

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW072622\  
 Data File : VW026952.D  
 Acq On : 26 Jul 2022 15:18  
 Operator : SY/MD  
 Sample : N3670-02  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-WATER-QT2-2022-04

Manual Integrations  
 APPROVED

Reviewed By :Krupa  
 Patel

Quant Time: Jul 27 01:56:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072222WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 27 01:39:23 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612   | 114   | 510743   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850   | 117   | 516600   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249  | 152   | 233896   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301   | 65    | 189006   | 44.123   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 88.240%  |
| 7) Chloroethane-d5            | 1.564   | 69    | 161929   | 46.727   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 93.460%  |
| 11) 1,1-Dichloroethene-d2     | 2.101   | 63    | 264713   | 34.349   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 68.700%  |
| 21) 2-Butanone-d5             | 3.886   | 46    | 289669   | 100.323  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 100.320% |
| 24) Chloroform-d              | 4.342   | 84    | 391352   | 46.421   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.840%  |
| 26) 1,2-Dichloroethane-d4     | 5.024   | 65    | 239042   | 49.569   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 99.140%  |
| 32) Benzene-d6                | 5.043   | 84    | 768699   | 49.226   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 98.460%  |
| 36) 1,2-Dichloropropane-d6    | 6.066   | 67    | 256599   | 50.990   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 101.980% |
| 41) Toluene-d8                | 7.313   | 98    | 638944   | 46.764   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 93.520%  |
| 43) trans-1,3-Dichloroprop... | 7.619   | 79    | 102207   | 48.471   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 96.940%  |
| 47) 2-Hexanone-d5             | 8.088   | 63    | 194707   | 88.859   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 88.860%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214  | 84    | 371420   | 48.584   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 97.160%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622  | 152   | 246580   | 56.194   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 112.380% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.127   | 85    | 10396    | 1.970    | ug/L   | 99       |
| 3) Chloromethane              | 1.236   | 50    | 10435    | 2.115    | ug/L   | 97       |
| 5) Vinyl chloride             | 1.307   | 62    | 11658    | 2.223    | ug/L # | 72       |
| 6) Bromomethane               | 1.516   | 94    | 7345     | 2.318    | ug/L   | 99       |
| 8) Chloroethane               | 1.581   | 64    | 6642     | 2.155    | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 1.748   | 101   | 15383    | 2.128    | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111   | 101   | 11468    | 2.713    | ug/L   | 87       |
| 12) 1,1-Dichloroethene        | 2.111   | 96    | 10592    | 2.682    | ug/L # | 1        |
| 13) Acetone                   | 2.179   | 43    | 12790m   | 6.309    | ug/L   |          |
| 14) Carbon disulfide          | 2.288   | 76    | 22989    | 2.040    | ug/L   | 99       |
| 15) Methyl Acetate            | 2.436   | 43    | 10265    | 2.296    | ug/L   | 93       |
| 16) Methylene chloride        | 2.503   | 84    | 19118    | 3.798    | ug/L   | 99       |
| 17) trans-1,2-Dichloroethene  | 2.761   | 96    | 8546     | 2.048    | ug/L   | 95       |
| 18) Methyl tert-butyl Ether   | 2.764   | 73    | 24135    | 2.082    | ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 3.185   | 63    | 16493    | 2.146    | ug/L   | 93       |
| 20) cis-1,2-Dichloroethene    | 3.908   | 96    | 10054    | 2.286    | ug/L   | 93       |
| 22) 2-Butanone                | 3.989   | 43    | 15441m   | 5.584    | ug/L   |          |
| 23) Bromochloromethane        | 4.256   | 128   | 5916m    | 2.349    | ug/L   |          |
| 27) 1,2-Dichloroethane        | 5.137   | 62    | 12581    | 2.175    | ug/L   | 96       |

07/27/2022  
 Supervised By :Mahesh  
 adoda

07/28/2022

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 Acq On : 26 Jul 2022 15:18  
 Operator : SY/MD  
 Sample : N3670-02  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-WATER-QT2-2022-04

Manual Integrations  
 APPROVED

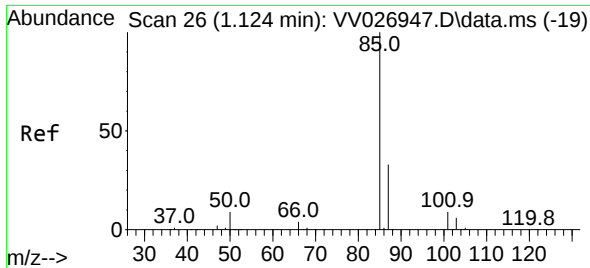
Reviewed By :Krupa  
 Patel

Quant Time: Jul 27 01:56:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072222WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 27 01:39:23 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 29) Cyclohexane               | 4.670  | 56   | 9730     | 1.801 | ug/L   | 97       |
| 30) 1,1,1-Trichloroethane     | 4.603  | 97   | 14348    | 2.102 | ug/L   | 97       |
| 31) Carbon tetrachloride      | 4.822  | 117  | 12710    | 2.127 | ug/L   | 96       |
| 33) Benzene                   | 5.098  | 78   | 35517    | 2.138 | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.127  | 83   | 12143    | 1.921 | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 9917     | 2.294 | ug/L # | 93       |
| 38) Bromodichloromethane      | 6.513  | 83   | 12467    | 2.127 | ug/L   | 96       |
| 39) cis-1,3-Dichloropropene   | 7.034  | 75   | 13011    | 2.168 | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 7.233  | 43   | 19094    | 3.711 | ug/L   | 98       |
| 42) Toluene                   | 7.391  | 91   | 35449    | 2.090 | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 7.657  | 75   | 13732m   | 2.320 | ug/L   |          |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 11089    | 2.408 | ug/L   | 97       |
| 46) Tetrachloroethene         | 7.976  | 164  | 6811     | 2.045 | ug/L   | 96       |
| 48) 2-Hexanone                | 8.149  | 43   | 26792m   | 6.690 | ug/L   |          |
| 49) Dibromochloromethane      | 8.246  | 129  | 10355    | 2.152 | ug/L   | 92       |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 10621    | 2.254 | ug/L # | 97       |
| 51) Chlorobenzene             | 8.882  | 112  | 25232    | 2.135 | ug/L   | 98       |
| 52) Ethylbenzene              | 9.014  | 91   | 32001    | 1.818 | ug/L   | 99       |
| 53) m,p-Xylene                | 9.140  | 106  | 11665    | 1.693 | ug/L   | 96       |
| 54) o-Xylene                  | 9.545  | 106  | 11479    | 1.729 | ug/L   | 92       |
| 55) Styrene                   | 9.567  | 104  | 18810    | 1.605 | ug/L   | 93       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 18581    | 2.500 | ug/L # | 98       |
| 59) Bromoform                 | 9.731  | 173  | 6700     | 2.564 | ug/L   | 98       |
| 60) Isopropylbenzene          | 9.931  | 105  | 27002    | 1.953 | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 10.271 | 75   | 13254    | 2.824 | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 21528    | 1.916 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 20739    | 1.841 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.185 | 146  | 15504    | 2.195 | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 16446    | 2.198 | ug/L   | 91       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 19106    | 2.637 | ug/L   | 94       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 3140     | 2.504 | ug/L   | 92       |
| 69) 1,3,5-Trichlorobenzene    | 12.648 | 180  | 10565    | 2.113 | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 8161     | 1.937 | ug/L   | 95       |
| 71) Naphthalene               | 13.503 | 128  | 23378    | 1.765 | ug/L   | 97       |
| 72) 1,2,3-Trichlorobenzene    | 13.747 | 180  | 8476     | 1.929 | ug/L   | 97       |

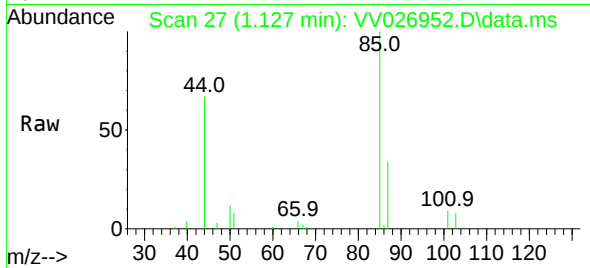
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
 Dichlorodifluoromethane  
 Concen: 1.970 ug/L  
 RT: 1.127 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: VV026952.D  
 Acq: 26 Jul 2022 15:18

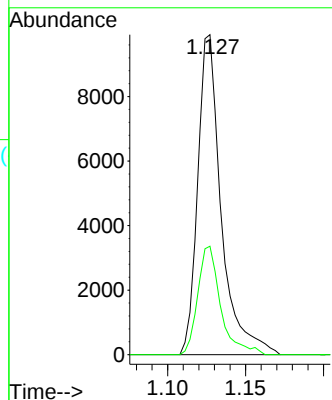
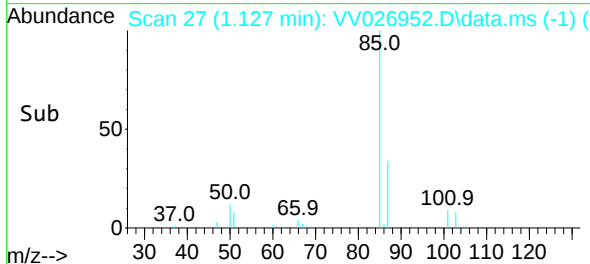
Instrument : MSVOA\_V  
 ClientSampleId :  
 MDL-WATER-QT2-2022-04



Tgt Ion: 85 Resp: 10390  
 Ion Ratio Lower Upper  
 85 100  
 87 33.1 26.1 39.1

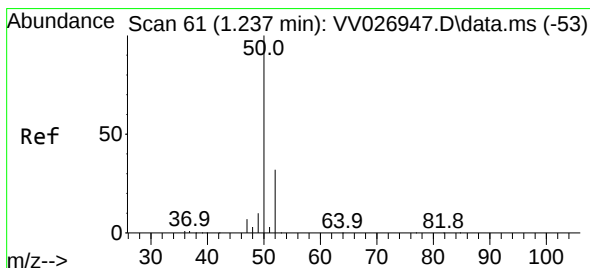
Manual Integrations  
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Reviewed By :Krupa  
 Patel



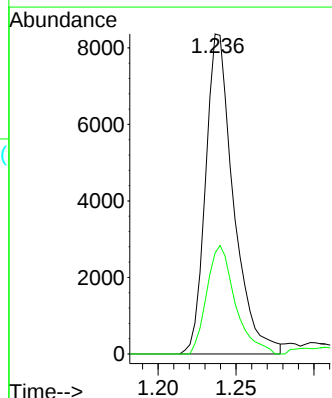
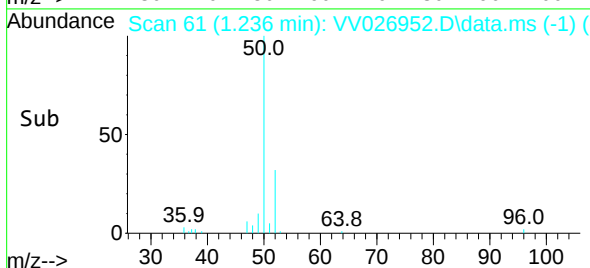
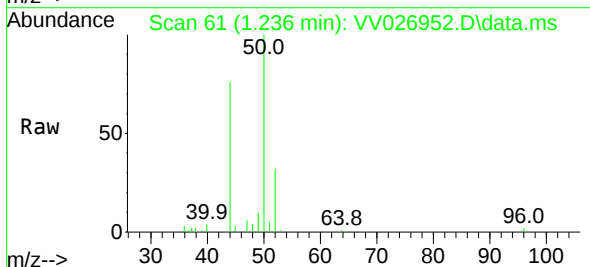
07/27/2022  
 Supervised By :Mahesh  
 Dadoda

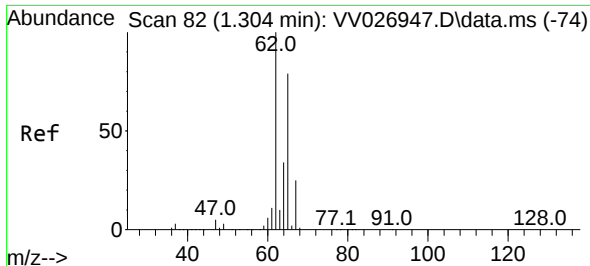
07/28/2022



#3  
 Chloromethane  
 Concen: 2.115 ug/L  
 RT: 1.236 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: VV026952.D  
 Acq: 26 Jul 2022 15:18

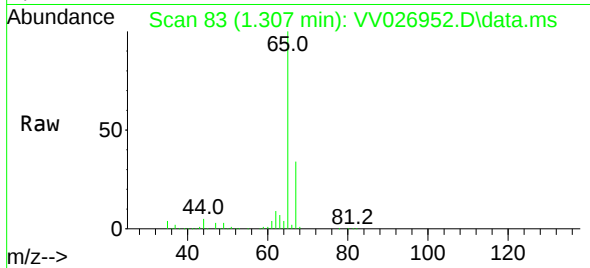
Tgt Ion: 50 Resp: 10435  
 Ion Ratio Lower Upper  
 50 100  
 52 31.6 23.1 42.9





#5  
 Vinyl chloride  
 Concen: 2.223 ug/L  
 RT: 1.307 min Scan# 81  
 Delta R.T. 0.003 min  
 Lab File: VV026952.D  
 Acq: 26 Jul 2022 15:18

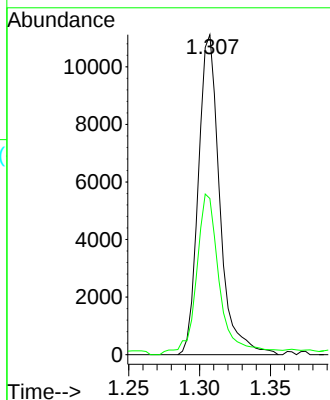
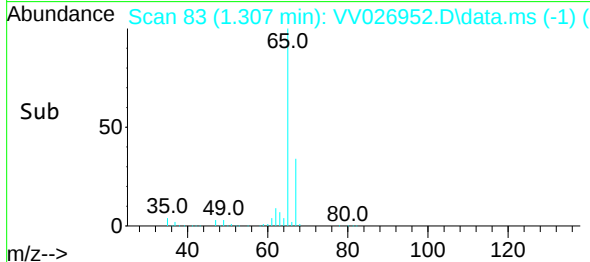
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-WATER-QT2-2022-04



Tgt Ion: 62 Resp: 11658  
 Ion Ratio Lower Upper  
 62 100  
 64 48.8 23.0 42.6

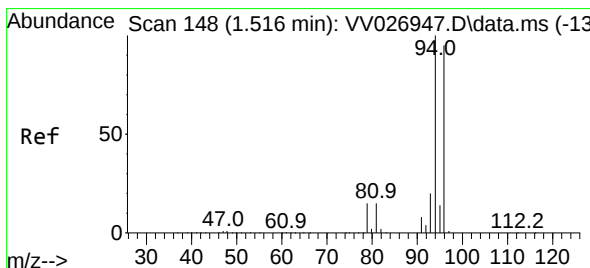
Manual Integrations  
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Reviewed By :Krupa  
 Patel



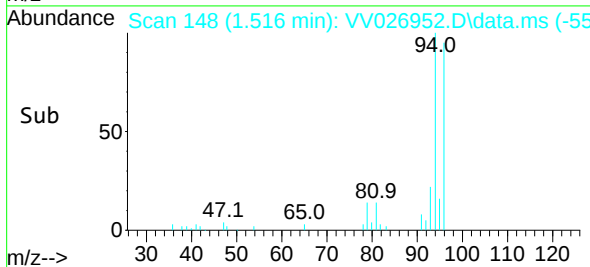
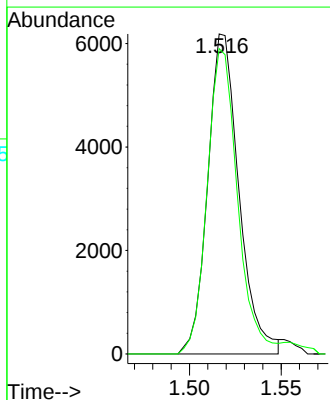
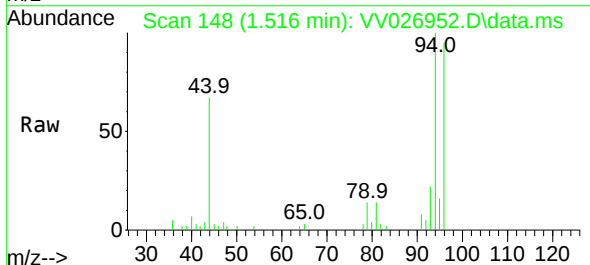
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 Dadoda

