

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122121\  
 Data File : VN070262.D  
 Acq On : 21 Dec 2021 12:55  
 Operator : JC/MD  
 Sample : M5165-01DL 50X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EXCAVATION-INFLUENTDL

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/22/2021  
 Supervised By : Semsettin Yesilyurt 12/23/2021

Quant Time: Dec 21 15:25:23 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 08:46:47 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 8.086          | 168  | 757225              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.968          | 114  | 1315553             | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.744         | 117  | 1125500             | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.675         | 152  | 402221              | 50.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.437          | 65   | 660260              | 56.473  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 61 - 141 |      | Recovery = 112.940% |         |        |          |
| 35) Dibromofluoromethane     | 8.021          | 113  | 434569              | 52.737  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 69 - 133 |      | Recovery = 105.480% |         |        |          |
| 50) Toluene-d8               | 10.440         | 98   | 1455871             | 44.000  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 65 - 126 |      | Recovery = 88.000%  |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.731         | 95   | 484163              | 40.391  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 135 |      | Recovery = 80.780%  |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.078          | 85   | 8171                | 0.925   | ug/l   | 94       |
| 3) Chloromethane             | 2.306          | 50   | 11675               | 1.055   | ug/l   | 93       |
| 4) Vinyl Chloride            | 2.451          | 62   | 13626               | 1.339   | ug/l   | 91       |
| 5) Bromomethane              | 2.880          | 94   | 6611                | 1.196   | ug/l   | 84       |
| 9) 1,1,2-Trichlorotrifluo... | 4.216          | 101  | 4668m               | 0.624   | ug/l   |          |
| 12) 1,1-Dichloroethene       | 4.183          | 96   | 4891m               | 0.678   | ug/l   |          |
| 16) Acetone                  | 4.293          | 43   | 15359               | 2.184   | ug/l   | 92       |
| 17) Carbon Disulfide         | 4.532          | 76   | 15935               | 0.855   | ug/l   | 95       |
| 18) Methyl Acetate           | 4.865          | 43   | 12100               | 0.570   | ug/l # | 71       |
| 19) Methyl tert-butyl Ether  | 5.618          | 73   | 21261               | 0.758   | ug/l   | 93       |
| 20) Methylene Chloride       | 5.098          | 84   | 12884               | 1.378   | ug/l # | 75       |
| 21) trans-1,2-Dichloroethene | 5.608          | 96   | 6815m               | 0.870   | ug/l   |          |
| 24) 1,1-Dichloroethane       | 6.383          | 63   | 12113               | 0.736   | ug/l # | 95       |
| 27) cis-1,2-Dichloroethene   | 7.327          | 96   | 239109              | 25.262  | ug/l   | 95       |
| 28) Bromochloromethane       | 7.659          | 49   | 6183                | 0.723   | ug/l # | 82       |
| 30) Chloroform               | 7.820          | 83   | 12149               | 0.731   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.204          | 117  | 7256                | 0.591   | ug/l   | 95       |
| 39) Methylcyclohexane        | 9.459          | 83   | 8905                | 0.598   | ug/l # | 86       |
| 40) Benzene                  | 8.458          | 78   | 26181               | 0.684   | ug/l   | 95       |
| 42) 1,2-Dichloroethane       | 8.531          | 62   | 12299               | 0.796   | ug/l   | 93       |
| 44) Trichloroethene          | 9.215          | 130  | 176706              | 19.340  | ug/l   | 91       |
| 45) 1,2-Dichloropropane      | 9.488          | 63   | 6769                | 0.658   | ug/l   | 91       |
| 47) Bromodichloromethane     | 9.762          | 83   | 7789                | 0.610   | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone     | 10.333         | 43   | 32088               | 1.793   | ug/l   | 97       |
| 52) Toluene                  | 10.505         | 92   | 16199               | 0.693   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene    | 10.717         | 75   | 7649                | 3.264   | ug/l   | 91       |
| 54) cis-1,3-Dichloropropene  | 10.188         | 75   | 8449                | 2.502   | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane    | 10.896         | 97   | 6746                | 0.715   | ug/l   | 97       |
| 59) 2-Hexanone               | 11.089         | 43   | 35269               | 2.605   | ug/l   | 93       |
| 61) 1,2-Dibromoethane        | 11.342         | 107  | 6152                | 0.630   | ug/l   | 97       |
| 64) Tetrachloroethene        | 10.977         | 164  | 1310463             | 171.714 | ug/l   | 96       |
| 65) Chlorobenzene            | 11.768         | 112  | 16033               | 0.702   | ug/l   | 100      |
| 67) Ethyl Benzene            | 11.846         | 91   | 33053               | 0.797   | ug/l   | 96       |
| 68) m/p-Xylenes              | 11.956         | 106  | 16513               | 1.093   | ug/l   | 82       |
| 69) o-Xylene                 | 12.283         | 106  | 15623               | 1.027   | ug/l   | 88       |
| 70) Styrene                  | 12.294         | 104  | 15458m              | 0.641   | ug/l   |          |

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 EXCAVATION-INFLUENTDL

Manual Integrations  
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Quant Time: Dec 21 15:25:23 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 08:46:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 71) Bromoform                 | 12.457 | 173  | 3695     | 3.239 | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.578 | 105  | 30817    | 0.861 | ug/l   | 95       |
| 74) N-amyl acetate            | 12.393 | 43   | 12133    | 0.767 | ug/l # | 89       |
| 75) 1,1,2,2-Tetrachloroethane | 12.825 | 83   | 11397    | 0.921 | ug/l   | 90       |
| 76) 1,2,3-Trichloropropane    | 12.884 | 75   | 11767    | 1.020 | ug/l # | 4        |
| 77) Bromobenzene              | 12.862 | 156  | 2085     | 0.248 | ug/l   | 85       |
| 78) n-propylbenzene           | 12.921 | 91   | 25194    | 0.633 | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.058 | 105  | 89514    | 3.108 | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 5220     | 0.205 | ug/l   | 87       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 143067   | 5.215 | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 15821    | 0.457 | ug/l   | 87       |
| 86) p-Isopropyltoluene        | 13.616 | 119  | 15337    | 0.567 | ug/l   | 93       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 13566    | 0.982 | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 13.694 | 146  | 14854m   | 1.095 | ug/l   |          |
| 89) n-Butylbenzene            | 13.946 | 91   | 15869    | 0.723 | ug/l # | 72       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 14684    | 1.091 | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.603 | 75   | 2538     | 1.135 | ug/l   | 65       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 12715    | 4.694 | ug/l   | 93       |
| 94) Hexachlorobutadiene       | 15.367 | 225  | 1420     | 0.398 | ug/l   | 78       |
| 95) Naphthalene               | 15.507 | 128  | 60207    | 6.804 | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.697 | 180  | 15596    | 4.742 | ug/l   | 97       |
| -----                         |        |      |          |       |        |          |

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

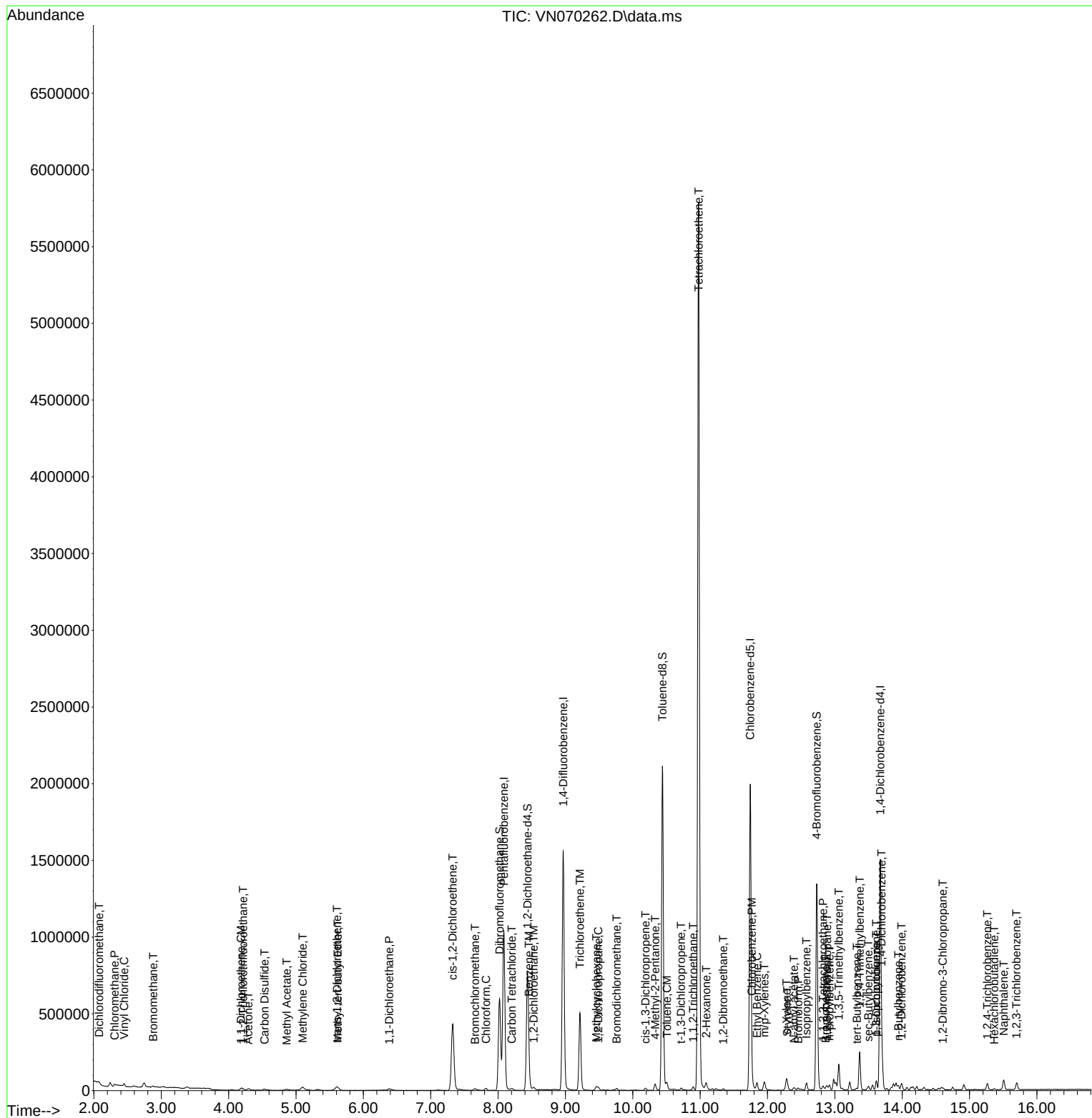
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122121\  
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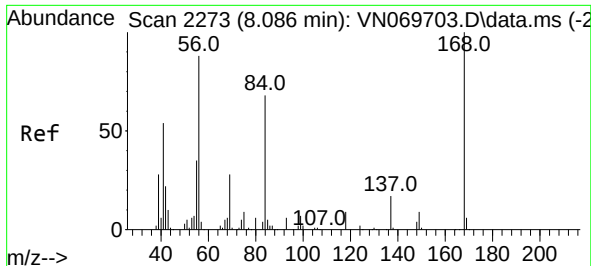
Instrument :  
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 EXCAVATION-INFLUENTDL

### Manual Integrations APPROVED

Reviewed By : John Carlone 12/22/2021  
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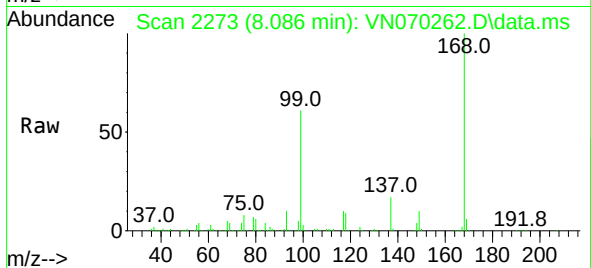
Quant Time: Dec 21 15:25:23 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
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 Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

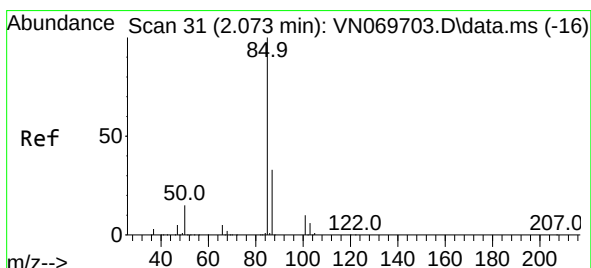
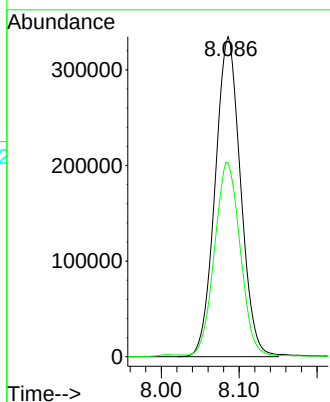
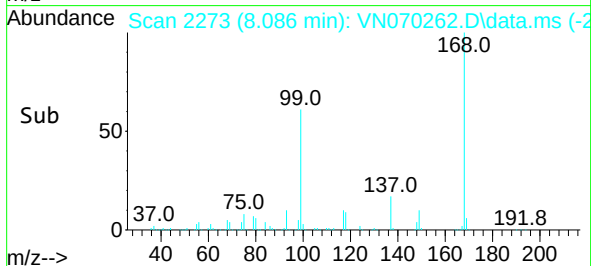
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



Tgt Ion:168 Resp: 757225  
Ion Ratio Lower Upper  
168 100  
99 60.2 41.3 61.9

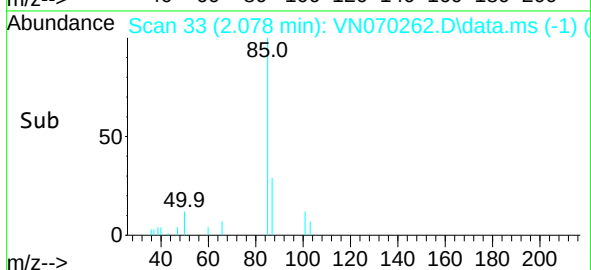
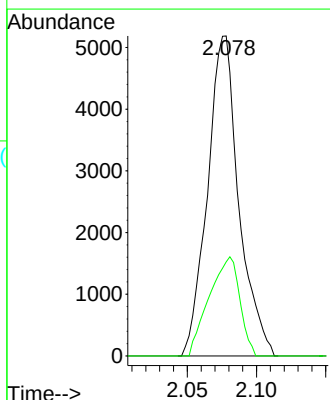
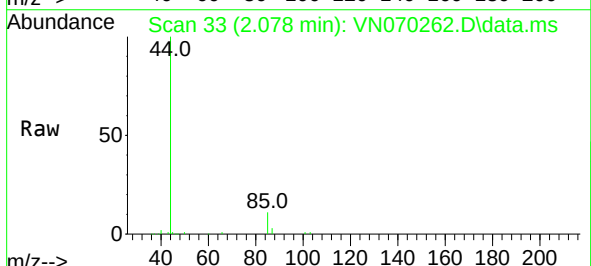
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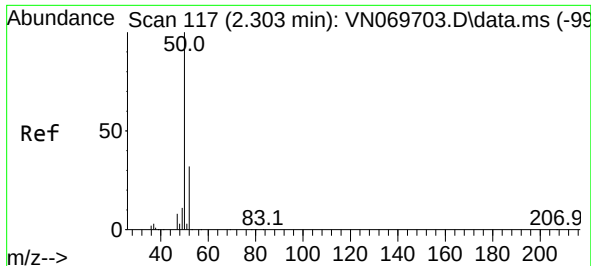
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021



#2  
Dichlorodifluoromethane  
Concen: 0.925 ug/l  
RT: 2.078 min Scan# 33  
Delta R.T. 0.006 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

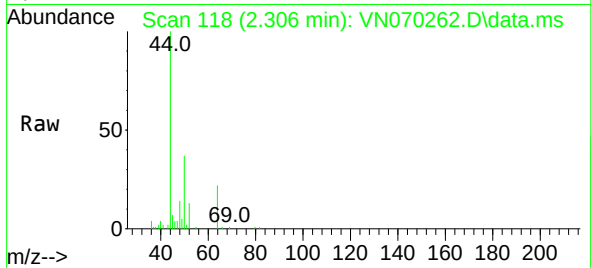
Tgt Ion: 85 Resp: 8171  
Ion Ratio Lower Upper  
85 100  
87 29.4 16.3 48.9





#3  
Chloromethane  
Concen: 1.055 ug/l  
RT: 2.306 min Scan# 117  
Delta R.T. 0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

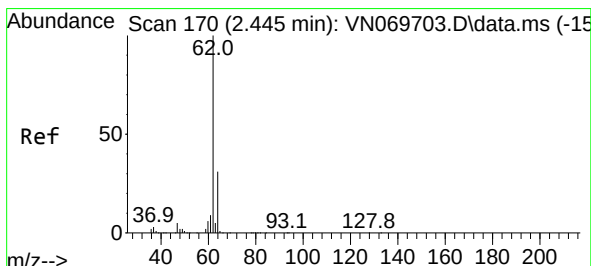
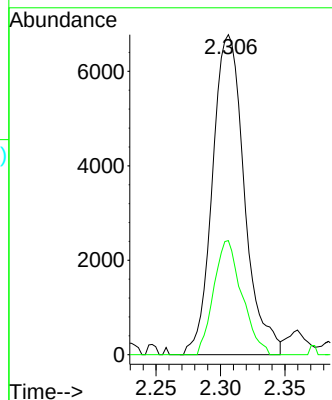
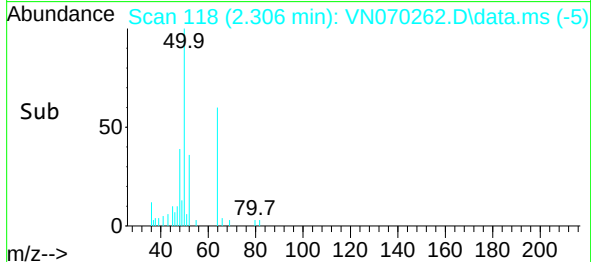
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EXCAVATION-INFLUENTDL



Tgt Ion: 50 Resp: 1167  
Ion Ratio Lower Upper  
50 100  
52 35.6 25.4 38.0

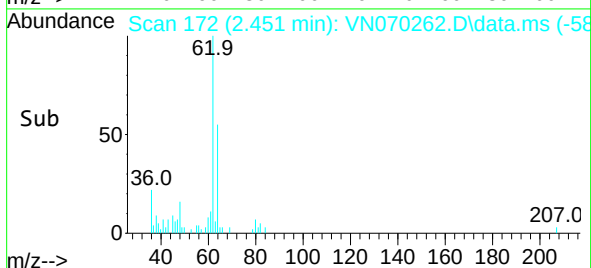
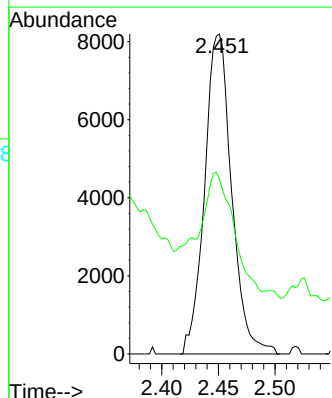
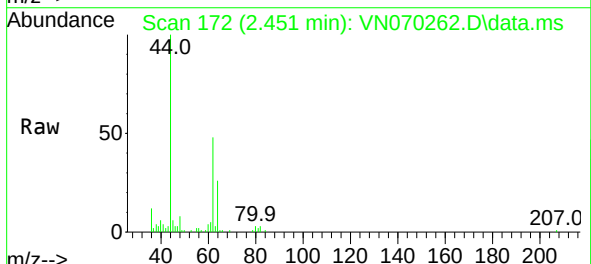
Manual Integrations  
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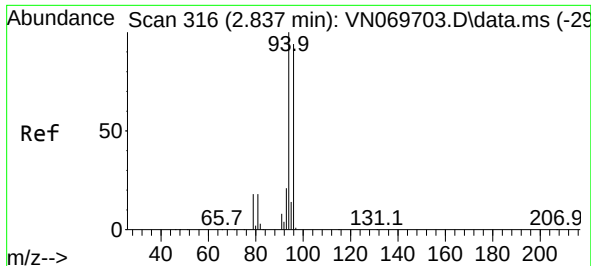
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021



#4  
Vinyl Chloride  
Concen: 1.339 ug/l  
RT: 2.451 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

