

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091722\  
 Data File : VN074554.D  
 Acq On : 17 Sep 2022 14:27  
 Operator : JC\MD  
 Sample : N4648-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 N48854-1040

Quant Time: Sep 19 02:55:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091522W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 15 19:20:33 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) Pentafluorobenzene         | 8.016          | 168  | 259098     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.904          | 114  | 484912     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.686         | 117  | 479022     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.615         | 152  | 213362     | 50.000   | ug/l   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.375          | 65   | 203779     | 46.353   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 92.700%  |        |          |
| 35) Dibromofluoromethane      | 7.951          | 113  | 163135     | 50.644   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 101.280% |        |          |
| 50) Toluene-d8                | 10.380         | 98   | 616306     | 49.473   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 98.940%  |        |          |
| 62) 4-Bromofluorobenzene      | 12.674         | 95   | 226295     | 53.038   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 106.080% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        |          |
|                               |                |      |            |          | Qvalue |          |
| 3) Chloromethane              | 2.269          | 50   | 2828       | 0.852    | ug/l   | 93       |
| 5) Bromomethane               | 2.804          | 94   | 856        | 0.320    | ug/l # | 34       |
| 6) Chloroethane               | 2.740          | 64   | 8737       | 2.520    | ug/l # | 42       |
| 11) Tert butyl alcohol        | 5.287          | 59   | 806        | 0.563    | ug/l # | 72       |
| 12) 1,1-Dichloroethene        | 4.122          | 96   | 61         | 0.702    | ug/l # | 9        |
| 13) Acrolein                  | 3.975          | 56   | 612        | 1.170    | ug/l # | 53       |
| 14) Allyl chloride            | 4.710          | 41   | 257976     | 31.660   | ug/l # | 40       |
| 15) Acrylonitrile             | 5.487          | 53   | 902        | 0.280    | ug/l # | 60       |
| 16) Acetone                   | 4.234          | 43   | 29421      | 10.458   | ug/l   | 98       |
| 17) Carbon Disulfide          | 4.457          | 76   | 3040       | 0.325    | ug/l # | 75       |
| 18) Methyl Acetate            | 4.781          | 43   | 2286       | 0.262    | ug/l   | 90       |
| 20) Methylene Chloride        | 5.010          | 84   | 44587      | 10.406   | ug/l # | 69       |
| 21) trans-1,2-Dichloroethene  | 5.510          | 96   | 274        | 0.501    | ug/l # | 1        |
| 25) 2-Butanone                | 7.269          | 43   | 4561       | 0.977    | ug/l # | 45       |
| 29) Tetrahydrofuran           | 7.622          | 42   | 9445       | 3.076    | ug/l # | 71       |
| 31) Cyclohexane               | 8.016          | 56   | 9330       | 1.196    | ug/l # | 12       |
| 36) 1,1-Dichloropropene       | 8.022          | 75   | 24887      | 4.365    | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 8.016          | 117  | 26081      | 4.954    | ug/l # | 18       |
| 40) Benzene                   | 8.386          | 78   | 6666       | 0.378    | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.516          | 88   | 100        | 0.851    | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone      | 10.269         | 43   | 10073      | 1.118    | ug/l # | 82       |
| 52) Toluene                   | 10.445         | 92   | 6135       | 0.593    | ug/l   | 94       |
| 59) 2-Hexanone                | 11.039         | 43   | 3565       | 0.518    | ug/l   | 85       |
| 67) Ethyl Benzene             | 11.780         | 91   | 11073      | 0.502    | ug/l # | 84       |
| 68) m/p-Xylenes               | 11.886         | 106  | 8777       | 1.075    | ug/l   | 89       |
| 69) o-Xylene                  | 12.221         | 106  | 4134       | 0.497    | ug/l   | 81       |
| 70) Styrene                   | 12.239         | 104  | 5075       | 0.367    | ug/l   | 93       |
| 71) Bromoform                 | 12.668         | 173  | 1284       | 0.400    | ug/l # | 28       |
| 74) N-amyl acetate            | 12.298         | 43   | 8878       | 0.650    | ug/l # | 42       |
| 76) 1,2,3-Trichloropropane    | 12.668         | 75   | 138761     | 21.129   | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.668         | 75   | 138761     | 45.602   | ug/l # | 10       |
| 84) 1,2,4-Trimethylbenzene    | 13.310         | 105  | 9125       | 0.509    | ug/l   | 85       |
| 87) 1,3-Dichlorobenzene       | 13.551         | 146  | 1775       | 0.207    | ug/l   | 87       |
| 88) 1,4-Dichlorobenzene       | 13.551         | 146  | 1775       | 0.206    | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.198         | 180  | 7116       | 1.679    | ug/l   | 79       |
| 95) Naphthalene               | 15.439         | 128  | 129678     | 8.464    | ug/l   | 100      |

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Sample : N4648-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
N48854-1040

Quant Time: Sep 19 02:55:35 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091522W.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 15 19:20:33 2022  
Response via : Initial Calibration

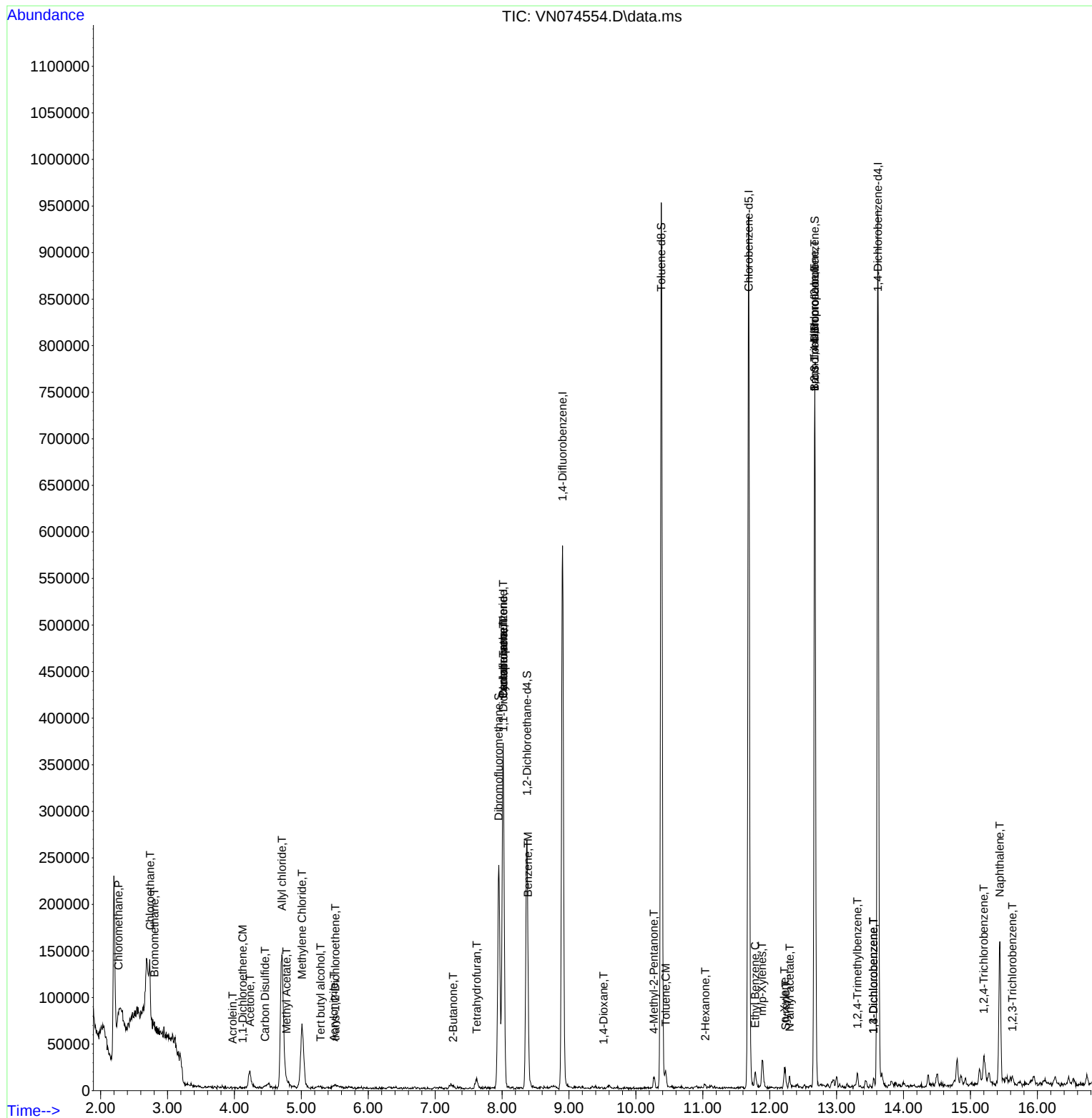
| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| 96) 1,2,3-Trichlorobenzene | 15.627 | 180  | 2270     | 1.840 | ug/l  | # 83     |

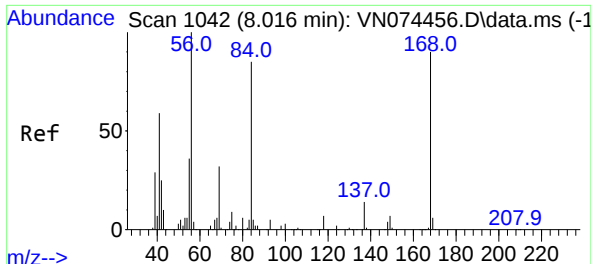
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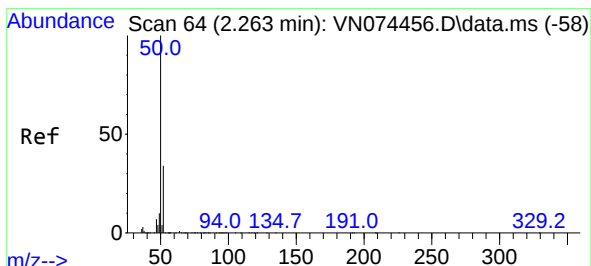
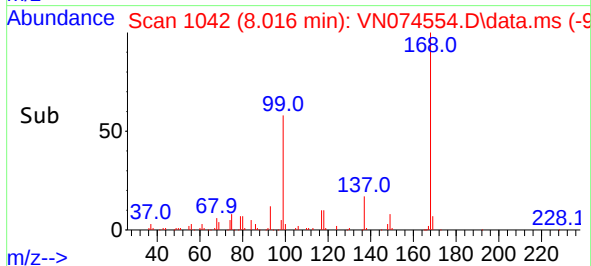
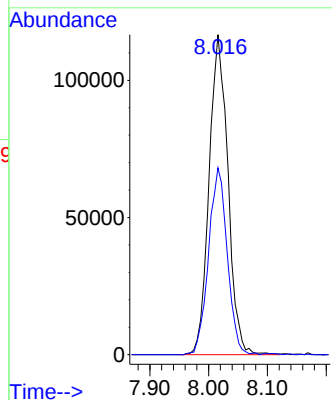
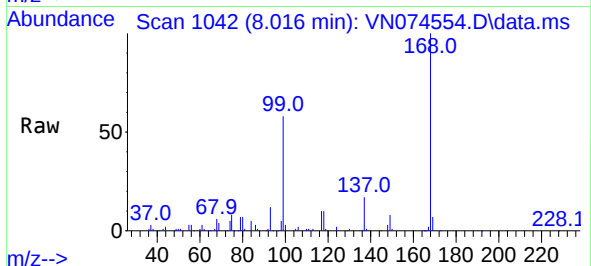




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

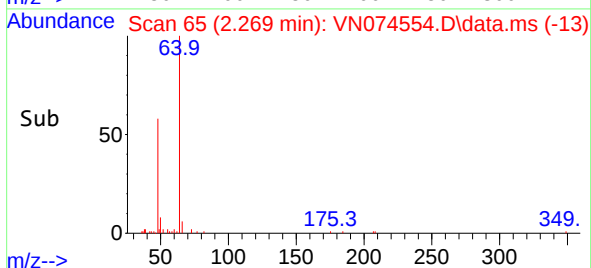
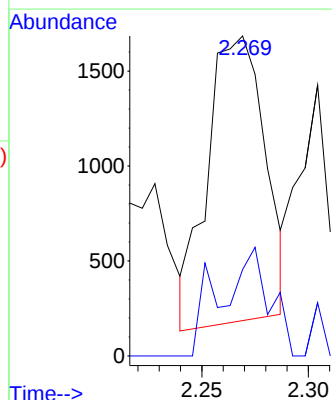
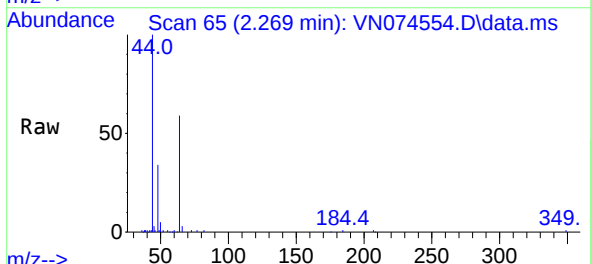
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48854-1040

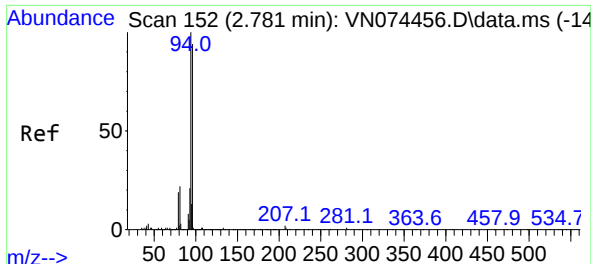
Tgt Ion:168 Resp: 259098  
Ion Ratio Lower Upper  
168 100  
99 58.4 42.3 63.5



#3  
Chloromethane  
Concen: 0.852 ug/l  
RT: 2.269 min Scan# 65  
Delta R.T. 0.006 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