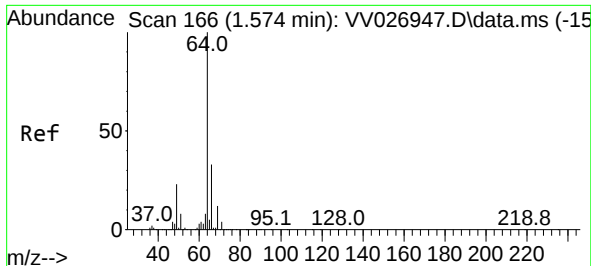
07/28/2022



#6  
 Bromomethane  
 Concen: 2.318 ug/L  
 RT: 1.516 min Scan# 148  
 Delta R.T. -0.000 min  
 Lab File: VV026952.D  
 Acq: 26 Jul 2022 15:18

Tgt Ion: 94 Resp: 7345  
 Ion Ratio Lower Upper  
 94 100  
 96 95.4 65.8 122.2





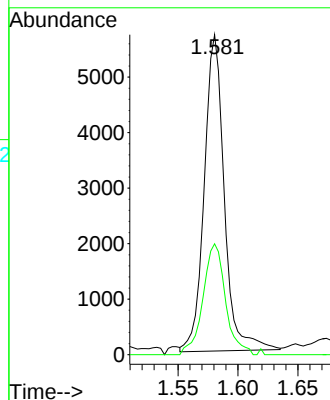
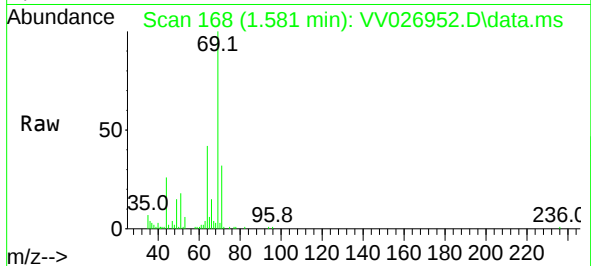
#8  
Chloroethane  
Concen: 2.155 ug/L  
RT: 1.581 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04

Tgt Ion: 64 Resp: 664  
Ion Ratio Lower Upper  
64 100  
66 34.7 23.2 43.0

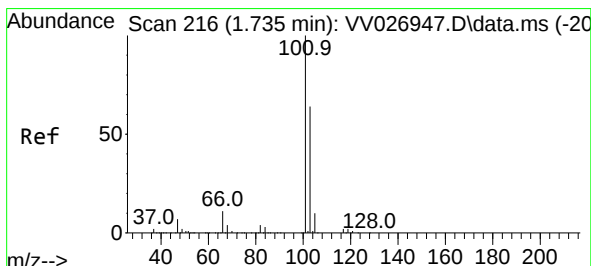
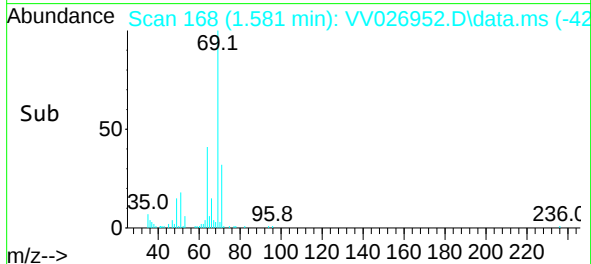
Manual Integrations  
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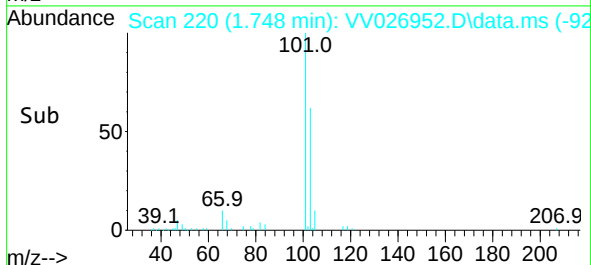
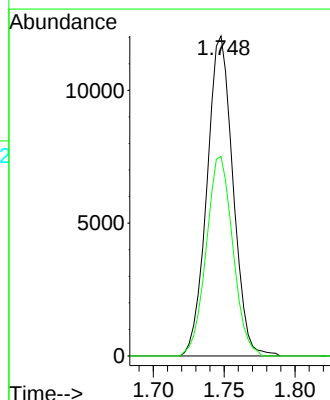
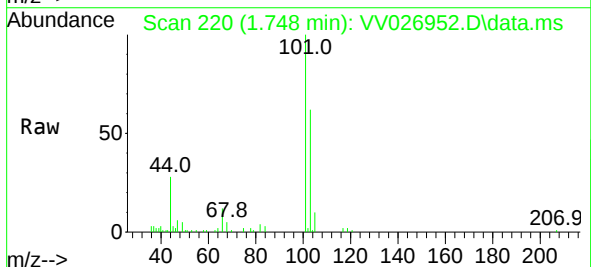
07/27/2022  
Supervised By :Mahesh  
Dadoda

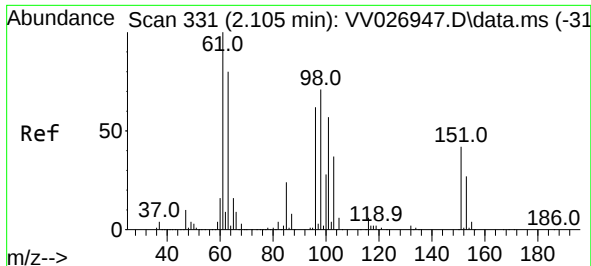
07/28/2022



#9  
Trichlorofluoromethane  
Concen: 2.128 ug/L  
RT: 1.748 min Scan# 220  
Delta R.T. 0.013 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Tgt Ion:101 Resp: 15383  
Ion Ratio Lower Upper  
101 100  
103 63.7 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.713 ug/L

RT: 2.111 min Scan# 331

Delta R.T. 0.006 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

Instrument :

MSVOA\_V

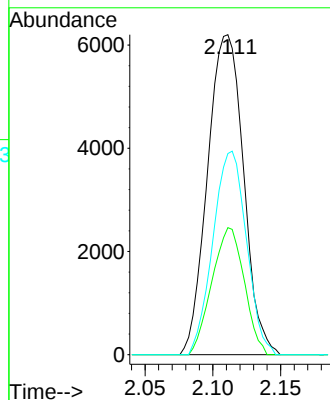
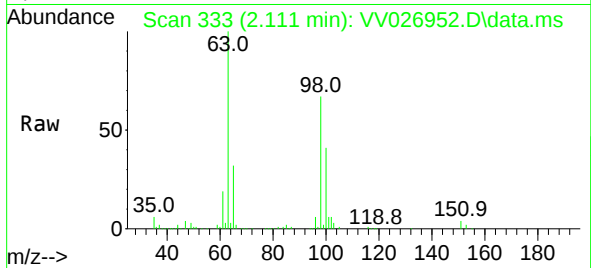
ClientSampleId :

MDL-WATER-QT2-2022-04

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 101   | Resp: | 1146 |
| Ion Ratio | Lower | Upper |      |
| 101       | 100   |       |      |
| 85        | 35.6  | 33.1  | 49.7 |
| 151       | 59.2  | 57.1  | 85.7 |

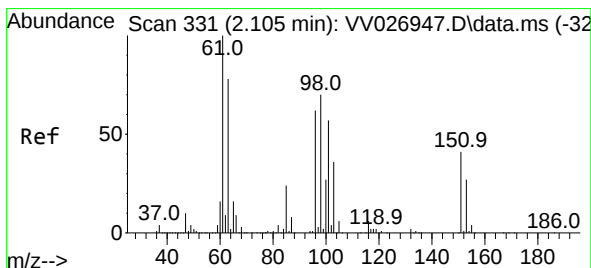
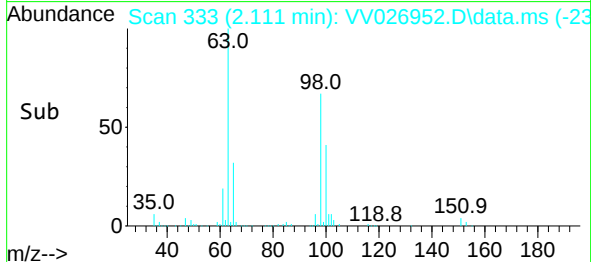
Manual Integrations  
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07/27/2022  
Supervised By :Mahesh  
Dadoda

07/28/2022



#12

1,1-Dichloroethene

Concen: 2.682 ug/L

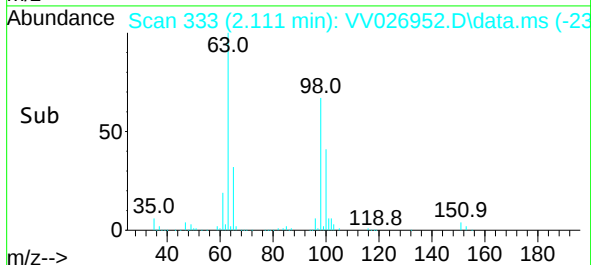
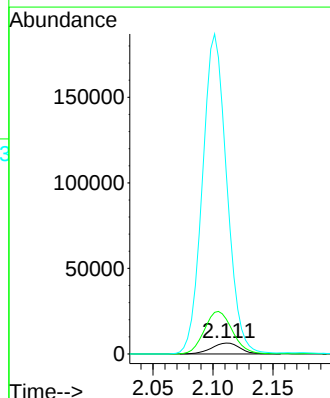
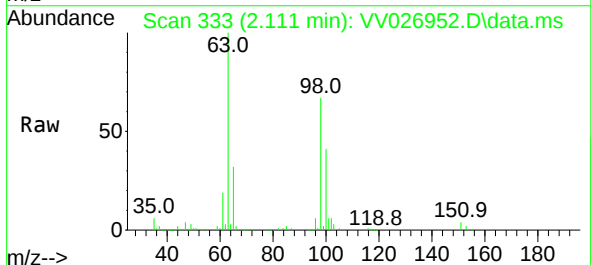
RT: 2.111 min Scan# 333

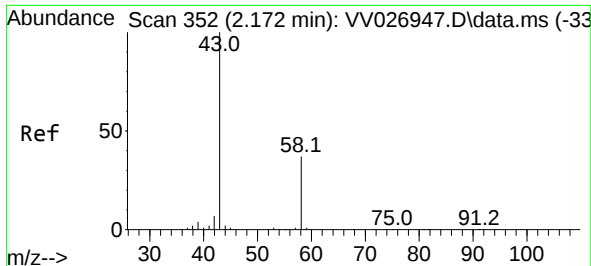
Delta R.T. 0.006 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

|           |        |       |        |
|-----------|--------|-------|--------|
| Tgt Ion:  | 96     | Resp: | 10592  |
| Ion Ratio | Lower  | Upper |        |
| 96        | 100    |       |        |
| 61        | 319.9  | 114.2 | 212.0# |
| 63        | 1670.2 | 87.0  | 161.6# |





#13

Acetone

Concen: 6.309 ug/L m

RT: 2.179 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

Instrument :

MSVOA\_V

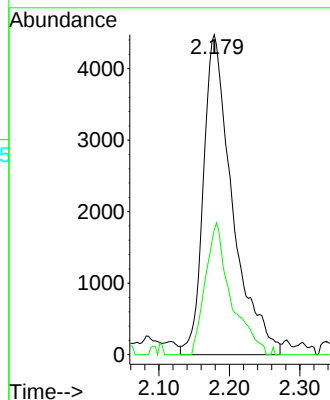
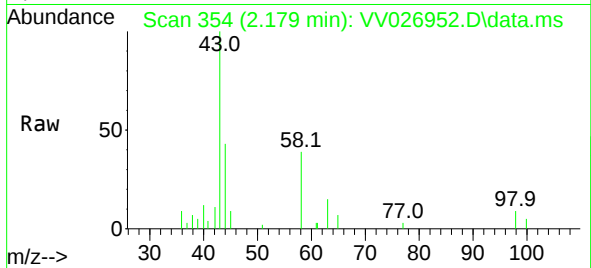
ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion: 43 Resp: 12790  
 Ion Ratio Lower Upper  
 43 100  
 58 36.3 0.0 72.6

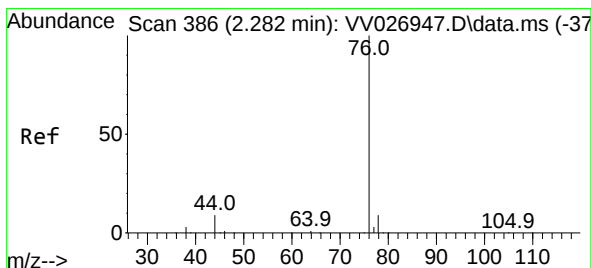
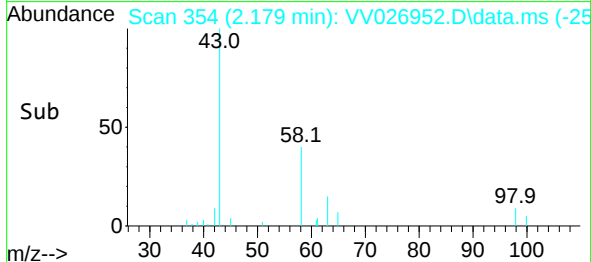
Manual Integrations  
 APPROVED

Reviewed By :Krupa  
 Patel



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 Supervised By :Mahesh  
 Dadoda

07/28/2022



#14

Carbon disulfide

Concen: 2.040 ug/L

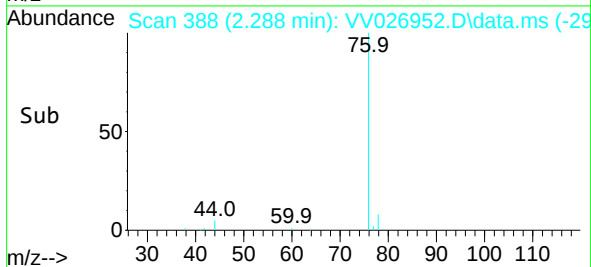
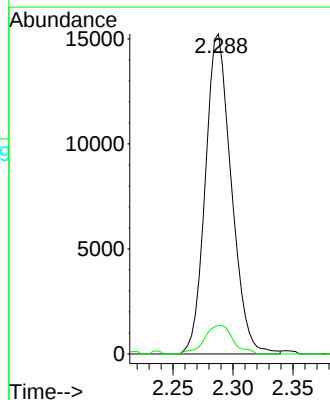
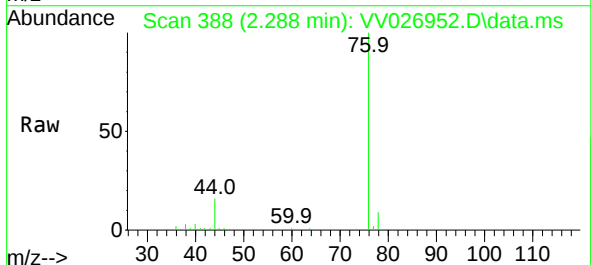
RT: 2.288 min Scan# 388

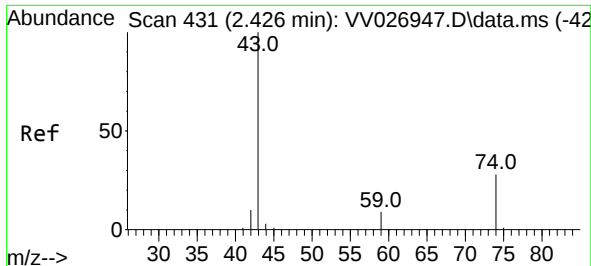
Delta R.T. 0.006 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

Tgt Ion: 76 Resp: 22989  
 Ion Ratio Lower Upper  
 76 100  
 78 8.9 7.4 11.2





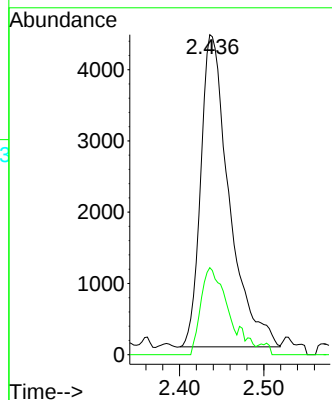
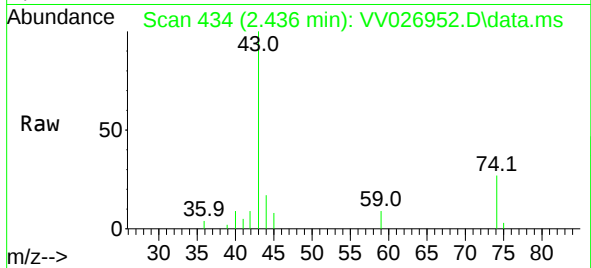
#15  
Methyl Acetate  
Concen: 2.296 ug/L  
RT: 2.436 min Scan# 431  
Delta R.T. 0.010 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Instrument : MSVOA\_V  
ClientSampleId : MDL-WATER-QT2-2022-04

