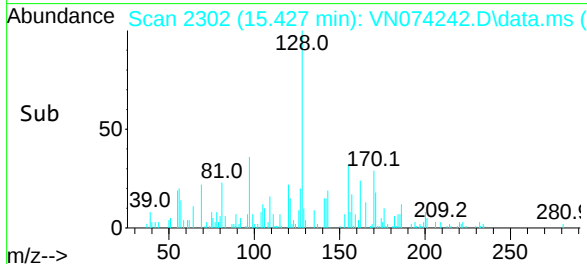
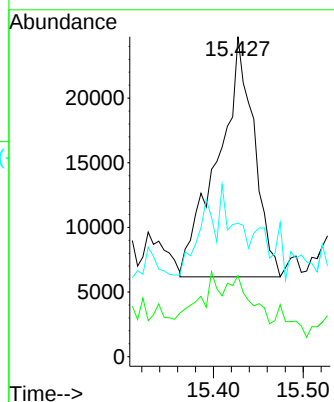
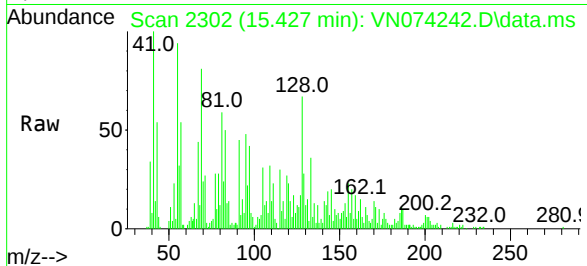




#95  
Naphthalene  
Concen: 3.098 ug/l  
RT: 15.427 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-PALM-SP-03-GR

Tgt Ion:128 Resp: 52017  
Ion Ratio Lower Upper  
128 100  
127 12.3 10.3 15.5  
129 9.3 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 0.249 ug/l  
RT: 15.616 min Scan# 2334  
Delta R.T. -0.012 min  
Lab File: VN074242.D  
Acq: 01 Sep 2022 15:05

Tgt Ion:180 Resp: 1635  
Ion Ratio Lower Upper  
180 100  
182 208.6 47.8 143.3#  
145 2021.2 15.5 46.5#