Tgt Ion: 50 Resp: 2828  
Ion Ratio Lower Upper  
50 100  
52 35.9 25.7 38.5

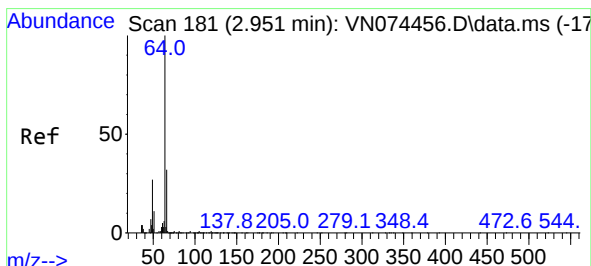
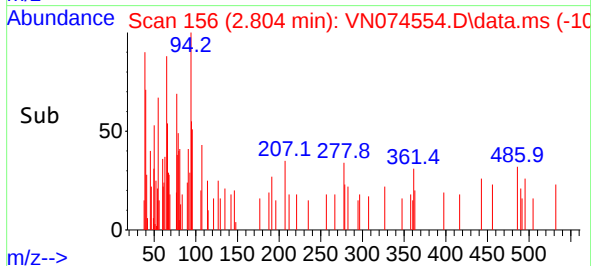
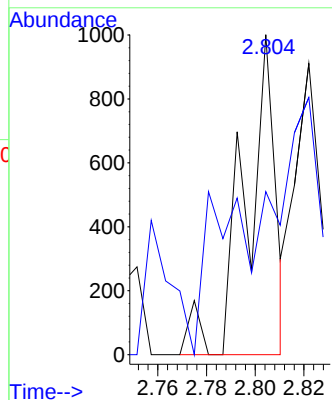
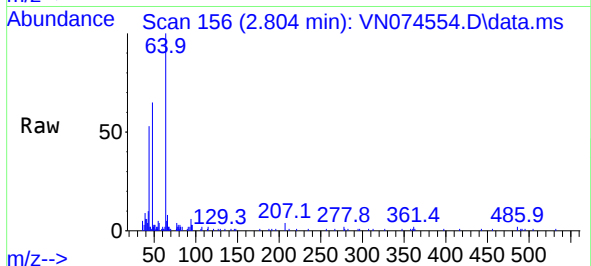




#5  
Bromomethane  
Concen: 0.320 ug/l  
RT: 2.804 min Scan# 11  
Delta R.T. 0.023 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

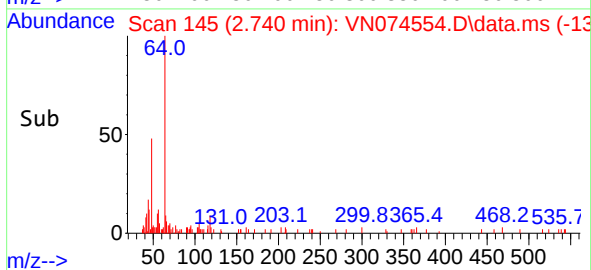
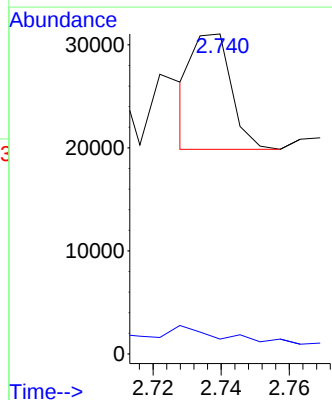
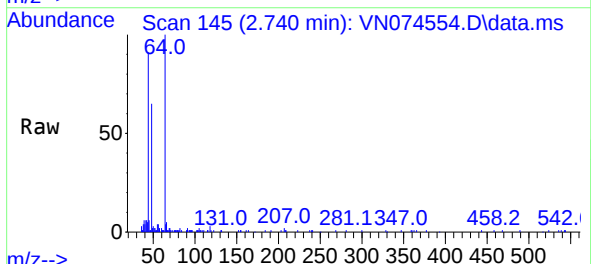
Instrument :  
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N48854-1040

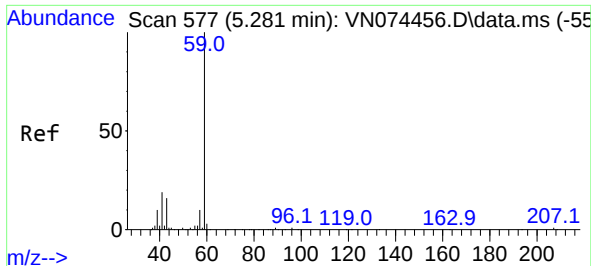
Tgt Ion: 94 Resp: 856  
Ion Ratio Lower Upper  
94 100  
96 31.1 76.0 114.0#



#6  
Chloroethane  
Concen: 2.520 ug/l  
RT: 2.740 min Scan# 145  
Delta R.T. -0.211 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

Tgt Ion: 64 Resp: 8737  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.2 39.4#





#11

Tert butyl alcohol

Concen: 0.563 ug/l

RT: 5.287 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN074554.D

Acq: 17 Sep 2022 14:27

Instrument :

MSVOA\_N

ClientSampleId :

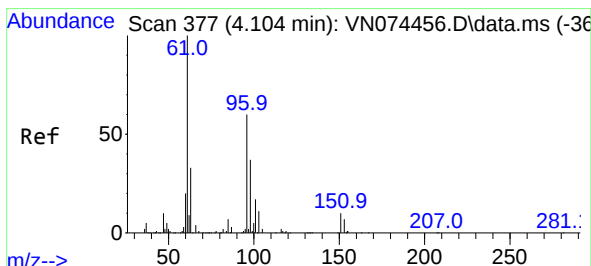
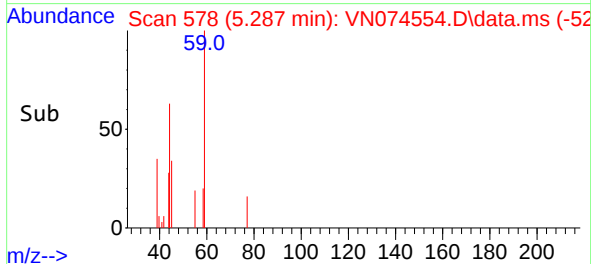
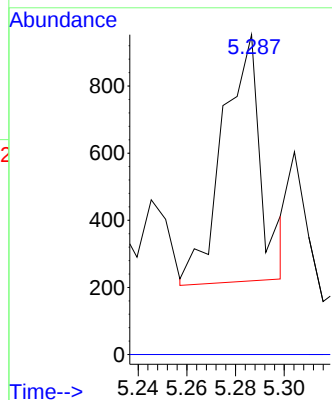
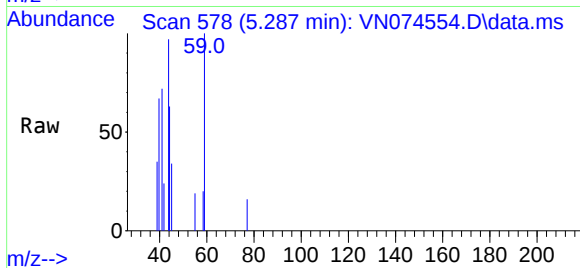
N48854-1040

Tgt Ion: 59 Resp: 806

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 0.702 ug/l

RT: 4.122 min Scan# 380

Delta R.T. 0.018 min

Lab File: VN074554.D

Acq: 17 Sep 2022 14:27

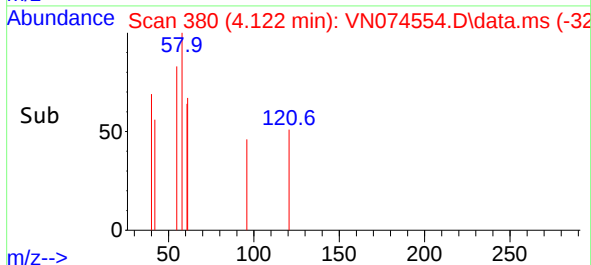
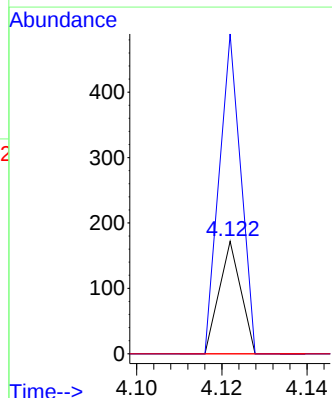
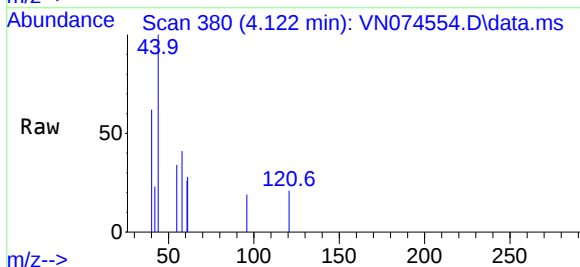
Tgt Ion: 96 Resp: 61

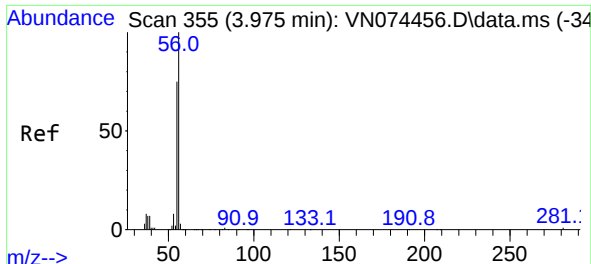
Ion Ratio Lower Upper

96 100

61 284.3 127.6 191.4#

98 0.0 51.2 76.8#

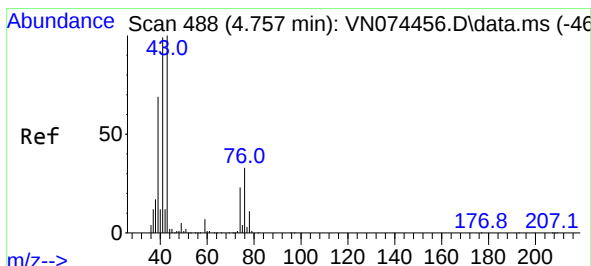
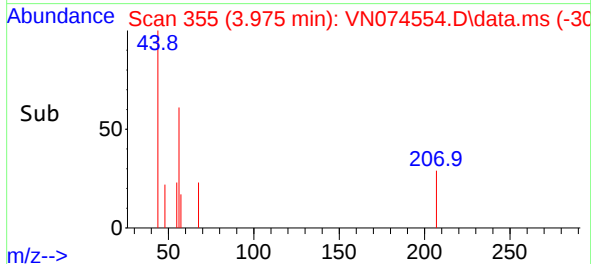
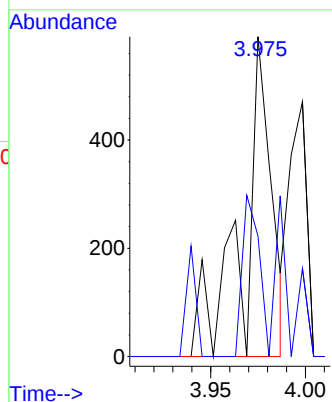
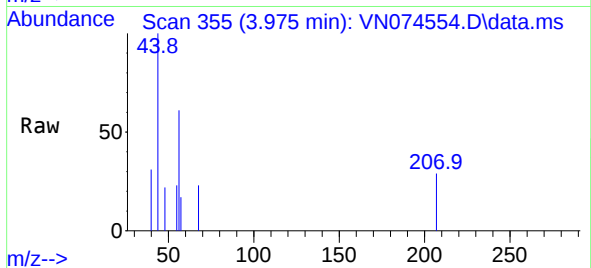




#13  
Acrolein  
Concen: 1.170 ug/l  
RT: 3.975 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

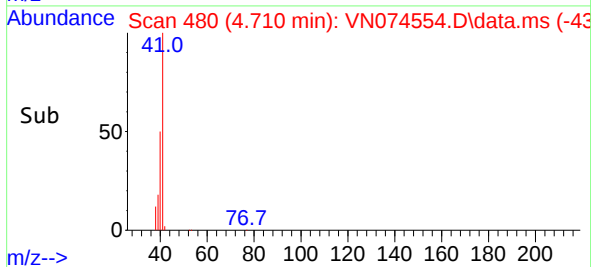
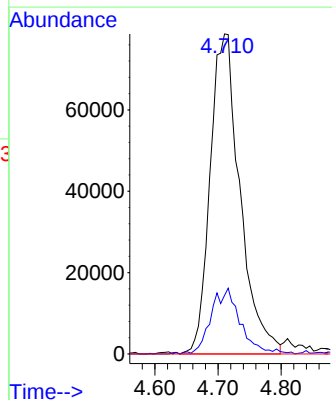
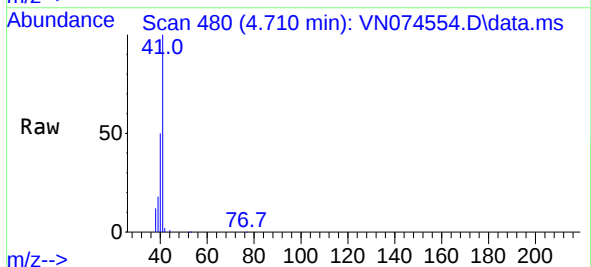
Instrument :  
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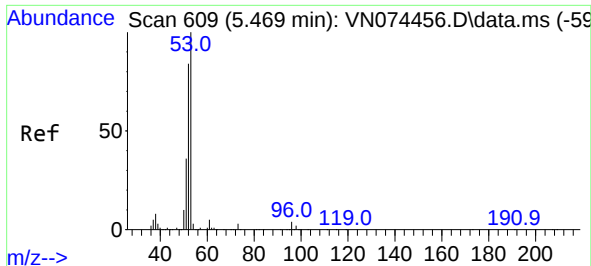
Tgt Ion: 56 Resp: 612  
Ion Ratio Lower Upper  
56 100  
55 30.1 54.8 82.2#



#14  
Allyl chloride  
Concen: 31.660 ug/l  
RT: 4.710 min Scan# 480  
Delta R.T. -0.047 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

Tgt Ion: 41 Resp: 257976  
Ion Ratio Lower Upper  
41 100  
39 19.8 53.2 79.8#  
76 0.0 29.9 44.9#