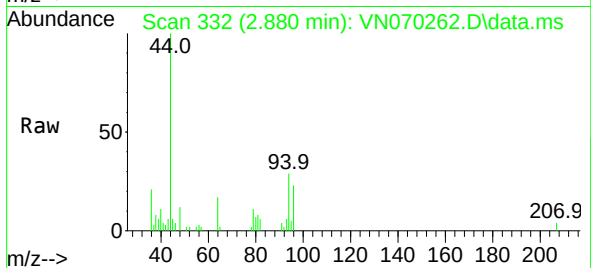
Tgt Ion: 62 Resp: 13626  
Ion Ratio Lower Upper  
62 100  
64 37.2 25.8 38.6





#5  
Bromomethane  
Concen: 1.196 ug/l  
RT: 2.880 min Scan# 316  
Delta R.T. 0.043 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

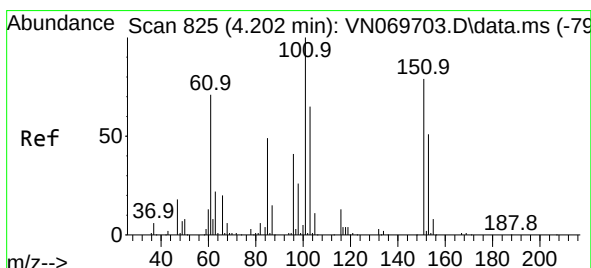
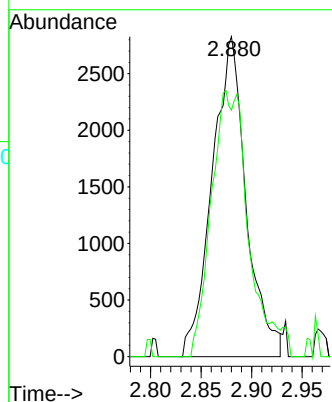
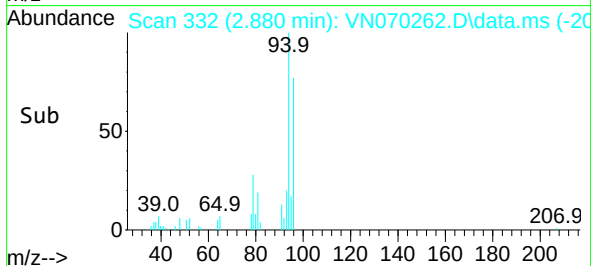
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EXCAVATION-INFLUENTDL



Tgt Ion: 94 Resp: 661  
Ion Ratio Lower Upper  
94 100  
96 77.0 73.8 110.8

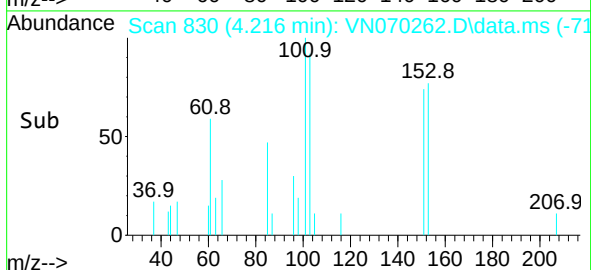
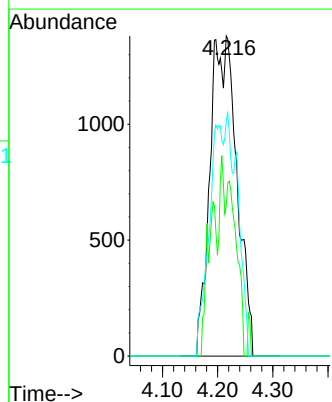
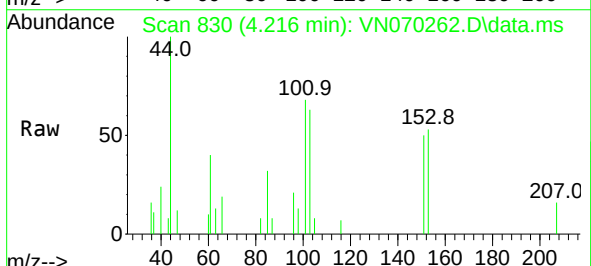
Manual Integrations  
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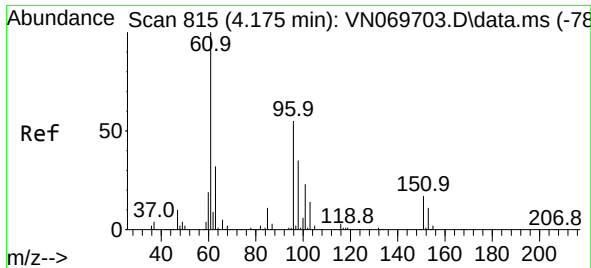
Reviewed By :John Carlone 12/22/2021  
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#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.624 ug/l m  
RT: 4.216 min Scan# 830  
Delta R.T. 0.014 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

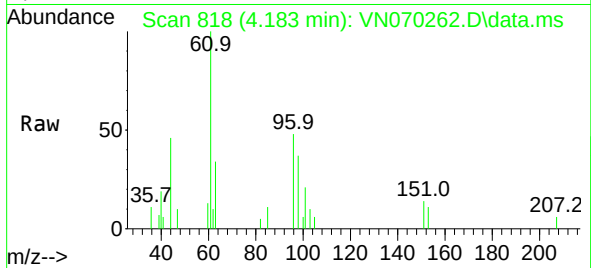
Tgt Ion:101 Resp: 4668  
Ion Ratio Lower Upper  
101 100  
85 5.2 37.2 55.8#  
151 39.1 65.9 98.9#





#12  
1,1-Dichloroethene  
Concen: 0.678 ug/l m  
RT: 4.183 min Scan# 815  
Delta R.T. 0.008 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

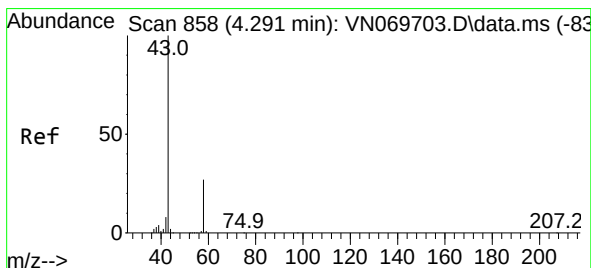
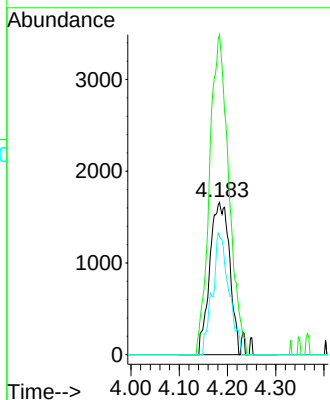
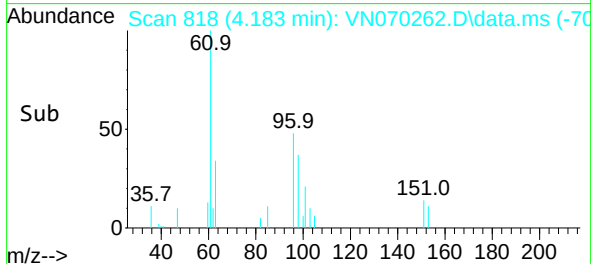
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EXCAVATION-INFLUENTDL



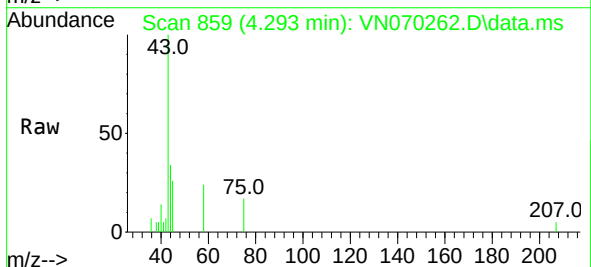
Tgt Ion: 96 Resp: 489  
Ion Ratio Lower Upper  
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61 210.1 131.0 196.6  
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Manual Integrations  
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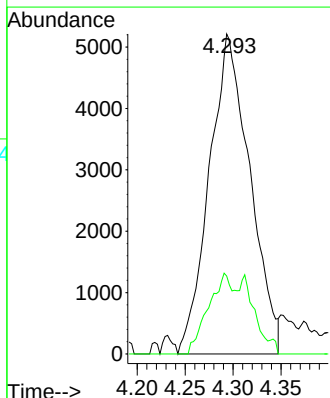
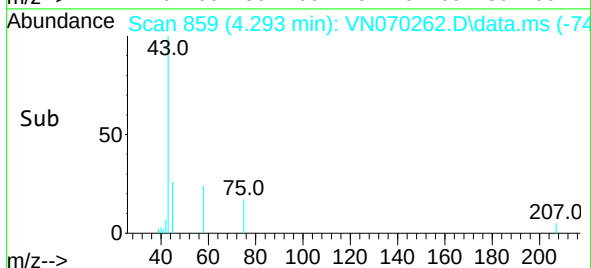
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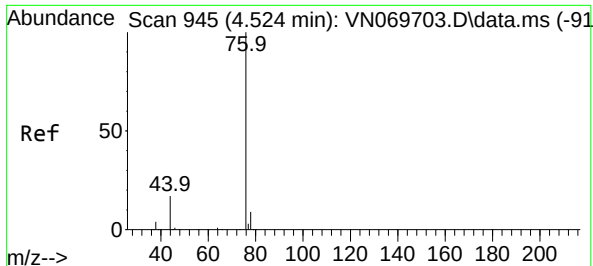


#16  
Acetone  
Concen: 2.184 ug/l  
RT: 4.293 min Scan# 859  
Delta R.T. 0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55



Tgt Ion: 43 Resp: 15359  
Ion Ratio Lower Upper  
43 100  
58 24.4 23.1 34.7





#17

Carbon Disulfide

Concen: 0.855 ug/l

RT: 4.532 min Scan# 945

Delta R.T. 0.008 min

Lab File: VN070262.D

Acq: 21 Dec 2021 12:55

Instrument :

MSVOA\_N

ClientSampleId :

EXCAVATION-INFLUENTDL

Tgt Ion: 76 Resp: 1593

Ion Ratio Lower Upper

76 100

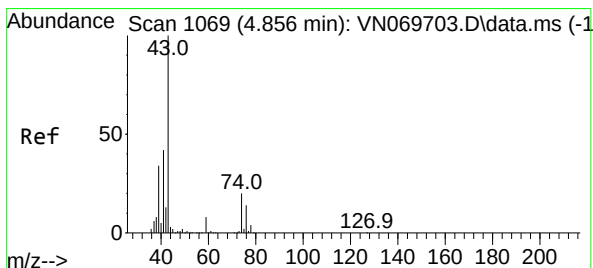
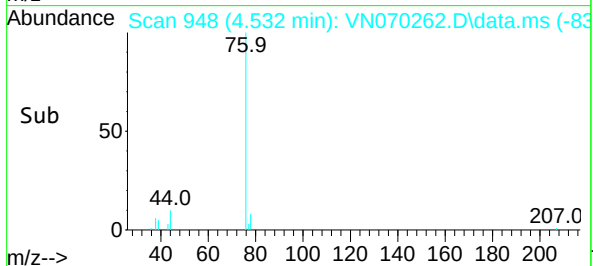
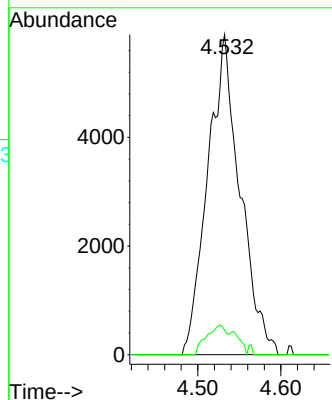
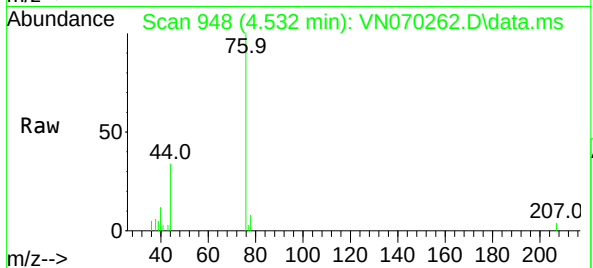
78 7.7 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2021

Supervised By :Semsettin Yesilyurt 12/23/2021



#18

Methyl Acetate

Concen: 0.570 ug/l

RT: 4.865 min Scan# 1072

Delta R.T. 0.008 min

Lab File: VN070262.D

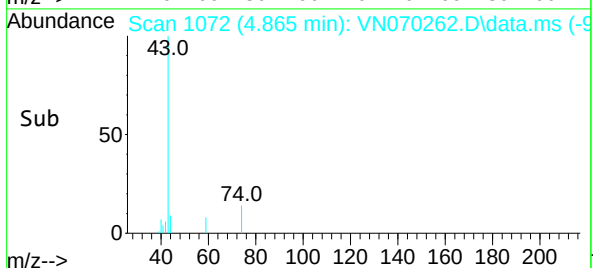
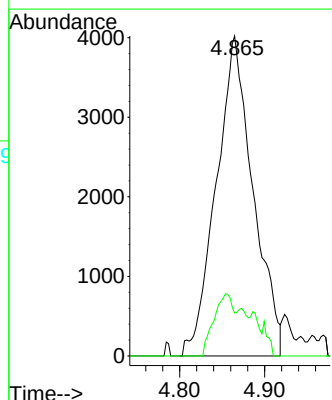
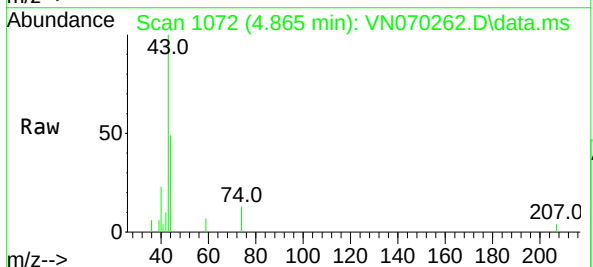
Acq: 21 Dec 2021 12:55

Tgt Ion: 43 Resp: 12100

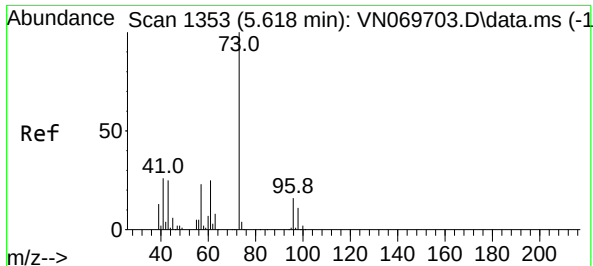
Ion Ratio Lower Upper

43 100

74 10.2 19.4 29.2#







#19

Methyl tert-butyl Ether

Concen: 0.758 ug/l

RT: 5.618 min Scan# 1159

Delta R.T. 0.000 min

Lab File: VN070262.D

Acq: 21 Dec 2021 12:55

Instrument :

MSVOA\_N

ClientSampleId :

EXCAVATION-INFLUENTDL

Tgt Ion: 73 Resp: 2126

Ion Ratio Lower Upper

73 100

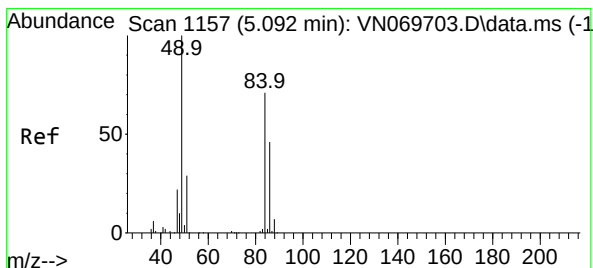
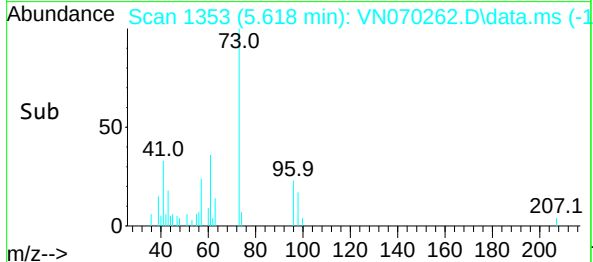
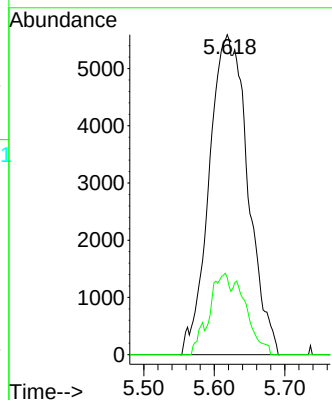
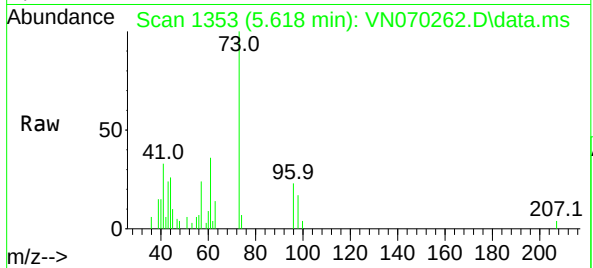
57 24.1 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2021

Supervised By :Semsettin Yesilyurt 12/23/2021



#20

Methylene Chloride

Concen: 1.378 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.006 min

Lab File: VN070262.D

Acq: 21 Dec 2021 12:55

Tgt Ion: 84 Resp: 12884

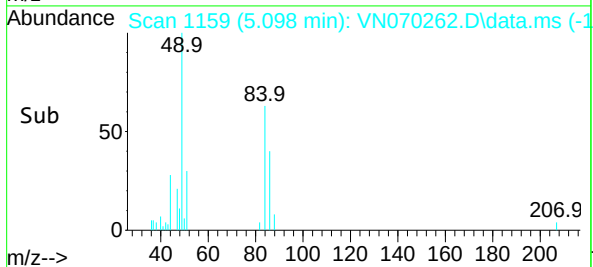
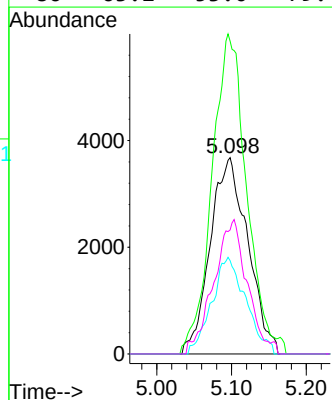
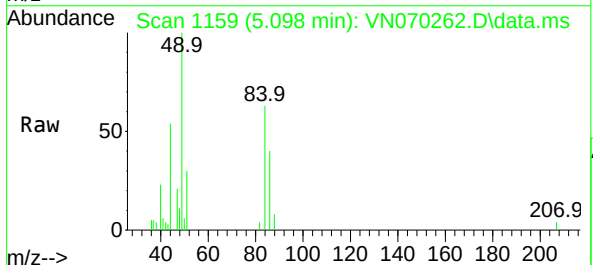
Ion Ratio Lower Upper

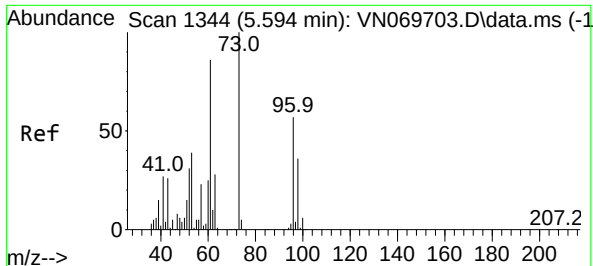
84 100

49 159.3 93.5 140.3#

51 47.5 29.4 44.2#

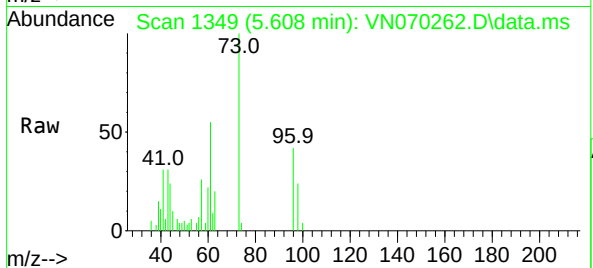
86 63.2 53.0 79.4





#21  
trans-1,2-Dichloroethene  
Concen: 0.870 ug/l m  
RT: 5.608 min Scan# 1  
Delta R.T. 0.014 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