Tgt Ion: 43 Resp: 1026  
Ion Ratio Lower Upper  
43 100  
74 24.1 22.1 33.1

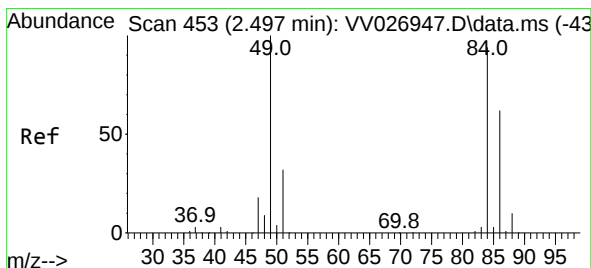
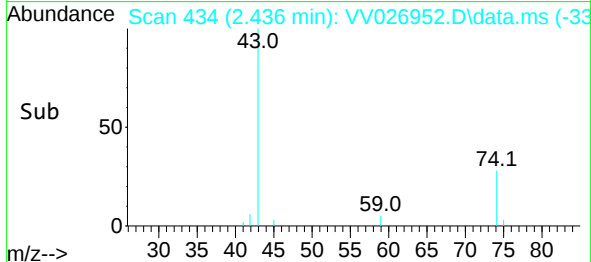
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



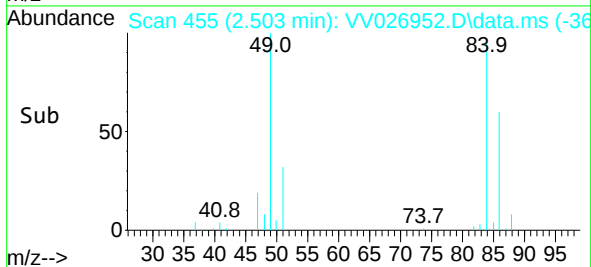
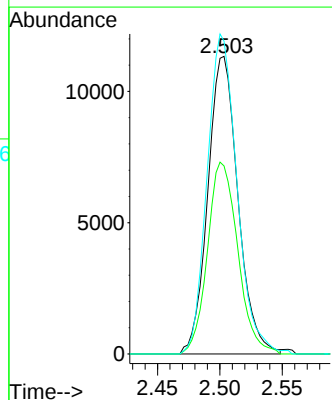
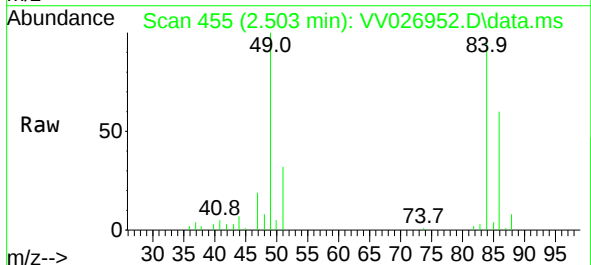
07/27/2022  
Supervised By :Mahesh  
Dadoda

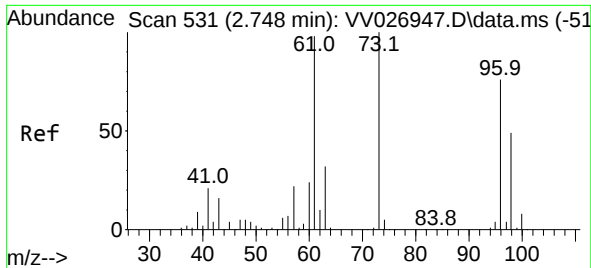
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#16  
Methylene chloride  
Concen: 3.798 ug/L  
RT: 2.503 min Scan# 455  
Delta R.T. 0.006 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

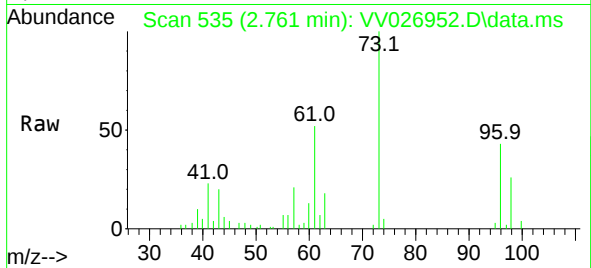
Tgt Ion: 84 Resp: 19118  
Ion Ratio Lower Upper  
84 100  
86 63.2 44.5 82.7  
49 105.1 75.0 139.2





#17  
trans-1,2-Dichloroethene  
Concen: 2.048 ug/L  
RT: 2.761 min Scan# 51  
Delta R.T. 0.013 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

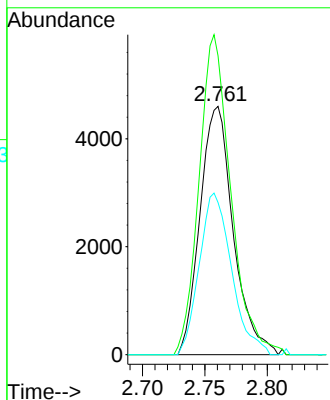
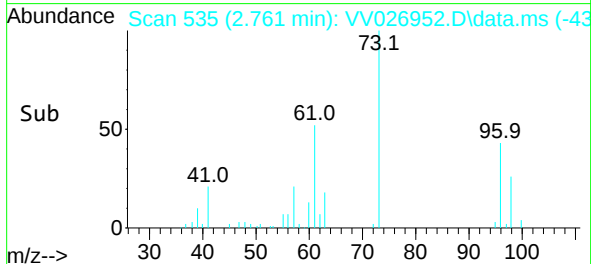
Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04



Tgt Ion: 96 Resp: 8540  
Ion Ratio Lower Upper  
96 100  
61 120.4 89.2 165.6  
98 61.3 44.7 82.9

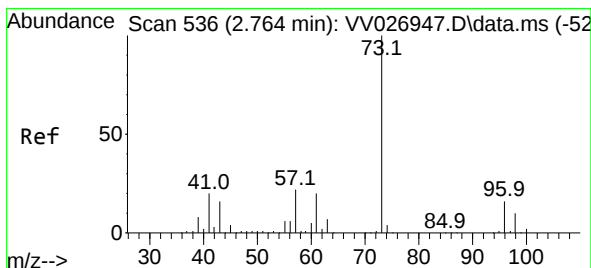
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



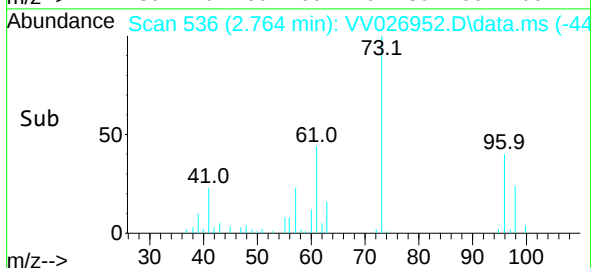
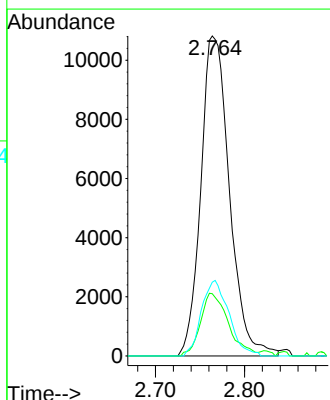
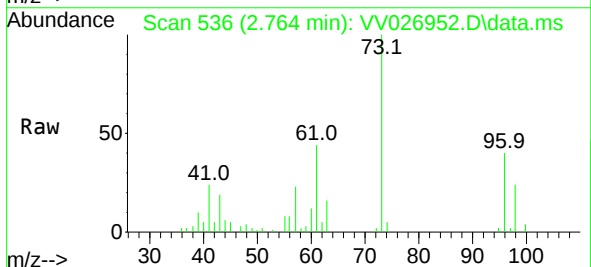
07/27/2022  
Supervised By :Mahesh  
Dadoda

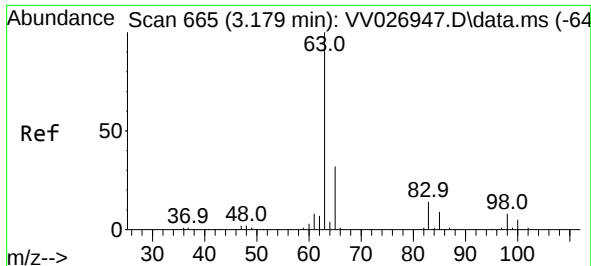
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#18  
Methyl tert-butyl Ether  
Concen: 2.082 ug/L  
RT: 2.764 min Scan# 536  
Delta R.T. -0.000 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Tgt Ion: 73 Resp: 24135  
Ion Ratio Lower Upper  
73 100  
43 19.1 12.8 19.2  
57 22.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 2.146 ug/L

RT: 3.185 min Scan# 60

Delta R.T. 0.006 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

Instrument :

MSVOA\_V

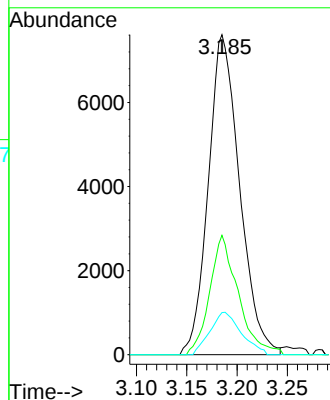
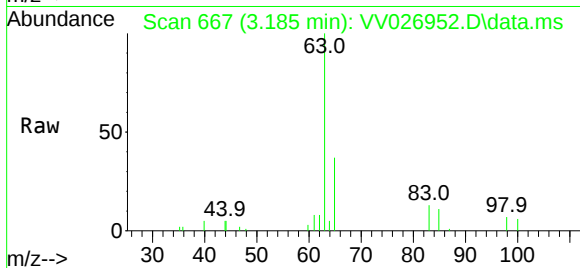
ClientSampleId :

MDL-WATER-QT2-2022-04

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 1649  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 65 37.3     | 22.6 42.0   |
| 83 13.2     | 9.4 17.4    |

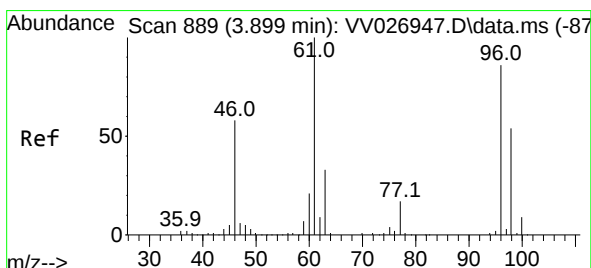
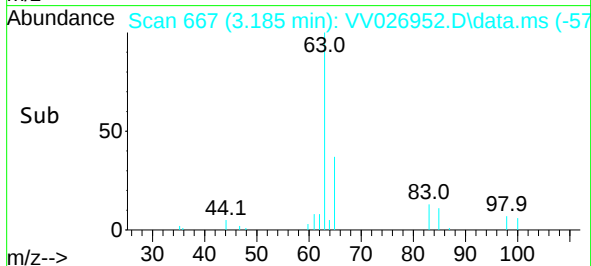
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



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Supervised By :Mahesh  
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#20

cis-1,2-Dichloroethene

Concen: 2.286 ug/L

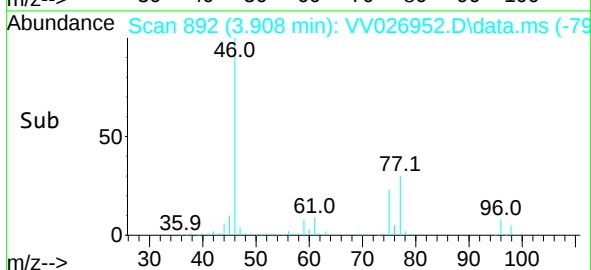
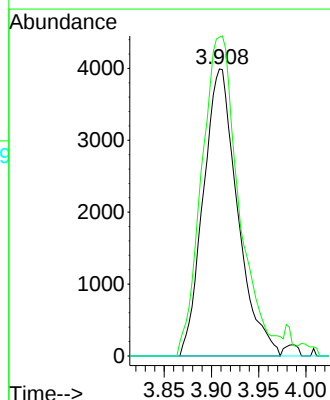
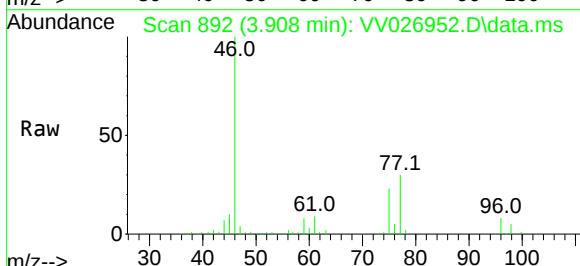
RT: 3.908 min Scan# 892

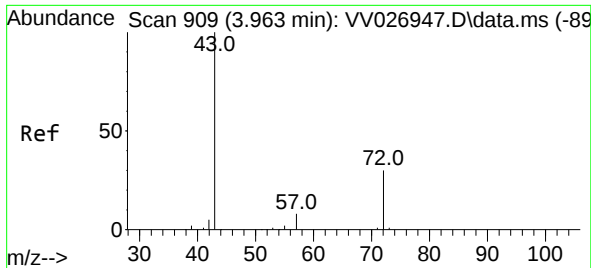
Delta R.T. 0.010 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 10054 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 111.1    | 83.0 154.1  |
| 68 0.0      | 0.0 0.0     |





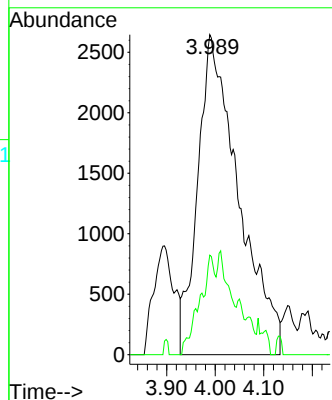
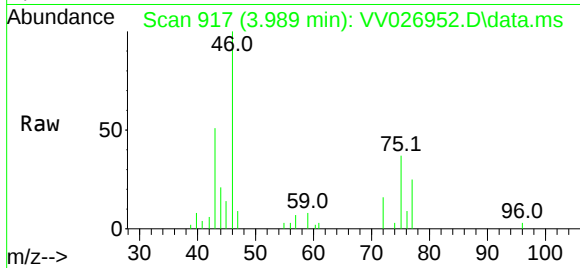
#22  
2-Butanone  
Concen: 5.584 ug/L m  
RT: 3.989 min Scan# 917  
Delta R.T. 0.026 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Instrument : MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04

Tgt Ion: 43 Resp: 1544  
Ion Ratio Lower Upper  
43 100  
72 5.6 14.9 44.5

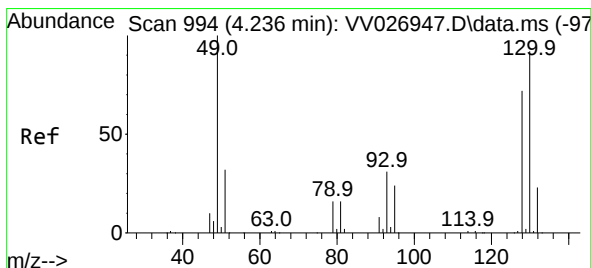
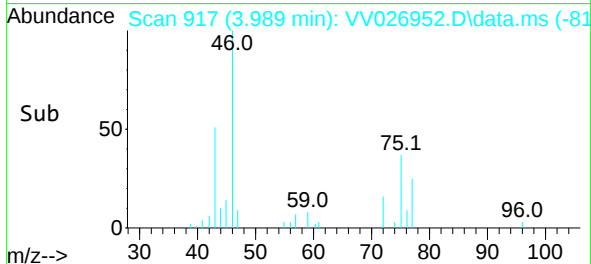
Manual Integrations  
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Patel



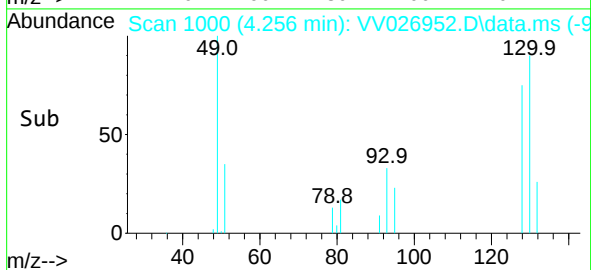
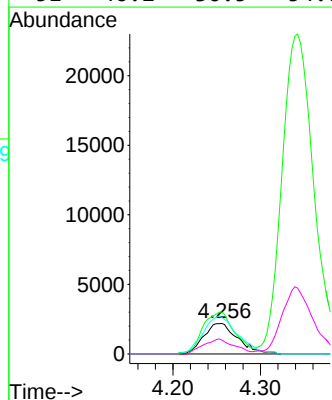
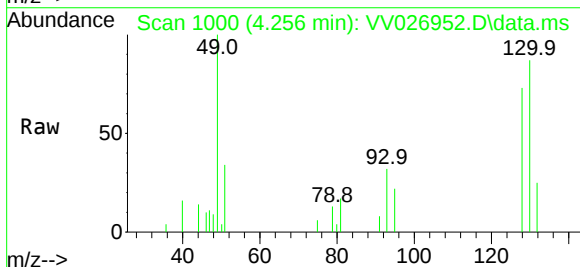
07/27/2022  
Supervised By :Mahesh  
Dadoda

