

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL031722\  
 Data File : VL038626.D  
 Acq On : 17 Mar 2022 14:15  
 Operator : SY/AP  
 Sample : VL0317ABS01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0317ABS01

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/19/2022  
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 18 03:31:51 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL030822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Mar 08 21:18:44 2022

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

| Compound                | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|--------|------|----------|--------|-------|----------|
| -----                   |        |      |          |        |       |          |
| Internal Standards      |        |      |          |        |       |          |
| 1) Bromochloromethane   | 5.671  | 49   | 882547   | 10.000 | ppbv  | 0.01     |
| 33) 1,4-Difluorobenzene | 7.179  | 114  | 2342832  | 10.000 | ppbv  | 0.02     |
| 55) Chlorobenzene-d5    | 12.089 | 117  | 2160706m | 10.000 | ppbv  | 0.02     |

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.413 95 1637395 9.967 ppbv 0.01  
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.700%

Target Compounds

|                               |       |     |         |        |        | Qvalue |
|-------------------------------|-------|-----|---------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 3.054 | 85  | 1154493 | 8.661  | ppbv   | 99     |
| 3) Chlorodifluoromethane      | 2.996 | 51  | 1464323 | 9.410  | ppbv   | 100    |
| 4) Chloromethane              | 3.147 | 50  | 578055  | 10.021 | ppbv   | 100    |
| 5) Vinyl Chloride             | 3.263 | 62  | 573072  | 9.897  | ppbv   | 98     |
| 6) Bromomethane               | 3.478 | 94  | 322610  | 10.380 | ppbv   | 97     |
| 7) Chloroethane               | 3.562 | 64  | 193931  | 10.344 | ppbv   | 99     |
| 8) Dichlorotetrafluoroethane  | 3.195 | 85  | 1331786 | 10.306 | ppbv   | 98     |
| 9) Propene                    | 3.015 | 41  | 517133  | 9.418  | ppbv   | 100    |
| 10) Heptane                   | 8.124 | 43  | 1348443 | 10.265 | ppbv   | 98     |
| 11) Trichlorofluoromethane    | 3.954 | 101 | 1174736 | 10.051 | ppbv   | 100    |
| 12) 1,1,2-Trichlorotrifluo... | 4.491 | 101 | 891505  | 9.811  | ppbv   | 100    |
| 13) Ethanol                   | 3.610 | 45  | 50072   | 7.938  | ppbv   | 96     |
| 14) Bromoethene               | 3.745 | 108 | 402552  | 10.397 | ppbv   | 98     |
| 15) Acetone                   | 3.851 | 43  | 724050  | 11.631 | ppbv   | 99     |
| 16) 1,3-Butadiene             | 3.333 | 39  | 519502  | 10.385 | ppbv   | 98     |
| 17) tert-Butyl alcohol        | 4.285 | 59  | 685138  | 10.130 | ppbv   | 100    |
| 18) 1,1-Dichloroethene        | 4.295 | 96  | 403775  | 9.929  | ppbv   | 98     |
| 19) Isopropyl Alcohol         | 3.967 | 45  | 425641  | 10.240 | ppbv # | 97     |
| 20) Methylene Chloride        | 4.346 | 84  | 330078  | 8.811  | ppbv   | 98     |
| 21) Allyl Chloride            | 4.417 | 41  | 580267  | 9.671  | ppbv   | 99     |
| 22) trans-1,2-Dichloroethene  | 4.890 | 96  | 433511  | 10.169 | ppbv   | 96     |
| 23) Vinyl Acetate             | 5.073 | 43  | 953750  | 10.688 | ppbv   | 99     |
| 24) 1,1-Dichloroethane        | 5.015 | 63  | 799000  | 9.845  | ppbv   | 99     |
| 25) Ethyl Acetate             | 5.681 | 43  | 2118725 | 10.106 | ppbv   | 100    |
| 26) Hexane                    | 5.690 | 57  | 994299  | 10.099 | ppbv   | 98     |
| 27) Carbon Disulfide          | 4.552 | 76  | 1007215 | 10.272 | ppbv   | 99     |
| 28) Methyl tert-Butyl Ether   | 5.038 | 73  | 786892  | 9.820  | ppbv   | 99     |
| 29) Chloroform                | 5.755 | 83  | 1547592 | 10.101 | ppbv   | 96     |
| 30) Cyclohexane               | 7.134 | 84  | 865844  | 10.169 | ppbv   | 96     |
| 31) cis-1,2-Dichloroethene    | 5.552 | 61  | 949873  | 10.086 | ppbv   | 98     |
| 32) 1,1,1-Trichloroethane     | 6.513 | 97  | 1470729 | 9.898  | ppbv   | 100    |
| 34) 2-Butanone                | 5.247 | 43  | 783327  | 12.899 | ppbv   | 100    |
| 35) Carbon Tetrachloride      | 7.021 | 117 | 1560976 | 9.768  | ppbv   | 96     |
| 36) Benzene                   | 6.893 | 78  | 2109772 | 9.979  | ppbv   | 99     |
| 37) 1,2-Dichloroethane        | 6.308 | 62  | 1031505 | 10.210 | ppbv   | 100    |
| 38) Trichloroethene           | 7.838 | 130 | 796978  | 9.437  | ppbv   | 96     |
| 39) 1,2-Dichloropropane       | 7.613 | 63  | 812444  | 9.992  | ppbv   | 99     |
| 40) 1,4-Dioxane               | 7.835 | 88  | 204120  | 10.031 | ppbv   | 99     |
| 41) Tetrahydrofuran           | 6.050 | 42  | 498529  | 10.035 | ppbv   | 99     |
| 42) Bromodichloromethane      | 7.793 | 83  | 1645108 | 10.269 | ppbv   | 99     |
| 43) Methyl Methacrylate       | 8.015 | 69  | 761416  | 10.492 | ppbv   | 97     |
| 44) 2,2,4-Trimethylpentane    | 7.870 | 57  | 3496395 | 9.781  | ppbv   | 99     |
| 45) t-1,3-Dichloropropene     | 9.282 | 75  | 622510  | 11.903 | ppbv   | 97     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL031722\  
 Data File : VL038626.D  
 Acq On : 17 Mar 2022 14:15  
 Operator : SY/AP  
 Sample : VL0317ABS01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0317ABS01

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/19/2022  
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 18 03:31:51 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL030822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Mar 08 21:18:44 2022