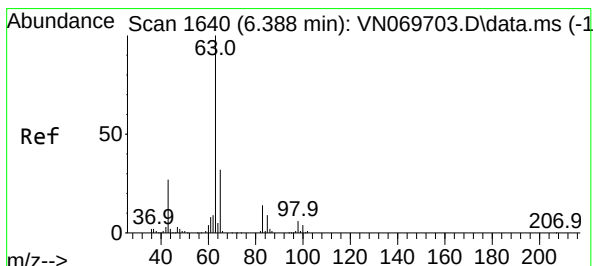
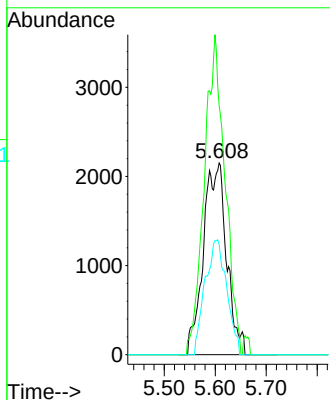
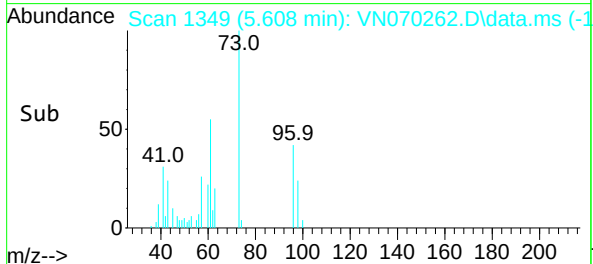
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



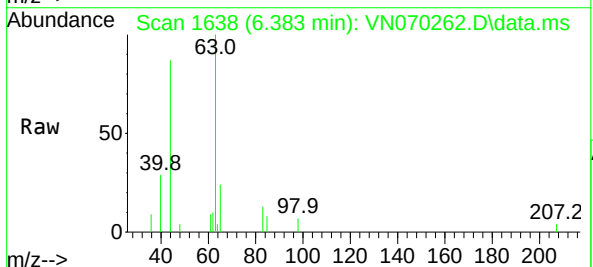
Tgt Ion: 96 Resp: 681  
Ion Ratio Lower Upper  
96 100  
61 130.0 105.8 158.6  
98 57.6 52.0 78.0

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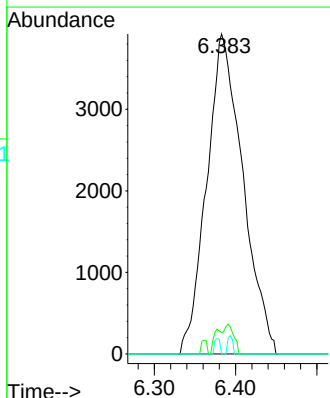
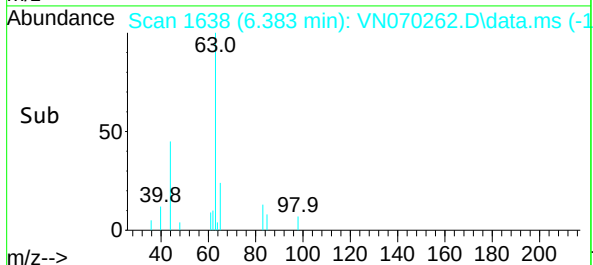
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021

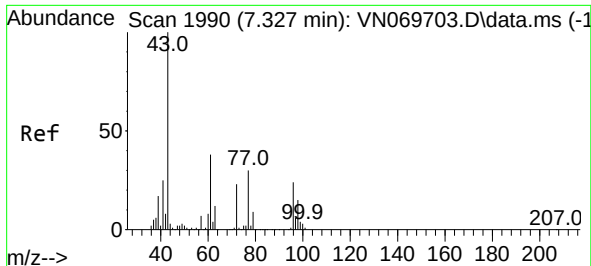


#24  
1,1-Dichloroethane  
Concen: 0.736 ug/l  
RT: 6.383 min Scan# 1638  
Delta R.T. -0.005 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55



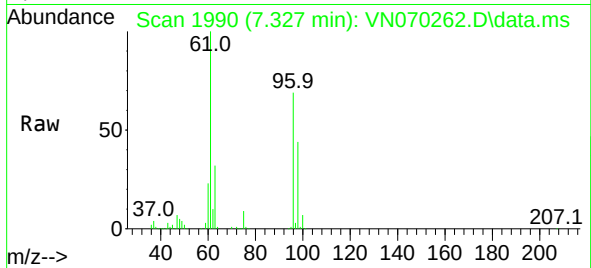
Tgt Ion: 63 Resp: 12113  
Ion Ratio Lower Upper  
63 100  
98 6.6 3.3 9.9  
100 0.0 2.1 6.5#





#27  
 cis-1,2-Dichloroethene  
 Concen: 25.262 ug/l  
 RT: 7.327 min Scan# 1990  
 Delta R.T. 0.000 min  
 Lab File: VN070262.D  
 Acq: 21 Dec 2021 12:55

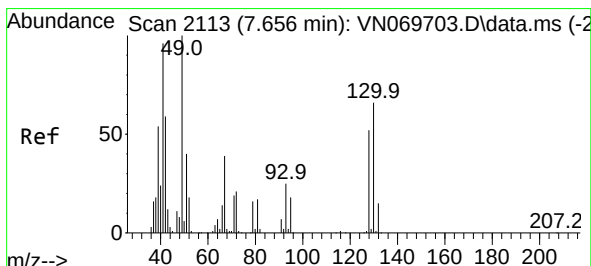
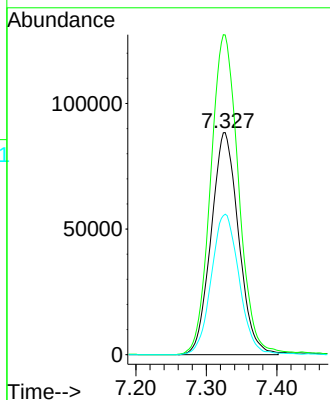
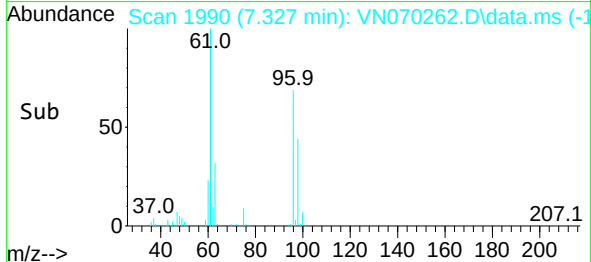
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EXCAVATION-INFLUENTDL



Tgt Ion: 96 Resp: 239109  
 Ion Ratio Lower Upper  
 96 100  
 61 146.8 0.0 275.0  
 98 64.4 0.0 129.6

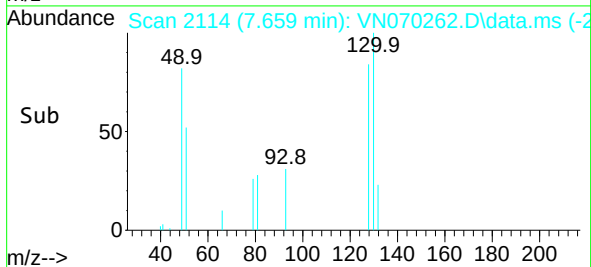
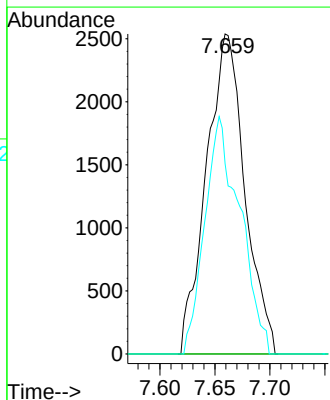
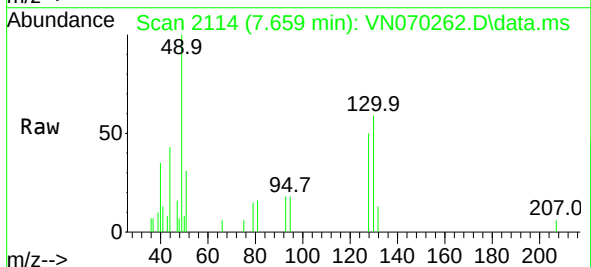
Manual Integrations  
 APPROVED

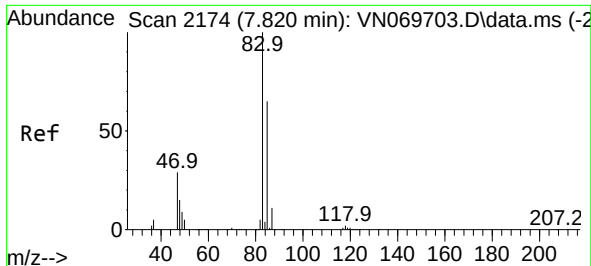
Reviewed By :John Carlone 12/22/2021  
 Supervised By :Semsettin Yesilyurt 12/23/2021



#28  
 Bromochloromethane  
 Concen: 0.723 ug/l  
 RT: 7.659 min Scan# 2114  
 Delta R.T. 0.003 min  
 Lab File: VN070262.D  
 Acq: 21 Dec 2021 12:55

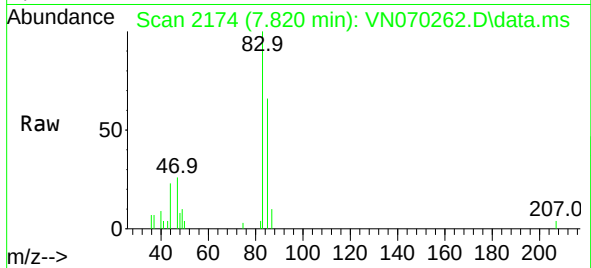
Tgt Ion: 49 Resp: 6183  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 4.0  
 130 67.8 67.8 101.8#





#30  
Chloroform  
Concen: 0.731 ug/l  
RT: 7.820 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

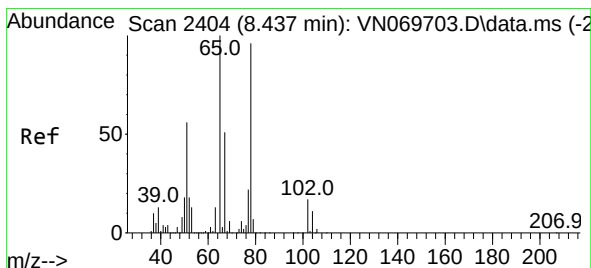
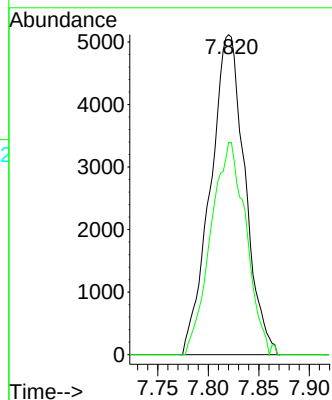
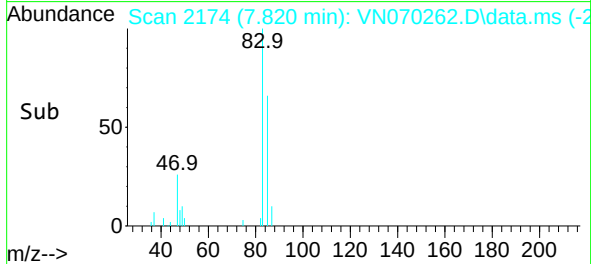
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



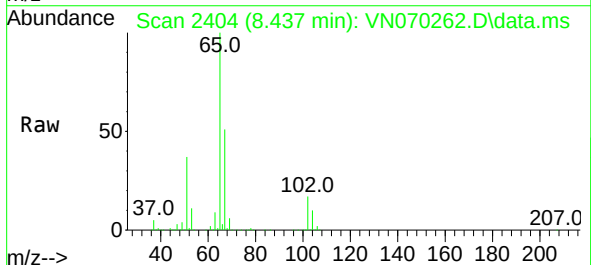
Tgt Ion: 83 Resp: 12149  
Ion Ratio Lower Upper  
83 100  
85 66.4 51.9 77.9

Manual Integrations  
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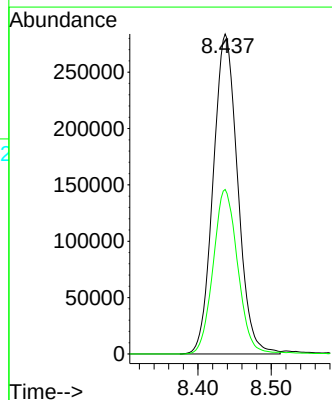
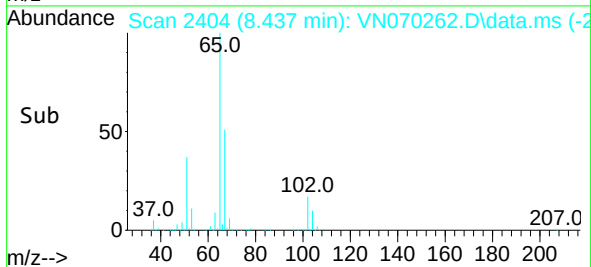
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021

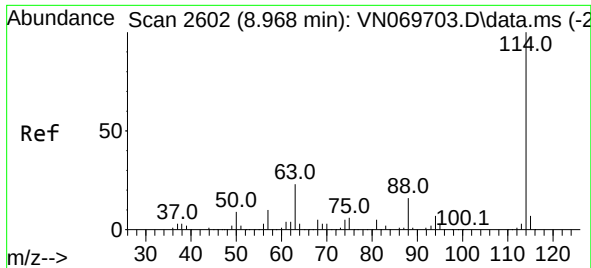


#33  
1,2-Dichloroethane-d4  
Concen: 56.473 ug/l  
RT: 8.437 min Scan# 2404  
Delta R.T. 0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55



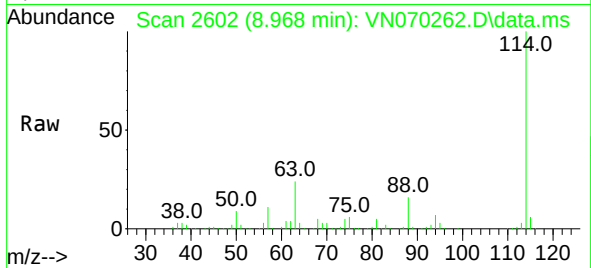
Tgt Ion: 65 Resp: 660260  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 103.0





#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. 0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

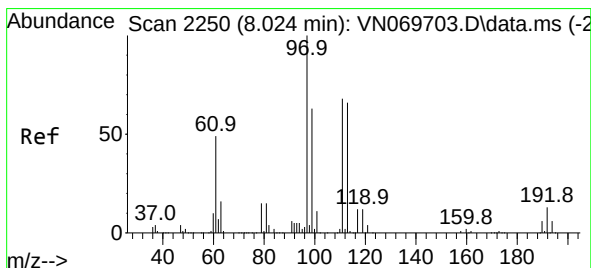
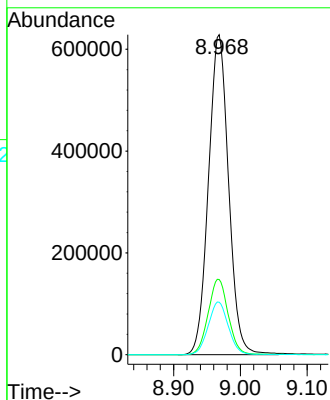
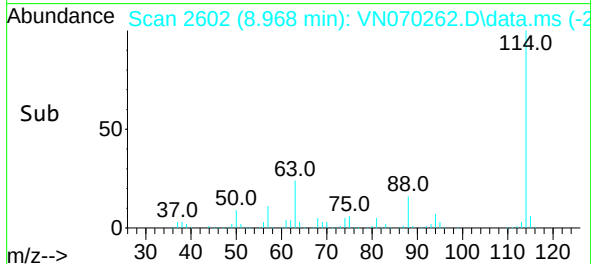
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



Tgt Ion:114 Resp: 131555  
Ion Ratio Lower Upper  
114 100  
63 23.5 0.0 37.8  
88 16.4 0.0 27.4

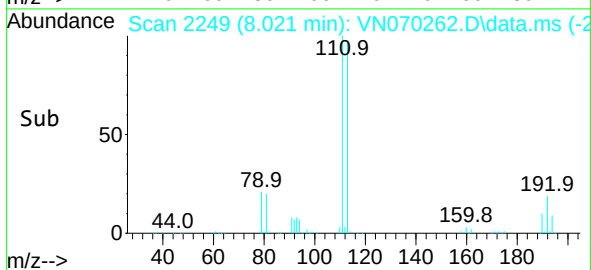
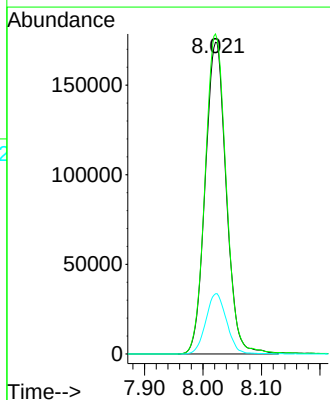
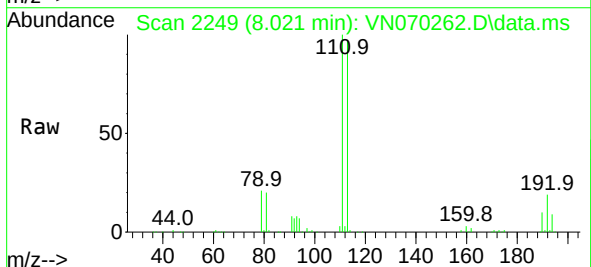
Manual Integrations  
APPROVED

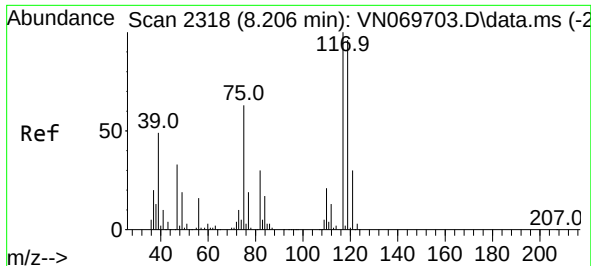
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021



#35  
Dibromofluoromethane  
Concen: 52.737 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. -0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

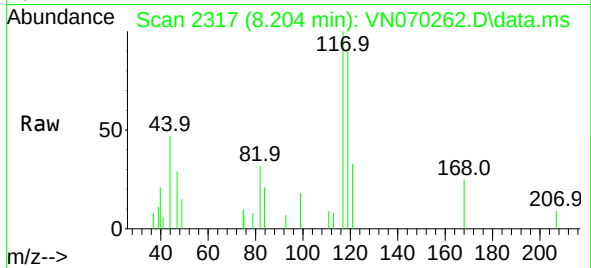
Tgt Ion:113 Resp: 434569  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.2 123.2  
192 19.1 16.9 25.3





#38  
Carbon Tetrachloride  
Concen: 0.591 ug/l  
RT: 8.204 min Scan# 211  
Delta R.T. -0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

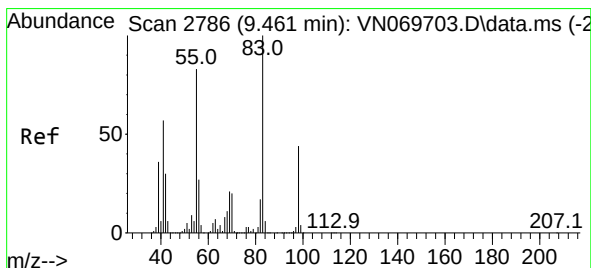
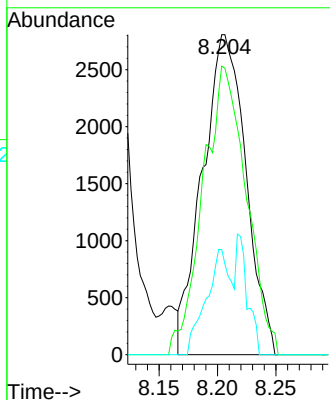
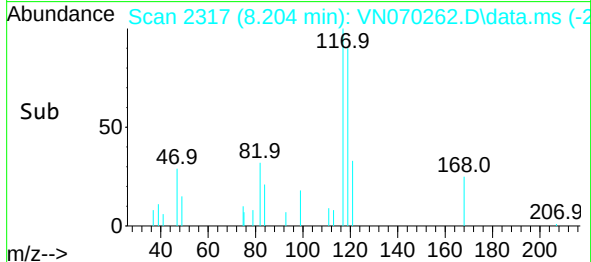
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