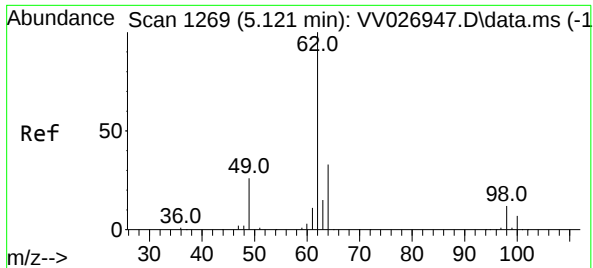
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#23  
Bromochloromethane  
Concen: 2.349 ug/L m  
RT: 4.256 min Scan# 1000  
Delta R.T. 0.019 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Tgt Ion:128 Resp: 5916  
Ion Ratio Lower Upper  
128 100  
49 137.5 101.0 187.6  
130 120.0 90.0 167.2  
51 46.2 36.5 54.7





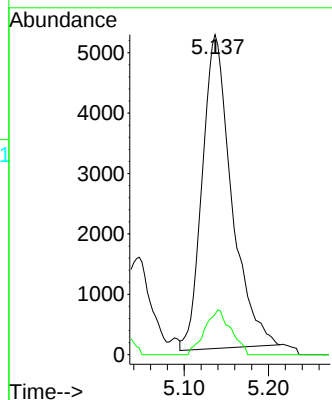
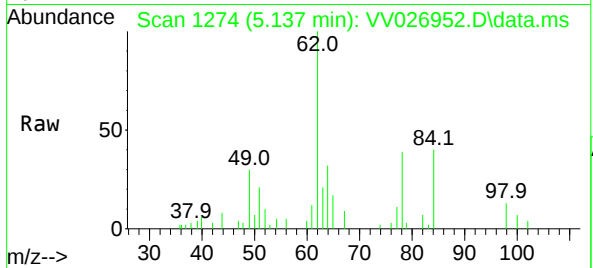
#27  
1,2-Dichloroethane  
Concen: 2.175 ug/L  
RT: 5.137 min Scan# 1127  
Delta R.T. 0.016 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Instrument : MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04

Tgt Ion: 62 Resp: 1258  
Ion Ratio Lower Upper  
62 100  
98 12.6 8.9 13.3

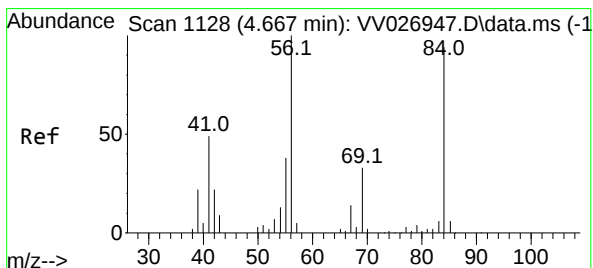
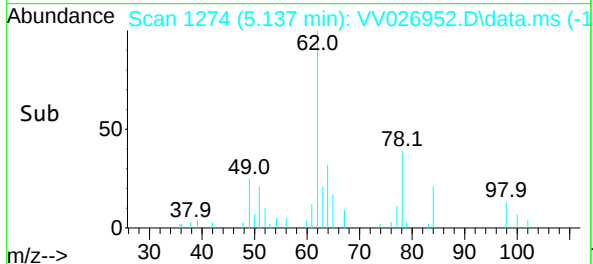
Manual Integrations  
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Patel



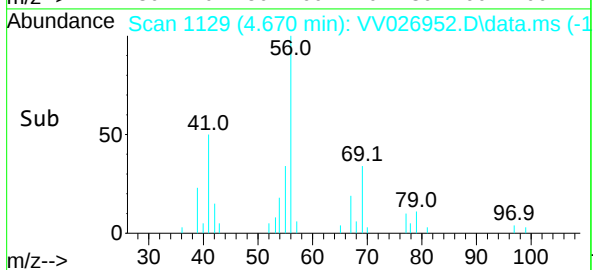
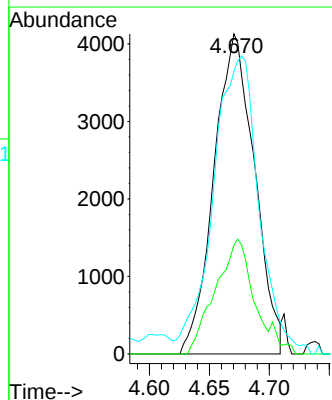
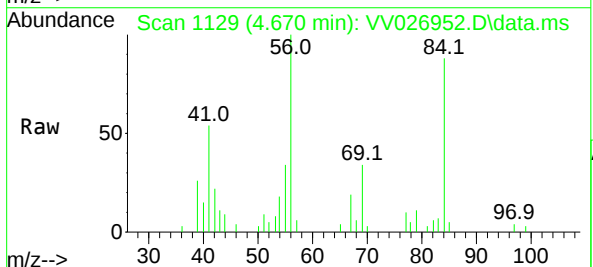
07/27/2022  
Supervised By :Mahesh  
Dadoda

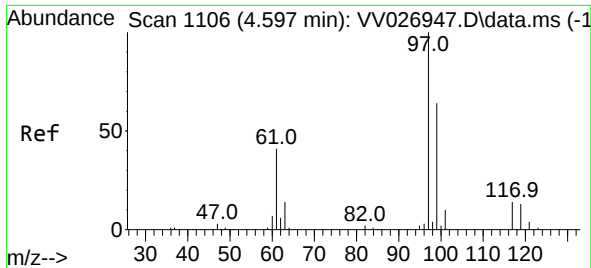
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#29  
Cyclohexane  
Concen: 1.801 ug/L  
RT: 4.670 min Scan# 1129  
Delta R.T. 0.003 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Tgt Ion: 56 Resp: 9730  
Ion Ratio Lower Upper  
56 100  
69 32.5 25.7 38.5  
84 100.5 77.0 115.6





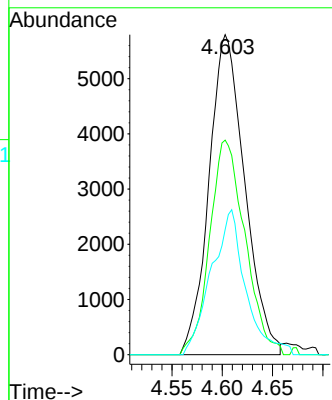
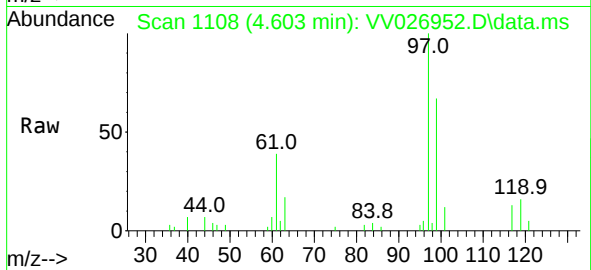
#30  
1,1,1-Trichloroethane  
Concen: 2.102 ug/L  
RT: 4.603 min Scan# 1106  
Delta R.T. 0.006 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Instrument : MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04

Tgt Ion: 97 Resp: 14348  
Ion Ratio Lower Upper  
97 100  
99 66.2 51.0 76.6  
61 43.5 33.1 49.7

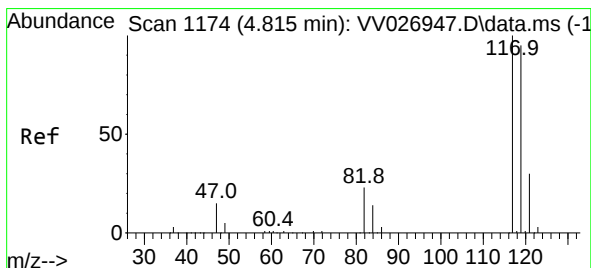
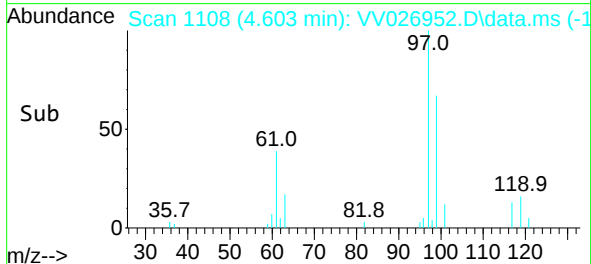
Manual Integrations  
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Reviewed By :Krupa  
Patel



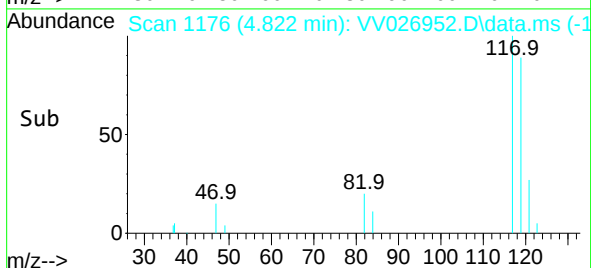
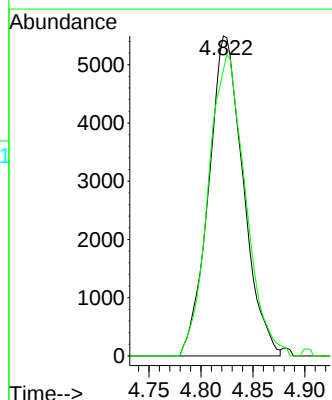
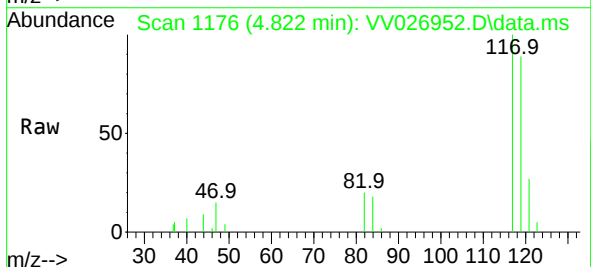
07/27/2022  
Supervised By :Mahesh  
Dadoda

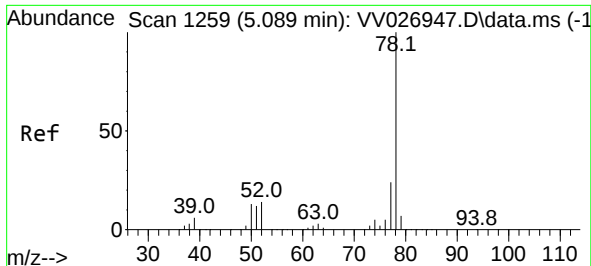
07/28/2022



#31  
Carbon tetrachloride  
Concen: 2.127 ug/L  
RT: 4.822 min Scan# 1176  
Delta R.T. 0.006 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Tgt Ion:117 Resp: 12710  
Ion Ratio Lower Upper  
117 100  
119 100.7 77.3 115.9





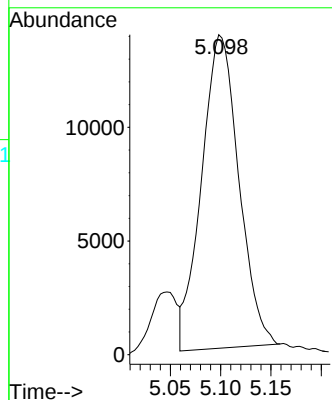
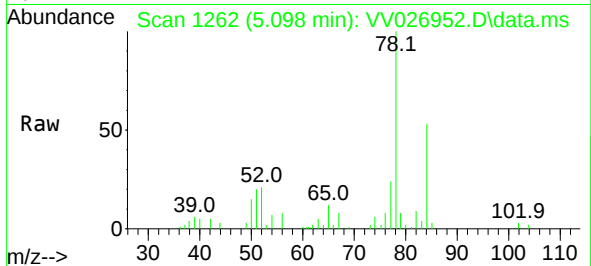
#33  
Benzene  
Concen: 2.138 ug/L  
RT: 5.098 min Scan# 11  
Delta R.T. 0.010 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04

Tgt Ion: 78 Resp: 3551

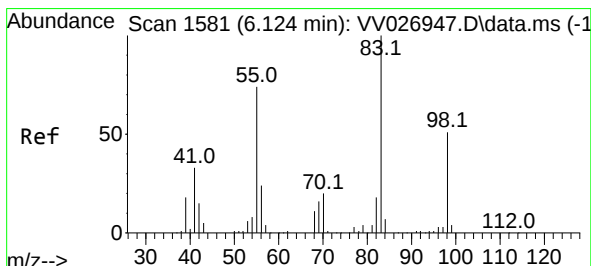
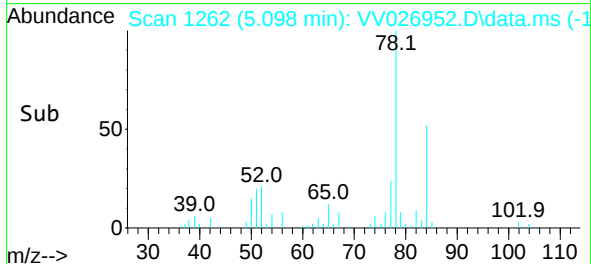
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



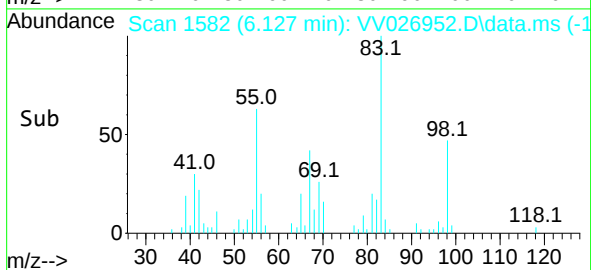
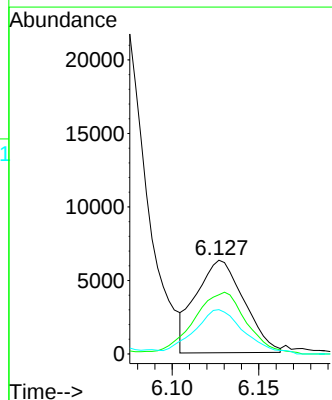
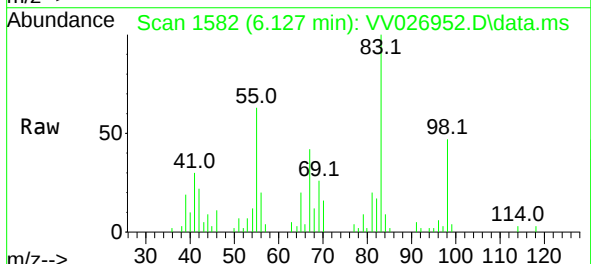
07/27/2022  
Supervised By :Mahesh  
Dadoda

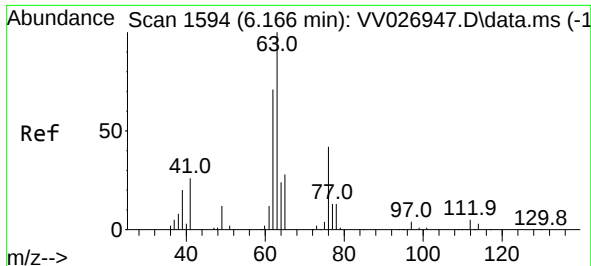
07/28/2022



#35  
Methylcyclohexane  
Concen: 1.921 ug/L  
RT: 6.127 min Scan# 1582  
Delta R.T. 0.003 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Tgt Ion: 83 Resp: 12143  
Ion Ratio Lower Upper  
83 100  
55 72.8 57.4 86.2  
98 49.7 39.4 59.0





#37

1,2-Dichloropropane

Concen: 2.294 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

Instrument :

MSVOA\_V

ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion: 63 Resp: 991

Ion Ratio Lower Upper

63 100

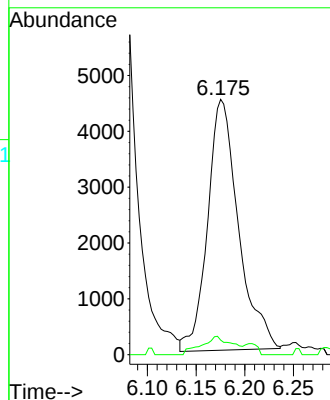
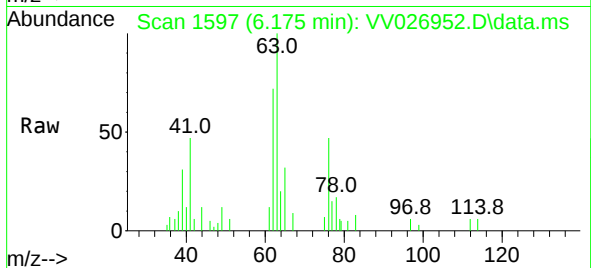
112 7.2 3.8 5.8