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 46) cis-1,3-Dichloropropene   | 8.706  | 75   | 819623   | 11.461 | ppbv   | 98       |
| 47) 1,1,2-Trichloroethane     | 9.475  | 97   | 868505   | 10.481 | ppbv   | 98       |
| 48) Dibromochloromethane      | 10.304 | 129  | 1463066  | 11.120 | ppbv   | 100      |
| 49) Bromoform                 | 13.040 | 173  | 1208404  | 11.991 | ppbv   | 98       |
| 50) 4-Methyl-2-Pentanone      | 8.745  | 43   | 1278056  | 10.267 | ppbv   | 99       |
| 51) 2-Hexanone                | 10.134 | 43   | 550374   | 10.462 | ppbv # | 100      |
| 52) Tetrachloroethene         | 11.224 | 164  | 758651   | 9.790  | ppbv   | 98       |
| 53) Toluene                   | 9.806  | 91   | 2410292  | 10.680 | ppbv   | 99       |
| 54) 1,2-Dibromoethane         | 10.613 | 107  | 1255641  | 10.604 | ppbv   | 99       |
| 56) 1,1,1,2-Tetrachloroethane | 12.127 | 131  | 957895   | 10.884 | ppbv   | 99       |
| 57) Chlorobenzene             | 12.150 | 112  | 1757730  | 10.655 | ppbv   | 99       |
| 58) Ethyl Benzene             | 12.709 | 91   | 3103966  | 11.095 | ppbv   | 100      |
| 59) m/p-Xylene                | 12.995 | 91   | 5171418m | 21.592 | ppbv   |          |
| 60) o-Xylene                  | 13.693 | 91   | 2469279  | 10.919 | ppbv   | 99       |
| 61) Styrene                   | 13.526 | 104  | 1324765  | 11.887 | ppbv   | 99       |
| 62) Isopropylbenzene          | 14.667 | 105  | 3431459  | 10.996 | ppbv   | 100      |
| 63) 1,1,2,2-Tetrachloroethane | 13.677 | 83   | 1874239  | 9.809  | ppbv   | 99       |
| 64) n-propylbenzene           | 15.561 | 120  | 921118   | 11.582 | ppbv   | 99       |
| 65) tert-Butylbenzene         | 16.744 | 119  | 3006884  | 10.775 | ppbv   | 99       |
| 66) Benzyl Chloride           | 16.986 | 91   | 211612   | 12.798 | ppbv   | 98       |
| 67) sec-Butylbenzene          | 17.291 | 105  | 4270629  | 10.767 | ppbv   | 100      |
| 69) p-Isopropyltoluene        | 17.651 | 119  | 3524423  | 10.727 | ppbv   | 99       |
| 70) n-Butylbenzene            | 18.548 | 91   | 3628908  | 10.370 | ppbv   | 100      |
| 71) 2-Chlorotoluene           | 15.452 | 91   | 2525915  | 10.902 | ppbv   | 98       |
| 72) 4-Ethyltoluene            | 15.838 | 105  | 3029808  | 11.663 | ppbv   | 99       |
| 73) 1,3,5-Trimethylbenzene    | 15.995 | 105  | 2624884  | 10.885 | ppbv   | 99       |
| 74) 1,2,4-Trimethylbenzene    | 16.761 | 105  | 2720531  | 10.560 | ppbv # | 91       |
| 75) 1,3-Dichlorobenzene       | 16.995 | 146  | 1748904  | 10.760 | ppbv   | 99       |
| 76) 1,4-Dichlorobenzene       | 17.137 | 146  | 1704401  | 10.586 | ppbv   | 100      |
| 77) 1,2-Dichlorobenzene       | 17.812 | 146  | 1684439  | 10.244 | ppbv   | 99       |
| 78) Hexachloro-1,3-Butadiene  | 23.371 | 225  | 1337650  | 8.340  | ppbv   | 100      |
| 79) Naphthalene               | 22.191 | 128  | 2546405  | 10.988 | ppbv   | 99       |
| 80) Naphthalene,2-methyl-     | 24.969 | 142  | 637346   | 15.581 | ppbv   | 99       |
| 81) 1,2,4-Trichlorobenzene    | 21.921 | 180  | 1438974  | 9.717  | ppbv   | 100      |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL031722\  
 Data File : VL038626.D  
 Acq On : 17 Mar 2022 14:15  
 Operator : SY/AP  
 Sample : VL0317ABS01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0317ABS01

### Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 03/19/2022  
 Supervised By : Mahesh Dadoda 03/21/2022

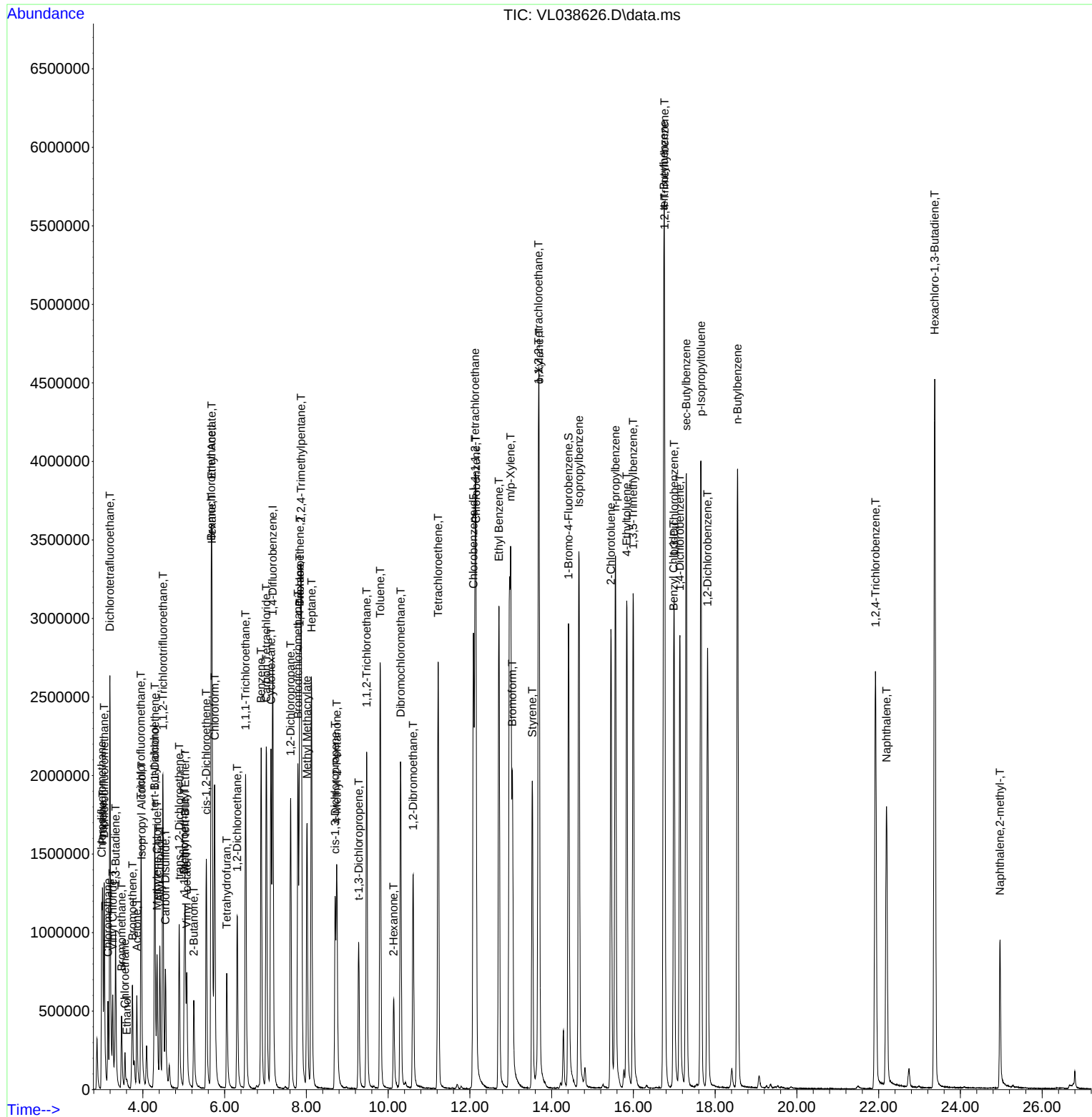
Quant Time: Mar 18 03:31:51 2022

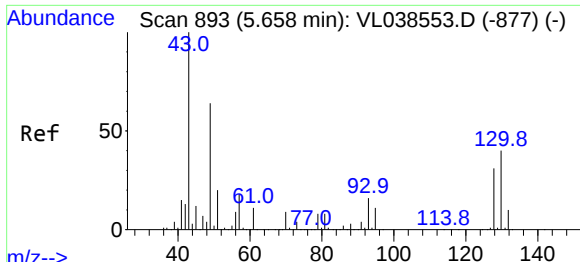
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL030822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Mar