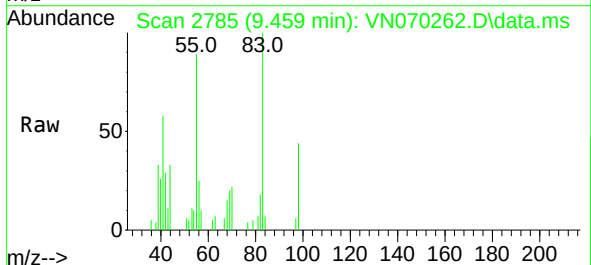
Tgt Ion: 117 Resp: 7250  
Ion Ratio Lower Upper  
117 100  
119 90.1 76.1 114.1  
121 32.8 24.2 36.2

Manual Integrations  
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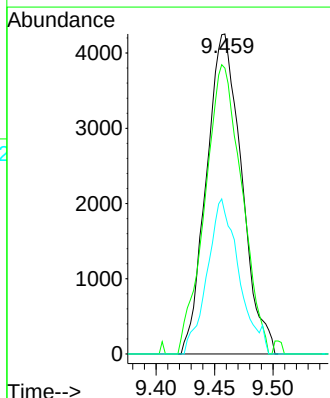
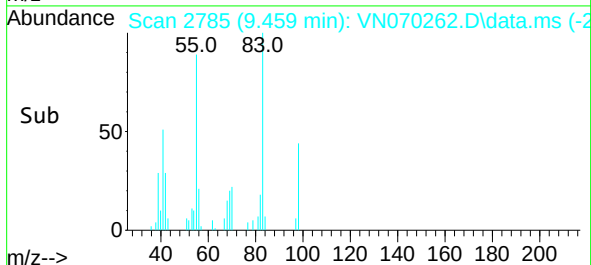
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021

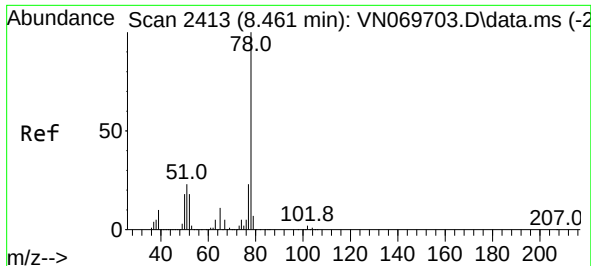


#39  
Methylcyclohexane  
Concen: 0.598 ug/l  
RT: 9.459 min Scan# 2785  
Delta R.T. -0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55



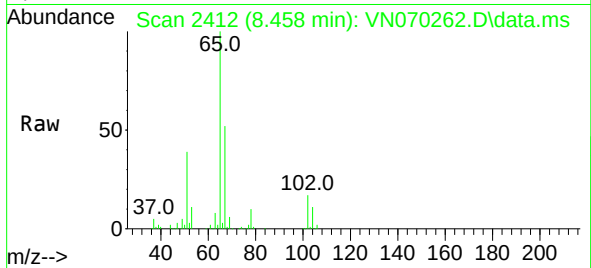
Tgt Ion: 83 Resp: 8905  
Ion Ratio Lower Upper  
83 100  
55 89.3 58.1 87.1#  
98 44.0 38.4 57.6





#40  
Benzene  
Concen: 0.684 ug/l  
RT: 8.458 min Scan# 2412  
Delta R.T. -0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

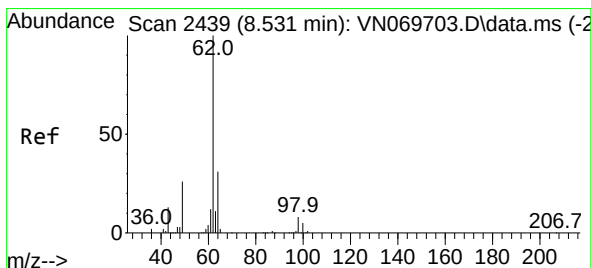
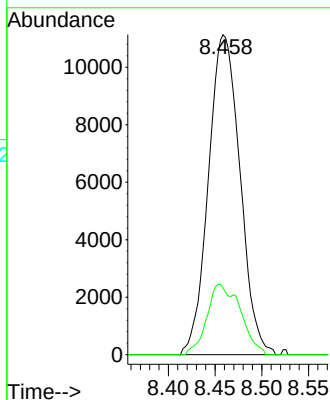
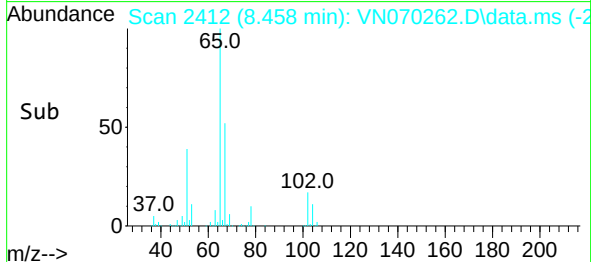
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



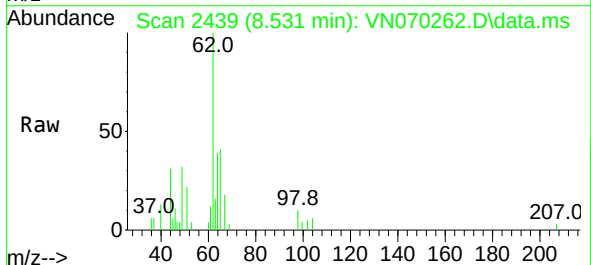
Tgt Ion: 78 Resp: 2618  
Ion Ratio Lower Upper  
78 100  
77 21.0 18.6 27.8

Manual Integrations  
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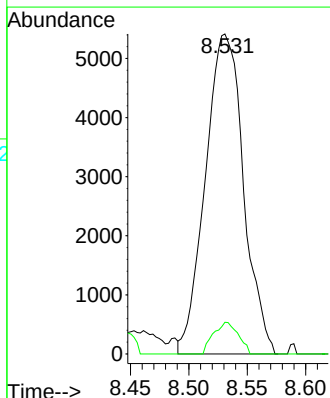
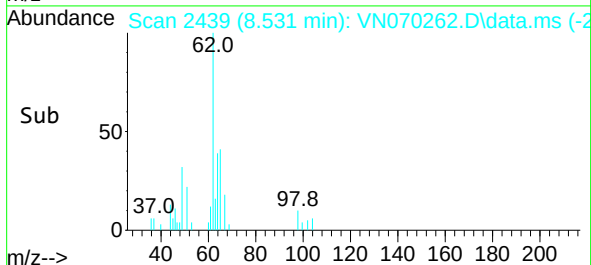
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021

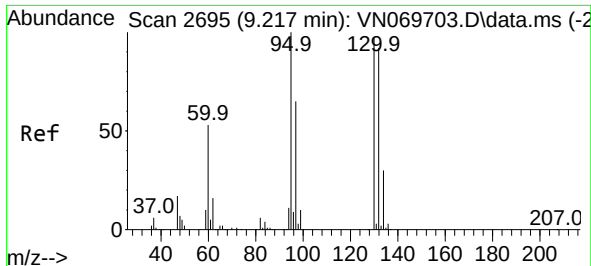


#42  
1,2-Dichloroethane  
Concen: 0.796 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. 0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55



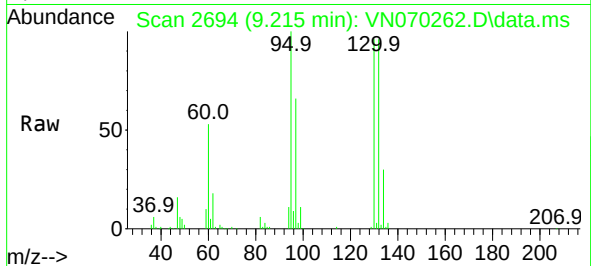
Tgt Ion: 62 Resp: 12299  
Ion Ratio Lower Upper  
62 100  
98 6.4 0.0 17.6





#44  
Trichloroethene  
Concen: 19.340 ug/l  
RT: 9.215 min Scan# 2069  
Delta R.T. -0.002 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

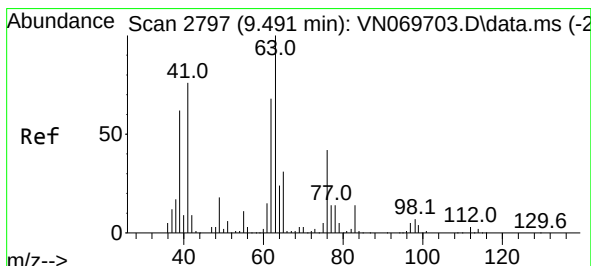
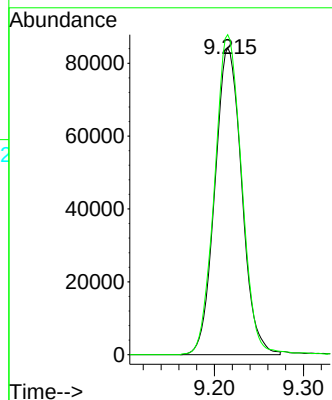
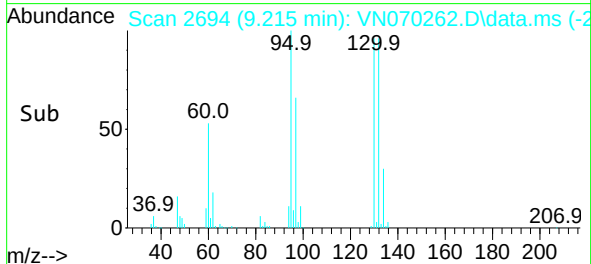
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



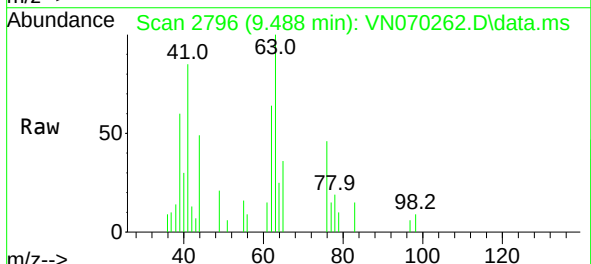
Tgt Ion:130 Resp: 176700  
Ion Ratio Lower Upper  
130 100  
95 104.4 0.0 191.2

Manual Integrations  
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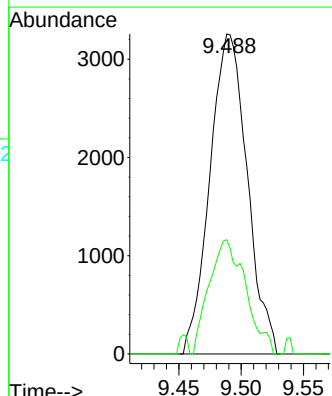
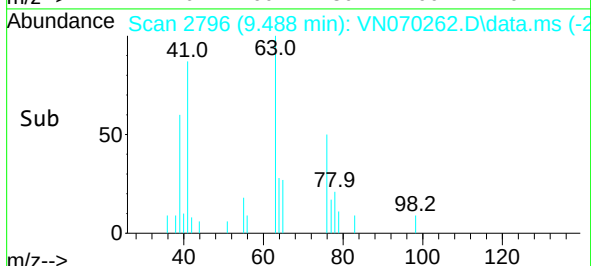
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021



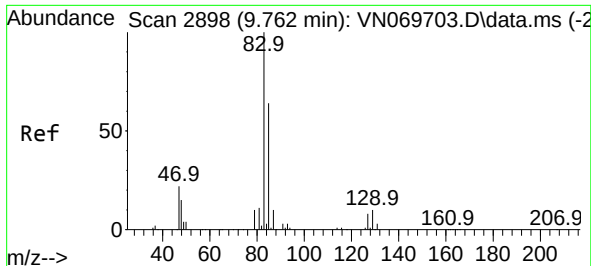
#45  
1,2-Dichloropropane  
Concen: 0.658 ug/l  
RT: 9.488 min Scan# 2796  
Delta R.T. -0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55



Tgt Ion: 63 Resp: 6769  
Ion Ratio Lower Upper  
63 100  
65 35.7 24.7 37.1

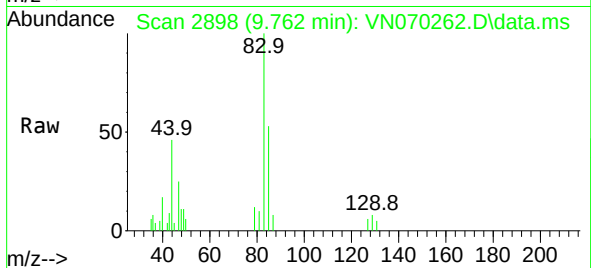






#47  
Bromodichloromethane  
Concen: 0.610 ug/l  
RT: 9.762 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

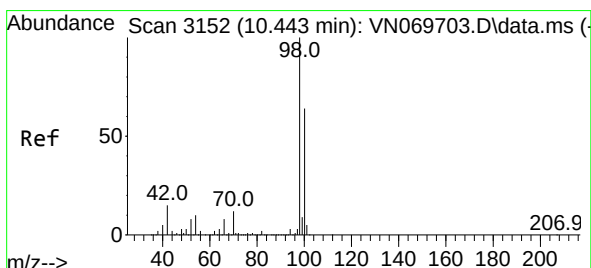
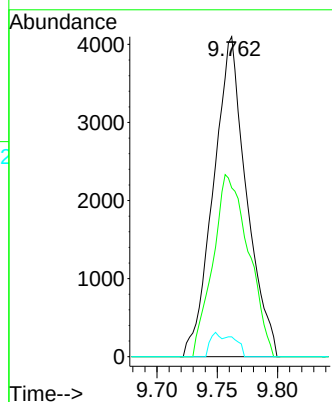
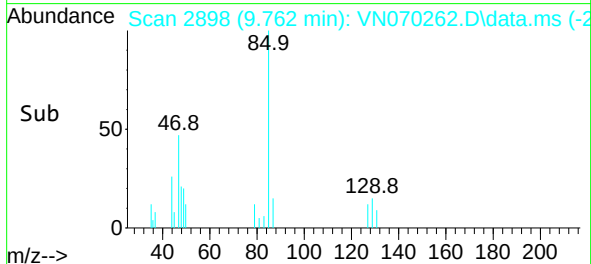
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



Tgt Ion: 83 Resp: 7789  
Ion Ratio Lower Upper  
83 100  
85 52.8 50.9 76.3  
127 6.2 7.1 10.7

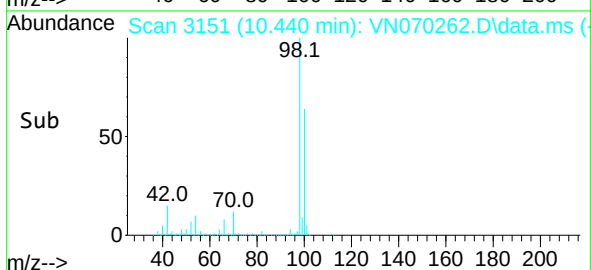
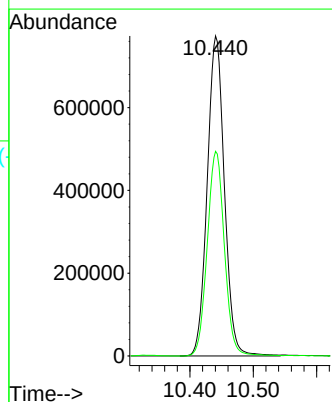
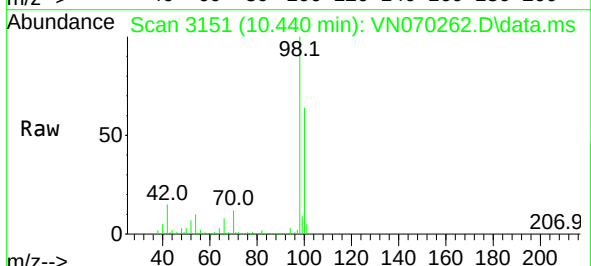
Manual Integrations  
APPROVED

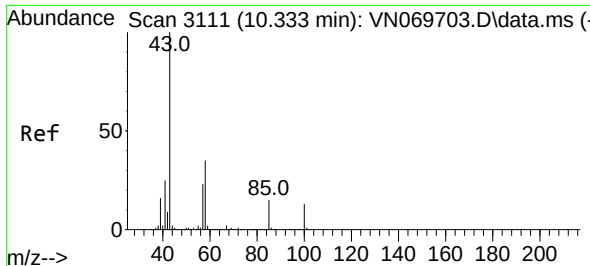
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021



#50  
Toluene-d8  
Concen: 44.000 ug/l  
RT: 10.440 min Scan# 3151  
Delta R.T. -0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

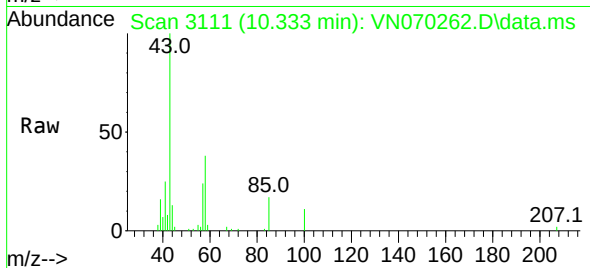
Tgt Ion: 98 Resp: 1455871  
Ion Ratio Lower Upper  
98 100  
100 64.0 50.4 75.6





#51  
4-Methyl-2-Pentanone  
Concen: 1.793 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

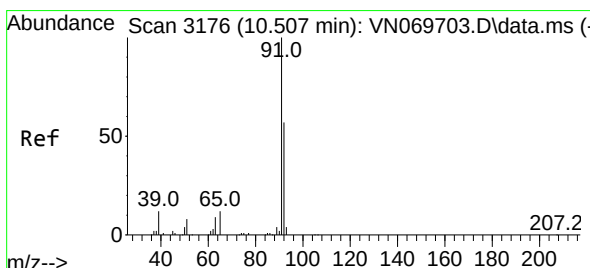
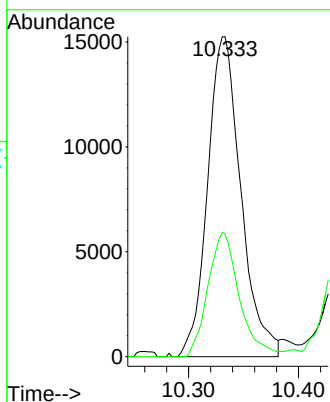
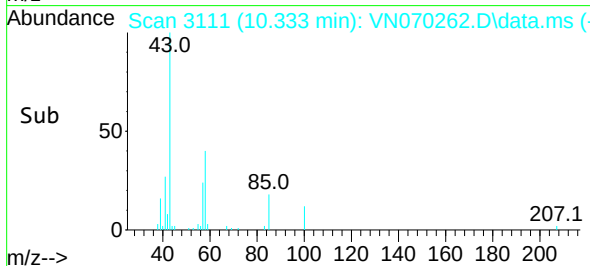
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



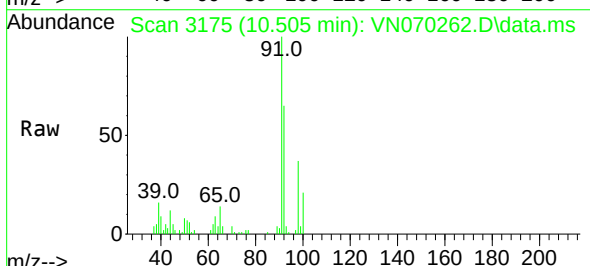
Tgt Ion: 43 Resp: 3208  
Ion Ratio Lower Upper  
43 100  
58 36.5 30.4 45.6

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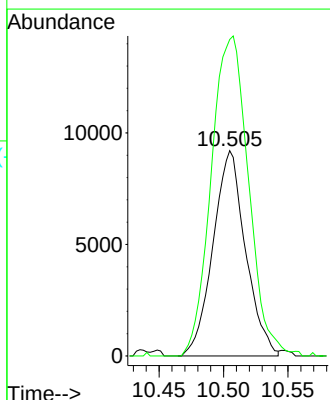
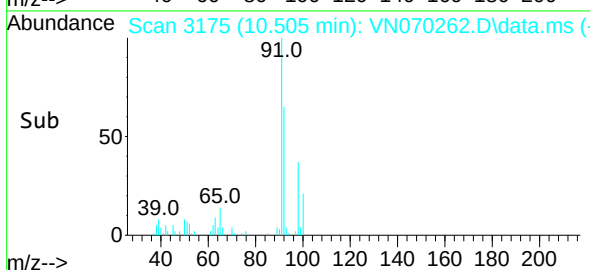
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021