Manual Integrations

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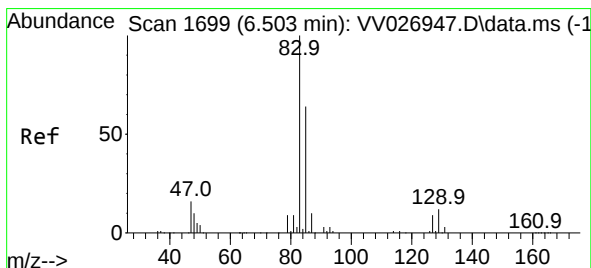
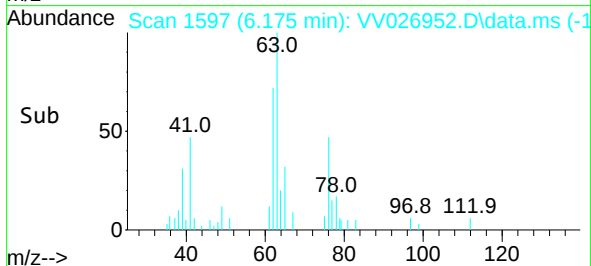


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#38

Bromodichloromethane

Concen: 2.127 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.010 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

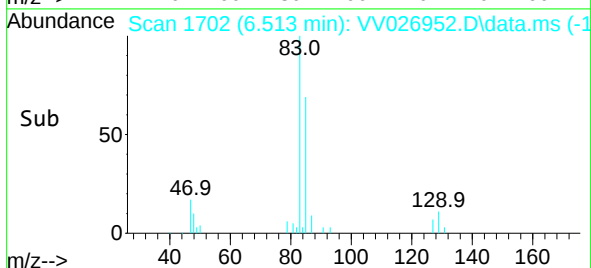
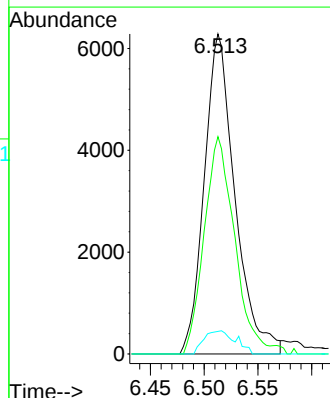
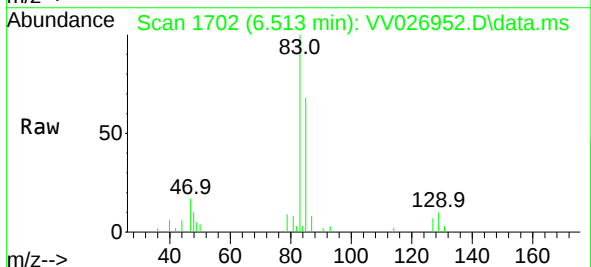
Tgt Ion: 83 Resp: 12467

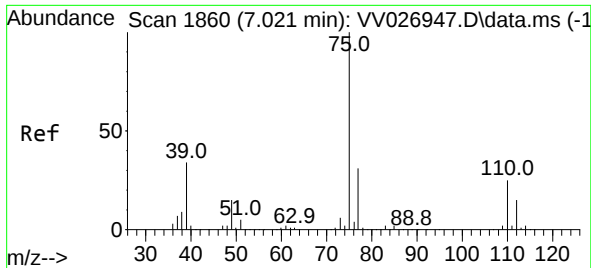
Ion Ratio Lower Upper

83 100

85 67.9 45.1 83.9

127 7.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 2.168 ug/L

RT: 7.034 min Scan# 1860

Delta R.T. 0.013 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

Instrument :

MSVOA\_V

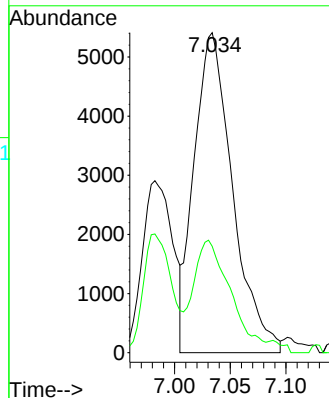
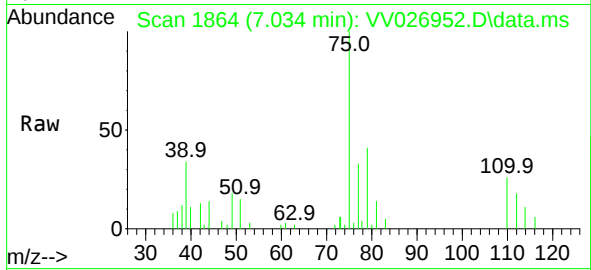
ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion: 75 Resp: 1301  
 Ion Ratio Lower Upper  
 75 100  
 77 33.2 22.4 41.6

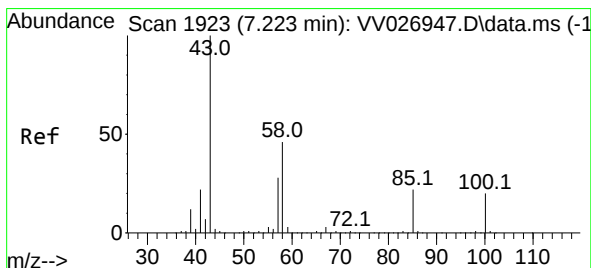
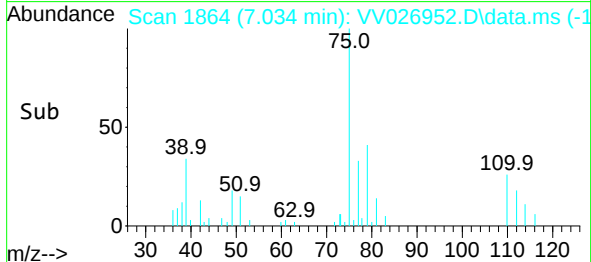
Manual Integrations  
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 Patel



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#40

4-Methyl-2-pentanone

Concen: 3.711 ug/L

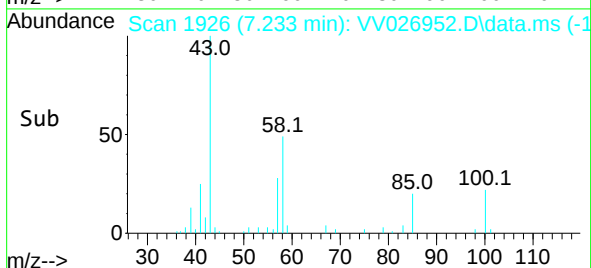
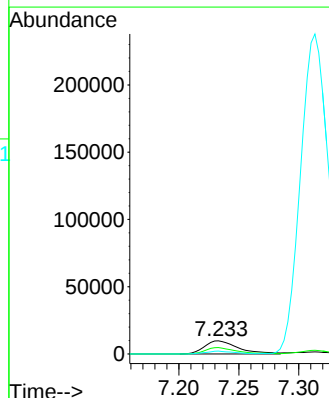
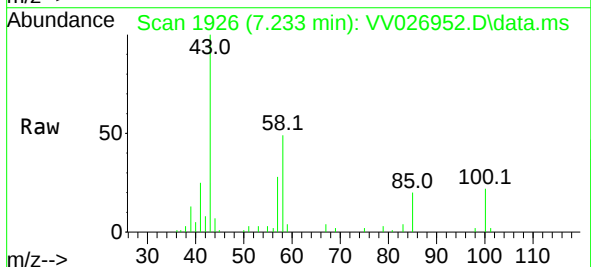
RT: 7.233 min Scan# 1926

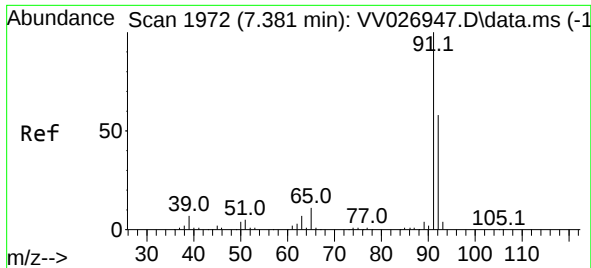
Delta R.T. 0.010 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

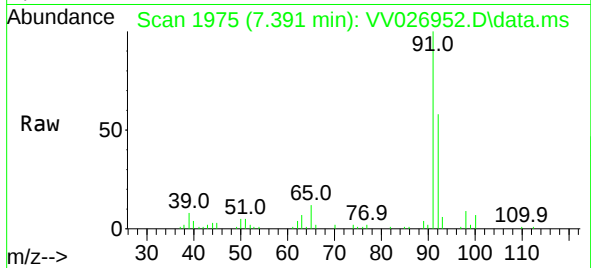
Tgt Ion: 43 Resp: 19094  
 Ion Ratio Lower Upper  
 43 100  
 58 42.4 35.0 52.6  
 100 18.4 15.4 23.0





#42  
Toluene  
Concen: 2.090 ug/L  
RT: 7.391 min Scan# 1972  
Delta R.T. 0.010 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

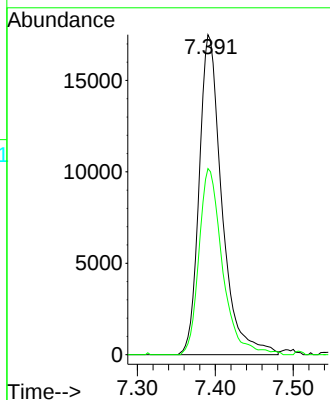
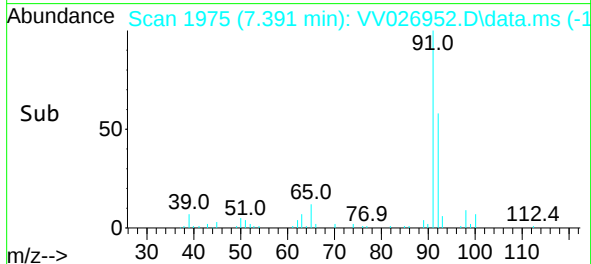
Instrument : MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04



Tgt Ion: 91 Resp: 35449  
Ion Ratio Lower Upper  
91 100  
92 58.2 40.5 75.1

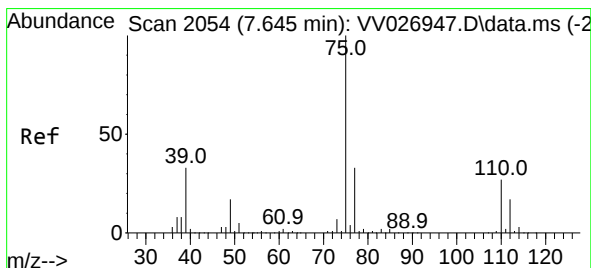
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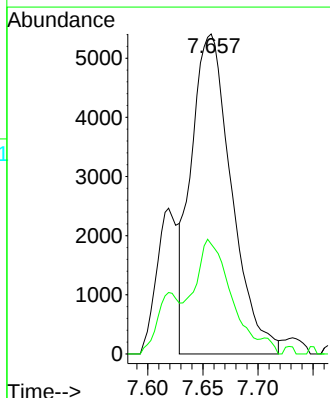
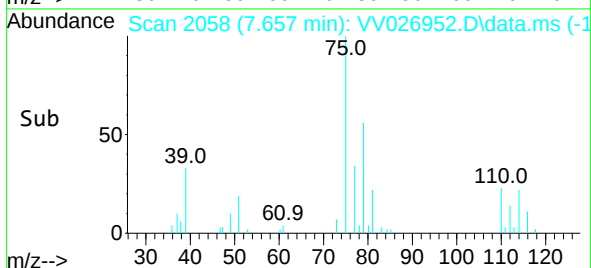
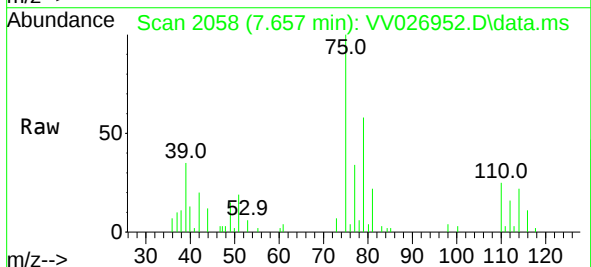
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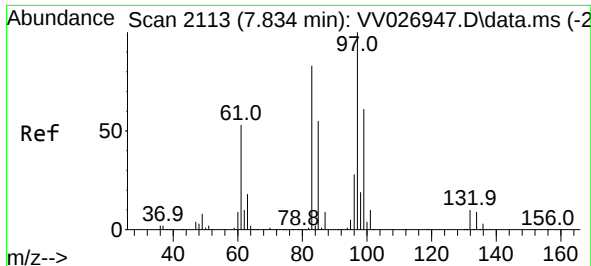
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#44  
trans-1,3-Dichloropropene  
Concen: 2.320 ug/L m  
RT: 7.657 min Scan# 2058  
Delta R.T. 0.013 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

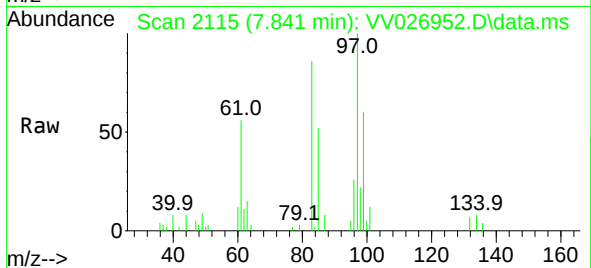
Tgt Ion: 75 Resp: 13732  
Ion Ratio Lower Upper  
75 100  
77 34.3 21.3 39.6





#45  
1,1,2-Trichloroethane  
Concen: 2.408 ug/L  
RT: 7.841 min Scan# 2113  
Delta R.T. 0.006 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Instrument : MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04

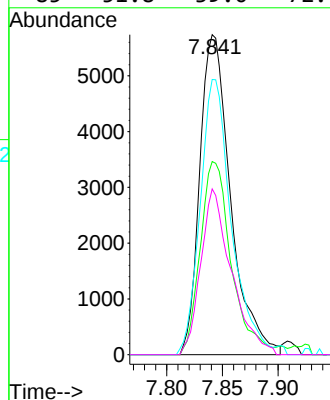


Tgt Ion: 97 Resp: 11089

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 60.4  | 44.0  | 81.8  |
| 83  | 86.0  | 59.9  | 111.3 |
| 85  | 51.8  | 39.0  | 72.4  |

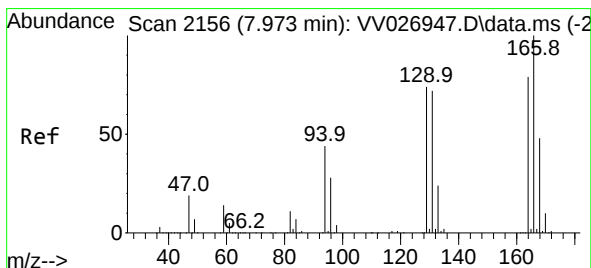
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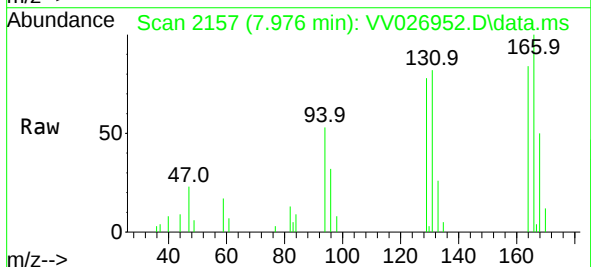


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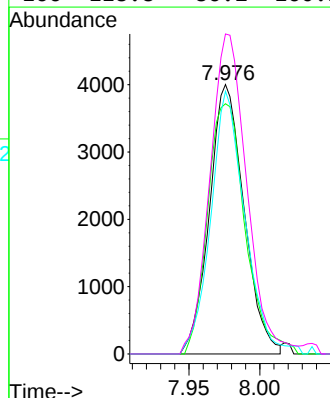
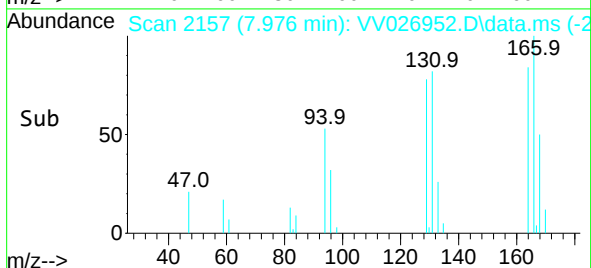