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration





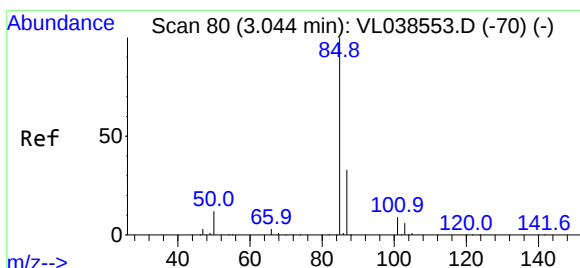
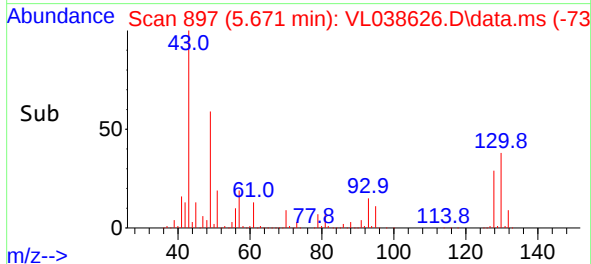
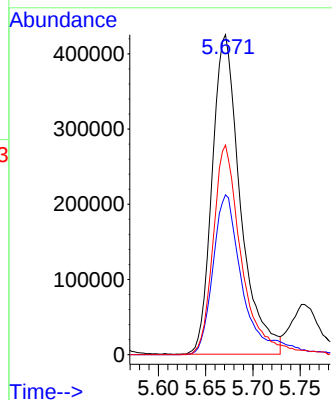
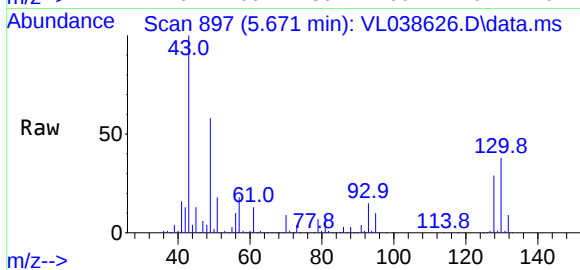
#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.671 min Scan# 89  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01

Tgt Ion: 49 Resp: 88254  
Ion Ratio Lower Upper  
49 100  
128 53.6 26.4 79.2  
130 67.1 33.0 98.9

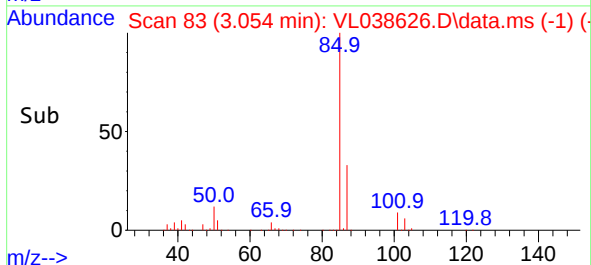
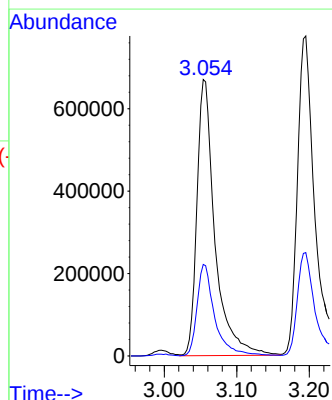
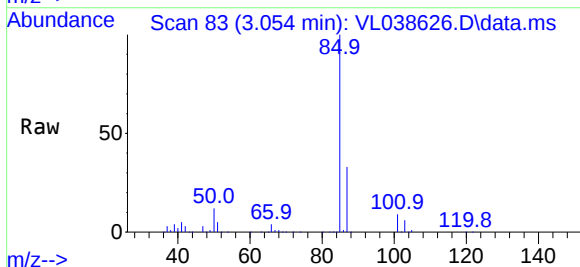
Manual Integrations  
APPROVED

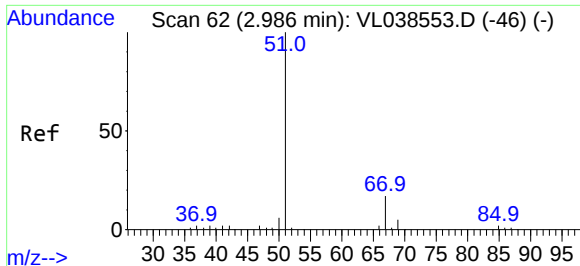
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022



#2  
Dichlorodifluoromethane  
Concen: 8.661 ppbv  
RT: 3.054 min Scan# 83  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Tgt Ion: 85 Resp: 1154493  
Ion Ratio Lower Upper  
85 100  
87 33.2 26.2 39.2





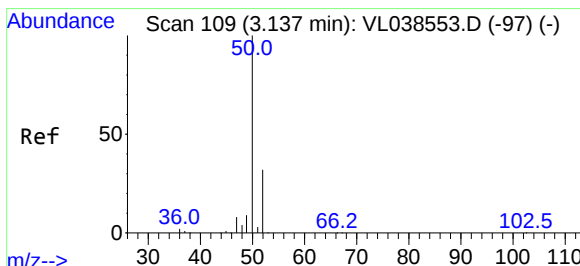
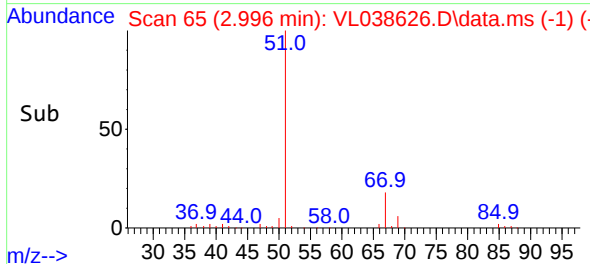
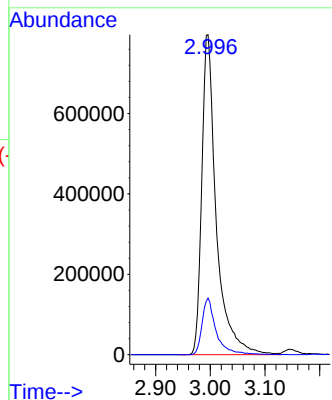
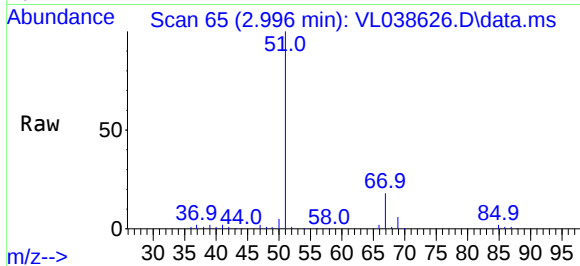
#3  
Chlorodifluoromethane  
Concen: 9.410 ppbv  
RT: 2.996 min Scan# 61  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01