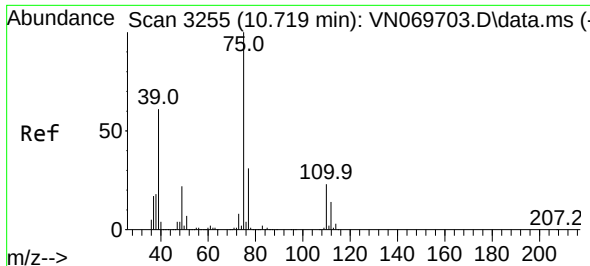


#52  
Toluene  
Concen: 0.693 ug/l  
RT: 10.505 min Scan# 3175  
Delta R.T. -0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55



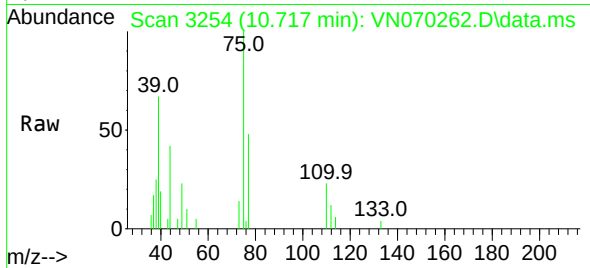
Tgt Ion: 92 Resp: 16199  
Ion Ratio Lower Upper  
92 100  
91 178.3 142.0 213.0





#53  
t-1,3-Dichloropropene  
Concen: 3.264 ug/l  
RT: 10.717 min Scan# 31  
Delta R.T. -0.002 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

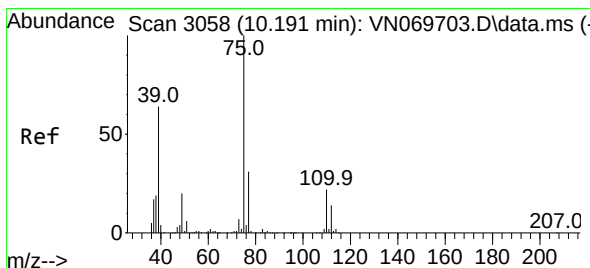
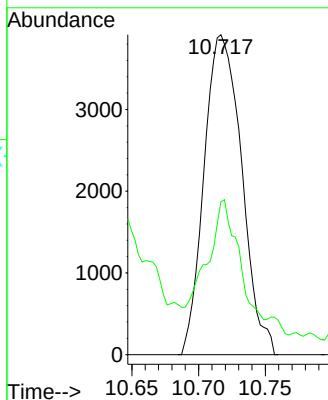
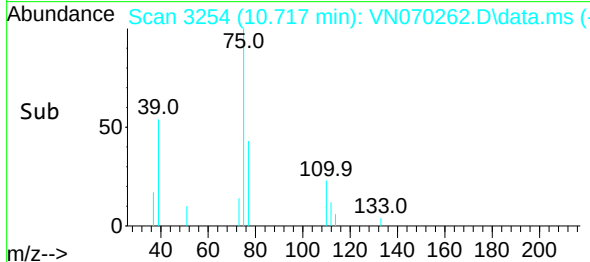
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



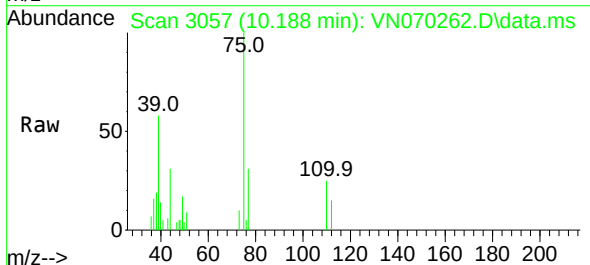
Tgt Ion: 75 Resp: 7649  
Ion Ratio Lower Upper  
75 100  
77 37.0 25.6 38.4

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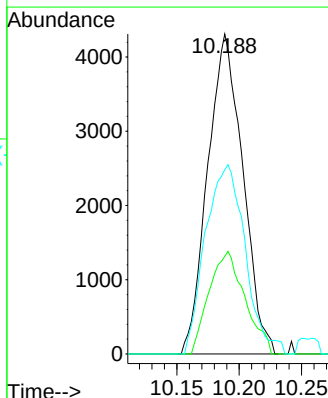
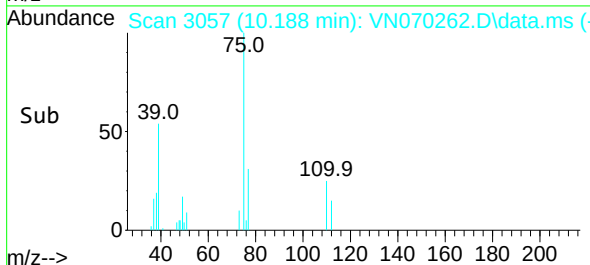
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021

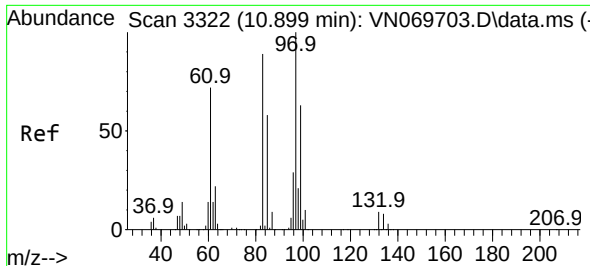


#54  
cis-1,3-Dichloropropene  
Concen: 2.502 ug/l  
RT: 10.188 min Scan# 3057  
Delta R.T. -0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55



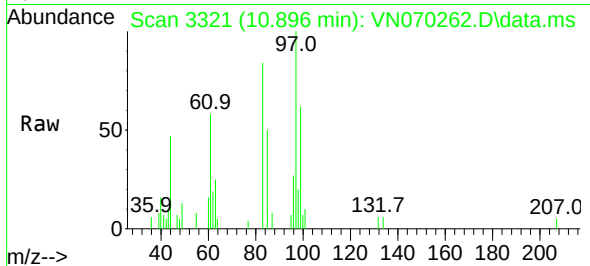
Tgt Ion: 75 Resp: 8449  
Ion Ratio Lower Upper  
75 100  
77 30.5 26.4 39.6  
39 57.6 42.5 63.7





#55  
1,1,2-Trichloroethane  
Concen: 0.715 ug/l  
RT: 10.896 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL

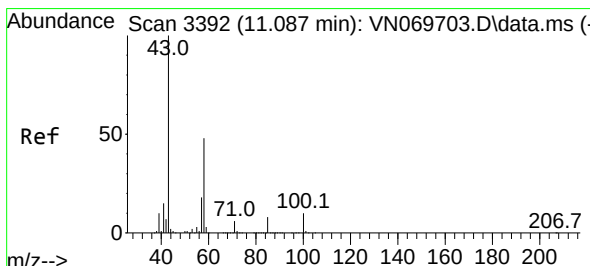
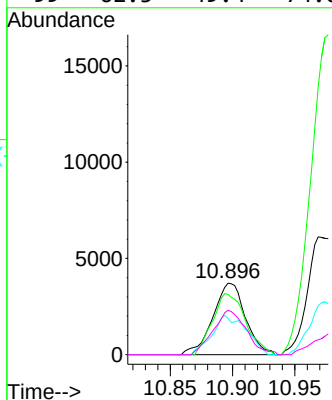
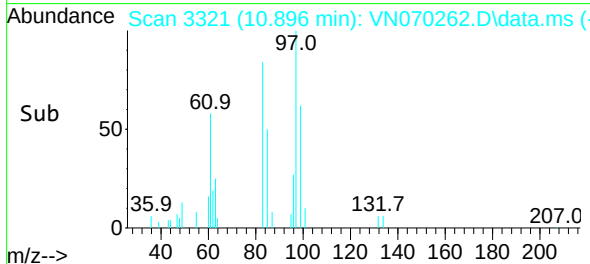


Tgt Ion: 97 Resp: 6740

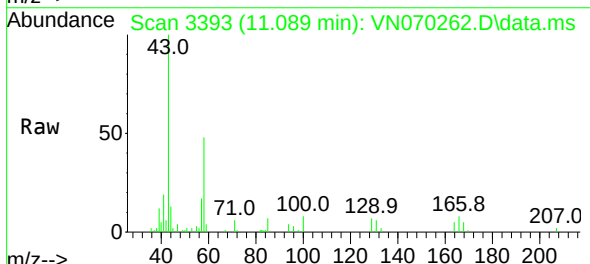
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.2  | 67.8  | 101.6 |
| 85  | 50.4  | 45.4  | 68.2  |
| 99  | 62.3  | 49.4  | 74.0  |

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Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021

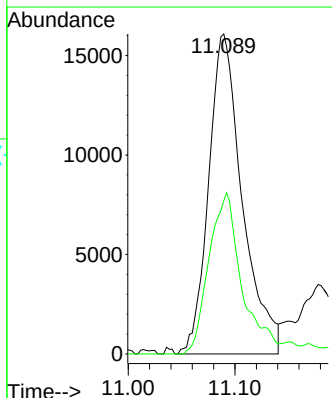
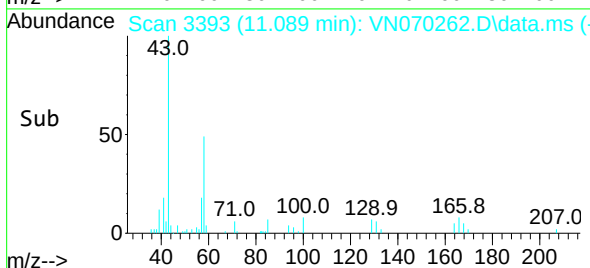


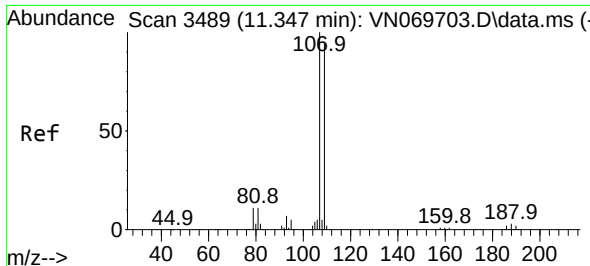
#59  
2-Hexanone  
Concen: 2.605 ug/l  
RT: 11.089 min Scan# 3393  
Delta R.T. 0.002 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55



Tgt Ion: 43 Resp: 35269

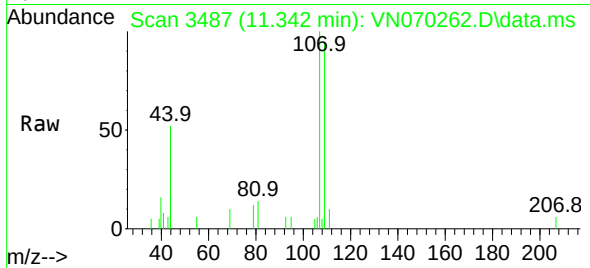
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 49.1  | 26.9  | 80.7  |





#61  
1,2-Dibromoethane  
Concen: 0.630 ug/l  
RT: 11.342 min Scan# 3487  
Delta R.T. -0.005 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

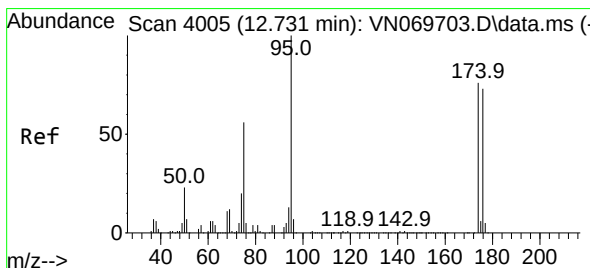
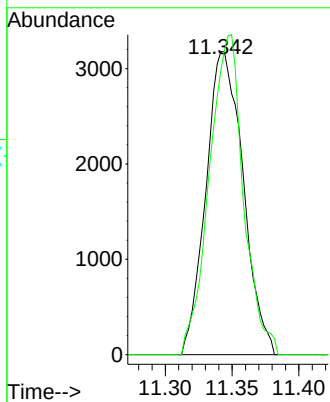
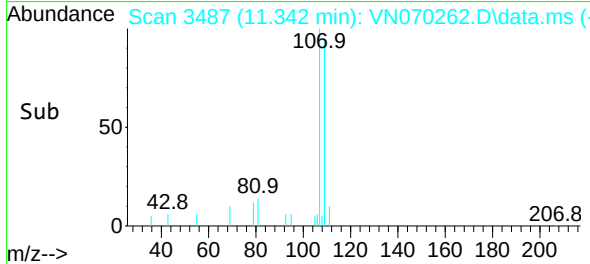
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



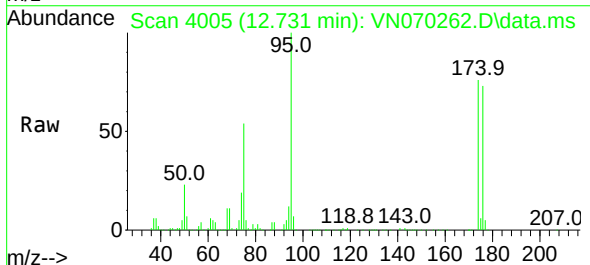
Tgt Ion:107 Resp: 6152  
Ion Ratio Lower Upper  
107 100  
109 97.2 75.7 113.5

Manual Integrations  
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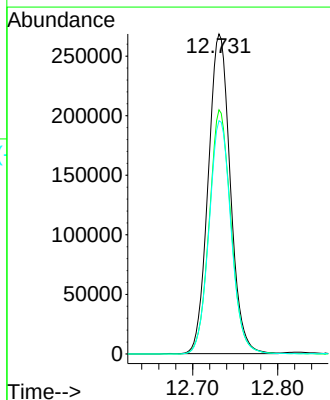
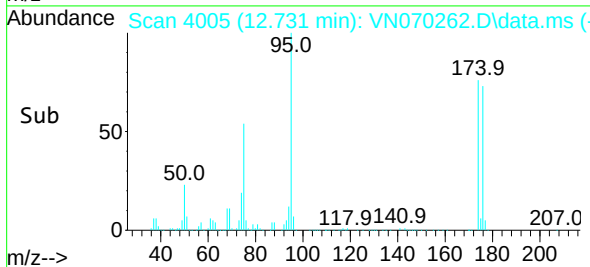
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021

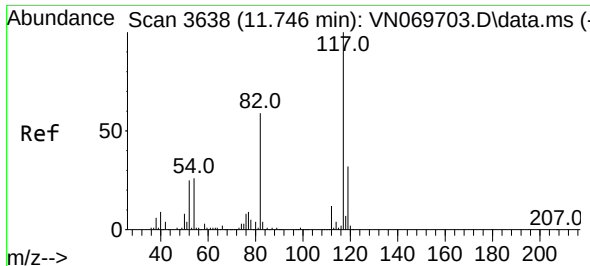


#62  
4-Bromofluorobenzene  
Concen: 40.391 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55



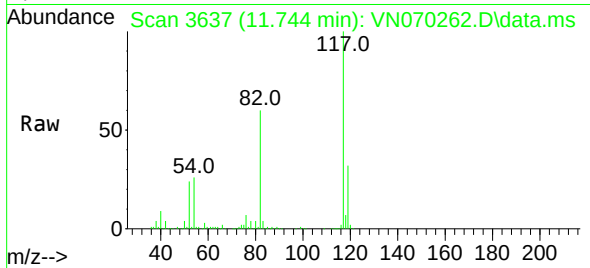
Tgt Ion: 95 Resp: 484163  
Ion Ratio Lower Upper  
95 100  
174 75.4 0.0 187.2  
176 73.2 0.0 181.4





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.744 min Scan# 3638  
Delta R.T. -0.002 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

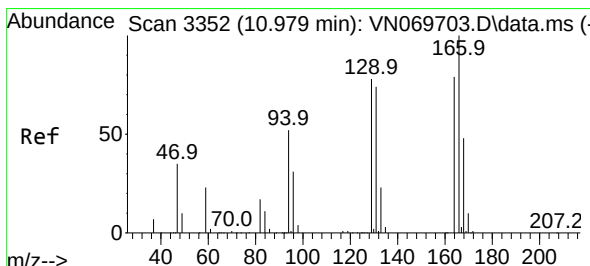
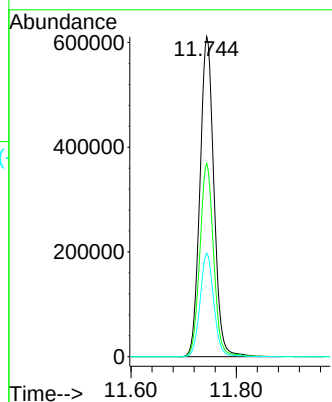
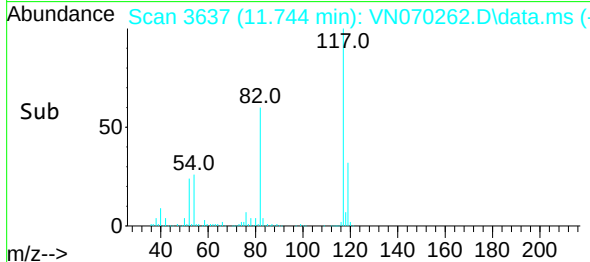
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



Tgt Ion:117 Resp: 1125500  
Ion Ratio Lower Upper  
117 100  
82 60.4 42.4 63.6  
119 32.3 25.4 38.2

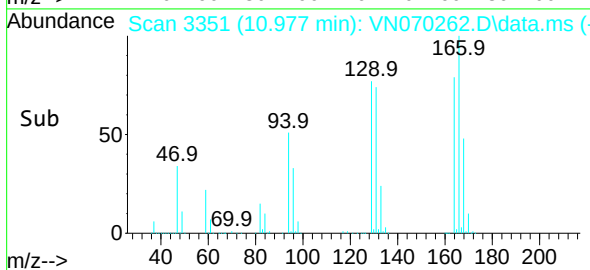
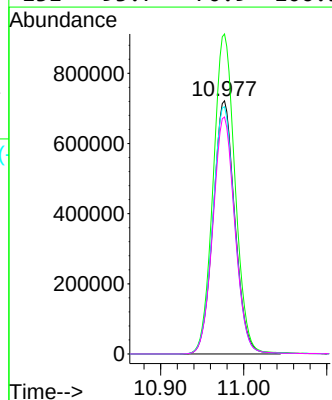
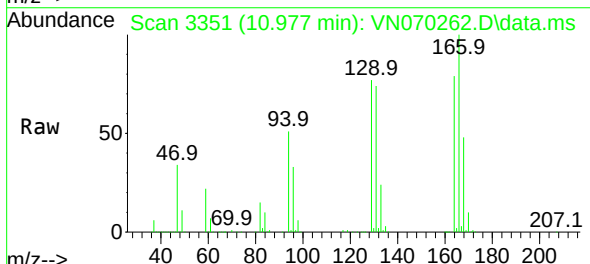
Manual Integrations  
APPROVED

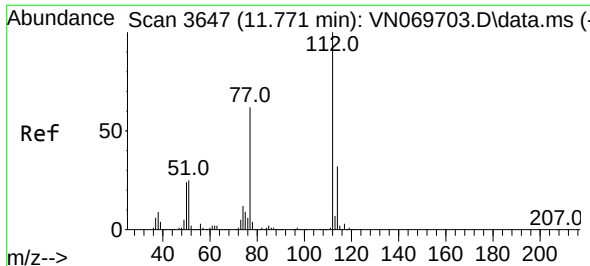
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021



#64  
Tetrachloroethene  
Concen: 171.714 ug/l  
RT: 10.977 min Scan# 3351  
Delta R.T. -0.002 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

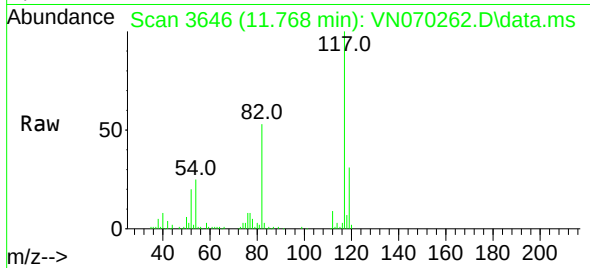
Tgt Ion:164 Resp: 1310463  
Ion Ratio Lower Upper  
164 100  
166 126.5 101.9 152.9  
129 97.7 72.0 108.0  
131 93.7 70.9 106.3





#65  
Chlorobenzene  
Concen: 0.702 ug/l  
RT: 11.768 min Scan# 3646  
Delta R.T. -0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