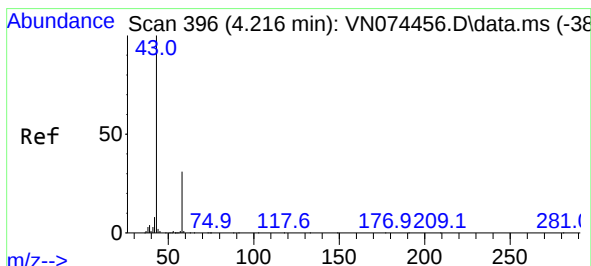
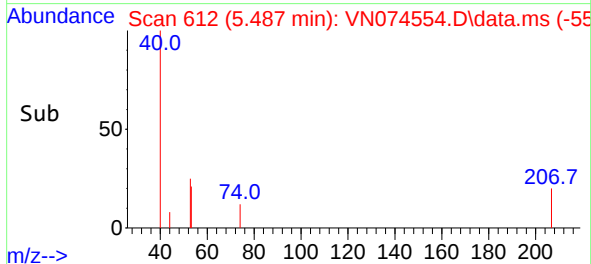
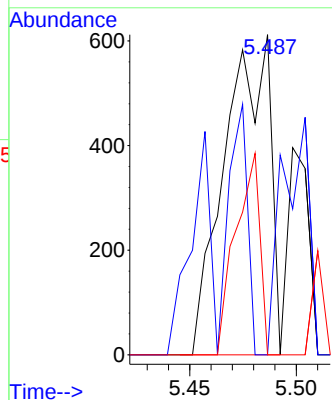
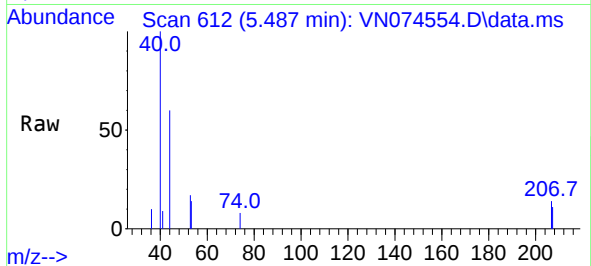




#15  
Acrylonitrile  
Concen: 0.280 ug/l  
RT: 5.487 min Scan# 612  
Delta R.T. 0.018 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

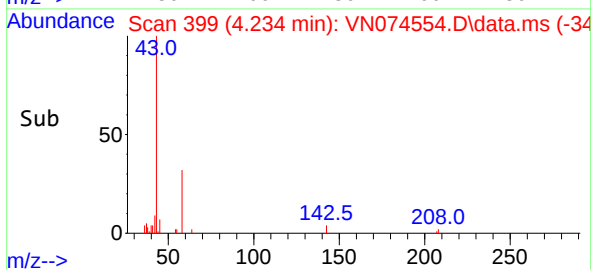
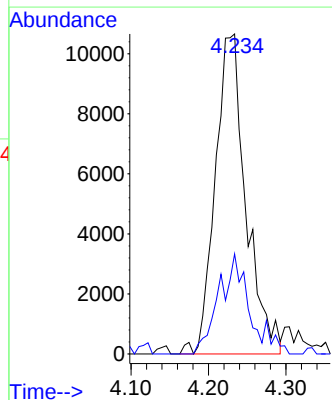
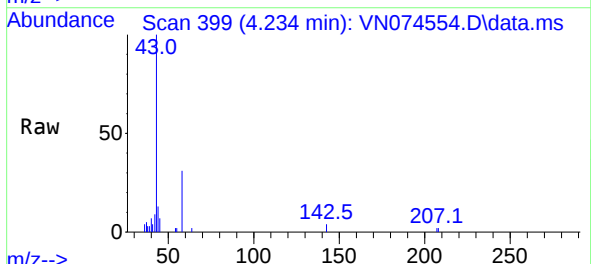
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48854-1040

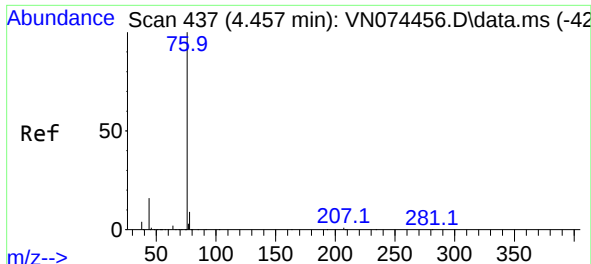
Tgt Ion: 53 Resp: 902  
Ion Ratio Lower Upper  
53 100  
52 32.5 66.4 99.6#  
51 33.8 28.5 42.7



#16  
Acetone  
Concen: 10.458 ug/l  
RT: 4.234 min Scan# 399  
Delta R.T. 0.018 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

Tgt Ion: 43 Resp: 29421  
Ion Ratio Lower Upper  
43 100  
58 31.2 26.0 39.0

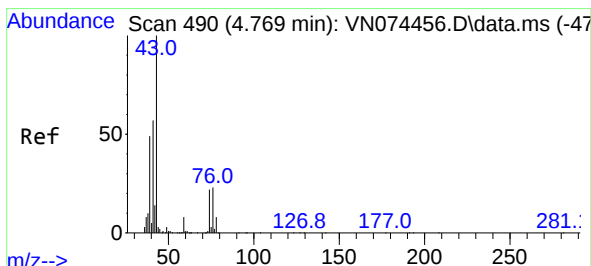
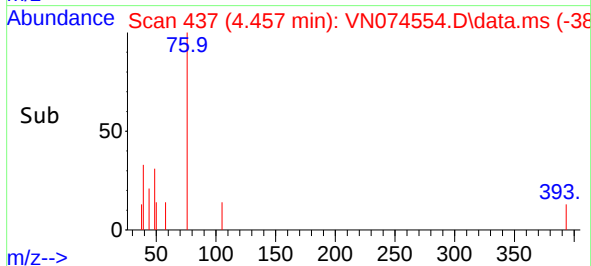
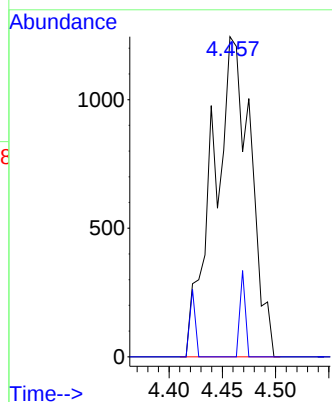
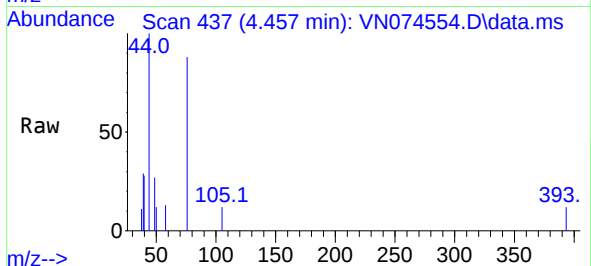




#17  
Carbon Disulfide  
Concen: 0.325 ug/l  
RT: 4.457 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

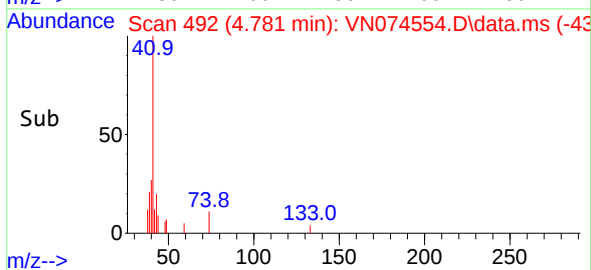
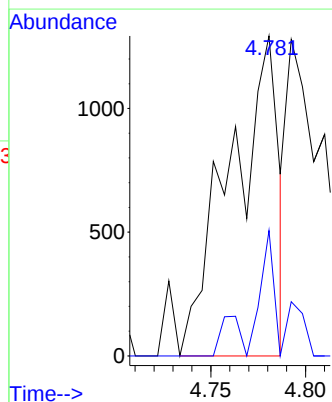
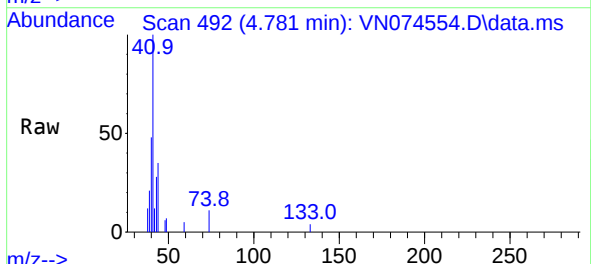
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48854-1040

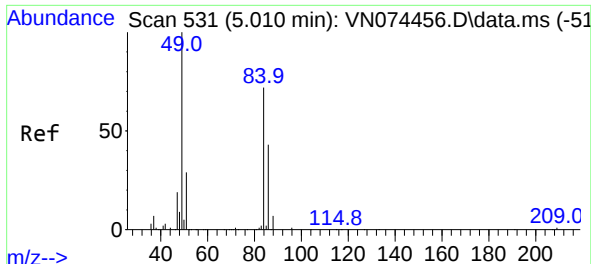
Tgt Ion: 76 Resp: 3040  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#



#18  
Methyl Acetate  
Concen: 0.262 ug/l  
RT: 4.781 min Scan# 492  
Delta R.T. 0.012 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

Tgt Ion: 43 Resp: 2286  
Ion Ratio Lower Upper  
43 100  
74 21.8 21.6 32.4



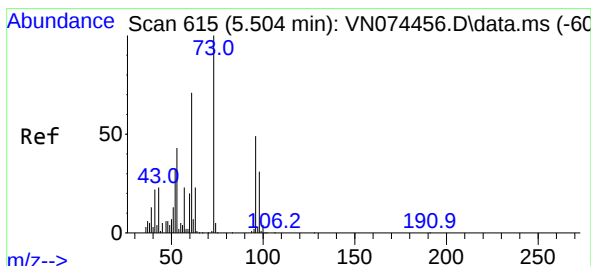
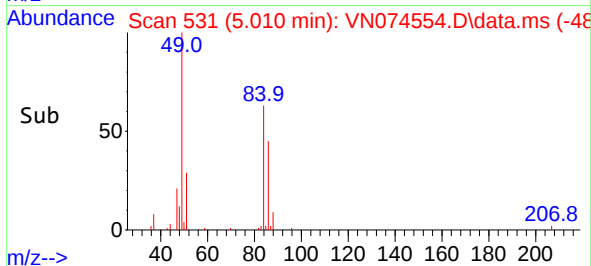
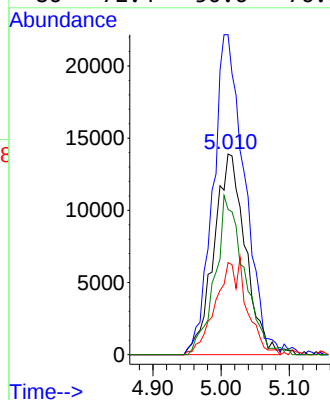
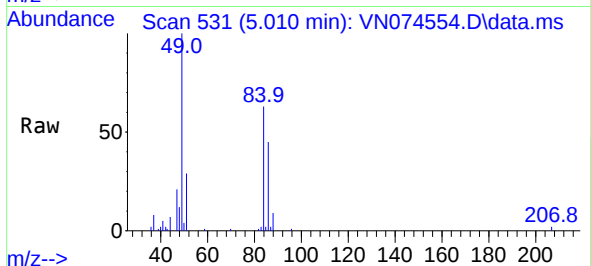


#20  
Methylene Chloride  
Concen: 10.406 ug/l  
RT: 5.010 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
N48854-1040

Tgt Ion: 84 Resp: 44587

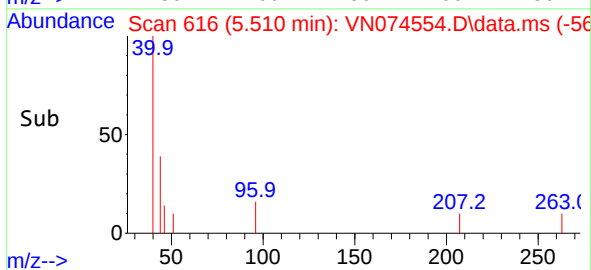
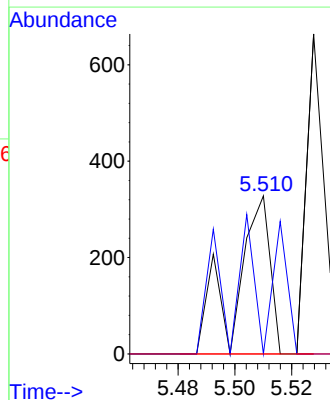
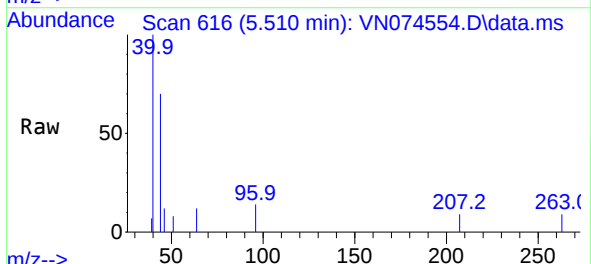
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 84  | 100   |       |        |
| 49  | 159.4 | 88.3  | 132.5# |
| 51  | 45.8  | 28.2  | 42.2#  |
| 86  | 72.4  | 50.6  | 76.0   |

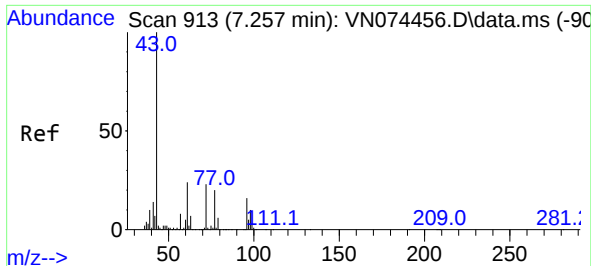


#21  
trans-1,2-Dichloroethene  
Concen: 0.501 ug/l  
RT: 5.510 min Scan# 616  
Delta R.T. 0.006 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

Tgt Ion: 96 Resp: 274

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 96  | 100   |       |        |
| 61  | 0.0   | 105.8 | 158.8# |
| 98  | 0.0   | 50.3  | 75.5#  |





#25

2-Butanone

Concen: 0.977 ug/l

RT: 7.269 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN074554.D

Acq: 17 Sep 2022 14:27

Instrument :

MSVOA\_N

ClientSampleId :