Tgt Ion: 51 Resp: 146432  
Ion Ratio Lower Upper  
51 100  
67 17.2 13.6 20.4

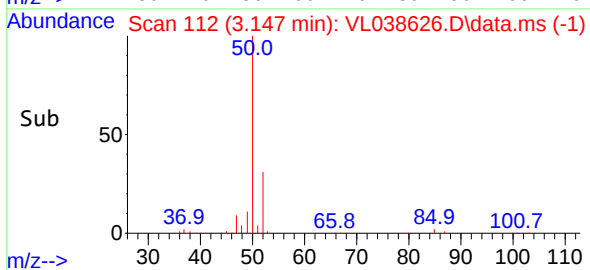
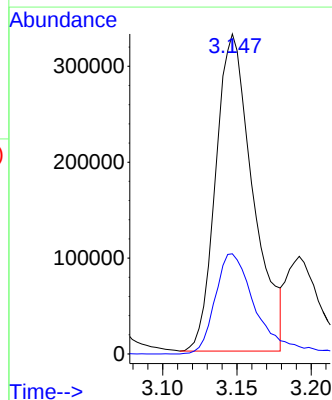
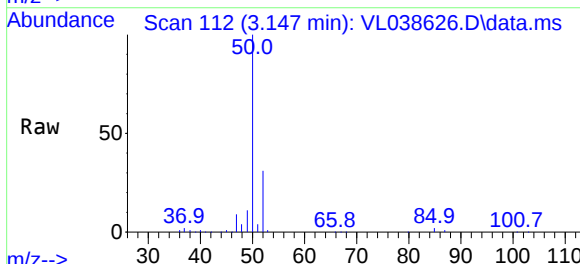
Manual Integrations  
APPROVED

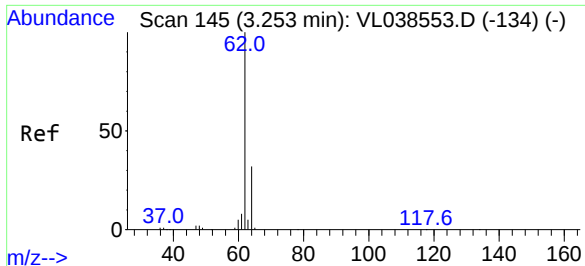
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022



#4  
Chloromethane  
Concen: 10.021 ppbv  
RT: 3.147 min Scan# 112  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

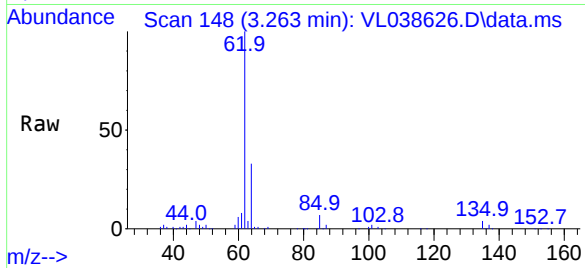
Tgt Ion: 50 Resp: 578055  
Ion Ratio Lower Upper  
50 100  
52 31.9 25.6 38.4





#5  
 Vinyl Chloride  
 Concen: 9.897 ppbv  
 RT: 3.263 min Scan# 145  
 Delta R.T. 0.010 min  
 Lab File: VL038626.D  
 Acq: 17 Mar 2022 14:15

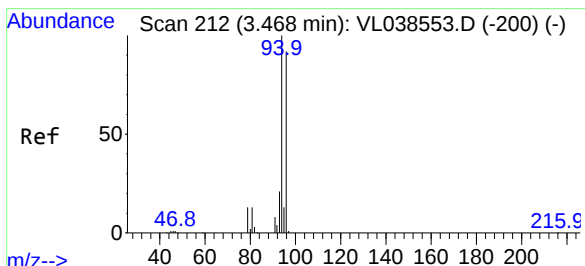
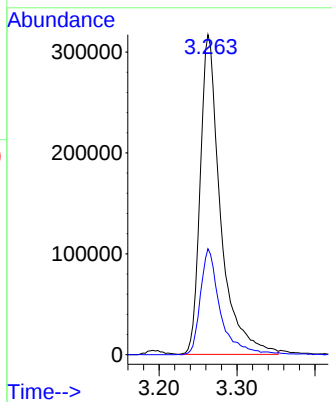
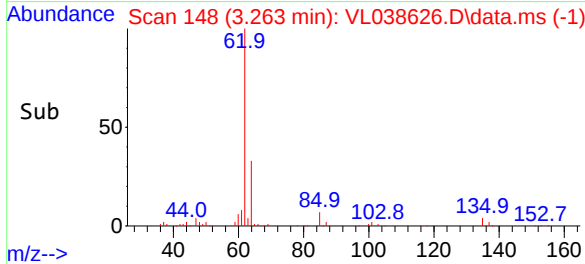
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0317ABS01



Tgt Ion: 62 Resp: 573072  
 Ion Ratio Lower Upper  
 62 100  
 64 33.1 25.8 38.6

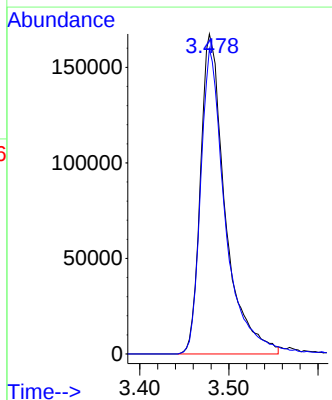
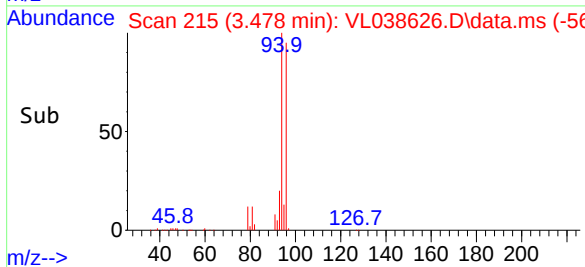
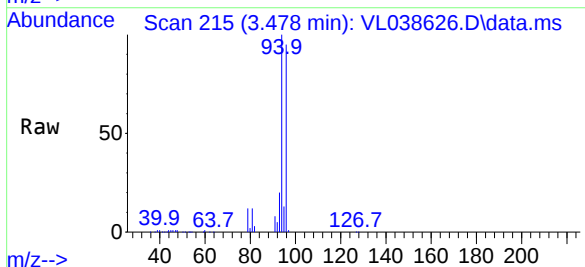
Manual Integrations  
 APPROVED

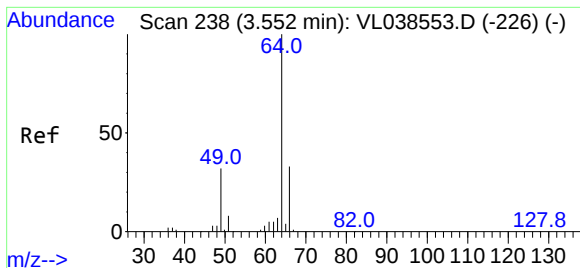
Reviewed By :Semsettin Yesilyurt 03/19/2022  
 Supervised By :Mahesh Dadoda 03/21/2022



#6  
 Bromomethane  
 Concen: 10.380 ppbv  
 RT: 3.478 min Scan# 215  
 Delta R.T. 0.010 min  
 Lab File: VL038626.D  
 Acq: 17 Mar 2022 14:15

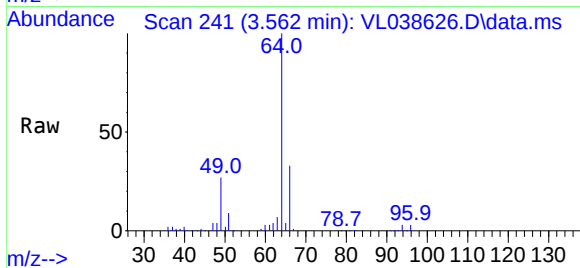
Tgt Ion: 94 Resp: 322610  
 Ion Ratio Lower Upper  
 94 100  
 96 95.4 73.7 110.5





#7  
Chloroethane  
Concen: 10.344 ppbv  
RT: 3.562 min Scan# 241  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