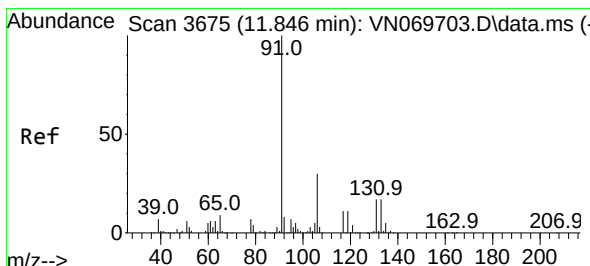
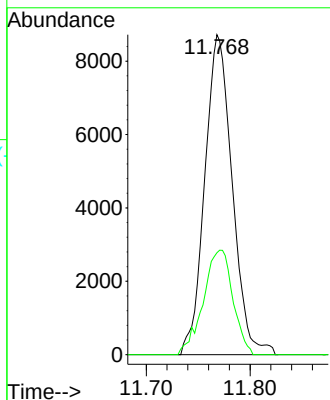
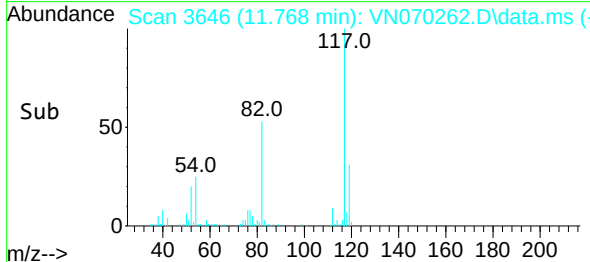
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



Tgt Ion: 112 Resp: 1603  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.4 38.0

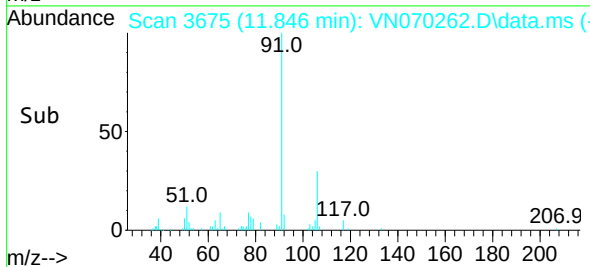
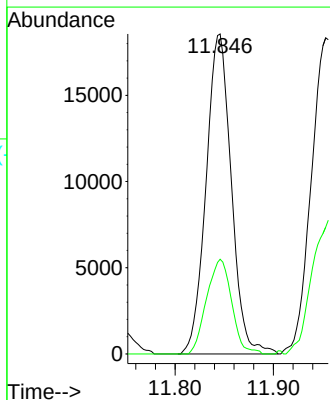
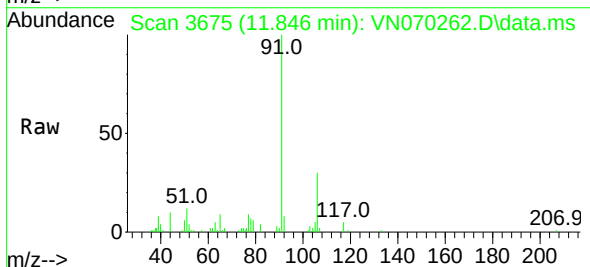
Manual Integrations  
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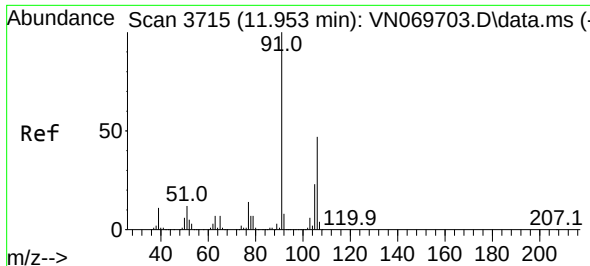
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021



#67  
Ethyl Benzene  
Concen: 0.797 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

Tgt Ion: 91 Resp: 33053  
Ion Ratio Lower Upper  
91 100  
106 29.6 25.7 38.5





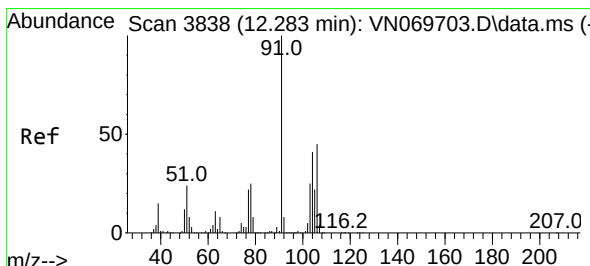
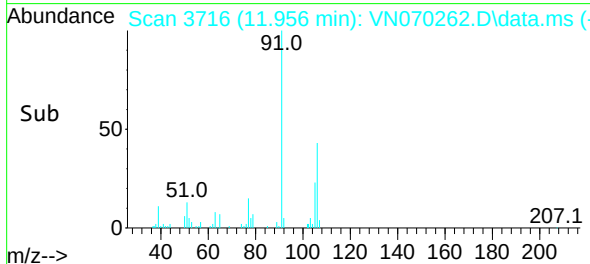
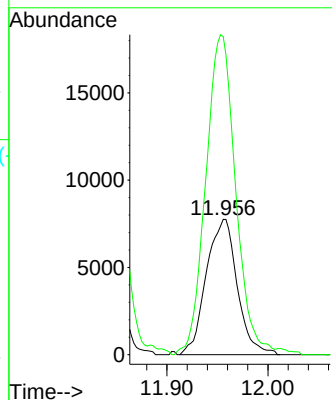
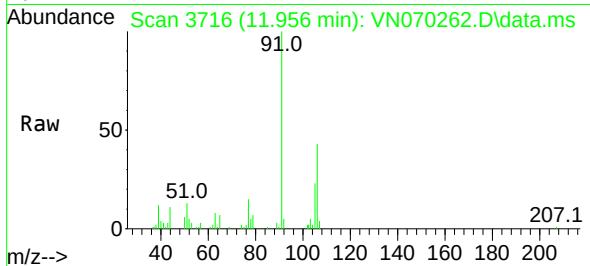
#68  
m/p-Xylenes  
Concen: 1.093 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL

Tgt Ion:106 Resp: 1651  
Ion Ratio Lower Upper  
106 100  
91 227.6 160.6 240.8

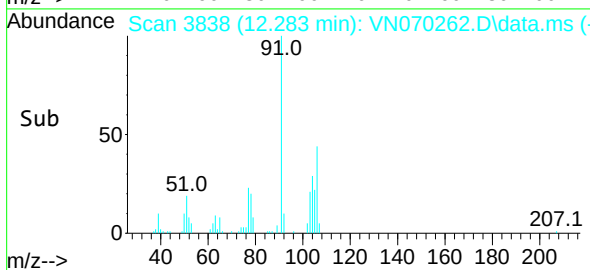
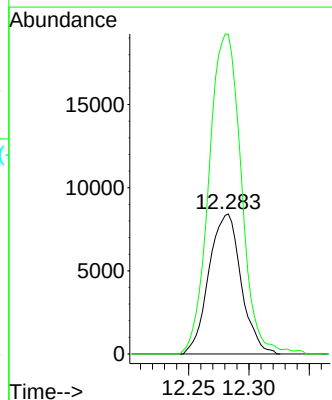
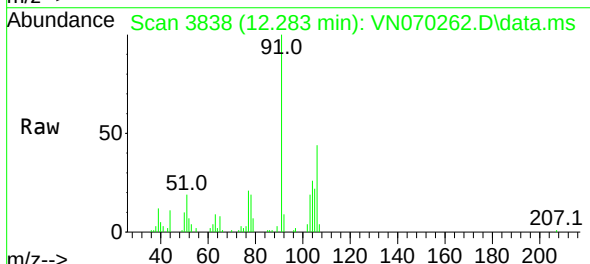
Manual Integrations  
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Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021

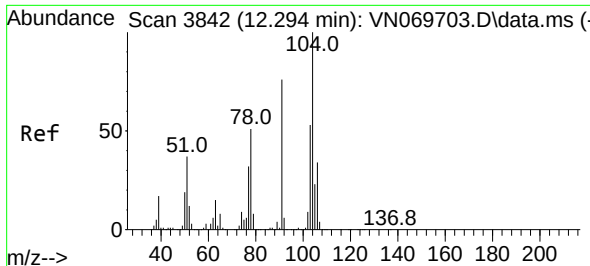


#69  
o-Xylene  
Concen: 1.027 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. 0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

Tgt Ion:106 Resp: 15623  
Ion Ratio Lower Upper  
106 100  
91 229.7 105.8 317.3

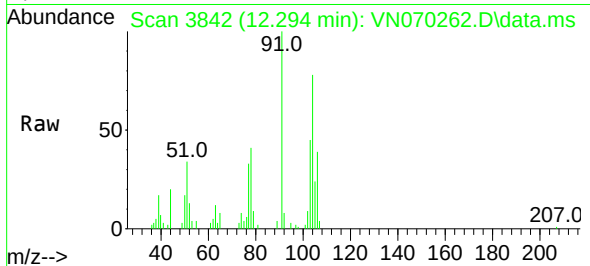






#70  
Styrene  
Concen: 0.641 ug/l m  
RT: 12.294 min Scan# 3842  
Delta R.T. -0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

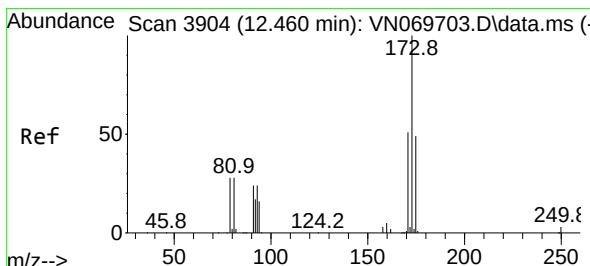
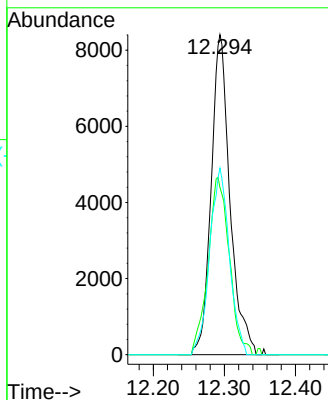
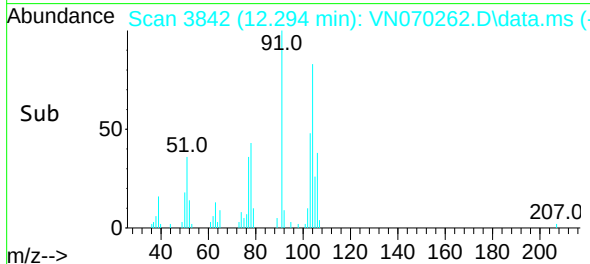
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



Tgt Ion:104 Resp: 15458  
Ion Ratio Lower Upper  
104 100  
78 0.0 38.7 58.1  
103 0.0 45.0 67.6

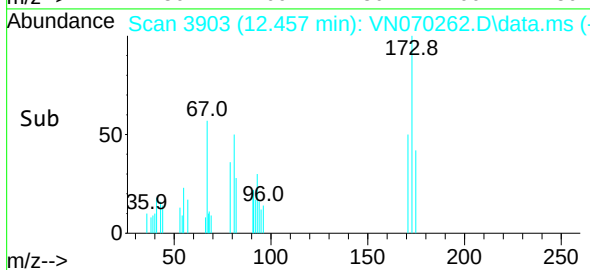
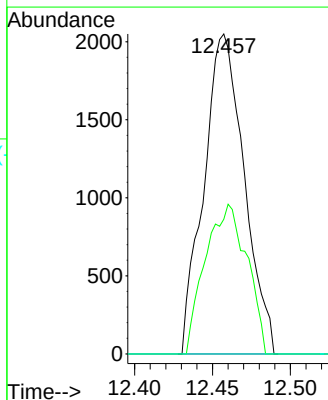
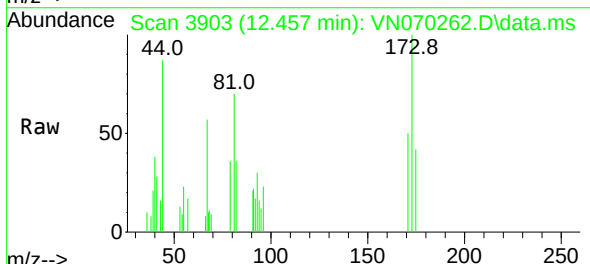
Manual Integrations  
APPROVED

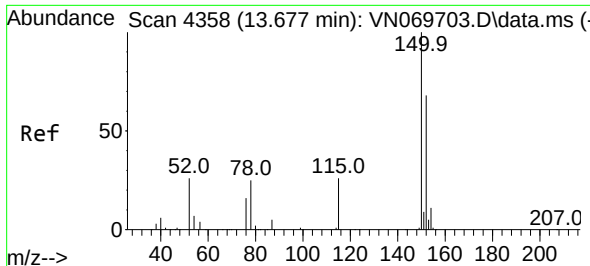
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021



#71  
Bromoform  
Concen: 3.239 ug/l  
RT: 12.457 min Scan# 3903  
Delta R.T. -0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

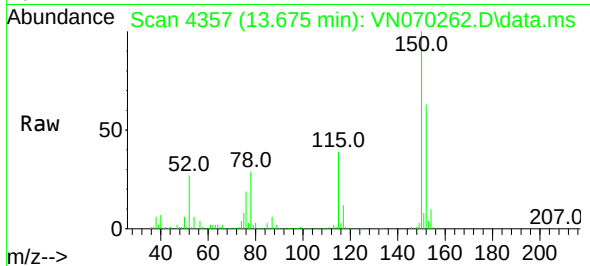
Tgt Ion:173 Resp: 3695  
Ion Ratio Lower Upper  
173 100  
175 48.3 24.2 72.6  
254 0.0 0.0 0.0





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4358  
Delta R.T. -0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

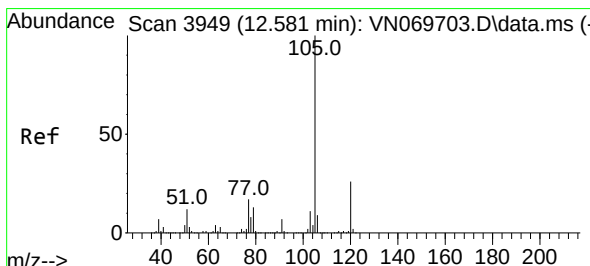
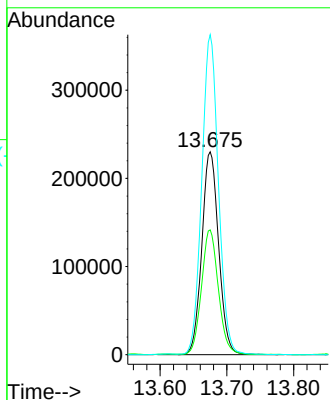
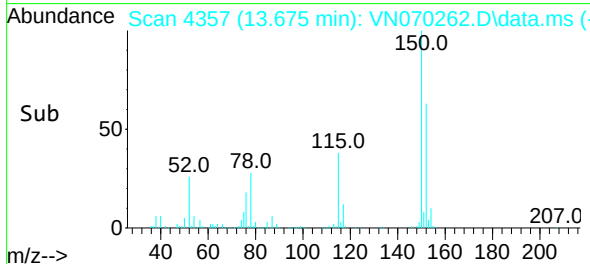
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



Tgt Ion:152 Resp: 40222  
Ion Ratio Lower Upper  
152 100  
115 61.3 27.5 82.5  
150 156.5 0.0 344.4

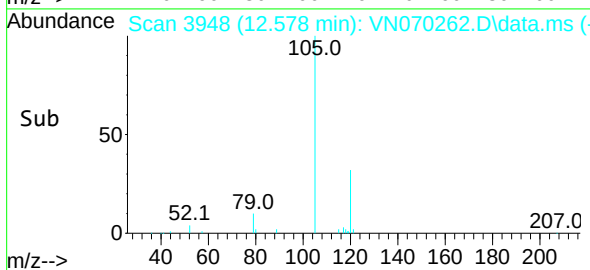
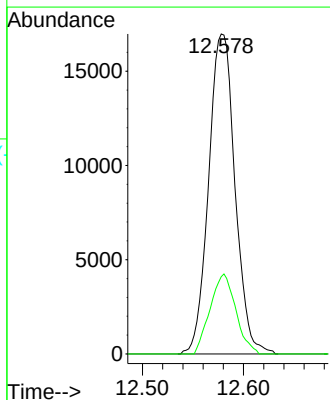
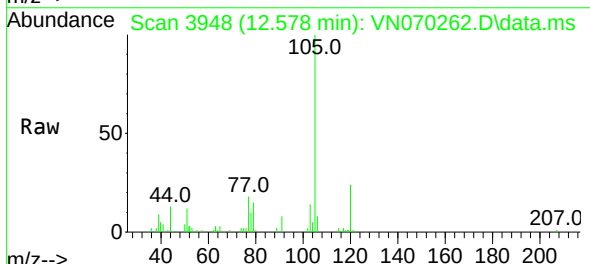
Manual Integrations  
APPROVED

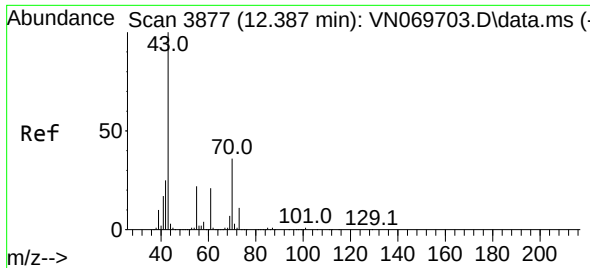
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021



#73  
Isopropylbenzene  
Concen: 0.861 ug/l  
RT: 12.578 min Scan# 3948  
Delta R.T. -0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

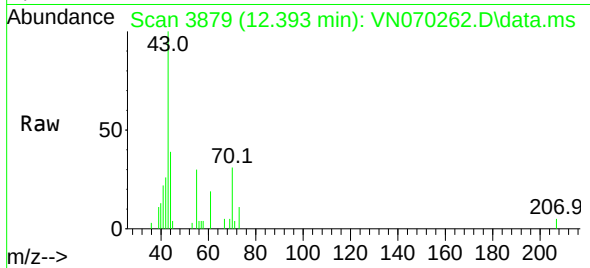
Tgt Ion:105 Resp: 30817  
Ion Ratio Lower Upper  
105 100  
120 24.3 13.4 40.1





#74  
N-amy1 acetate  
Concen: 0.767 ug/l  
RT: 12.393 min Scan# 3877  
Delta R.T. 0.005 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

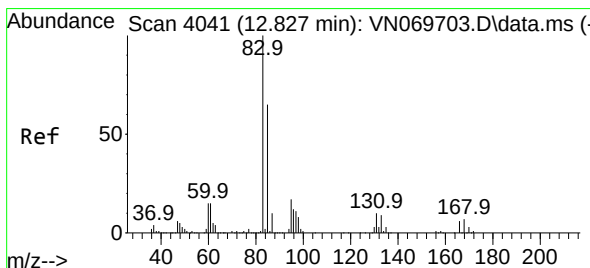
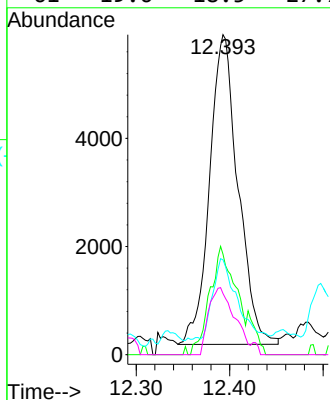
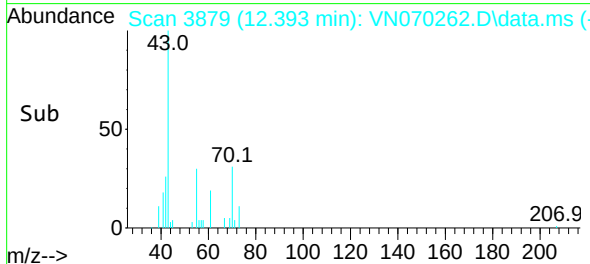
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 31.4  | 33.4  | 50.0  |
| 55      | 21.6  | 19.3  | 28.9  |
| 61      | 19.6  | 18.5  | 27.7  |