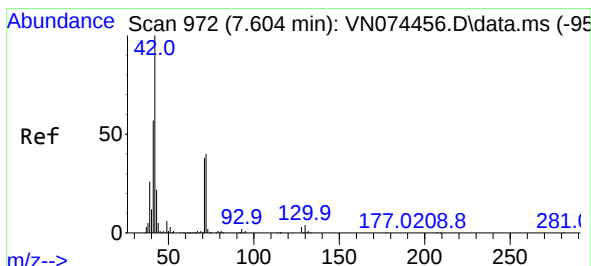
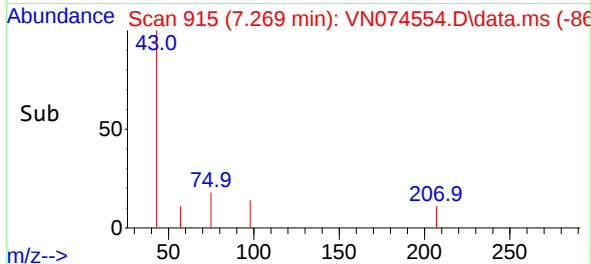
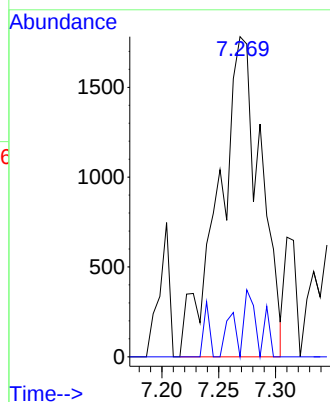
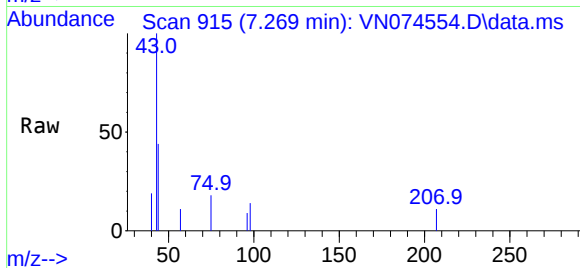
N48854-1040

Tgt Ion: 43 Resp: 4561

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#29

Tetrahydrofuran

Concen: 3.076 ug/l

RT: 7.622 min Scan# 975

Delta R.T. 0.018 min

Lab File: VN074554.D

Acq: 17 Sep 2022 14:27

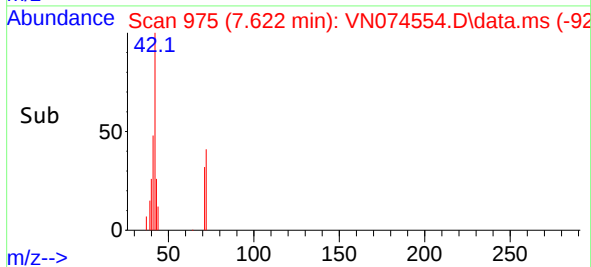
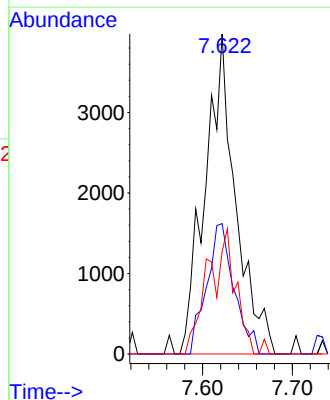
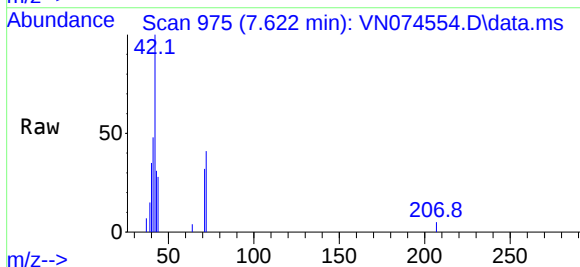
Tgt Ion: 42 Resp: 9445

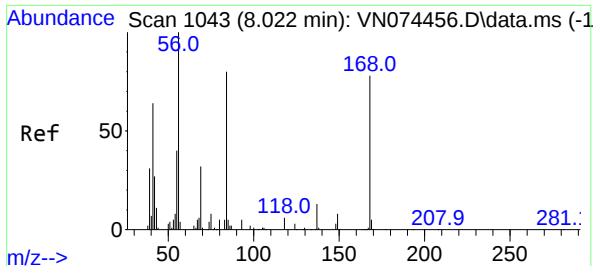
Ion Ratio Lower Upper

42 100

72 36.4 39.7 59.5#

71 19.1 36.6 55.0#





#31

Cyclohexane

Concen: 1.196 ug/l

RT: 8.016 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VN074554.D

Acq: 17 Sep 2022 14:27

Instrument :

MSVOA\_N

ClientSampleId :

N48854-1040

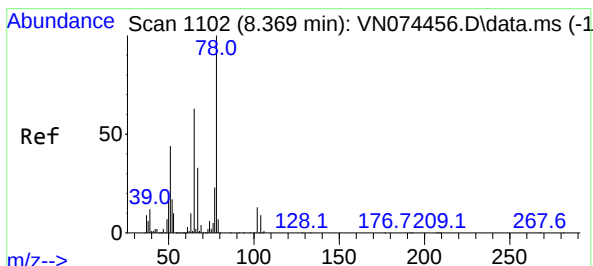
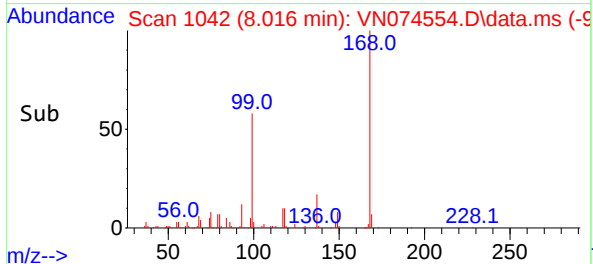
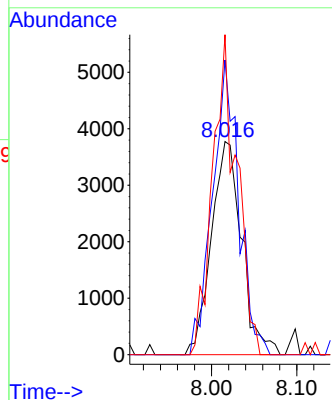
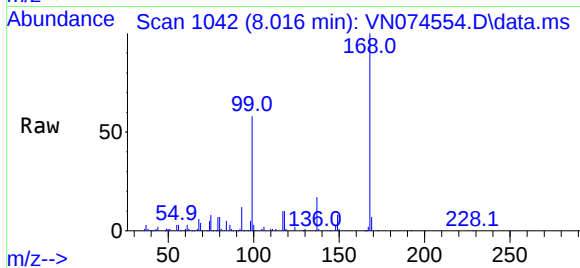
Tgt Ion: 56 Resp: 9330

Ion Ratio Lower Upper

56 100

69 138.3 27.8 41.8#

84 150.2 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 46.353 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074554.D

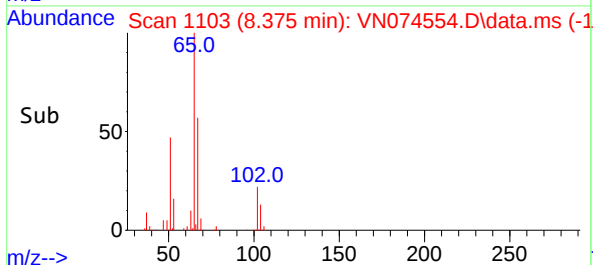
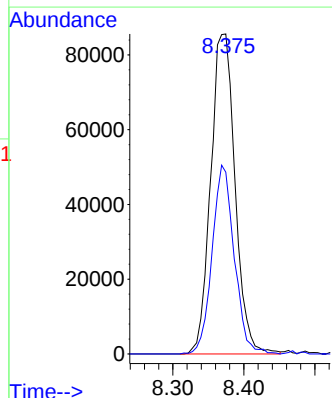
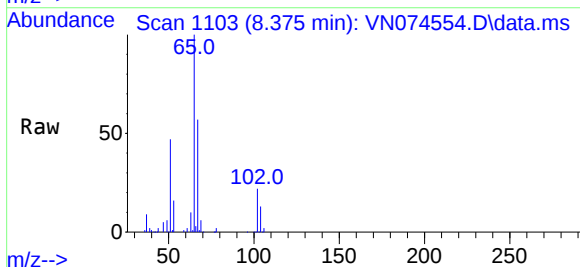
Acq: 17 Sep 2022 14:27

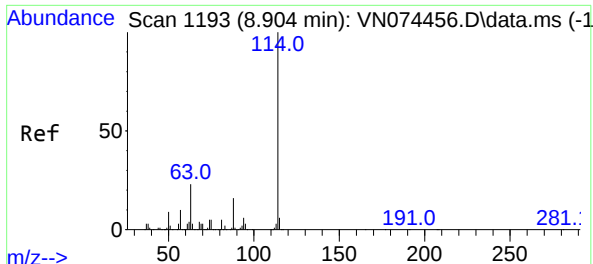
Tgt Ion: 65 Resp: 203779

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.8

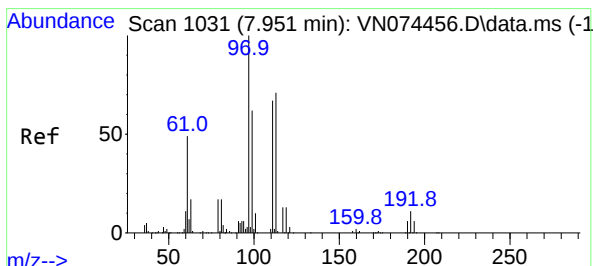
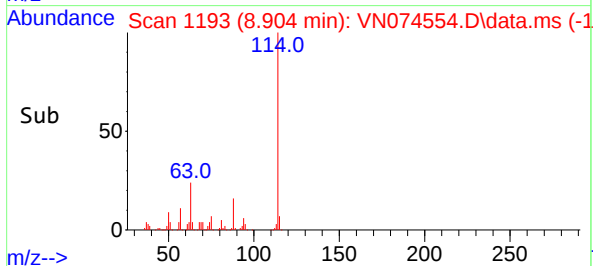
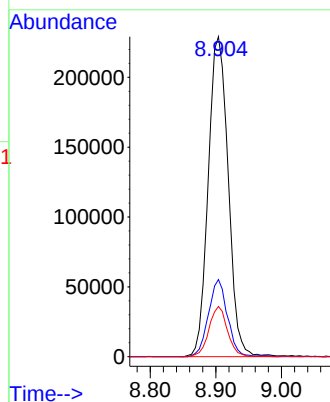
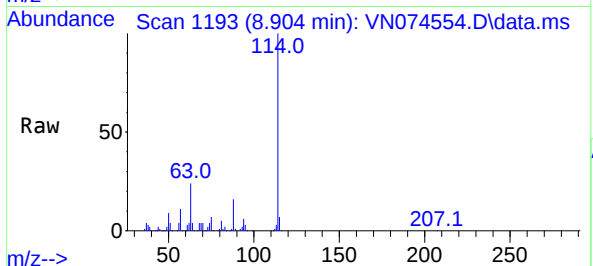




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.904 min Scan# 1193  
Delta R.T. -0.000 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

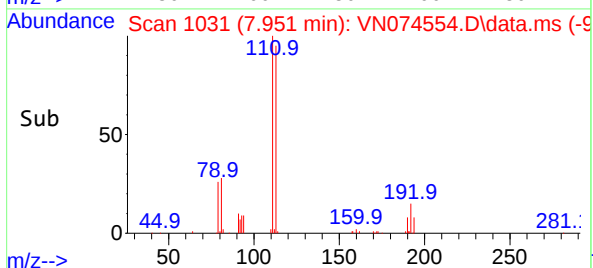
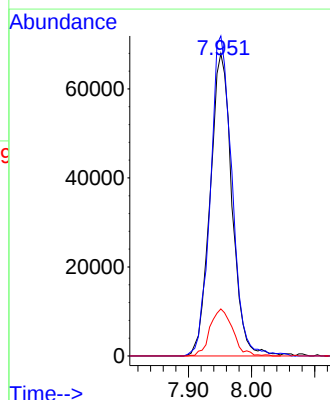
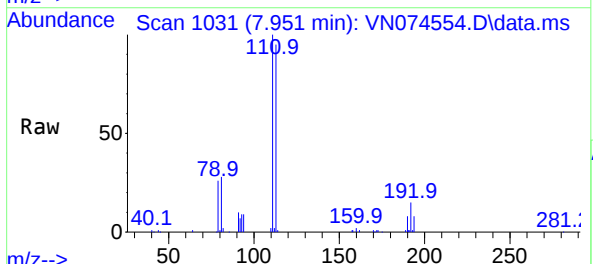
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48854-1040

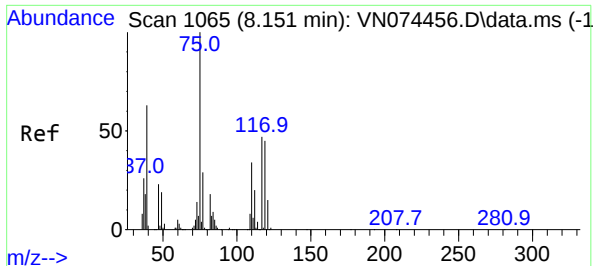
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 484912 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 24.1  | 0.0   | 40.0   |
| 88       | 15.7  | 0.0   | 32.6   |



#35  
Dibromofluoromethane  
Concen: 50.644 ug/l  
RT: 7.951 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 163135 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 105.1 | 81.4  | 122.0  |
| 192      | 16.3  | 17.0  | 25.6   |





#36

1,1-Dichloropropene

Concen: 4.365 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.129 min

Lab File: VN074554.D

Acq: 17 Sep 2022 14:27

Instrument :

MSVOA\_N

ClientSampleId :