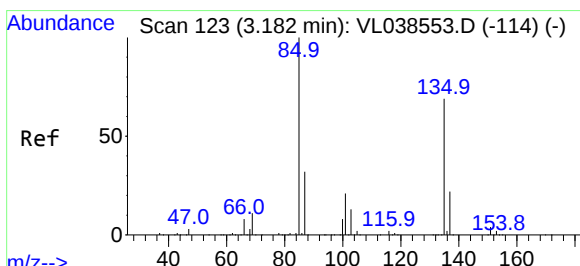
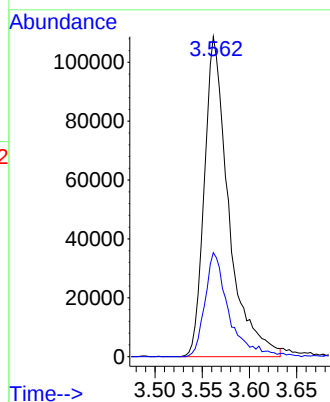
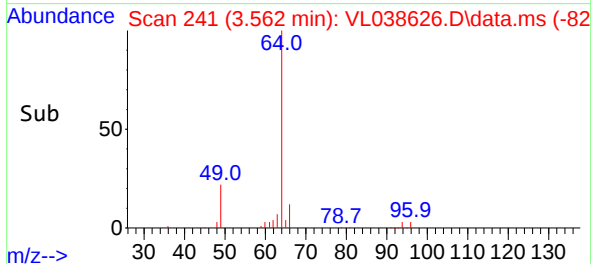
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01



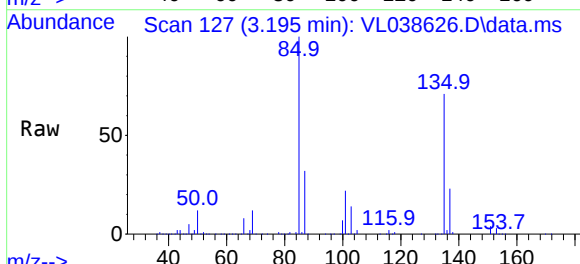
Tgt Ion: 64 Resp: 19393  
Ion Ratio Lower Upper  
64 100  
66 32.5 26.6 39.8

Manual Integrations  
APPROVED

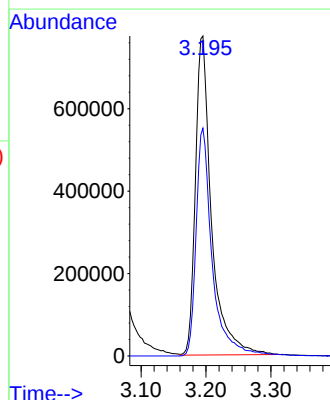
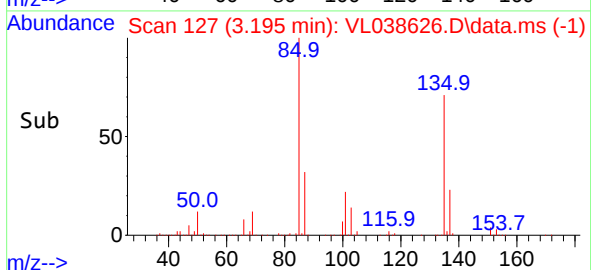
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022

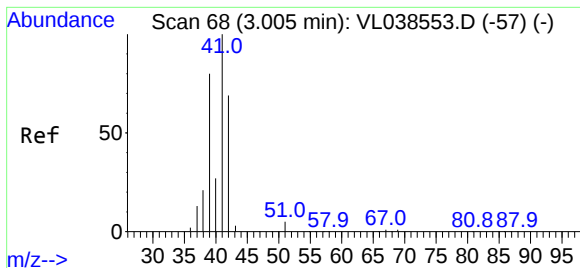


#8  
Dichlorotetrafluoroethane  
Concen: 10.306 ppbv  
RT: 3.195 min Scan# 127  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15



Tgt Ion: 85 Resp: 1331786  
Ion Ratio Lower Upper  
85 100  
135 72.1 59.0 88.4





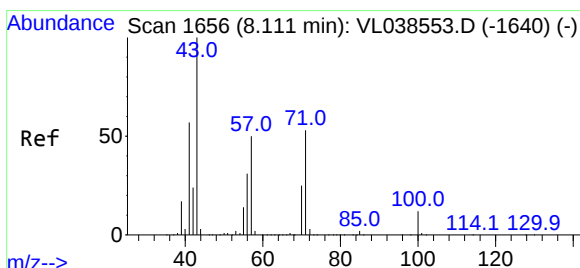
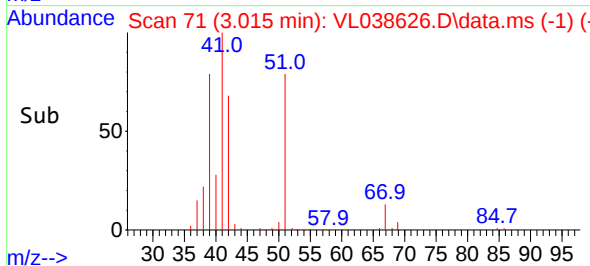
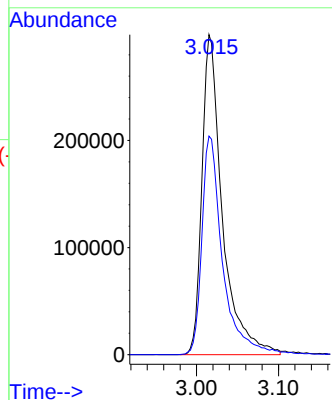
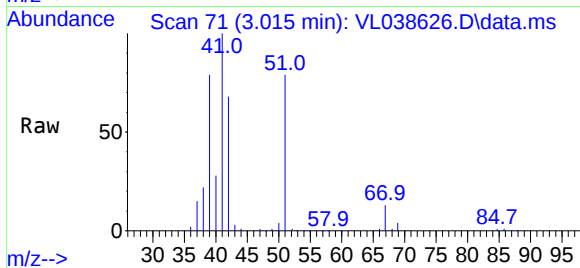
#9  
 Propene  
 Concen: 9.418 ppbv  
 RT: 3.015 min Scan# 71  
 Delta R.T. 0.010 min  
 Lab File: VL038626.D  
 Acq: 17 Mar 2022 14:15

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0317ABS01

Tgt Ion: 41 Resp: 51713  
 Ion Ratio Lower Upper  
 41 100  
 42 69.6 55.7 83.5

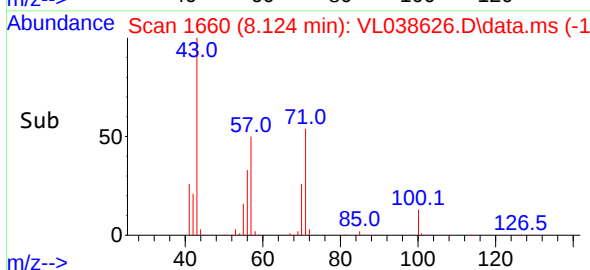
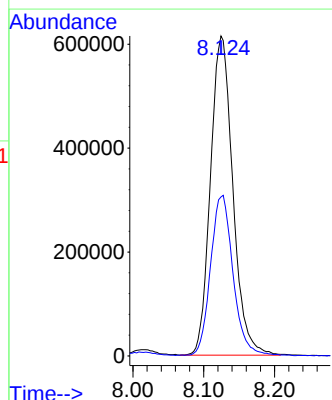
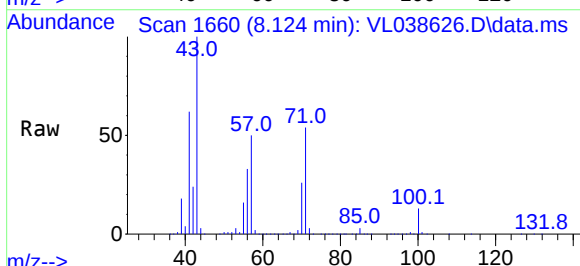
Manual Integrations  
 APPROVED