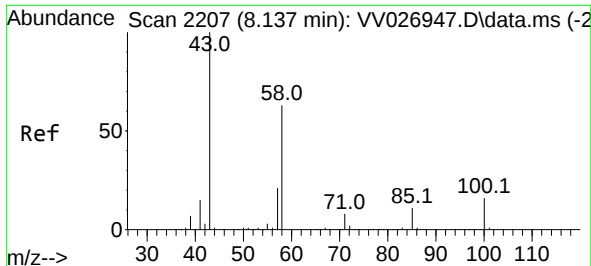
#46  
Tetrachloroethene  
Concen: 2.045 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. 0.003 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18



Tgt Ion:164 Resp: 6811

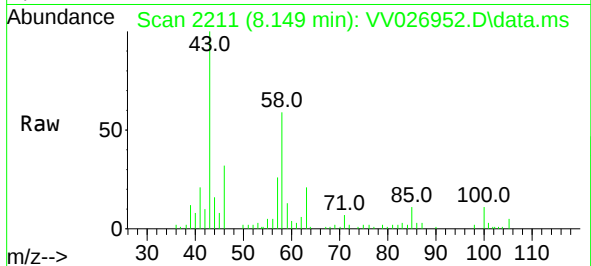
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 92.9  | 66.3  | 123.1 |
| 131 | 97.5  | 63.1  | 117.3 |
| 166 | 118.8 | 86.2  | 160.2 |





#48  
2-Hexanone  
Concen: 6.690 ug/L m  
RT: 8.149 min Scan# 2111  
Delta R.T. 0.013 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

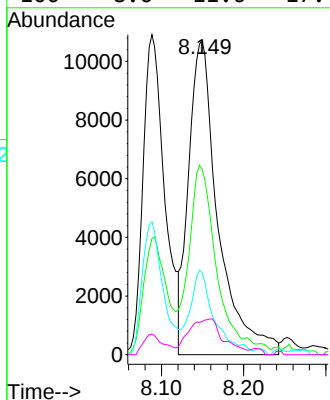
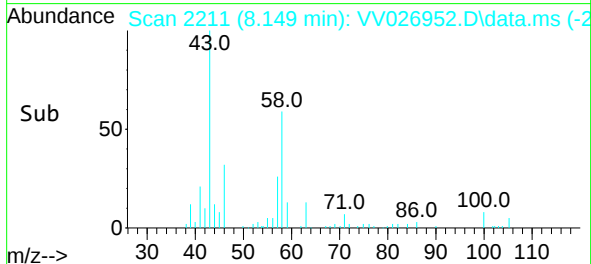
Instrument : MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04



Tgt Ion: 43 Resp: 26792  
Ion Ratio Lower Upper  
43 100  
58 47.3 48.8 73.2  
57 17.7 16.6 24.8  
100 8.6 11.6 17.4#

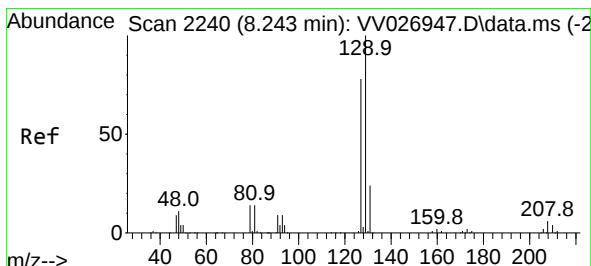
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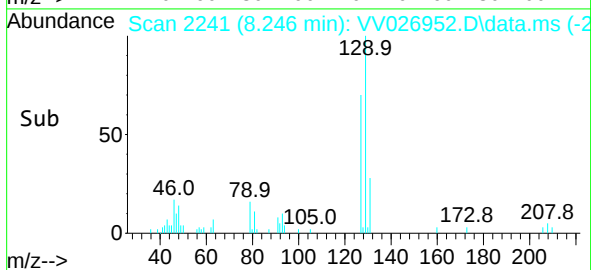
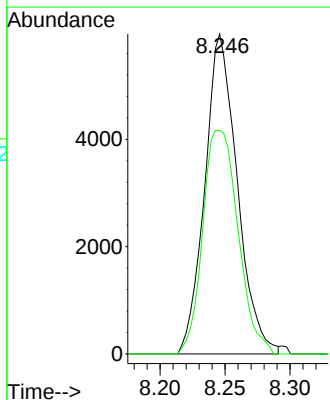
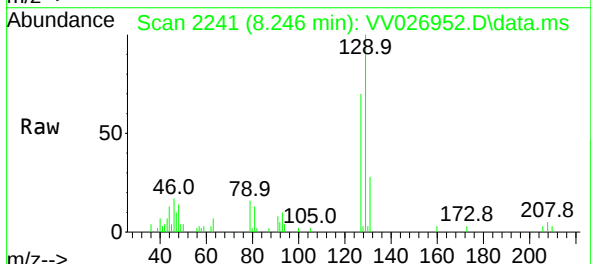
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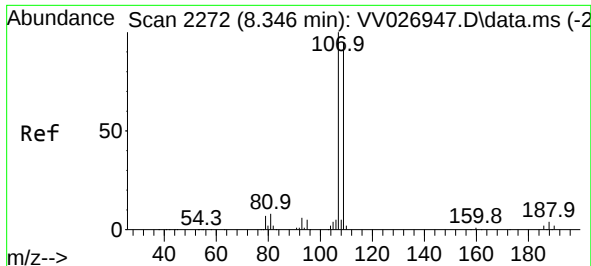
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#49  
Dibromochloromethane  
Concen: 2.152 ug/L  
RT: 8.246 min Scan# 2241  
Delta R.T. 0.003 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Tgt Ion:129 Resp: 10355  
Ion Ratio Lower Upper  
129 100  
127 69.8 53.7 99.7





#50

1,2-Dibromoethane

Concen: 2.254 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV026952.D

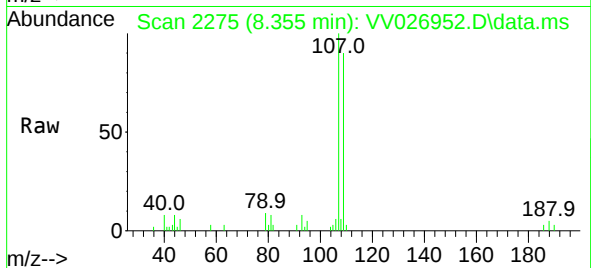
Acq: 26 Jul 2022 15:18

Instrument :

MSVOA\_V

ClientSampleId :

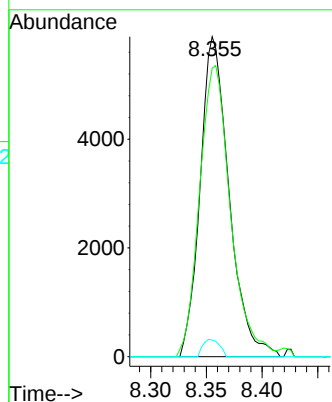
MDL-WATER-QT2-2022-04



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 1062  |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 109       | 90.2  | 64.9  | 120.5 |
| 188       | 5.2   | 2.6   | 3.8   |

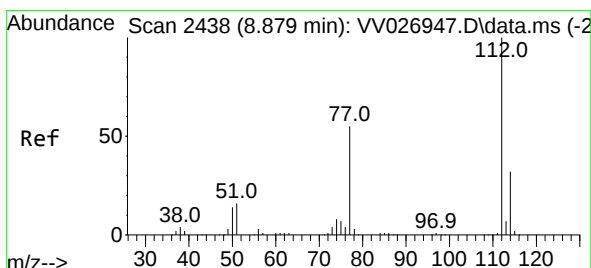
Manual Integrations  
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#51

Chlorobenzene

Concen: 2.135 ug/L

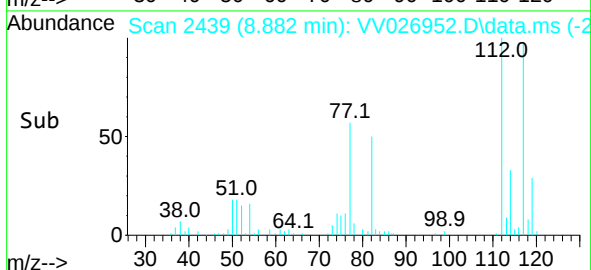
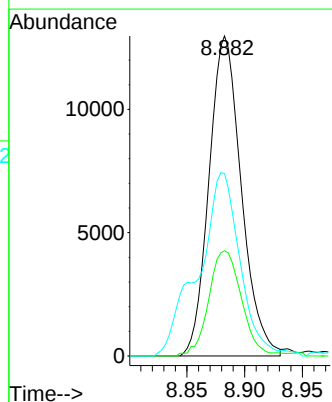
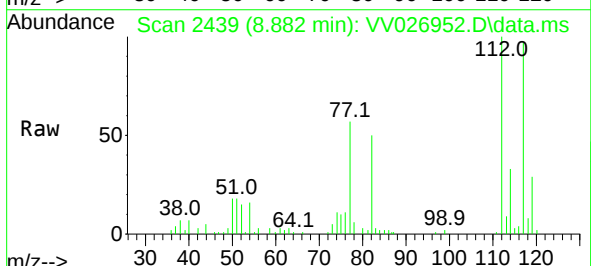
RT: 8.882 min Scan# 2439

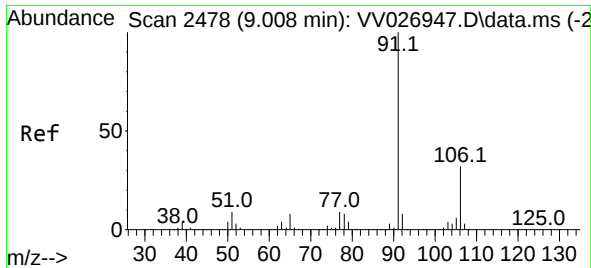
Delta R.T. 0.003 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 112   | Resp: | 25232 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 114       | 32.9  | 22.7  | 42.1  |
| 77        | 57.0  | 44.4  | 66.6  |





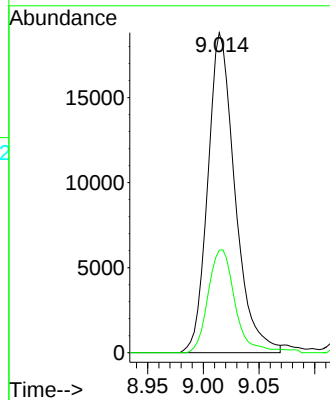
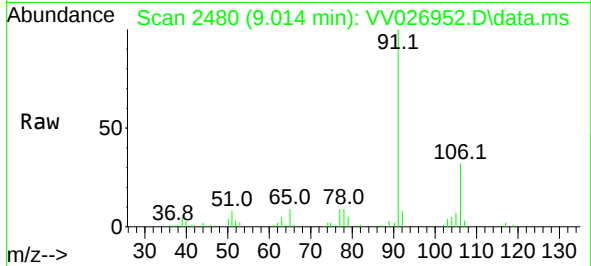
#52  
Ethylbenzene  
Concen: 1.818 ug/L  
RT: 9.014 min Scan# 2478  
Delta R.T. 0.006 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Instrument : MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04

Tgt Ion: 91 Resp: 3200  
Ion Ratio Lower Upper  
91 100  
106 32.0 22.0 40.8

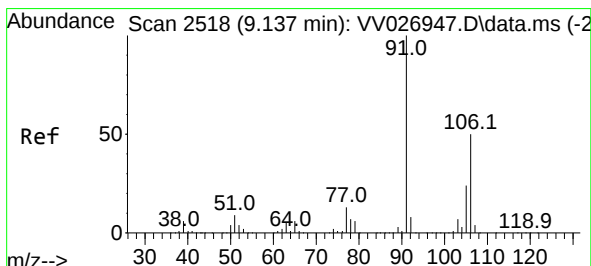
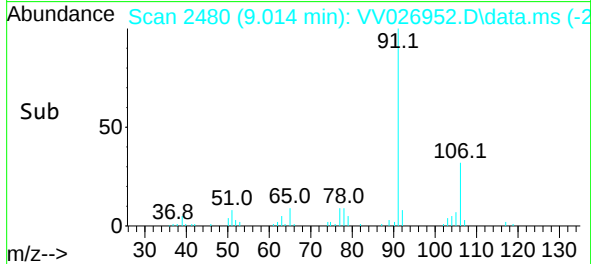
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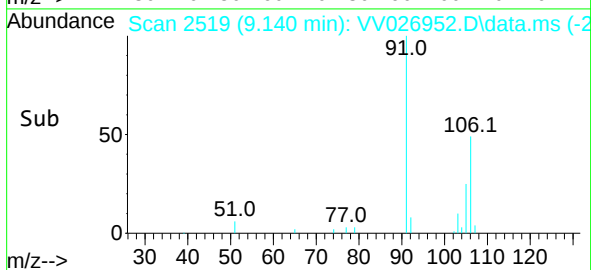
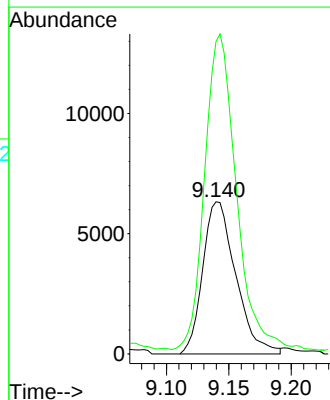
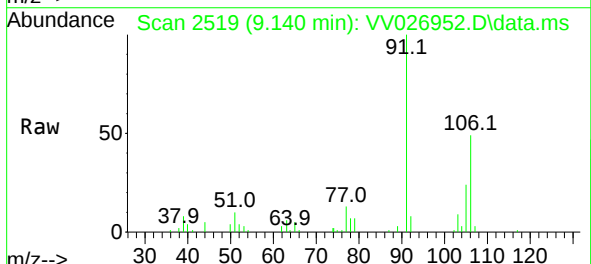
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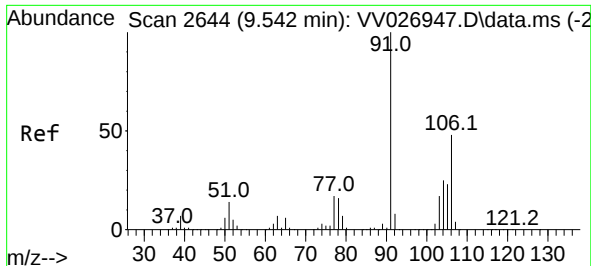
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#53  
m,p-Xylene  
Concen: 1.693 ug/L  
RT: 9.140 min Scan# 2519  
Delta R.T. 0.003 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Tgt Ion:106 Resp: 11665  
Ion Ratio Lower Upper  
106 100  
91 205.4 140.0 260.0





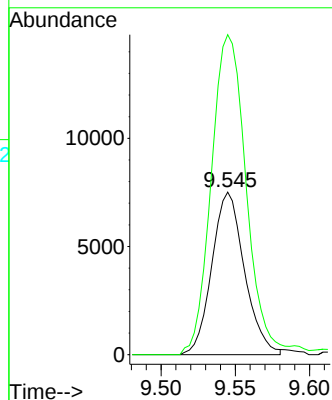
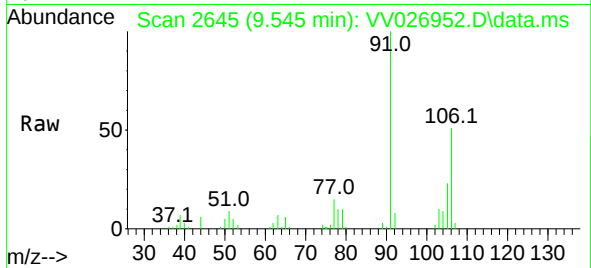
#54  
o-Xylene  
Concen: 1.729 ug/L  
RT: 9.545 min Scan# 2645  
Delta R.T. 0.003 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Instrument : MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04