N48854-1040

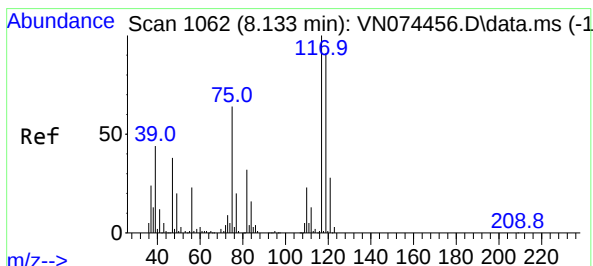
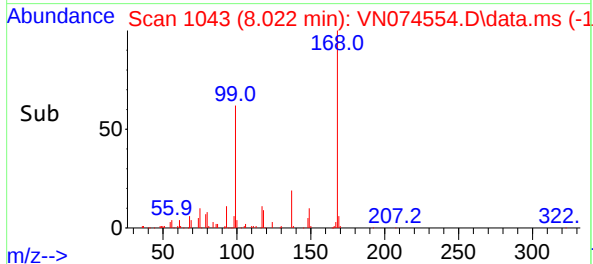
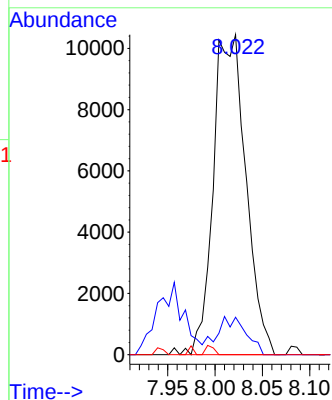
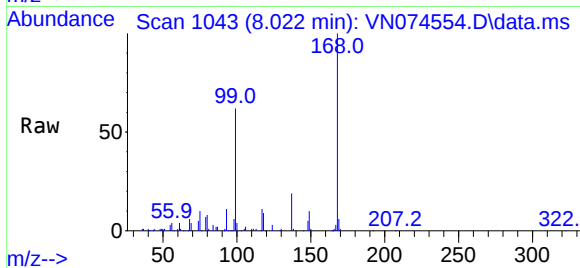
Tgt Ion: 75 Resp: 24887

Ion Ratio Lower Upper

75 100

110 10.7 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 4.954 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.117 min

Lab File: VN074554.D

Acq: 17 Sep 2022 14:27

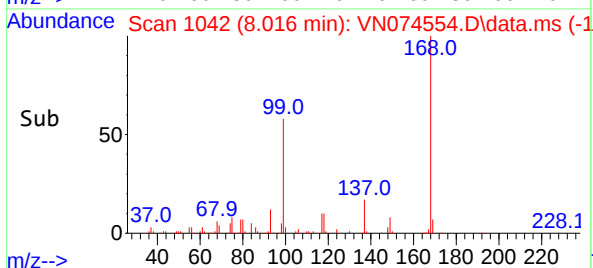
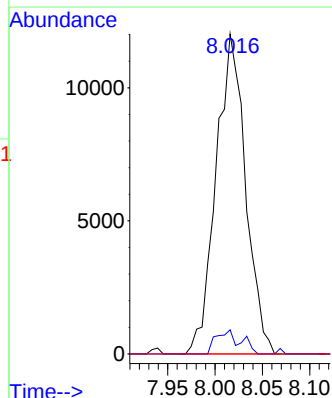
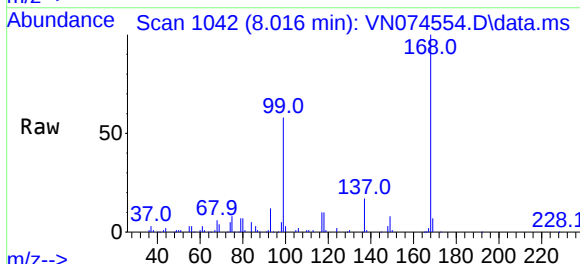
Tgt Ion: 117 Resp: 26081

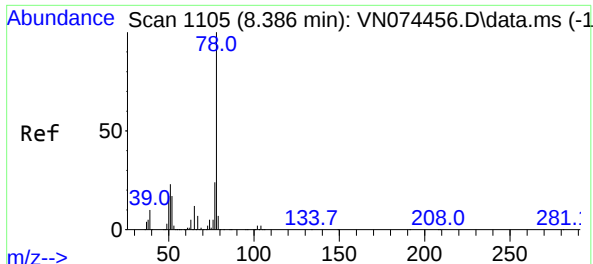
Ion Ratio Lower Upper

117 100

119 7.5 75.8 113.8#

121 0.0 24.6 37.0#

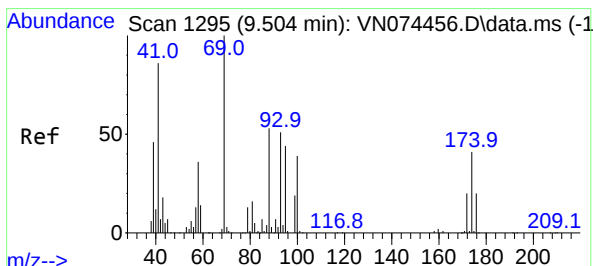
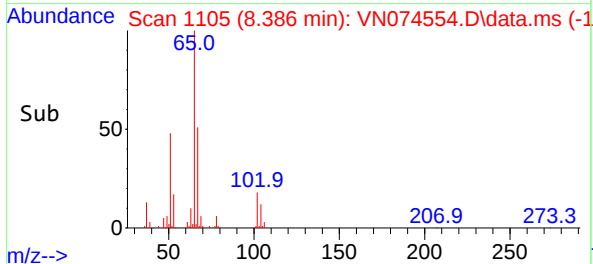
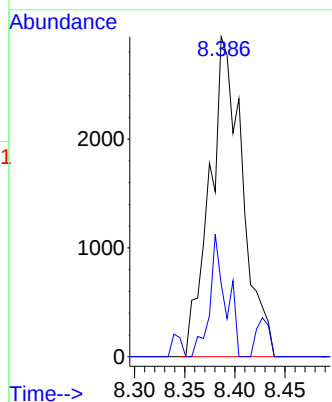
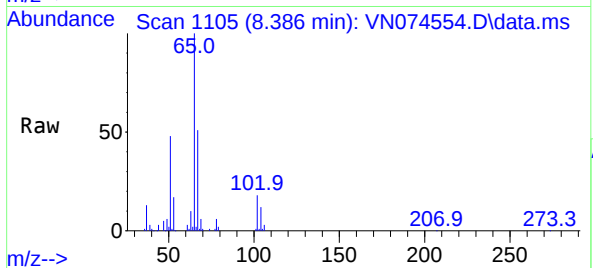




#40  
Benzene  
Concen: 0.378 ug/l  
RT: 8.386 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

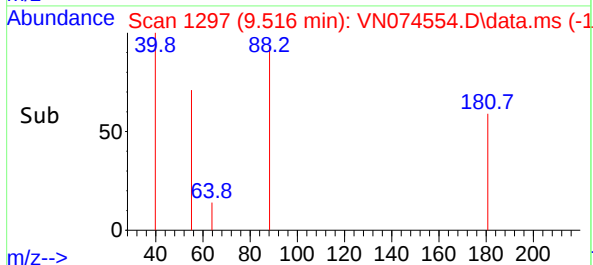
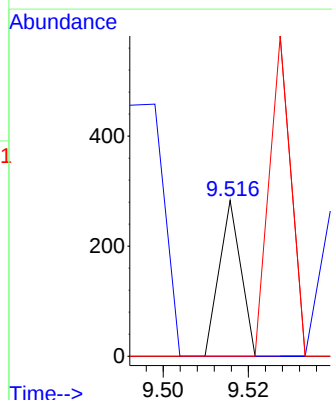
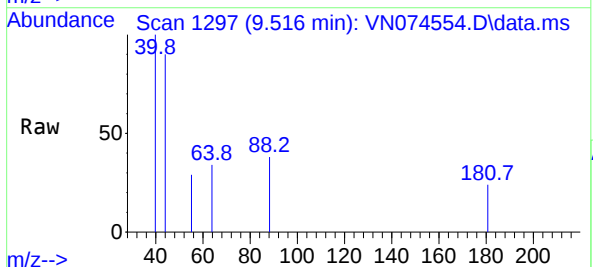
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48854-1040

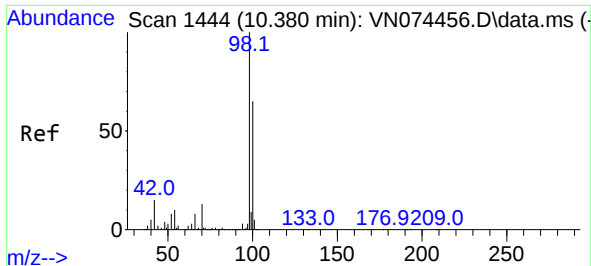
Tgt Ion: 78 Resp: 6666  
Ion Ratio Lower Upper  
78 100  
77 22.7 19.4 29.0



#49  
1,4-Dioxane  
Concen: 0.851 ug/l  
RT: 9.516 min Scan# 1297  
Delta R.T. 0.012 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

Tgt Ion: 88 Resp: 100  
Ion Ratio Lower Upper  
88 100  
43 0.0 20.2 30.4#  
58 205.0 54.2 81.4#

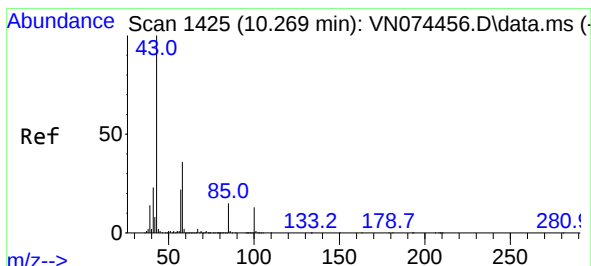
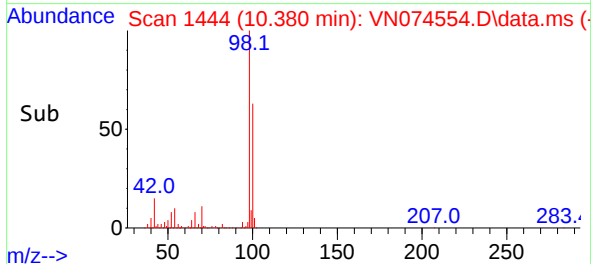
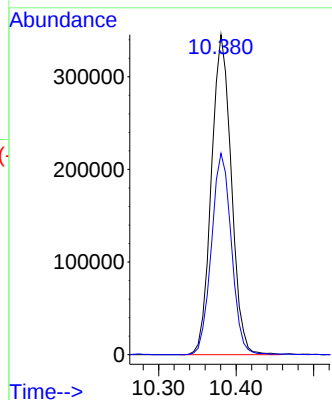
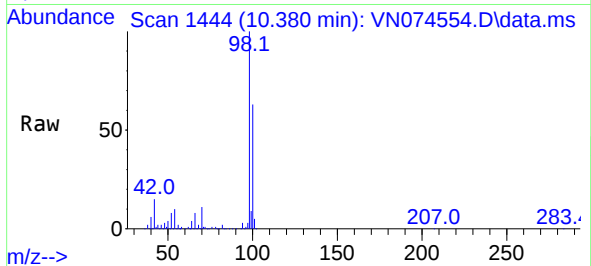




#50  
Toluene-d8  
Concen: 49.473 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

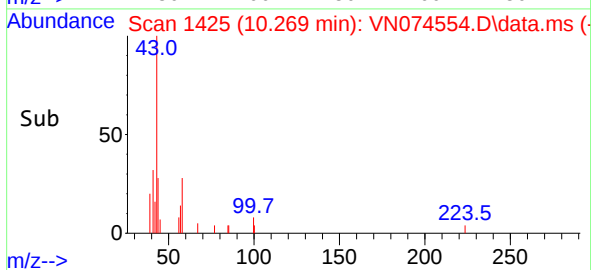
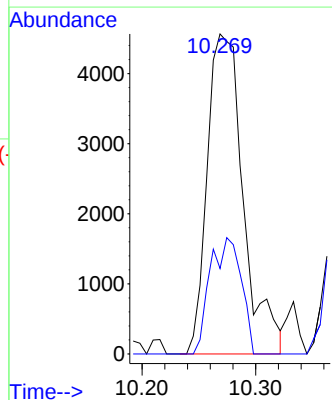
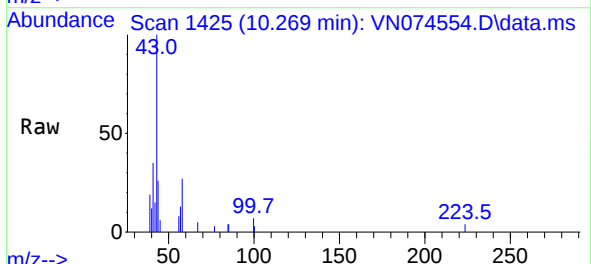
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48854-1040

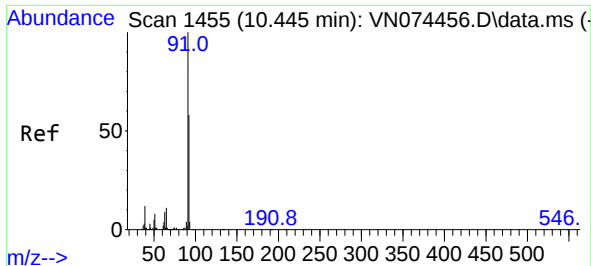
Tgt Ion: 98 Resp: 616306  
Ion Ratio Lower Upper  
98 100  
100 63.2 52.6 78.8



#51  
4-Methyl-2-Pentanone  
Concen: 1.118 ug/l  
RT: 10.269 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