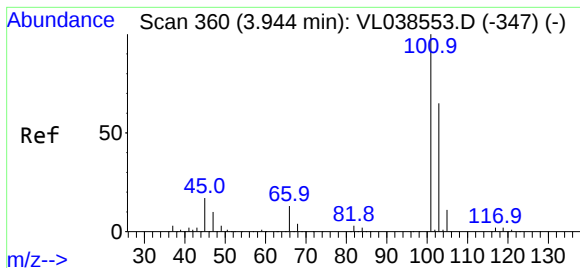
Reviewed By :Semsettin Yesilyurt 03/19/2022  
 Supervised By :Mahesh Dadoda 03/21/2022



#10  
 Heptane  
 Concen: 10.265 ppbv  
 RT: 8.124 min Scan# 1660  
 Delta R.T. 0.013 min  
 Lab File: VL038626.D  
 Acq: 17 Mar 2022 14:15

Tgt Ion: 43 Resp: 1348443  
 Ion Ratio Lower Upper  
 43 100  
 57 50.7 39.6 59.4





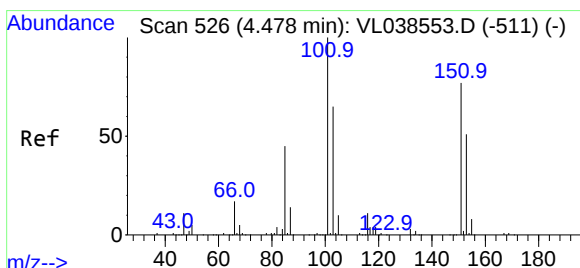
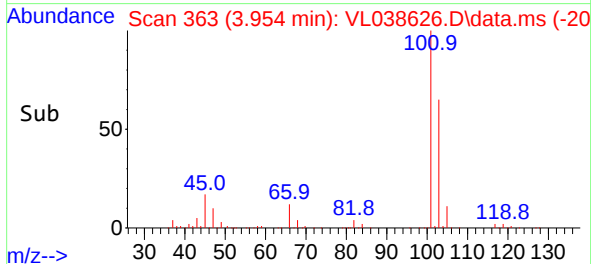
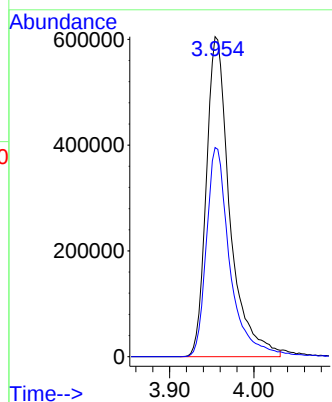
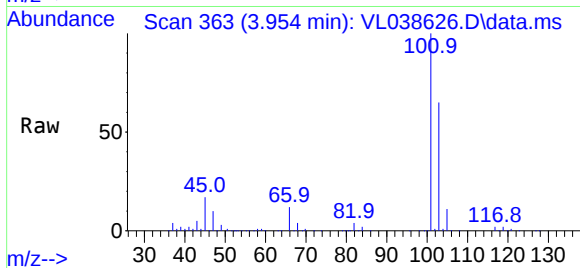
#11  
Trichlorofluoromethane  
Concen: 10.051 ppbv  
RT: 3.954 min Scan# 30  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01

Tgt Ion:101 Resp: 1174736  
Ion Ratio Lower Upper  
101 100  
103 65.3 52.0 78.0

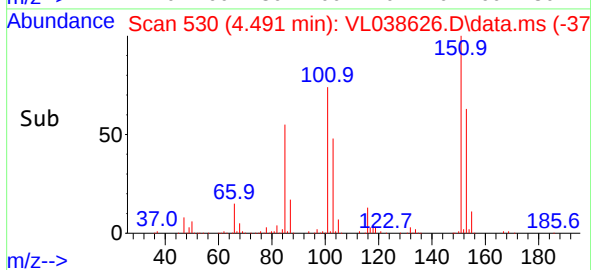
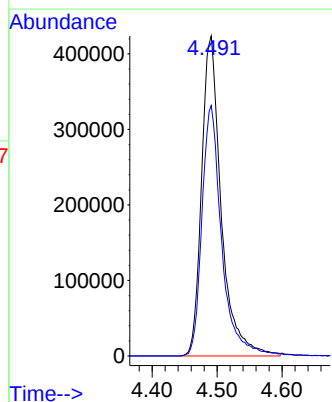
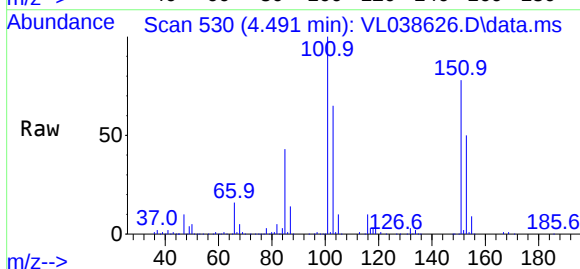
Manual Integrations  
APPROVED

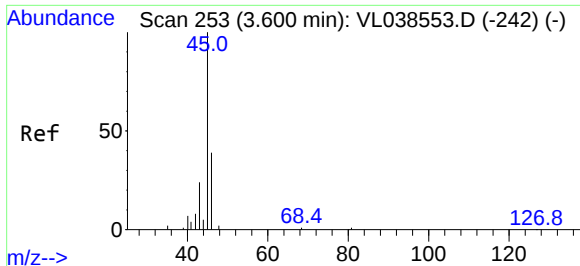
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022



#12  
1,1,2-Trichlorotrifluoroethane  
Concen: 9.811 ppbv  
RT: 4.491 min Scan# 530  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Tgt Ion:101 Resp: 891505  
Ion Ratio Lower Upper  
101 100  
151 78.9 63.4 95.0





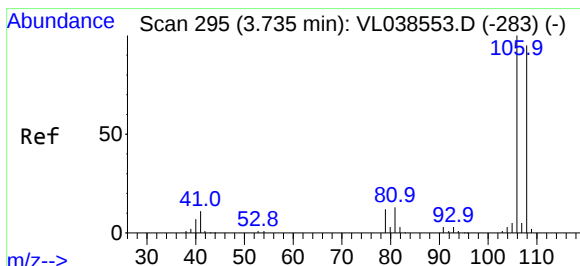
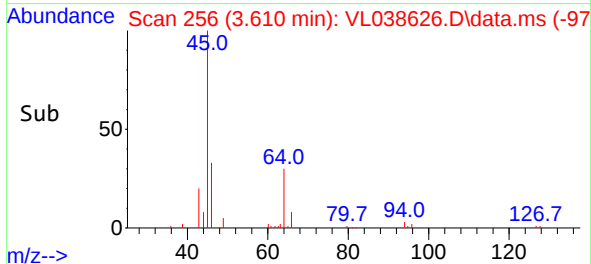
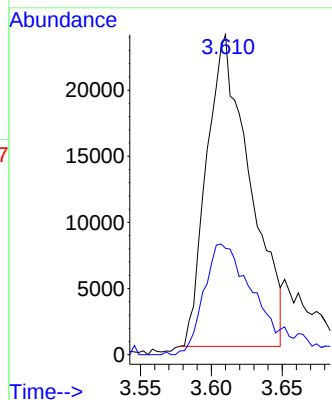
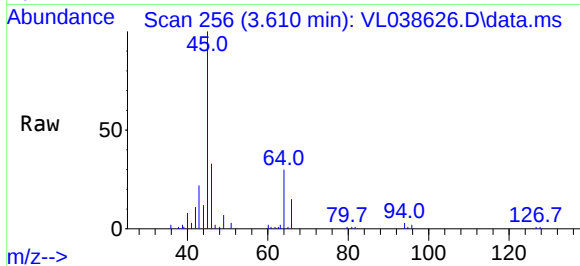
#13  
Ethanol  
Concen: 7.938 ppbv  
RT: 3.610 min Scan# 21  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01