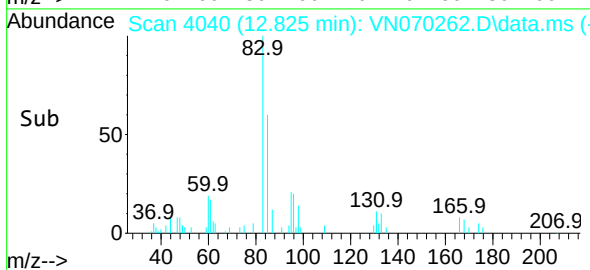
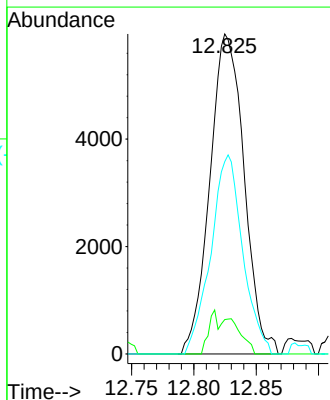
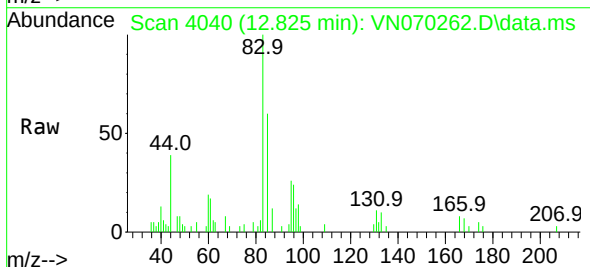
Manual Integrations  
APPROVED

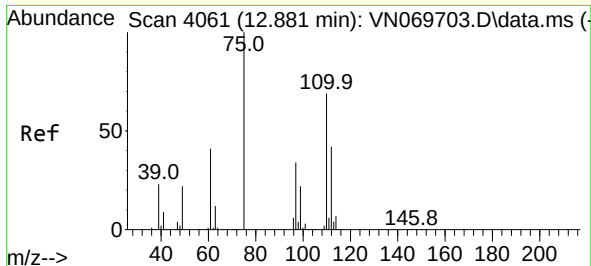
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021



#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.921 ug/l  
RT: 12.825 min Scan# 4040  
Delta R.T. -0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 131     | 5.6   | 5.5   | 16.5  |
| 85      | 57.9  | 32.4  | 97.2  |





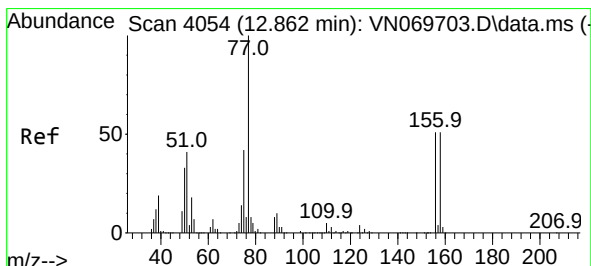
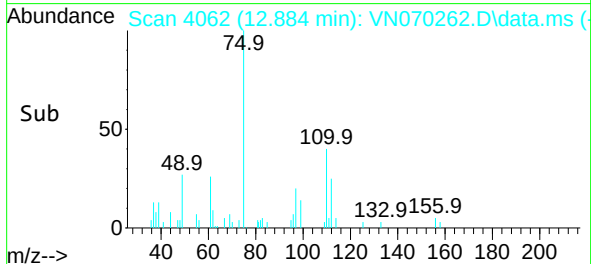
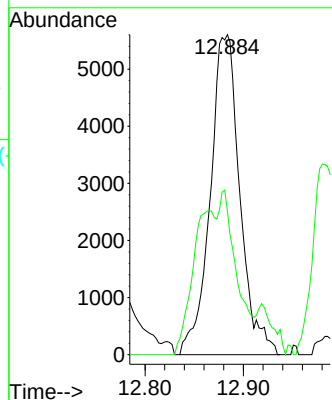
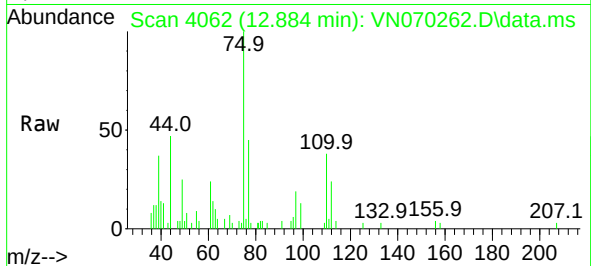
#76  
1,2,3-Trichloropropane  
Concen: 1.020 ug/l  
RT: 12.884 min Scan# 4061  
Delta R.T. 0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL

Tgt Ion: 75 Resp: 1176  
Ion Ratio Lower Upper  
75 100  
77 36.6 82.6 247.8

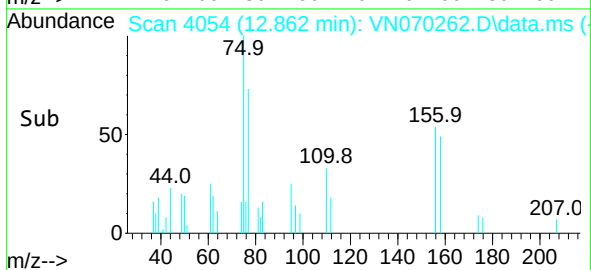
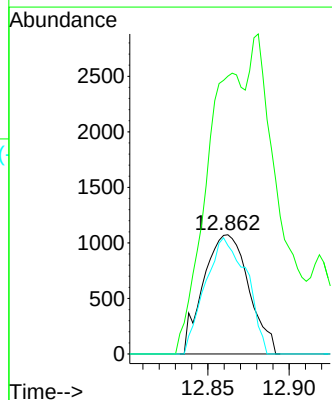
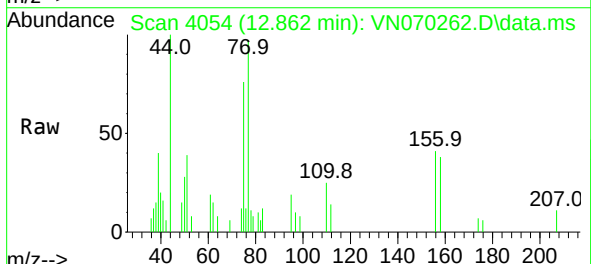
Manual Integrations  
APPROVED

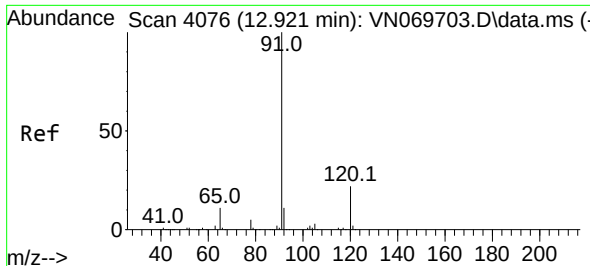
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021



#77  
Bromobenzene  
Concen: 0.248 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

Tgt Ion:156 Resp: 2085  
Ion Ratio Lower Upper  
156 100  
77 206.3 90.6 271.8  
158 89.1 48.9 146.7





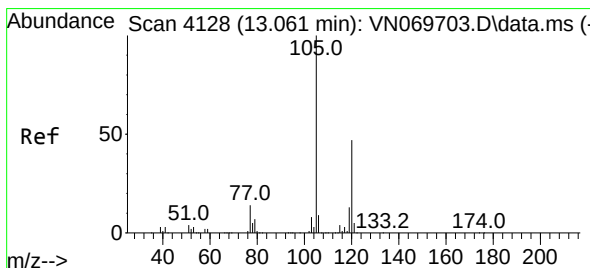
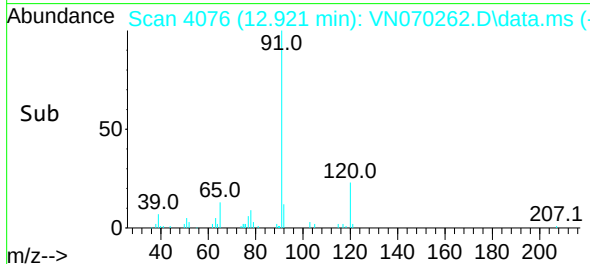
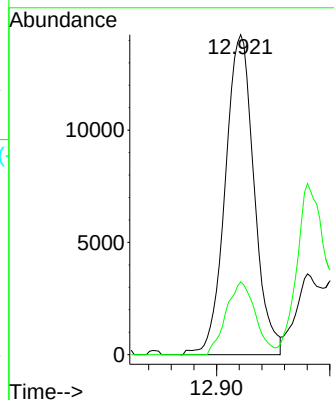
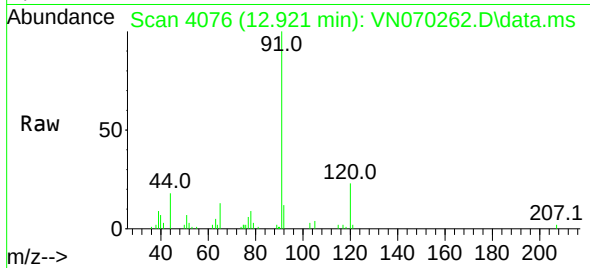
#78  
n-propylbenzene  
Concen: 0.633 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. 0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL

Tgt Ion: 91 Resp: 25194  
Ion Ratio Lower Upper  
91 100  
120 23.2 11.9 35.9

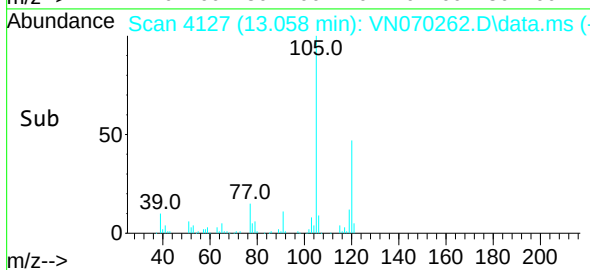
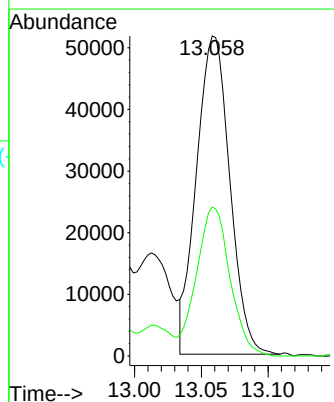
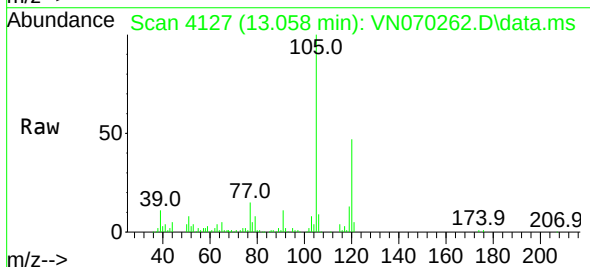
Manual Integrations  
APPROVED

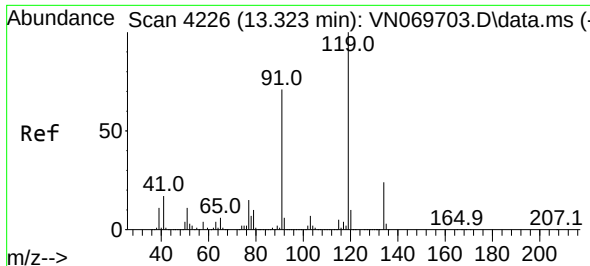
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021



#80  
1,3,5-Trimethylbenzene  
Concen: 3.108 ug/l  
RT: 13.058 min Scan# 4127  
Delta R.T. -0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

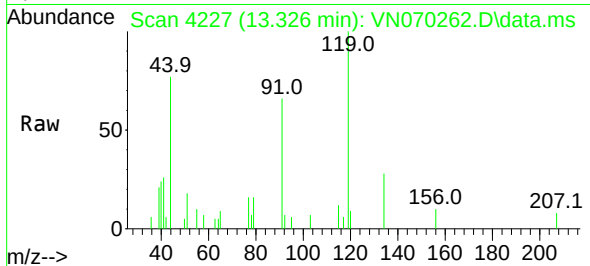
Tgt Ion:105 Resp: 89514  
Ion Ratio Lower Upper  
105 100  
120 47.3 24.6 73.6





#83  
tert-Butylbenzene  
Concen: 0.205 ug/l  
RT: 13.326 min Scan# 4226  
Delta R.T. 0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

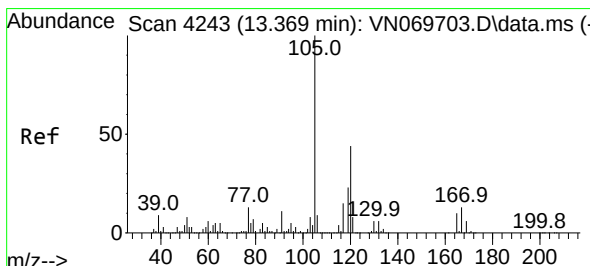
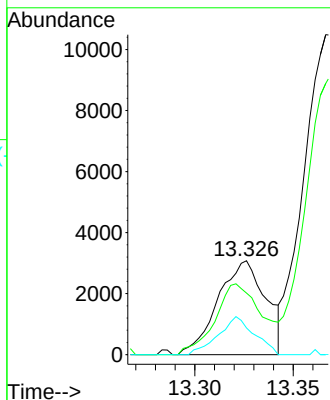
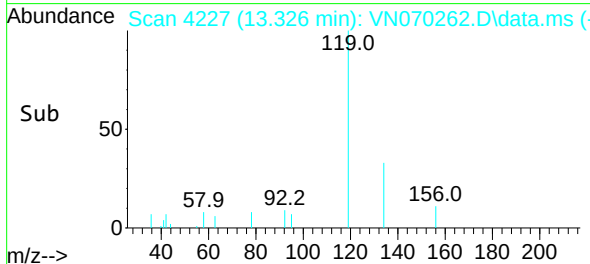
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



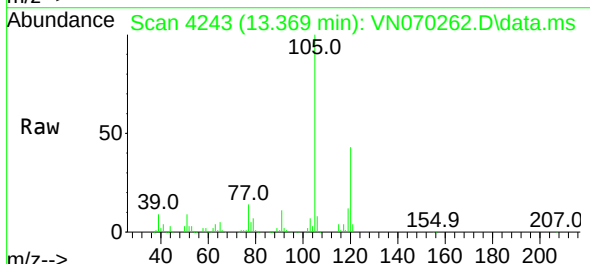
Tgt Ion:119 Resp: 5220  
Ion Ratio Lower Upper  
119 100  
91 73.6 31.5 94.5  
134 30.3 12.4 37.4

Manual Integrations  
APPROVED

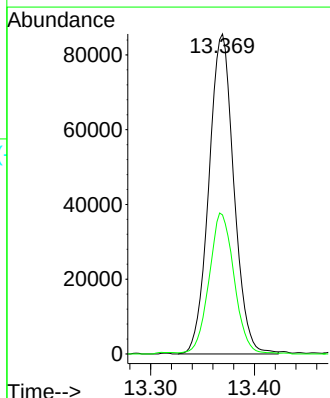
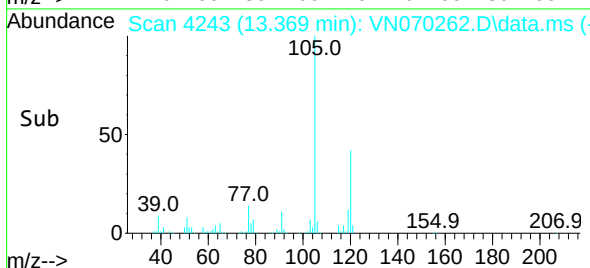
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021

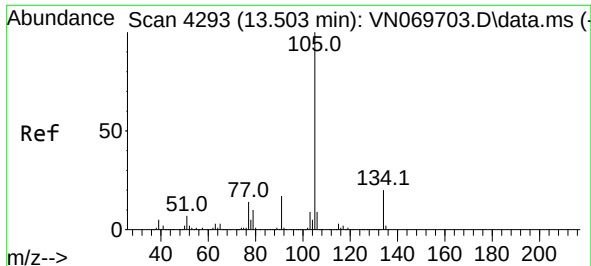


#84  
1,2,4-Trimethylbenzene  
Concen: 5.215 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. 0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55



Tgt Ion:105 Resp: 143067  
Ion Ratio Lower Upper  
105 100  
120 43.5 22.8 68.4





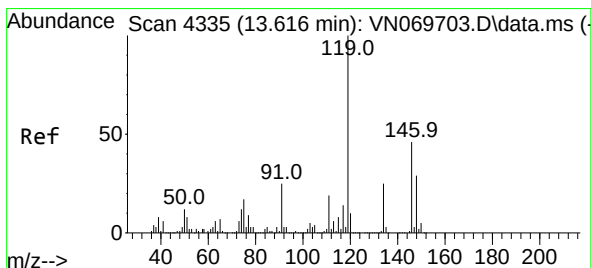
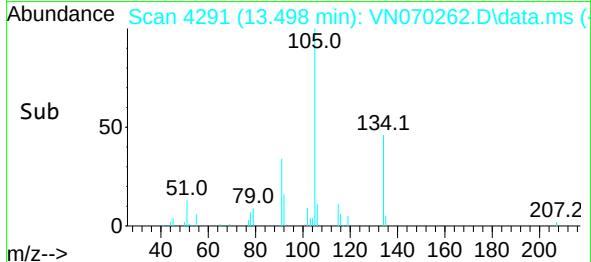
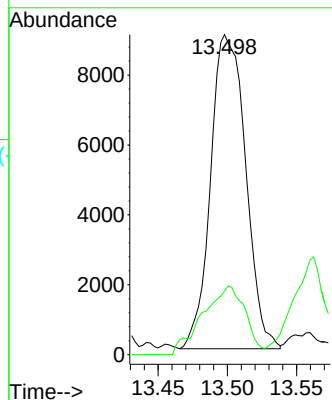
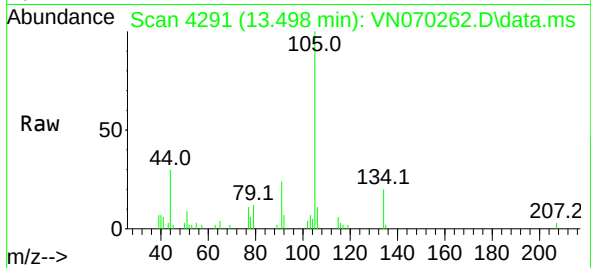
#85  
 sec-Butylbenzene  
 Concen: 0.457 ug/l  
 RT: 13.498 min Scan# 4291  
 Delta R.T. -0.005 min  
 Lab File: VN070262.D  
 Acq: 21 Dec 2021 12:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EXCAVATION-INFLUENTDL

Tgt Ion:105 Resp: 1582  
 Ion Ratio Lower Upper  
 105 100  
 134 26.5 10.4 31.1

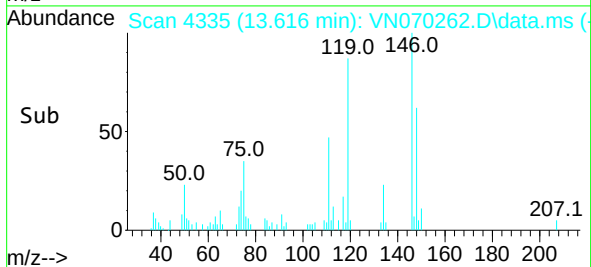
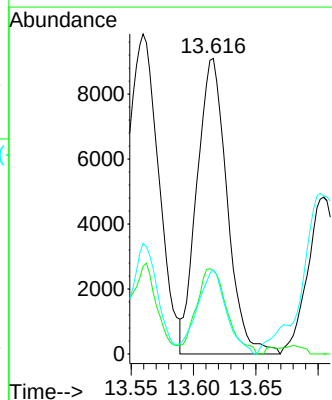
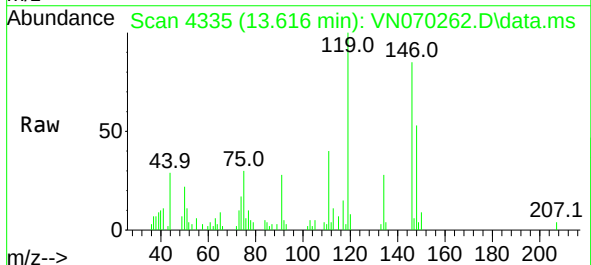
Manual Integrations  
 APPROVED

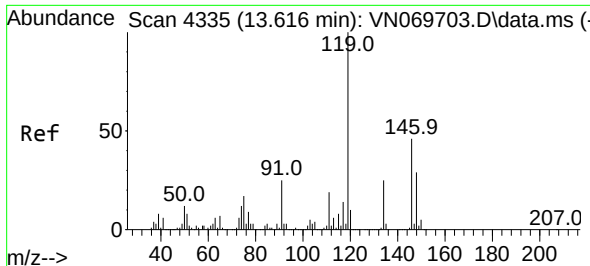
Reviewed By :John Carlone 12/22/2021  
 Supervised By :Semsettin Yesilyurt 12/23/2021