Tgt Ion: 43 Resp: 10073  
Ion Ratio Lower Upper  
43 100  
58 31.3 34.1 51.1#

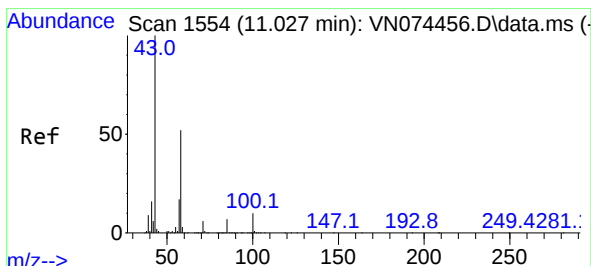
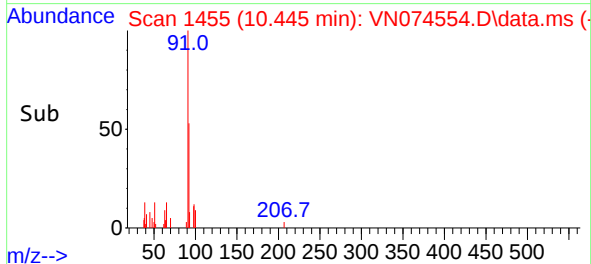
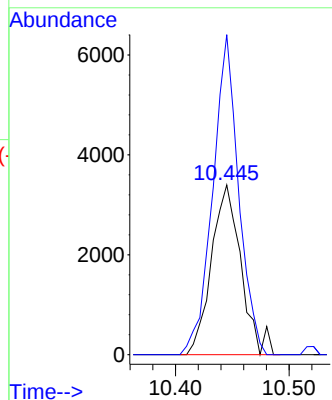
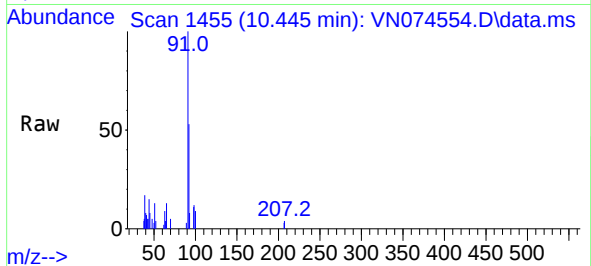




#52  
Toluene  
Concen: 0.593 ug/l  
RT: 10.445 min Scan# 1455  
Delta R.T. 0.000 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

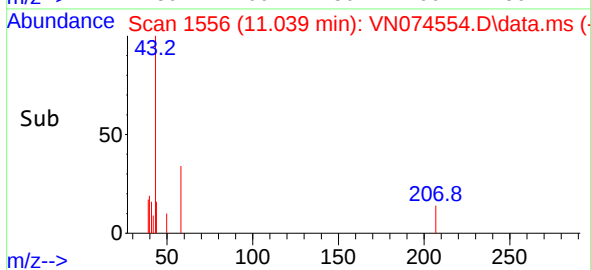
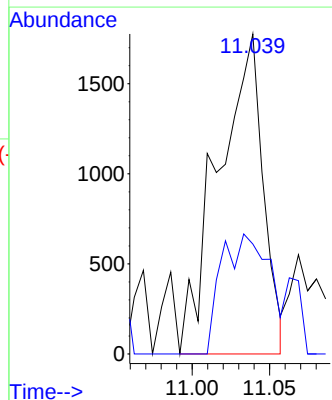
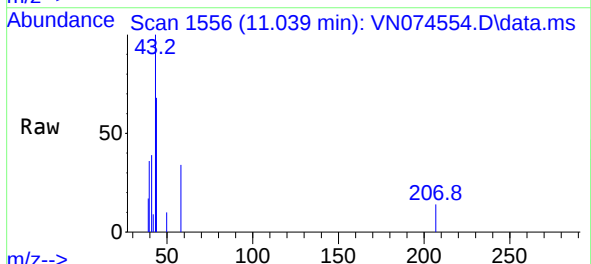
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48854-1040

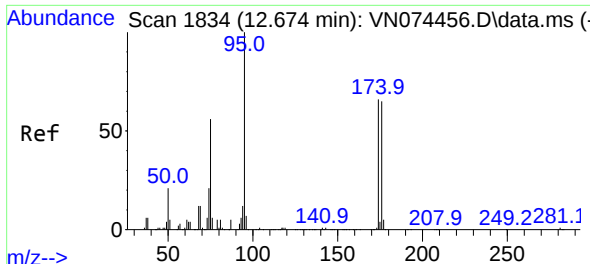
Tgt Ion: 92 Resp: 6135  
Ion Ratio Lower Upper  
92 100  
91 165.3 138.6 207.8



#59  
2-Hexanone  
Concen: 0.518 ug/l  
RT: 11.039 min Scan# 1556  
Delta R.T. 0.012 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

Tgt Ion: 43 Resp: 3565  
Ion Ratio Lower Upper  
43 100  
58 48.2 29.7 89.1

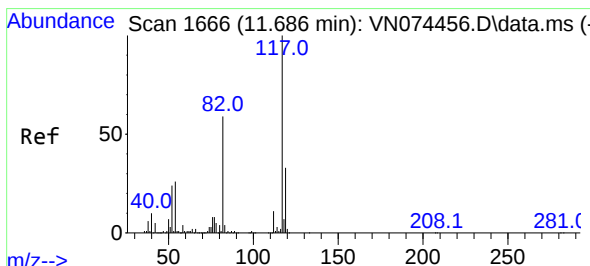
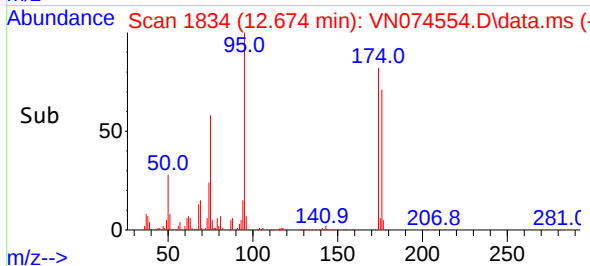
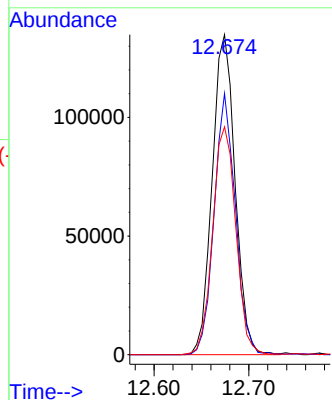
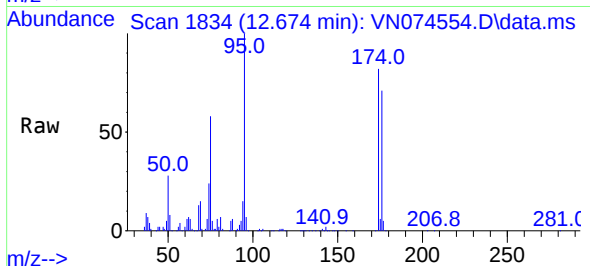




#62  
4-Bromofluorobenzene  
Concen: 53.038 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

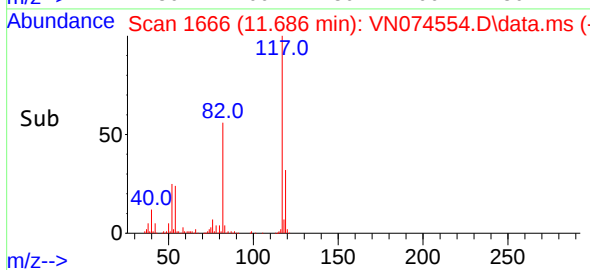
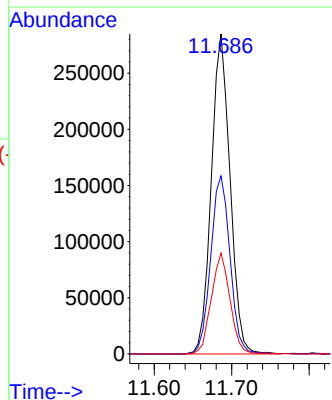
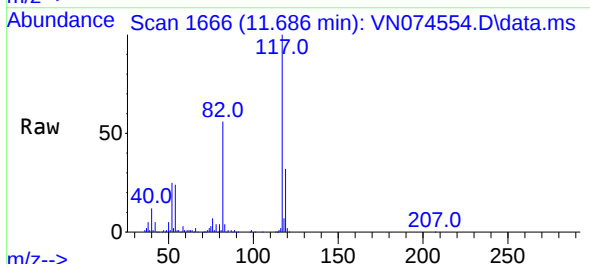
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48854-1040

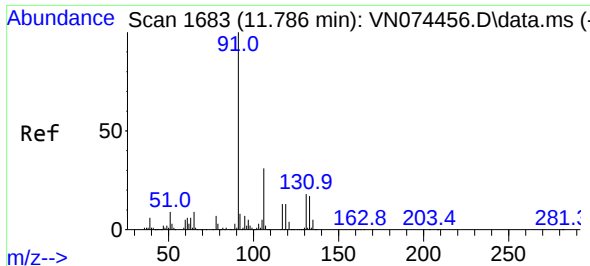
Tgt Ion: 95 Resp: 226295  
Ion Ratio Lower Upper  
95 100  
174 75.9 0.0 167.6  
176 72.1 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

Tgt Ion: 117 Resp: 479022  
Ion Ratio Lower Upper  
117 100  
82 55.7 44.2 66.2  
119 31.5 25.4 38.0

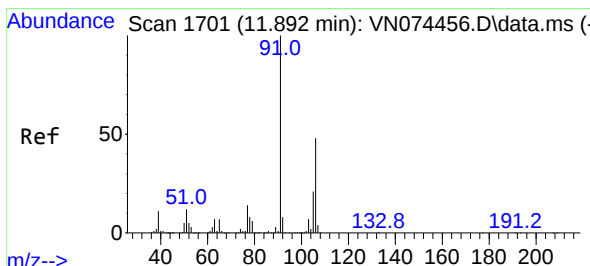
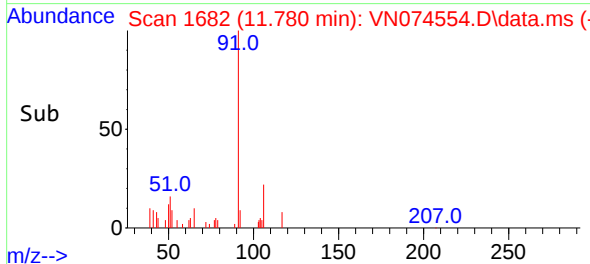
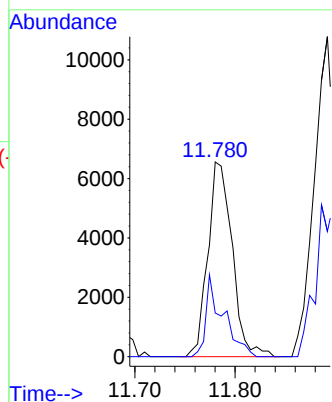
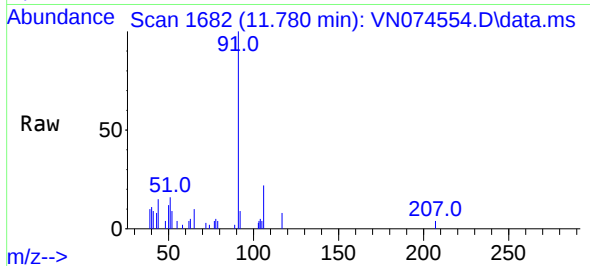




#67  
Ethyl Benzene  
Concen: 0.502 ug/l  
RT: 11.780 min Scan# 1107  
Delta R.T. -0.006 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

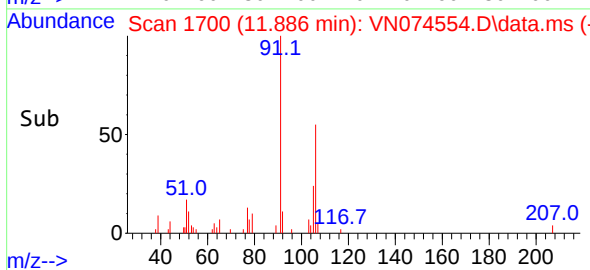
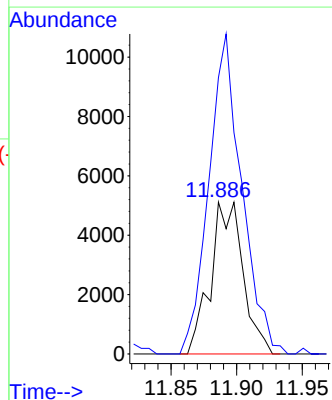
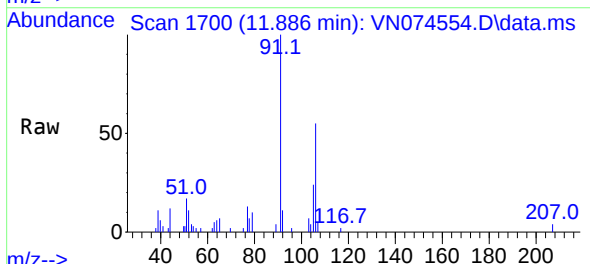
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48854-1040

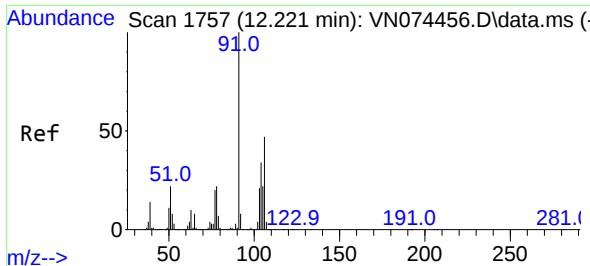
Tgt Ion: 91 Resp: 11073  
Ion Ratio Lower Upper  
91 100  
106 22.4 24.9 37.3#



#68  
m/p-Xylenes  
Concen: 1.075 ug/l  
RT: 11.886 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