Tgt Ion: 45 Resp: 50072  
Ion Ratio Lower Upper  
45 100  
46 44.5 16.8 67.0

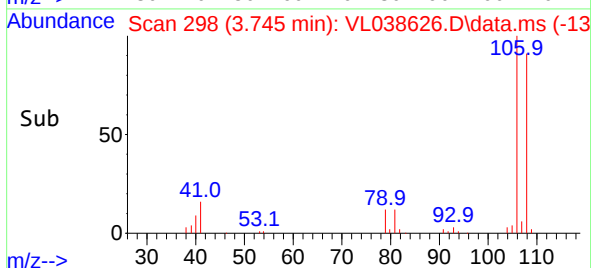
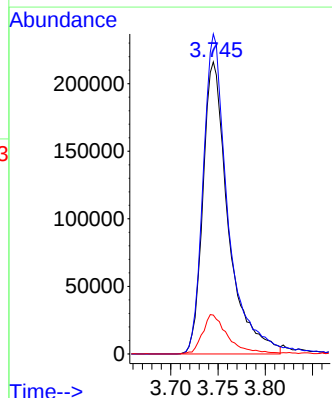
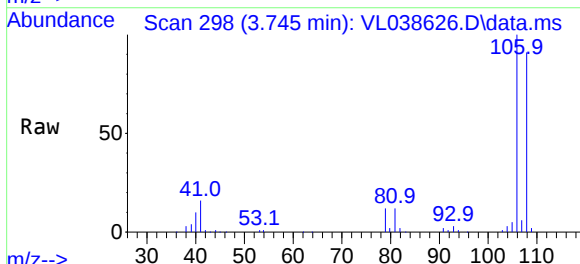
Manual Integrations  
APPROVED

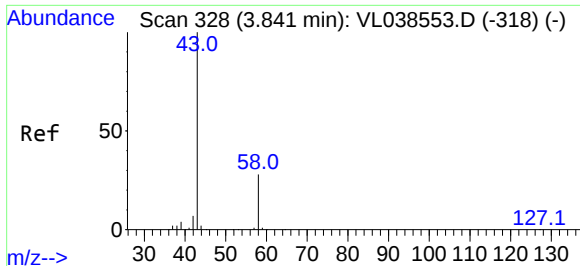
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022



#14  
Bromoethene  
Concen: 10.397 ppbv  
RT: 3.745 min Scan# 298  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Tgt Ion:108 Resp: 402552  
Ion Ratio Lower Upper  
108 100  
106 109.5 85.9 128.9  
79 14.0 11.0 16.6





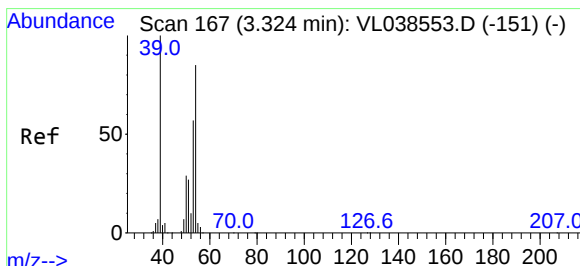
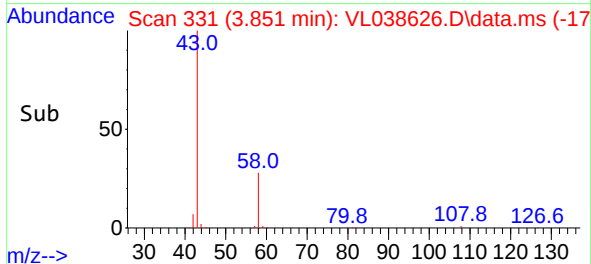
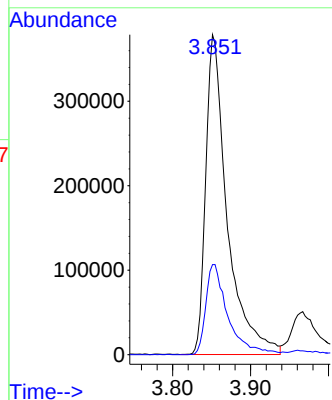
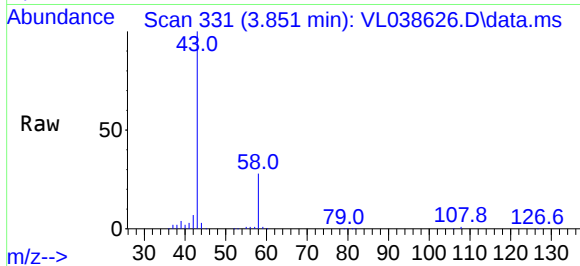
#15  
Acetone  
Concen: 11.631 ppbv  
RT: 3.851 min Scan# 31  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01

Tgt Ion: 43 Resp: 724050  
Ion Ratio Lower Upper  
43 100  
58 29.1 22.7 34.1

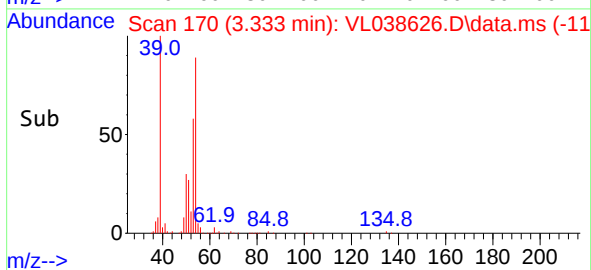
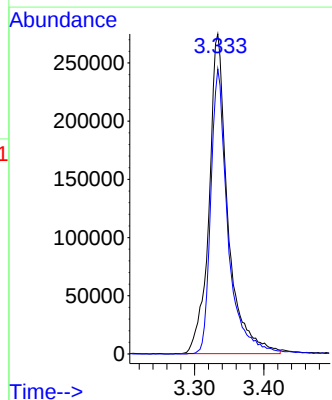
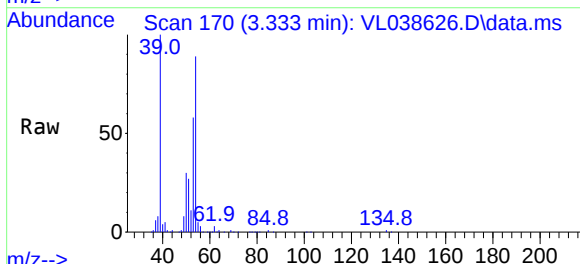
Manual Integrations  
APPROVED

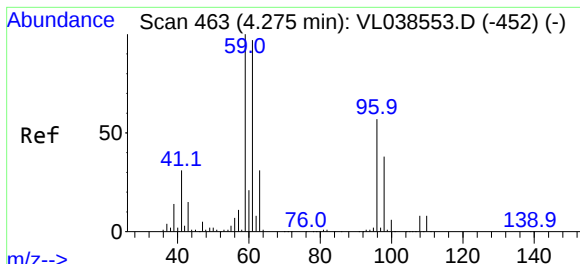
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022