Tgt Ion:106 Resp: 11479  
Ion Ratio Lower Upper  
106 100  
91 196.9 146.1 271.3

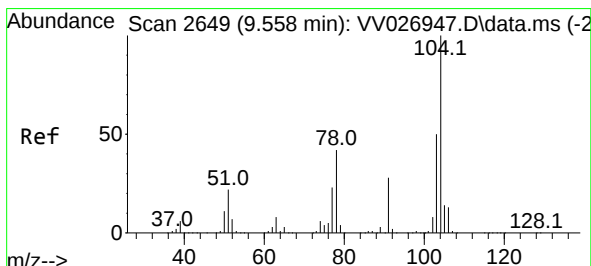
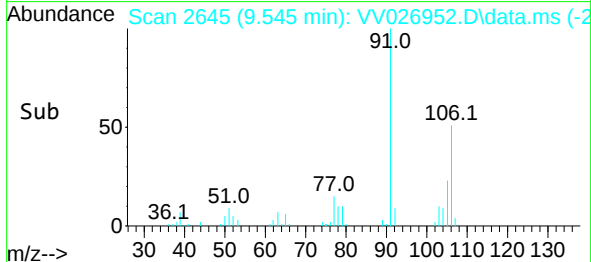
Manual Integrations  
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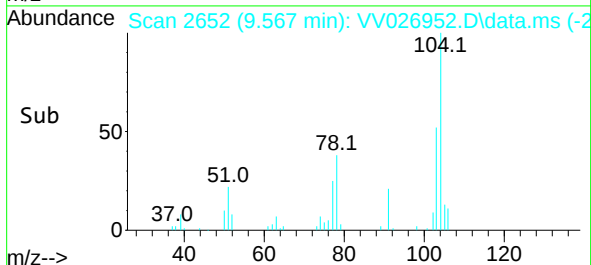
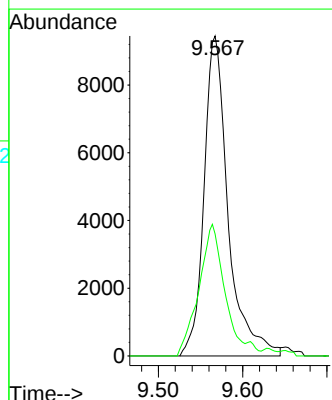
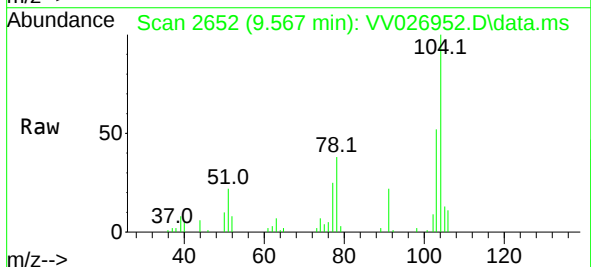
07/27/2022  
Supervised By :Mahesh  
Dadoda

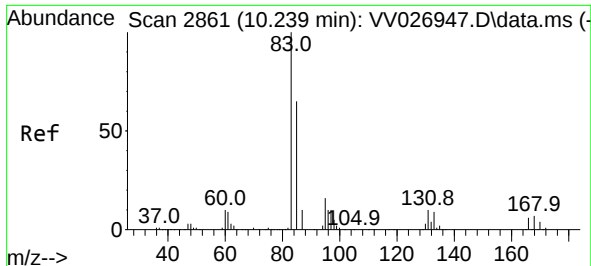
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#55  
Styrene  
Concen: 1.605 ug/L  
RT: 9.567 min Scan# 2652  
Delta R.T. 0.010 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Tgt Ion:104 Resp: 18810  
Ion Ratio Lower Upper  
104 100  
78 38.2 29.6 55.0





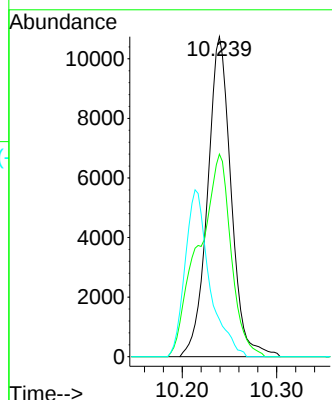
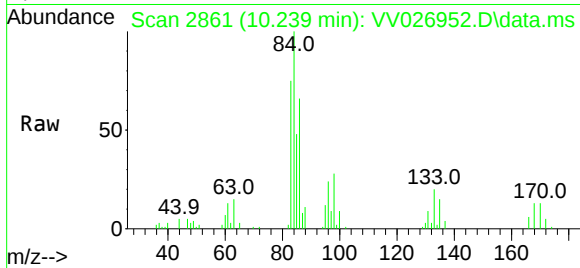
#57  
1,1,2,2-Tetrachloroethane  
Concen: 2.500 ug/L  
RT: 10.239 min Scan# 2861  
Delta R.T. -0.000 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

Instrument : MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04

Tgt Ion: 83 Resp: 1858  
Ion Ratio Lower Upper  
83 100  
85 63.3 45.3 84.1  
131 11.6 7.8 11.6

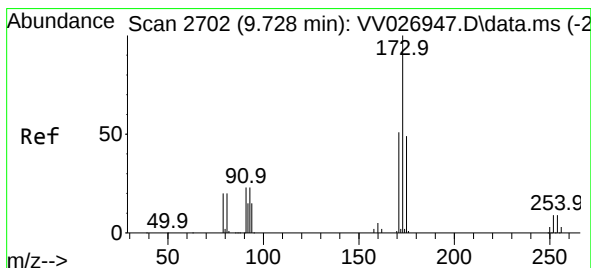
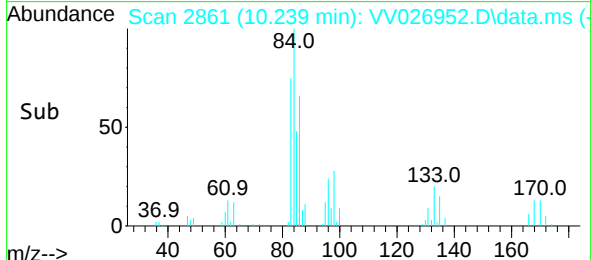
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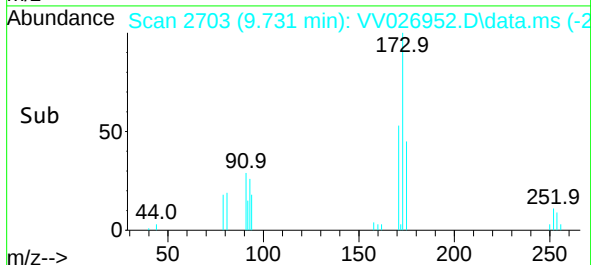
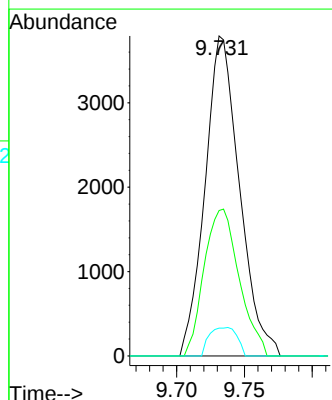
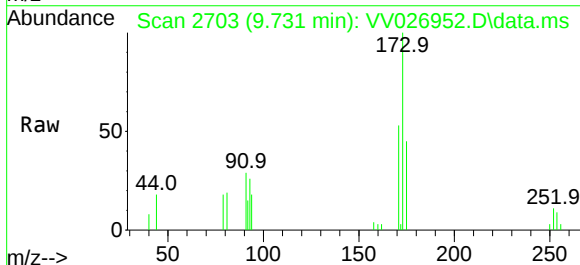
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Supervised By :Mahesh  
Dadoda

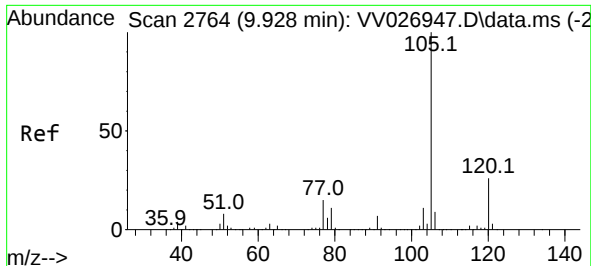
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#59  
Bromoform  
Concen: 2.564 ug/L  
RT: 9.731 min Scan# 2703  
Delta R.T. 0.003 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

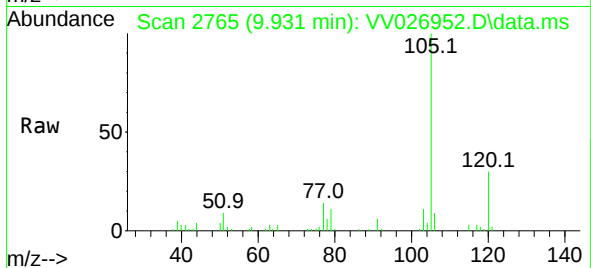
Tgt Ion:173 Resp: 6700  
Ion Ratio Lower Upper  
173 100  
175 46.6 38.6 57.8  
254 7.1 6.6 10.0





#60  
Isopropylbenzene  
Concen: 1.953 ug/L  
RT: 9.931 min Scan# 2765  
Delta R.T. 0.003 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

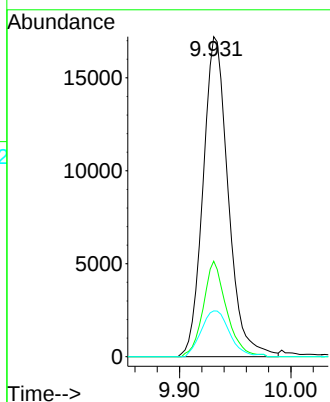
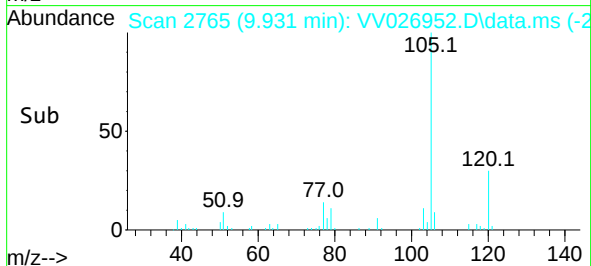
Instrument : MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04



Tgt Ion:105 Resp: 2700  
Ion Ratio Lower Upper  
105 100  
120 27.5 21.1 31.7  
77 16.0 11.9 17.9

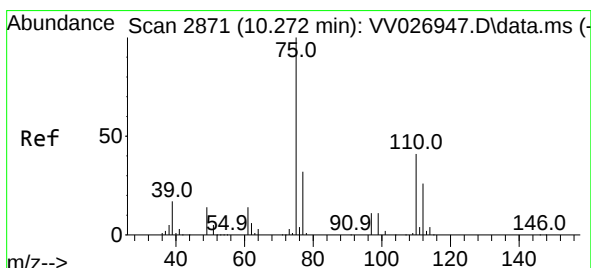
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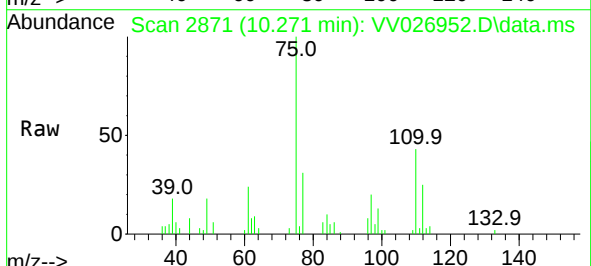


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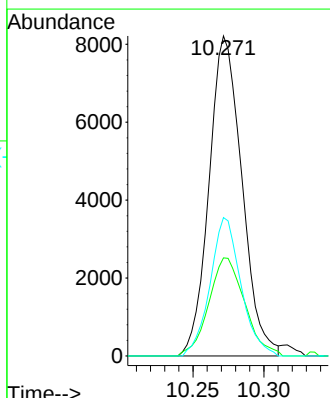
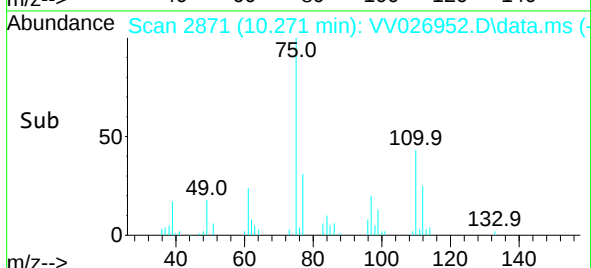
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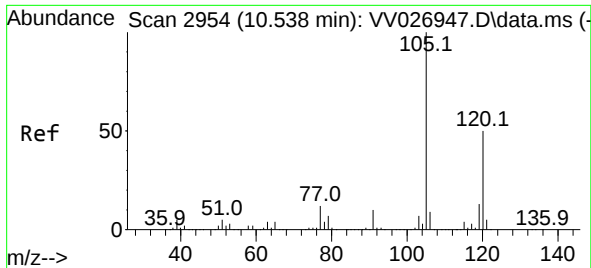


#61  
1,2,3-Trichloropropane  
Concen: 2.824 ug/L  
RT: 10.271 min Scan# 2871  
Delta R.T. -0.000 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18



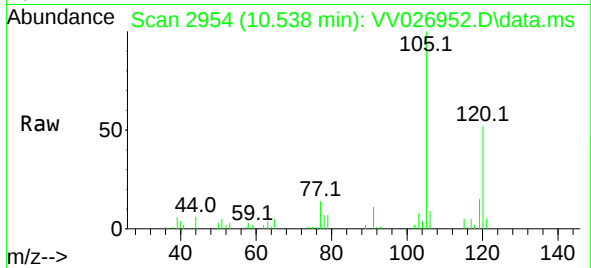
Tgt Ion: 75 Resp: 13254  
Ion Ratio Lower Upper  
75 100  
77 33.5 25.6 38.4  
110 40.5 31.7 47.5





#62  
1,3,5-Trimethylbenzene  
Concen: 1.916 ug/L  
RT: 10.538 min Scan# 2954  
Delta R.T. -0.000 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

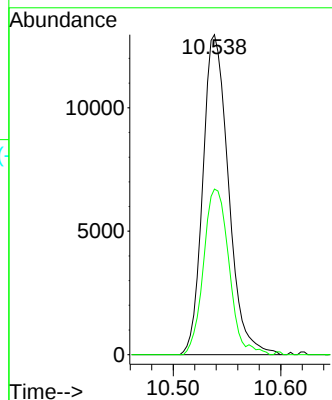
Instrument : MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04



Tgt Ion:105 Resp: 21528  
Ion Ratio Lower Upper  
105 100  
120 50.2 39.8 59.6

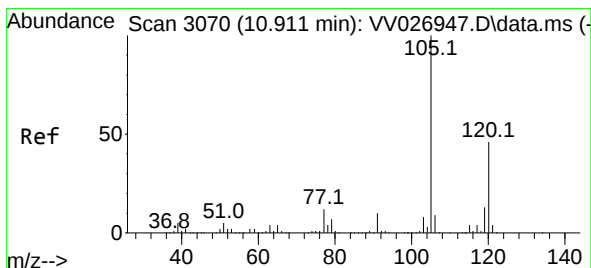
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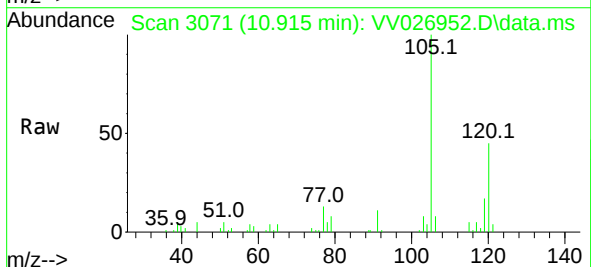


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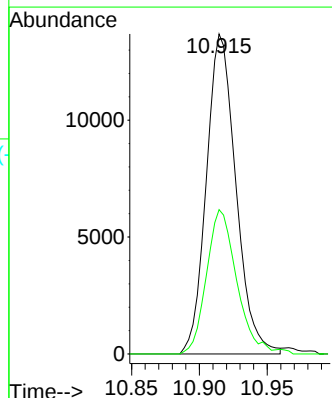
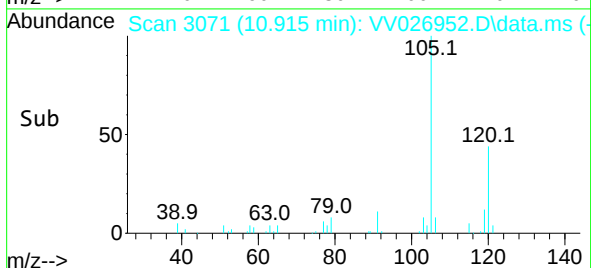
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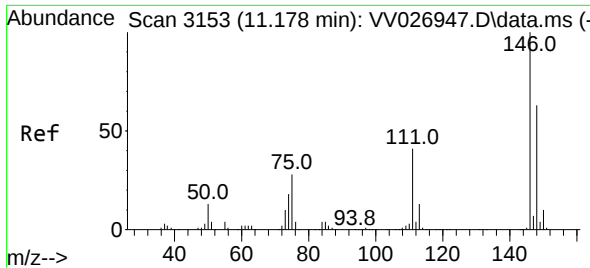


#63  
1,2,4-Trimethylbenzene  
Concen: 1.841 ug/L  
RT: 10.915 min Scan# 3071  
Delta R.T. 0.003 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18



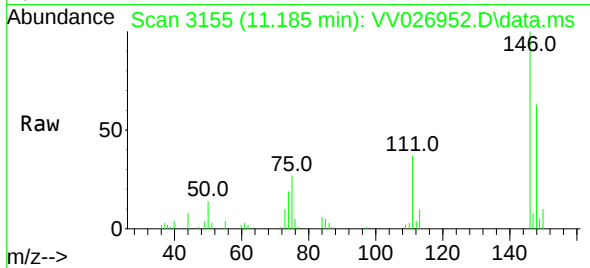
Tgt Ion:105 Resp: 20739  
Ion Ratio Lower Upper  
105 100  
120 45.8 37.1 55.7