Tgt Ion: 106 Resp: 8777  
Ion Ratio Lower Upper  
106 100  
91 214.8 158.9 238.3

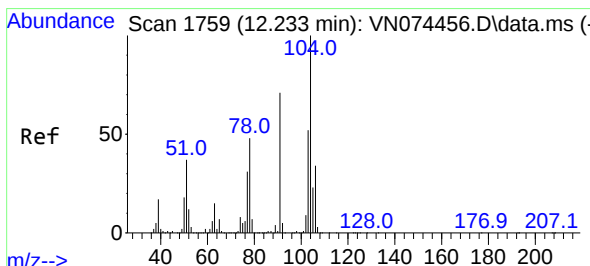
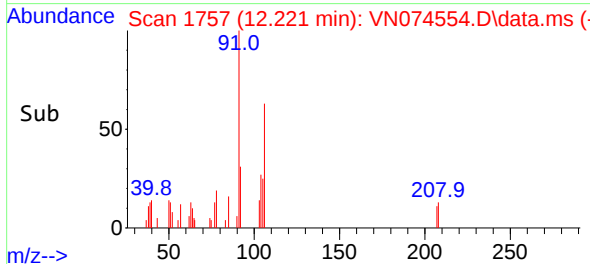
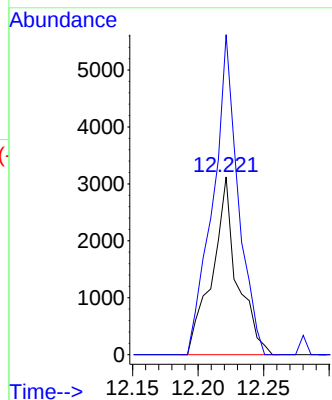
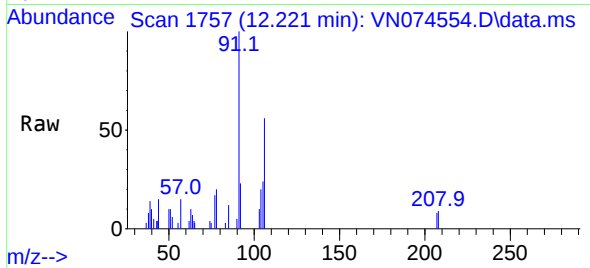




#69  
o-Xylene  
Concen: 0.497 ug/l  
RT: 12.221 min Scan# 1757  
Delta R.T. 0.000 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

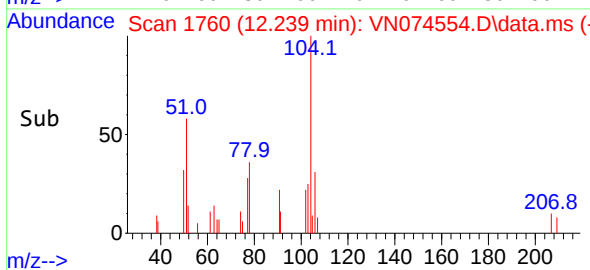
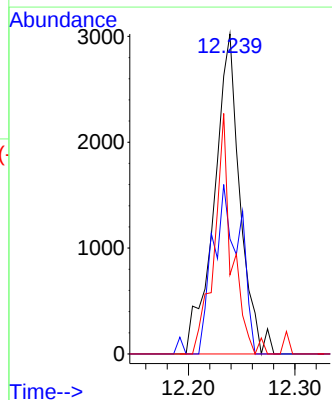
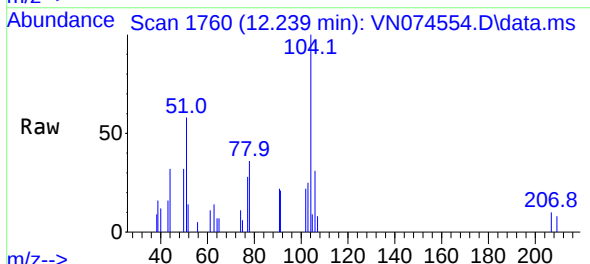
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48854-1040

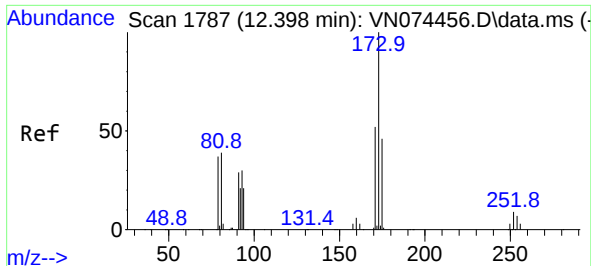
Tgt Ion:106 Resp: 4134  
Ion Ratio Lower Upper  
106 100  
91 182.0 106.0 318.0



#70  
Styrene  
Concen: 0.367 ug/l  
RT: 12.239 min Scan# 1760  
Delta R.T. 0.006 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

Tgt Ion:104 Resp: 5075  
Ion Ratio Lower Upper  
104 100  
78 55.1 39.5 59.3  
103 51.3 44.0 66.0

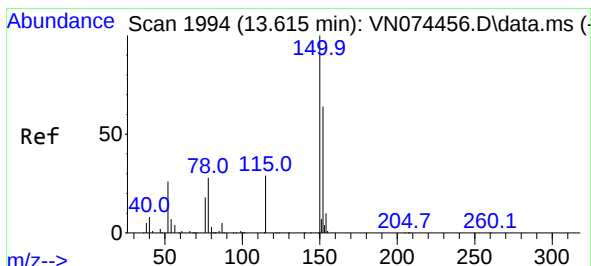
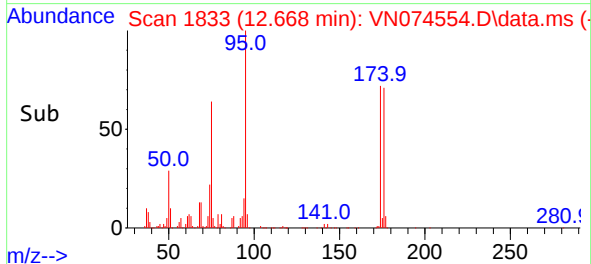
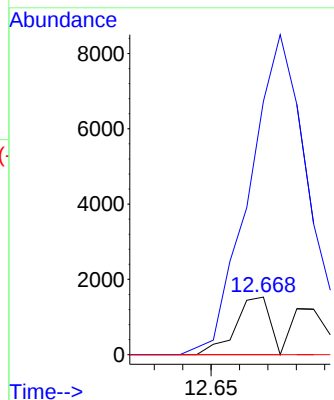
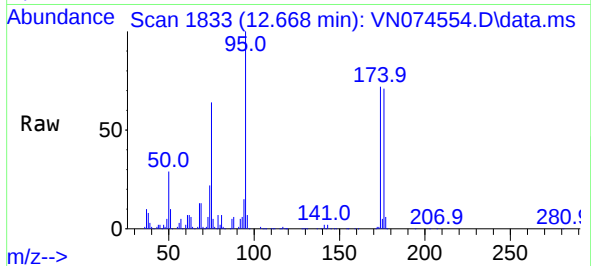




#71  
Bromoform  
Concen: 0.400 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. 0.270 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

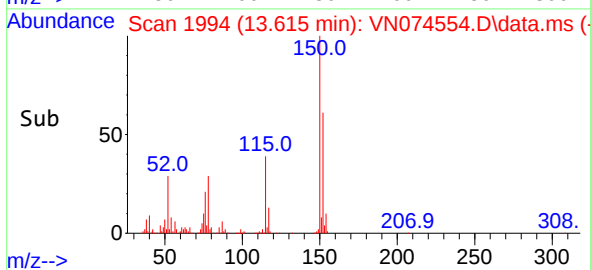
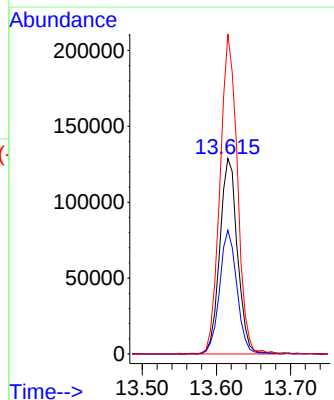
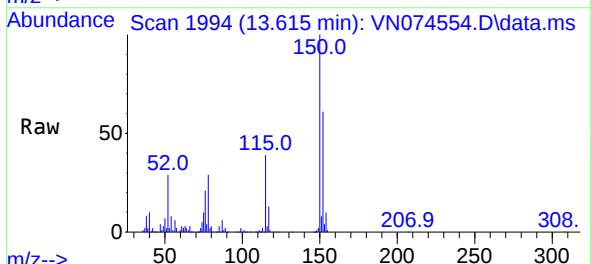
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48854-1040

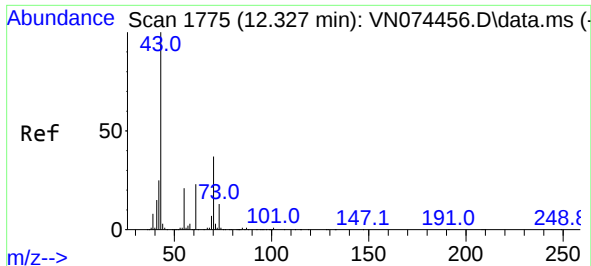
Tgt Ion:173 Resp: 1284  
Ion Ratio Lower Upper  
173 100  
175 0.0 24.6 73.6#  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.615 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

Tgt Ion:152 Resp: 213362  
Ion Ratio Lower Upper  
152 100  
115 62.3 28.9 86.7  
150 161.1 0.0 356.2

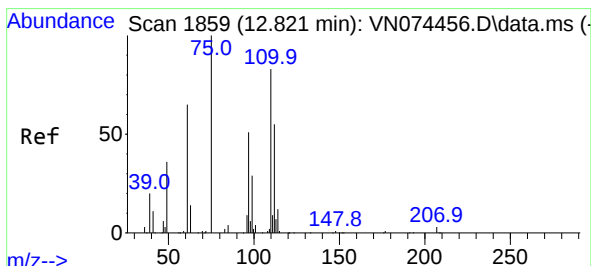
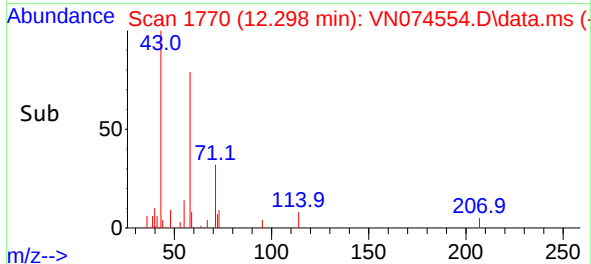
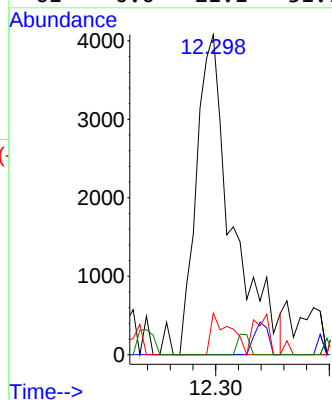
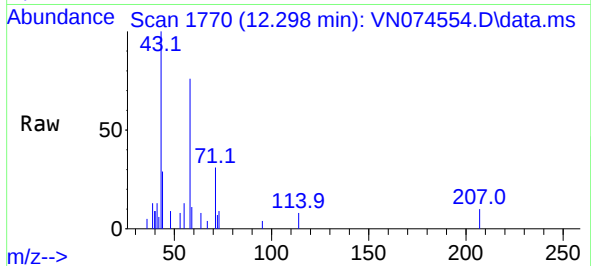




#74  
N-amy1 acetate  
Concen: 0.650 ug/l  
RT: 12.298 min Scan# 11  
Delta R.T. -0.029 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

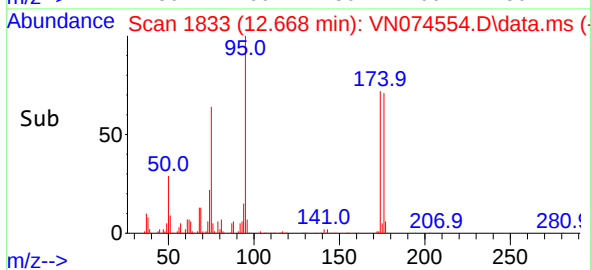
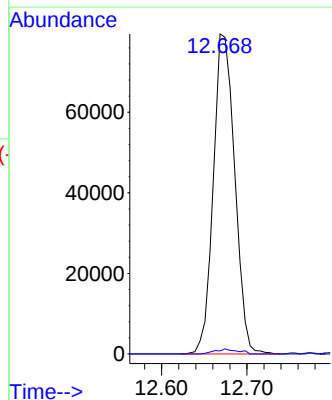
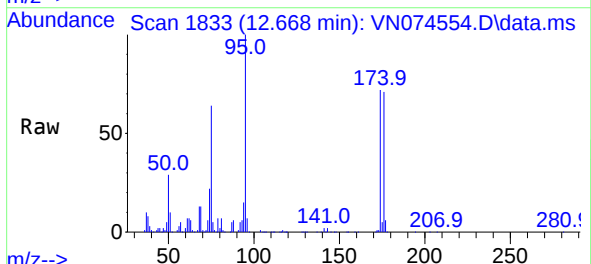
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48854-1040

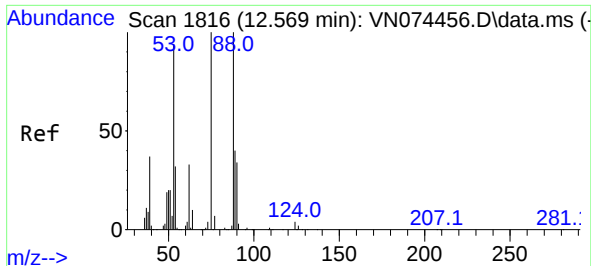
Tgt Ion: 43 Resp: 8878  
Ion Ratio Lower Upper  
43 100  
70 0.0 39.0 58.4#  
55 7.0 21.1 31.7#  
61 0.0 21.1 31.7#



#76  
1,2,3-Trichloropropane  
Concen: 21.129 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. -0.153 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