#86  
 p-Isopropyltoluene  
 Concen: 0.567 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. 0.000 min  
 Lab File: VN070262.D  
 Acq: 21 Dec 2021 12:55

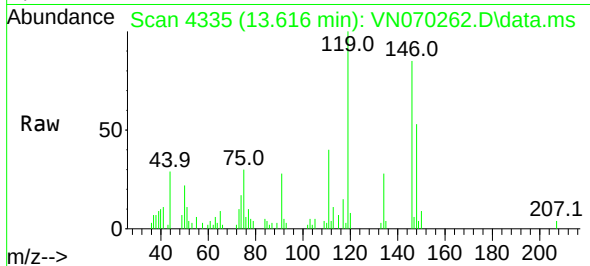
Tgt Ion:119 Resp: 15337  
 Ion Ratio Lower Upper  
 119 100  
 134 29.4 13.6 40.7  
 91 27.5 11.4 34.1





#87  
1,3-Dichlorobenzene  
Concen: 0.982 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. 0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

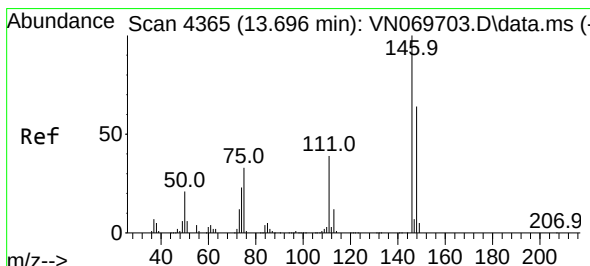
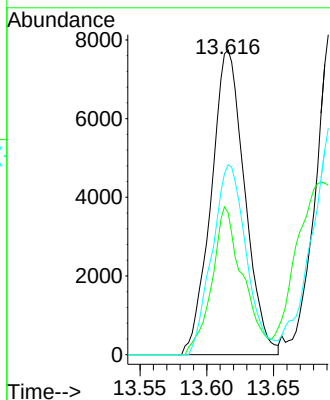
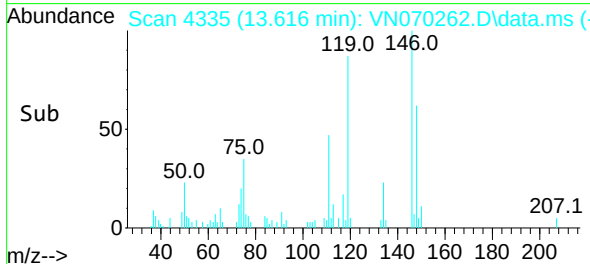
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



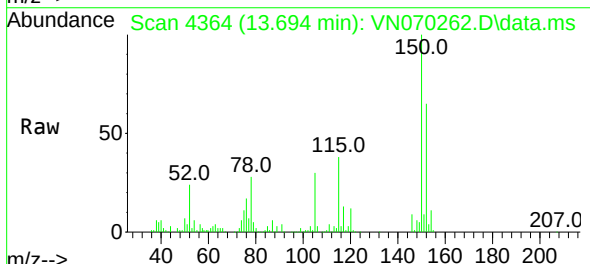
Tgt Ion:146 Resp: 13560  
Ion Ratio Lower Upper  
146 100  
111 45.1 18.6 55.6  
148 63.7 31.6 95.0

Manual Integrations  
APPROVED

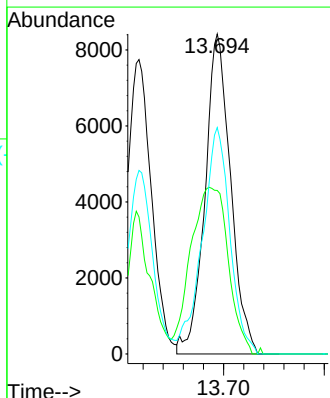
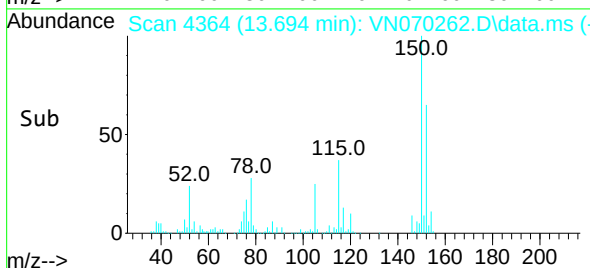
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021



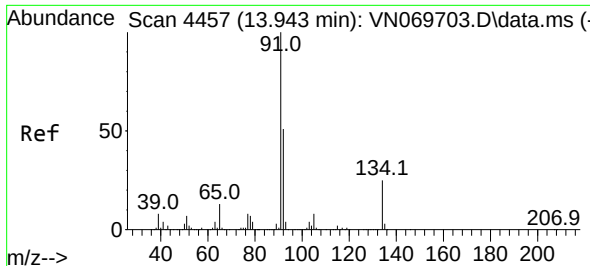
#88  
1,4-Dichlorobenzene  
Concen: 1.095 ug/l m  
RT: 13.694 min Scan# 4364  
Delta R.T. -0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55



Tgt Ion:146 Resp: 14854  
Ion Ratio Lower Upper  
146 100  
111 41.1 18.3 54.8  
148 58.2 31.8 95.4

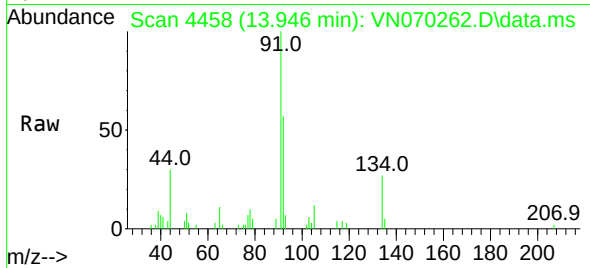






#89  
n-Butylbenzene  
Concen: 0.723 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. 0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

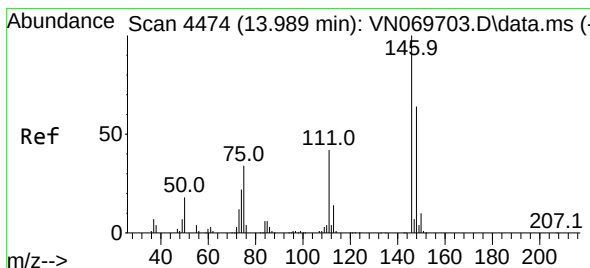
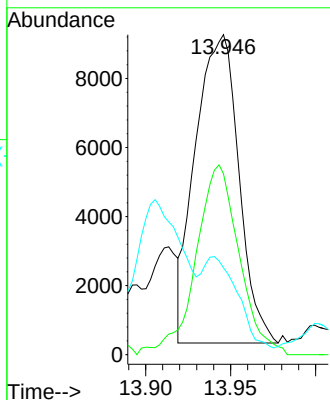
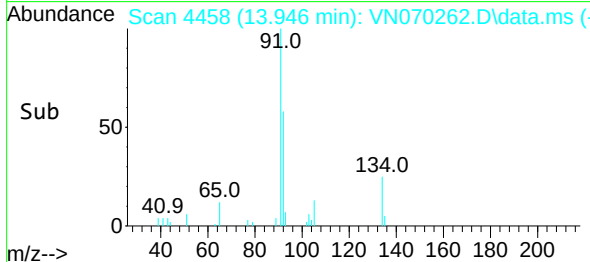
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



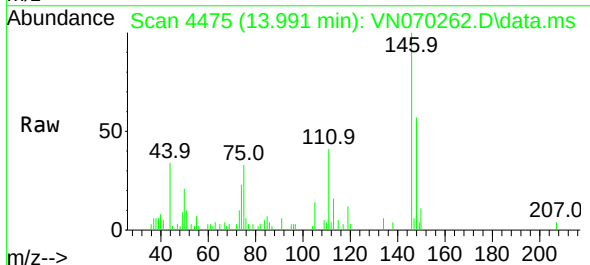
Tgt Ion: 91 Resp: 15869  
Ion Ratio Lower Upper  
91 100  
92 61.4 25.4 76.0  
134 0.0 13.6 40.8

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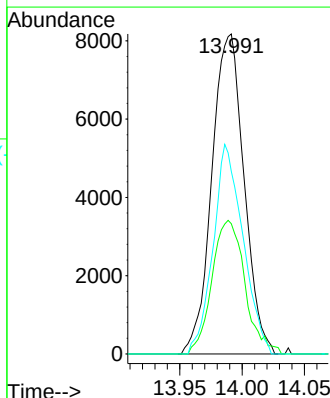
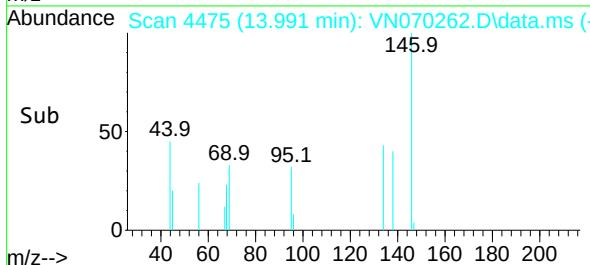
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021

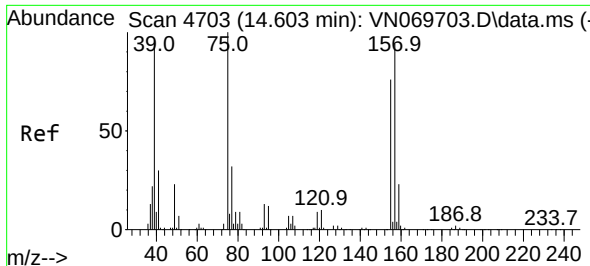


#91  
1,2-Dichlorobenzene  
Concen: 1.091 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55



Tgt Ion:146 Resp: 14684  
Ion Ratio Lower Upper  
146 100  
111 42.8 19.1 57.3  
148 60.8 32.1 96.3





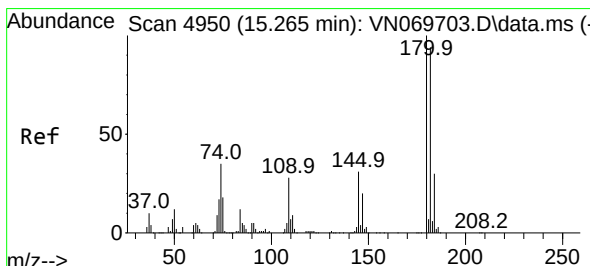
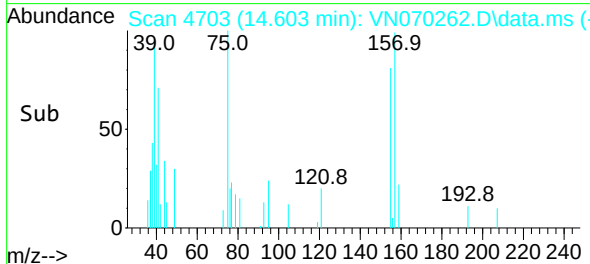
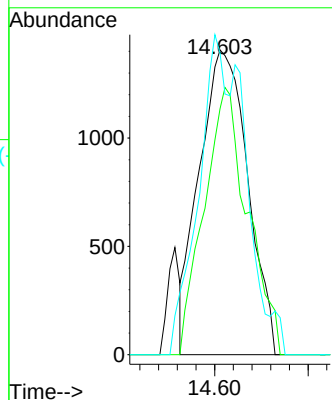
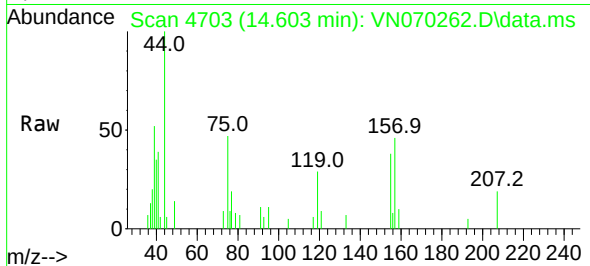
#92  
1,2-Dibromo-3-Chloropropane  
Concen: 1.135 ug/l  
RT: 14.603 min Scan# 4703  
Delta R.T. 0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL

Tgt Ion: 75 Resp: 2538  
Ion Ratio Lower Upper  
75 100  
155 78.8 46.9 140.7  
157 65.1 60.6 181.7

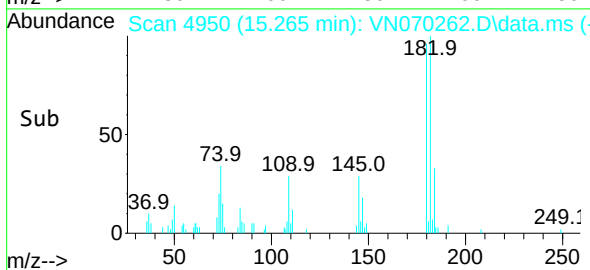
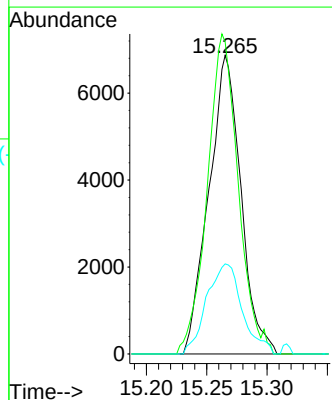
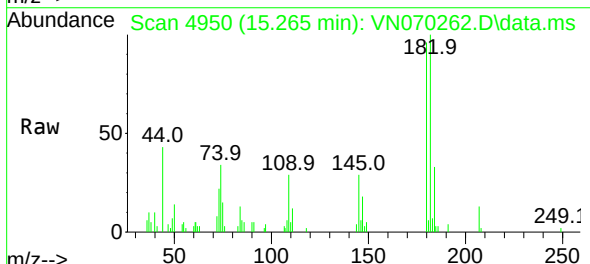
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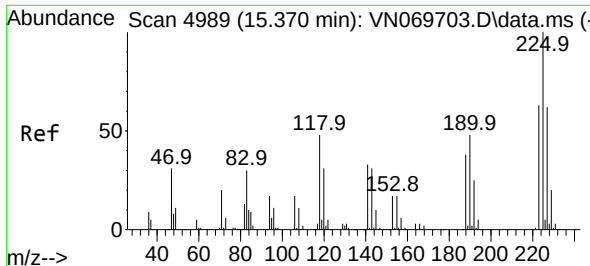
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021



#93  
1,2,4-Trichlorobenzene  
Concen: 4.694 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

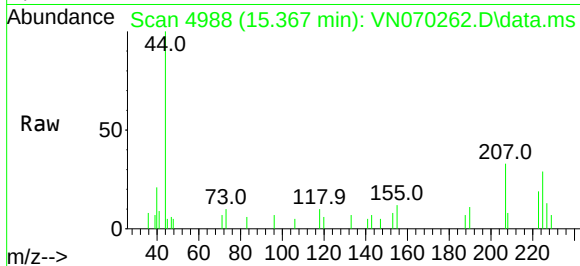
Tgt Ion:180 Resp: 12715  
Ion Ratio Lower Upper  
180 100  
182 103.0 48.3 144.9  
145 33.4 14.5 43.5





#94  
Hexachlorobutadiene  
Concen: 0.398 ug/l  
RT: 15.367 min Scan# 4989  
Delta R.T. -0.003 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

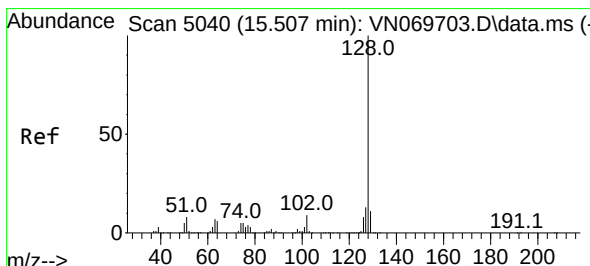
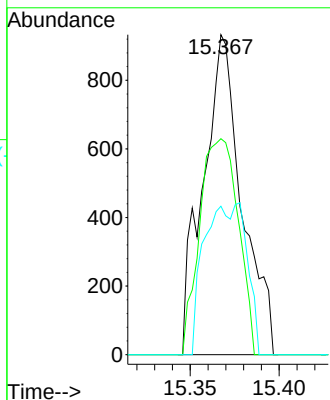
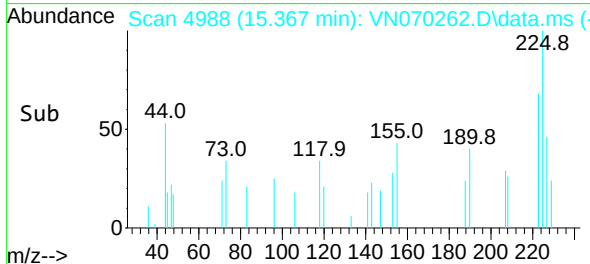
Instrument :  
MSVOA\_N  
ClientSampleId :  
EXCAVATION-INFLUENTDL



Tgt Ion:225 Resp: 1420  
Ion Ratio Lower Upper  
225 100  
223 67.0 31.9 95.7  
227 33.2 32.1 96.3

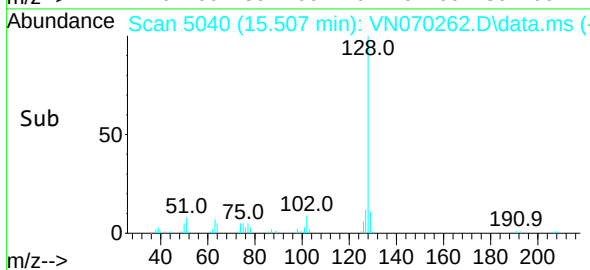
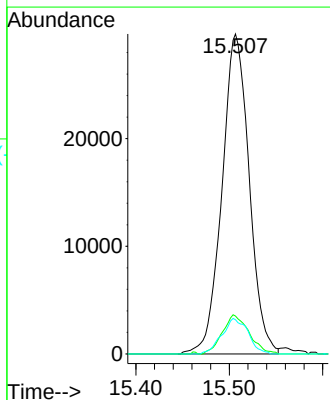
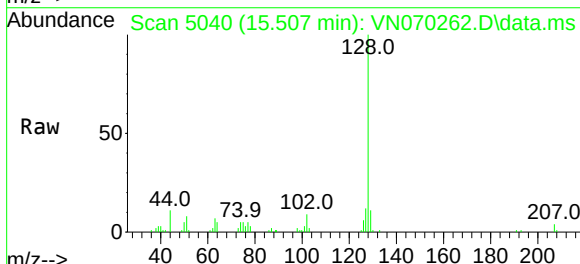
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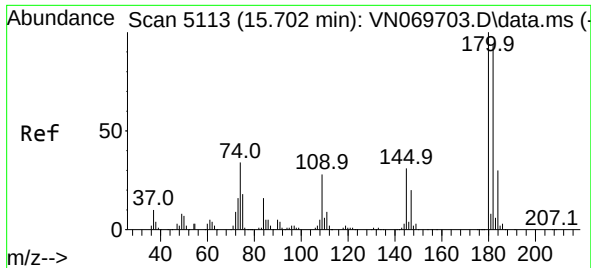
Reviewed By :John Carlone 12/22/2021  
Supervised By :Semsettin Yesilyurt 12/23/2021



#95  
Naphthalene  
Concen: 6.804 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.000 min  
Lab File: VN070262.D  
Acq: 21 Dec 2021 12:55

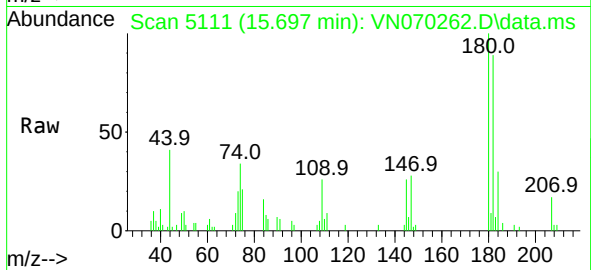
Tgt Ion:128 Resp: 60207  
Ion Ratio Lower Upper  
128 100  
127 12.0 10.5 15.7  
129 10.7 8.7 13.1





#96  
 1,2,3-Trichlorobenzene  
 Concen: 4.742 ug/l  
 RT: 15.697 min Scan# 5111  
 Delta R.T. -0.005 min  
 Lab File: VN070262.D  
 Acq: 21 Dec 2021 12:55

Instrument : MSVOA\_N  
 ClientSampleId : EXCAVATION-INFLUENTDL



|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 15590      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 96.8  | 47.4 142.2 |
| 145         | 34.0  | 15.0 45.1  |

Manual Integrations  
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Reviewed By :John Carlone 12/22/2021  
 Supervised By :Semsettin Yesilyurt 12/23/2021