#64  
1,3-Dichlorobenzene  
Concen: 2.195 ug/L  
RT: 11.185 min Scan# 3155  
Delta R.T. 0.006 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

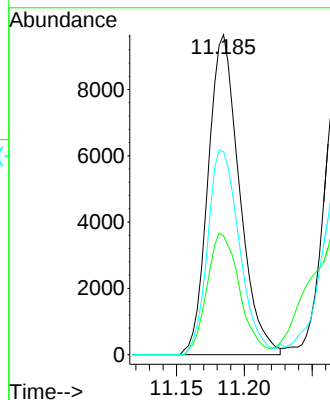
Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04



Tgt Ion:146 Resp: 15504  
Ion Ratio Lower Upper  
146 100  
111 37.1 27.9 51.9  
148 63.4 44.2 82.2

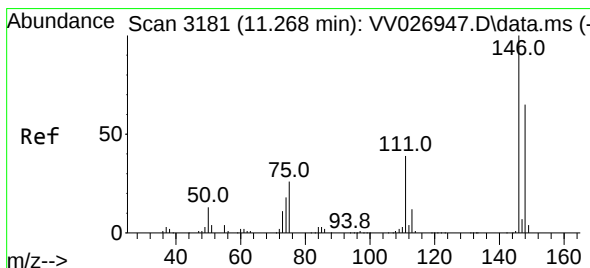
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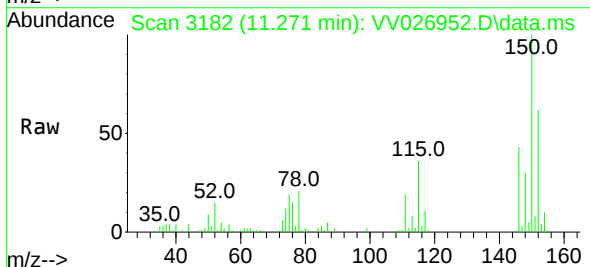


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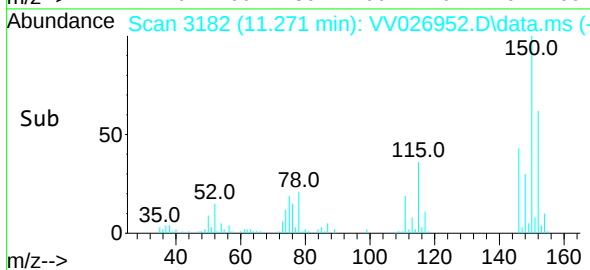
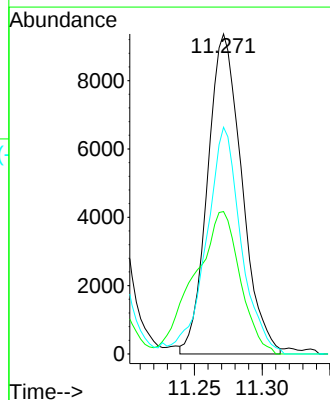
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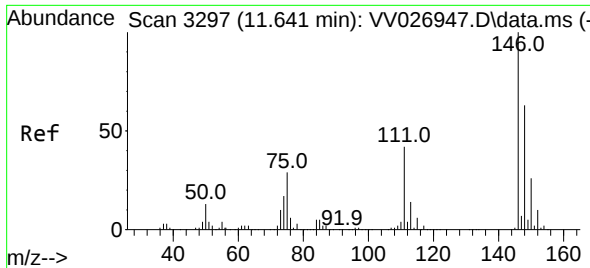


#65  
1,4-Dichlorobenzene  
Concen: 2.198 ug/L  
RT: 11.271 min Scan# 3182  
Delta R.T. 0.003 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18



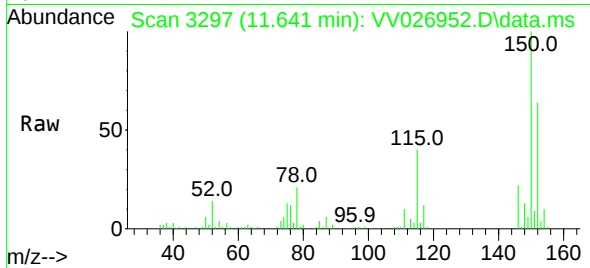
Tgt Ion:146 Resp: 16446  
Ion Ratio Lower Upper  
146 100  
111 44.5 27.4 51.0  
148 70.8 44.4 82.4





#67  
1,2-Dichlorobenzene  
Concen: 2.637 ug/L  
RT: 11.641 min Scan# 3297  
Delta R.T. -0.000 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

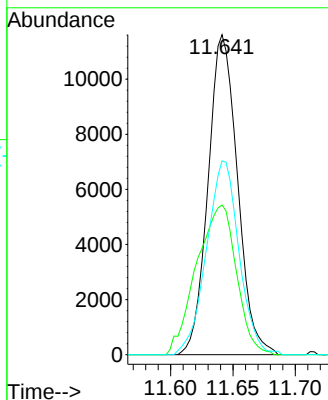
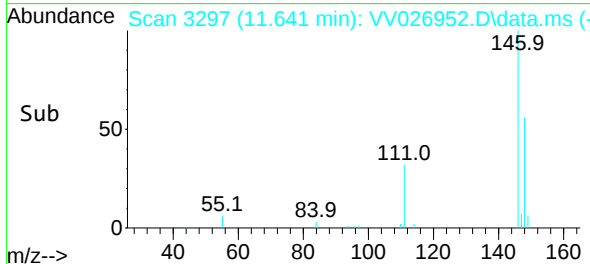
Instrument : MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04



Tgt Ion:146 Resp: 19100  
Ion Ratio Lower Upper  
146 100  
111 46.8 33.2 49.8  
148 60.5 51.4 77.2

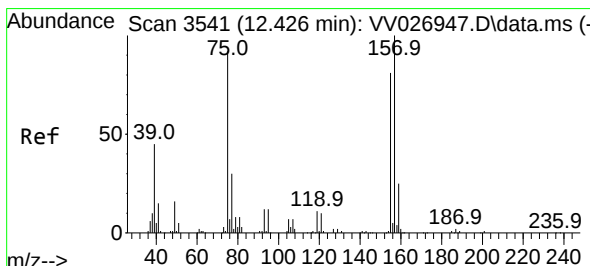
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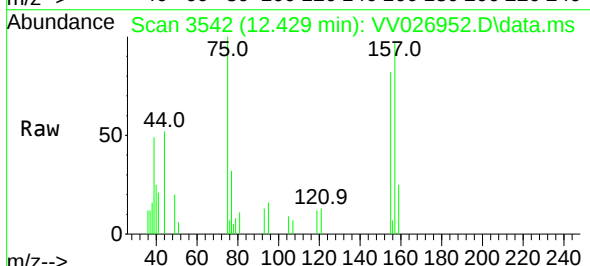


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Supervised By :Mahesh  
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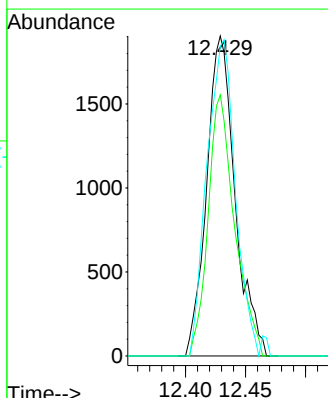
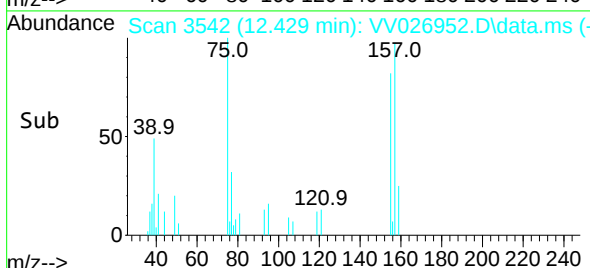
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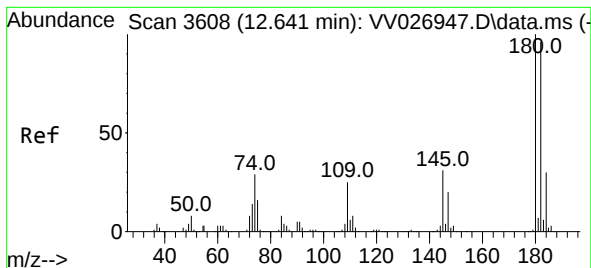


#68  
1,2-Dibromo-3-chloropropane  
Concen: 2.504 ug/L  
RT: 12.429 min Scan# 3542  
Delta R.T. 0.003 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18



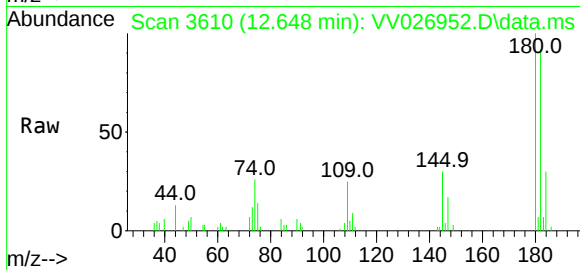
Tgt Ion: 75 Resp: 3140  
Ion Ratio Lower Upper  
75 100  
155 81.6 67.7 101.5  
157 96.7 87.1 130.7





#69  
1,3,5-Trichlorobenzene  
Concen: 2.113 ug/L  
RT: 12.648 min Scan# 301  
Delta R.T. 0.006 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

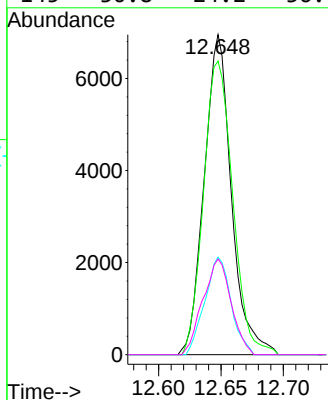
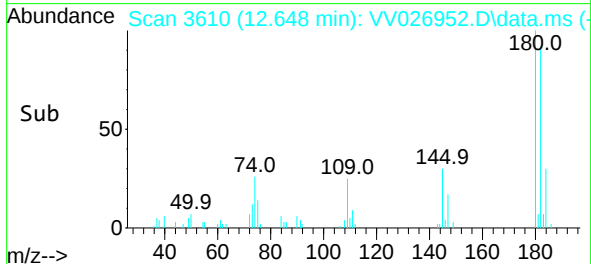
Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04



Tgt Ion:180 Resp: 1056  
Ion Ratio Lower Upper  
180 100  
182 98.3 75.6 113.4  
184 29.4 23.8 35.8  
145 30.8 24.2 36.4

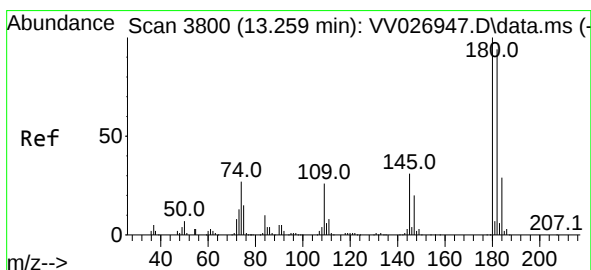
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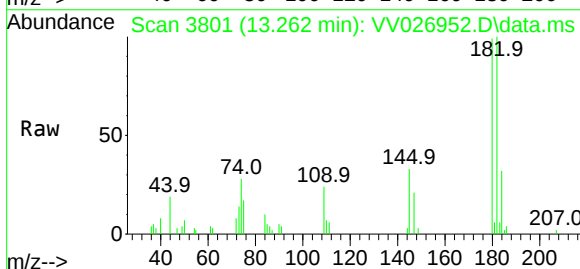


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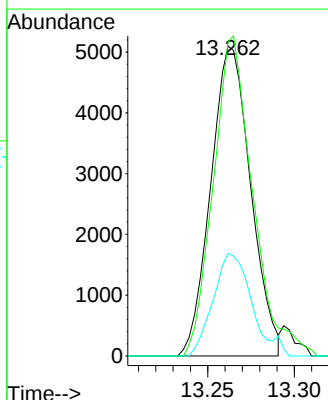
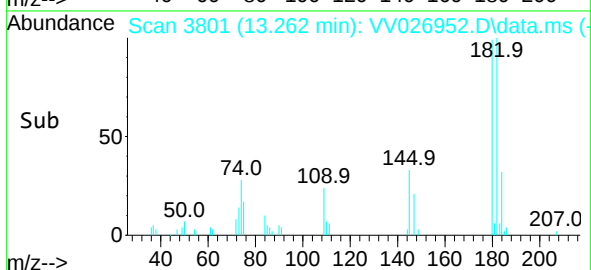
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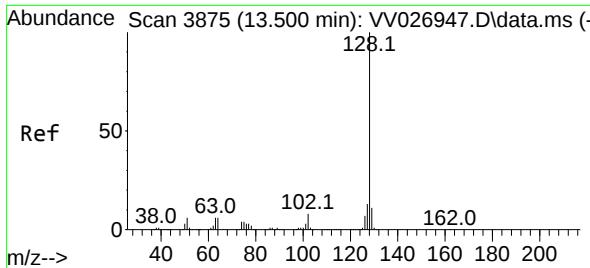


#70  
1,2,4-trichlorobenzene  
Concen: 1.937 ug/L  
RT: 13.262 min Scan# 3801  
Delta R.T. 0.003 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18



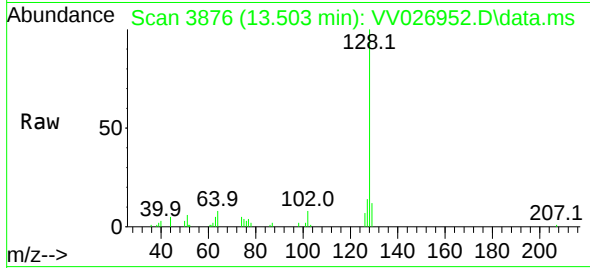
Tgt Ion:180 Resp: 8161  
Ion Ratio Lower Upper  
180 100  
182 102.0 76.2 114.4  
145 30.9 25.0 37.6





#71  
Naphthalene  
Concen: 1.765 ug/L  
RT: 13.503 min Scan# 3875  
Delta R.T. 0.003 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18

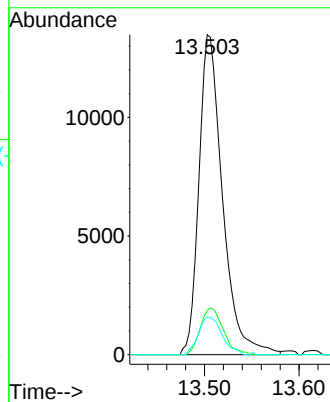
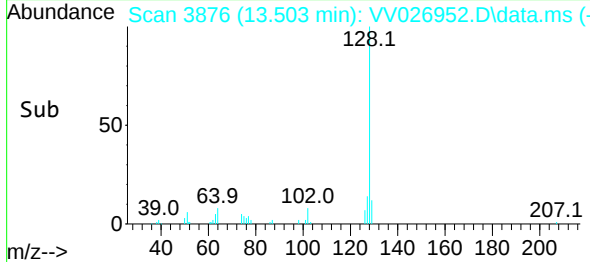
Instrument : MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2022-04



Tgt Ion:128 Resp: 23378  
Ion Ratio Lower Upper  
128 100  
127 14.2 10.4 15.6  
129 11.8 8.6 13.0

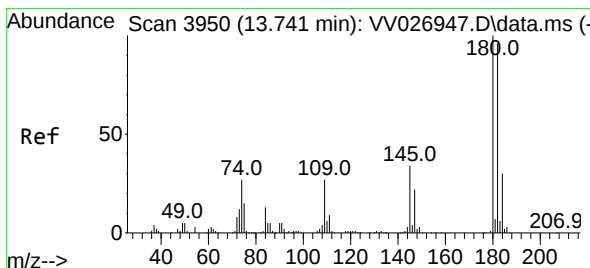
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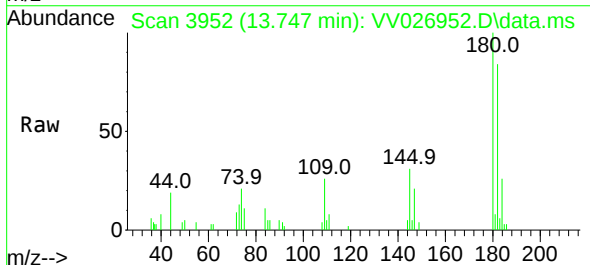


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#72  
1,2,3-Trichlorobenzene  
Concen: 1.929 ug/L  
RT: 13.747 min Scan# 3952  
Delta R.T. 0.006 min  
Lab File: VV026952.D  
Acq: 26 Jul 2022 15:18



Tgt Ion:180 Resp: 8476  
Ion Ratio Lower Upper  
180 100  
182 92.2 75.4 113.2  
145 35.7 26.6 40.0