Tgt Ion: 75 Resp: 138761  
Ion Ratio Lower Upper  
75 100  
77 1.7 98.5 295.5#

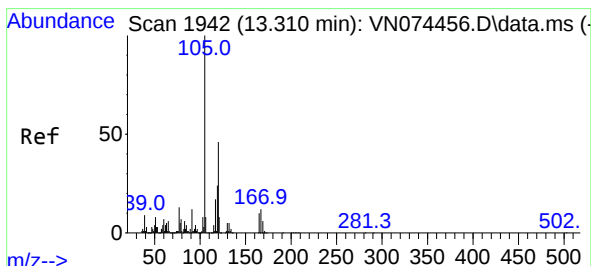
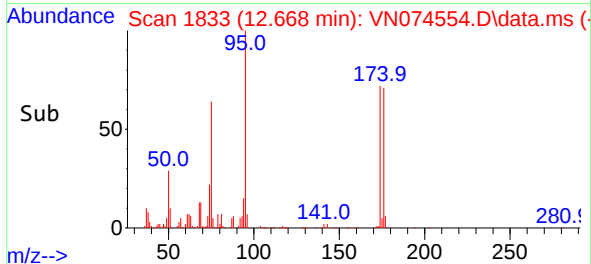
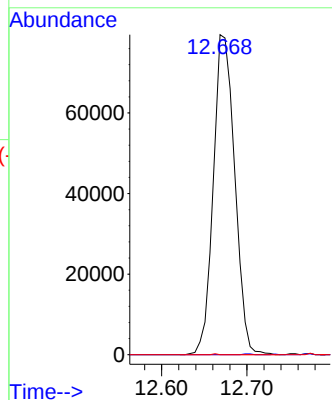
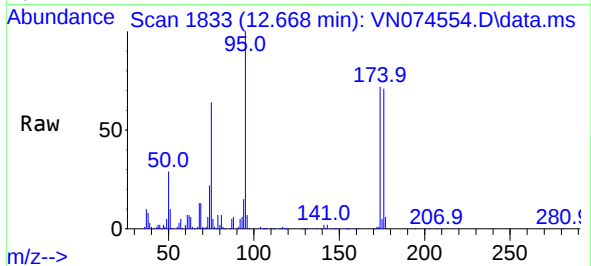




#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.602 ug/l  
RT: 12.668 min Scan# 1816  
Delta R.T. 0.099 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

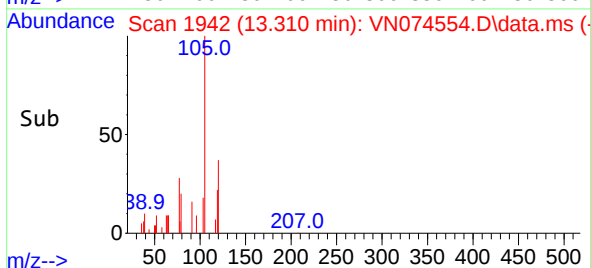
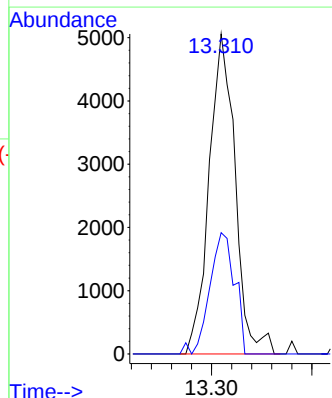
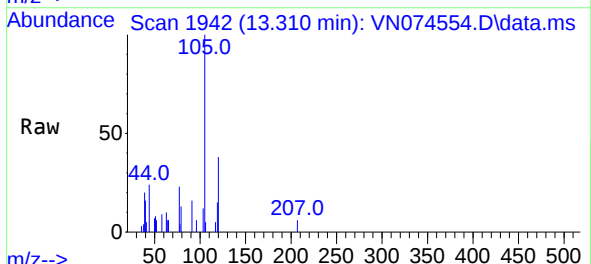
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48854-1040

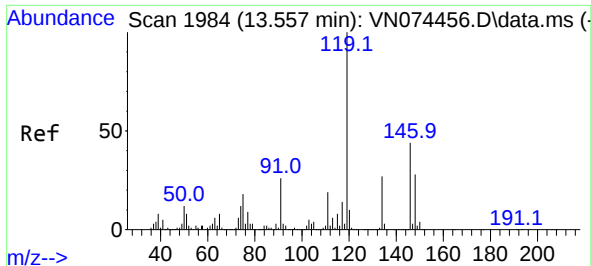
Tgt Ion: 75 Resp: 138761  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.0 117.0#  
89 0.1 37.2 55.8#



#84  
1,2,4-Trimethylbenzene  
Concen: 0.509 ug/l  
RT: 13.310 min Scan# 1942  
Delta R.T. -0.000 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

Tgt Ion: 105 Resp: 9125  
Ion Ratio Lower Upper  
105 100  
120 36.3 23.3 69.8





#87

1,3-Dichlorobenzene

Concen: 0.207 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN074554.D

Acq: 17 Sep 2022 14:27

Instrument :

MSVOA\_N

ClientSampleId :

N48854-1040

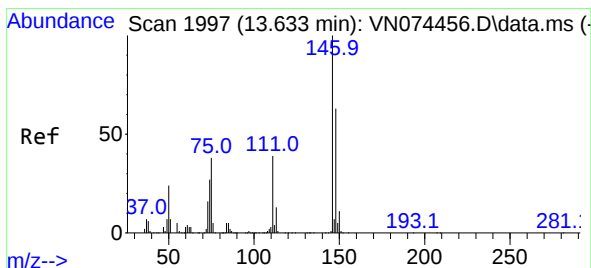
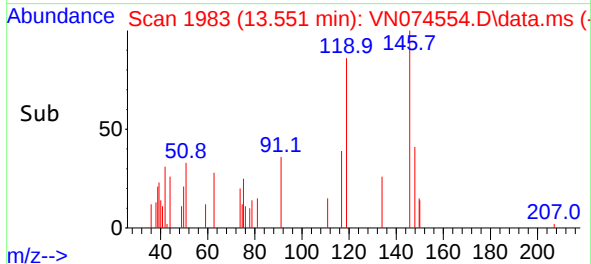
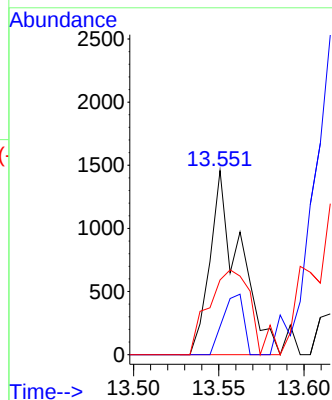
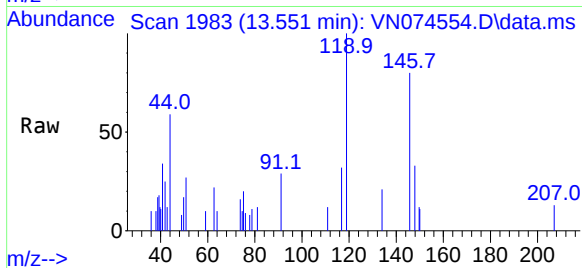
Tgt Ion:146 Resp: 1775

Ion Ratio Lower Upper

146 100

111 22.8 20.0 60.0

148 66.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.206 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.082 min

Lab File: VN074554.D

Acq: 17 Sep 2022 14:27

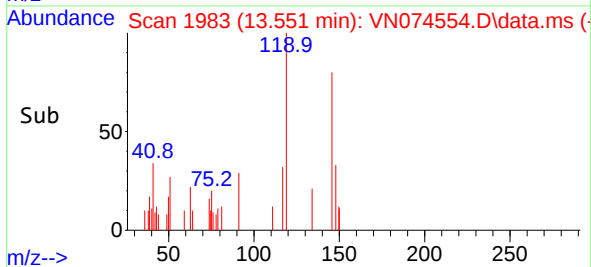
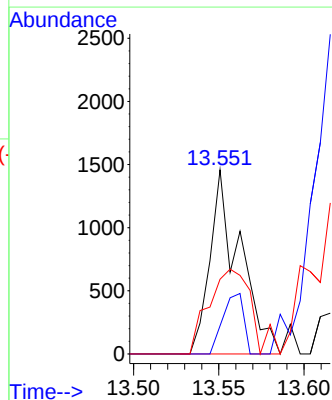
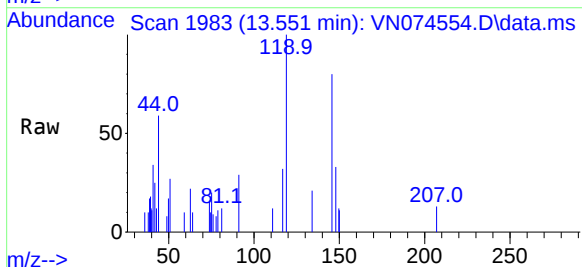
Tgt Ion:146 Resp: 1775

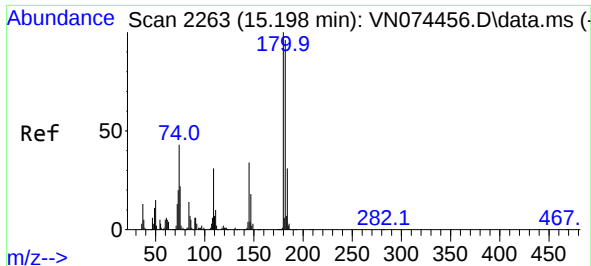
Ion Ratio Lower Upper

146 100

111 22.8 19.1 57.1

148 66.4 31.4 94.3

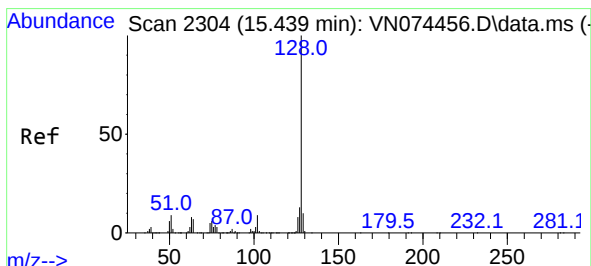
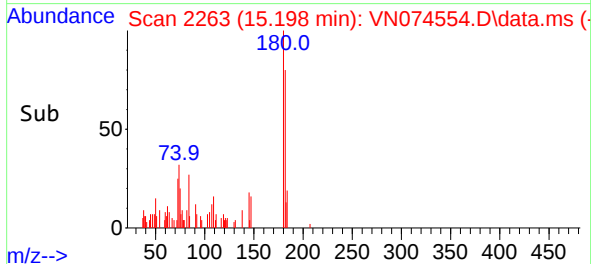
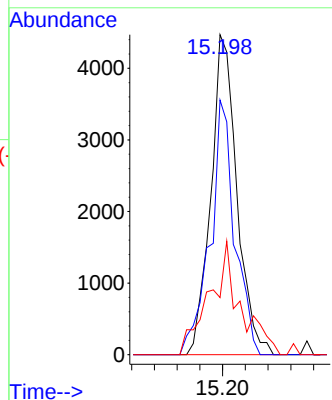
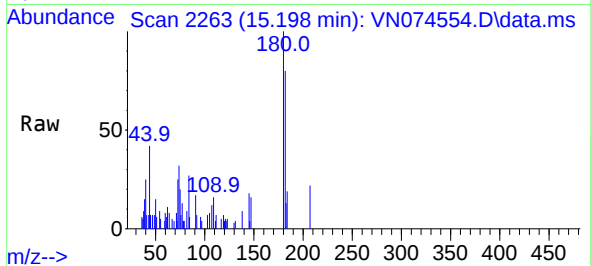




#93  
1,2,4-Trichlorobenzene  
Concen: 1.679 ug/l  
RT: 15.198 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

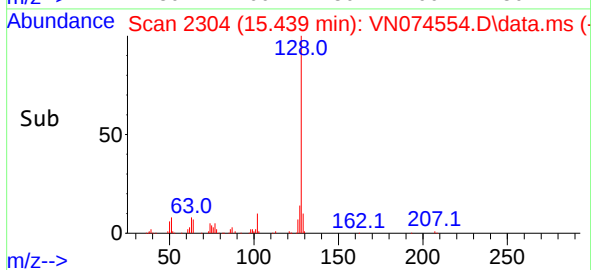
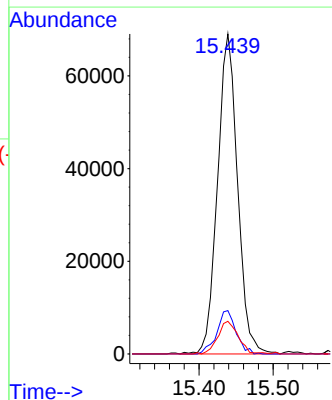
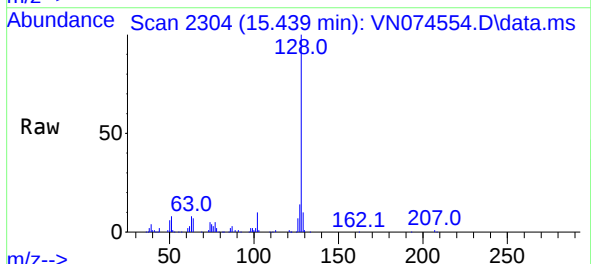
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48854-1040

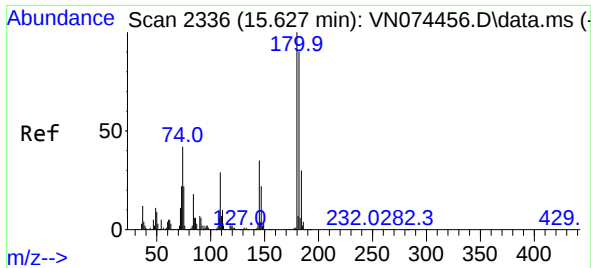
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 7116  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 75.0  | 47.5  | 142.5 |
| 145      | 41.8  | 14.5  | 43.5  |



#95  
Naphthalene  
Concen: 8.464 ug/l  
RT: 15.439 min Scan# 2304  
Delta R.T. -0.000 min  
Lab File: VN074554.D  
Acq: 17 Sep 2022 14:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 129678 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.0  | 10.3  | 15.5   |
| 129      | 10.6  | 8.6   | 13.0   |





#96

1,2,3-Trichlorobenzene

Concen: 1.840 ug/l

RT: 15.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074554.D

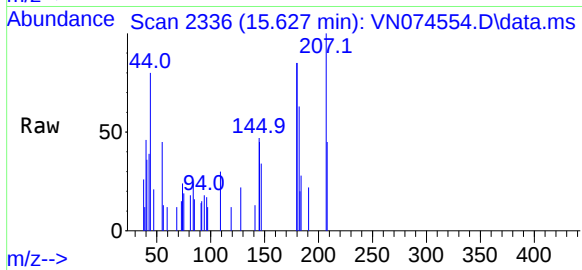
Acq: 17 Sep 2022 14:27

Instrument :

MSVOA\_N

ClientSampleId :

N48854-1040



Tgt Ion:180 Resp: 2270

Ion Ratio Lower Upper

180 100

182 90.7 47.8 143.3

145 61.2 15.5 46.5#