#16  
1,3-Butadiene  
Concen: 10.385 ppbv  
RT: 3.333 min Scan# 170  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

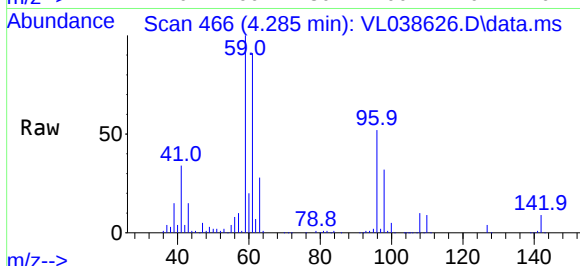
Tgt Ion: 39 Resp: 519502  
Ion Ratio Lower Upper  
39 100  
54 81.8 64.2 96.2





#17  
tert-Butyl alcohol  
Concen: 10.130 ppbv  
RT: 4.285 min Scan# 466  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

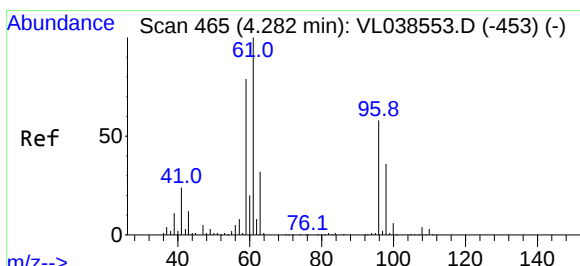
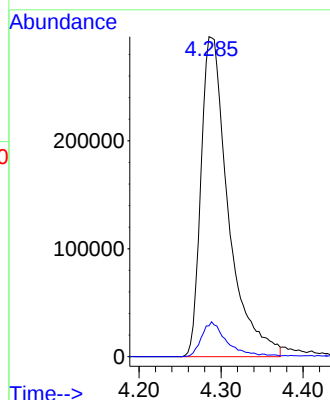
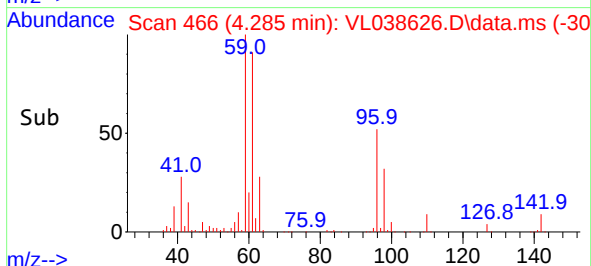
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01



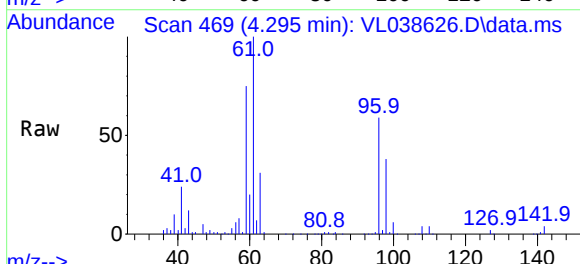
Tgt Ion: 59 Resp: 685138  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.1 12.1

Manual Integrations  
APPROVED

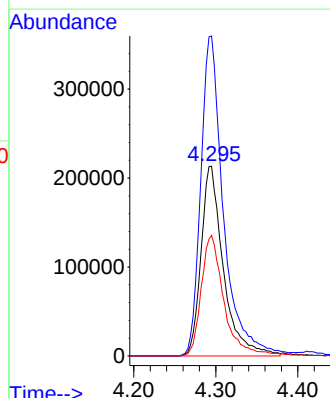
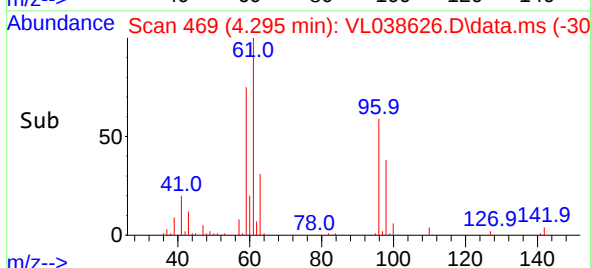
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022

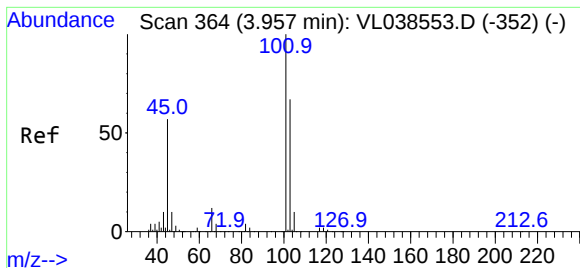


#18  
1,1-Dichloroethene  
Concen: 9.929 ppbv  
RT: 4.295 min Scan# 469  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15



Tgt Ion: 96 Resp: 403775  
Ion Ratio Lower Upper  
96 100  
61 168.6 137.4 206.0  
98 63.5 49.3 73.9





#19  
Isopropyl Alcohol  
Concen: 10.240 ppbv  
RT: 3.967 min Scan# 30  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Instrument :

MSVOA\_L

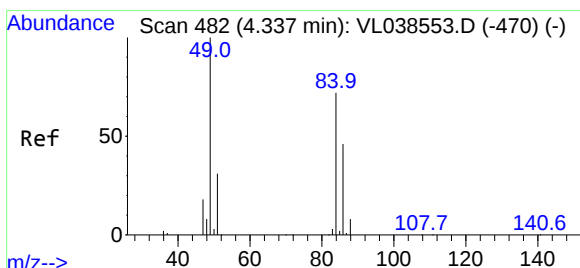
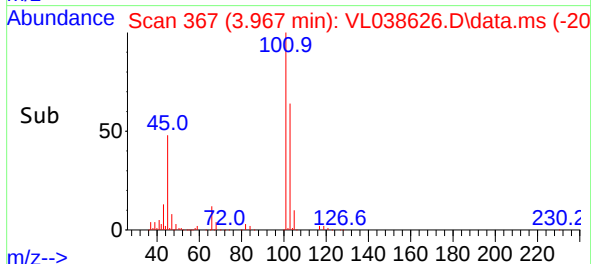
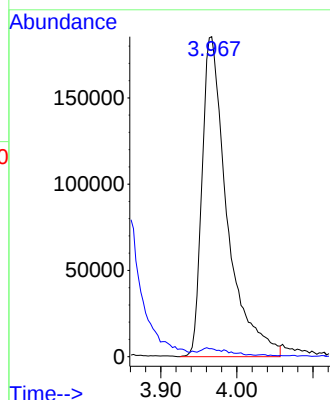
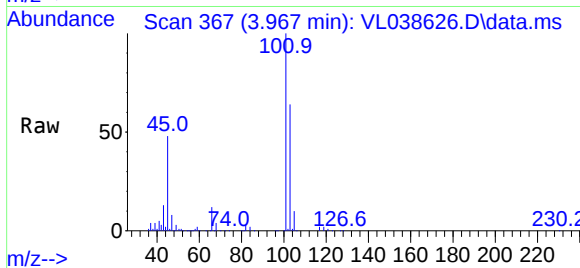
ClientSampleId :

VL0317ABS01

Tgt Ion: 45 Resp: 42564  
Ion Ratio Lower Upper  
45 100  
58 3.8 2.2 3.2

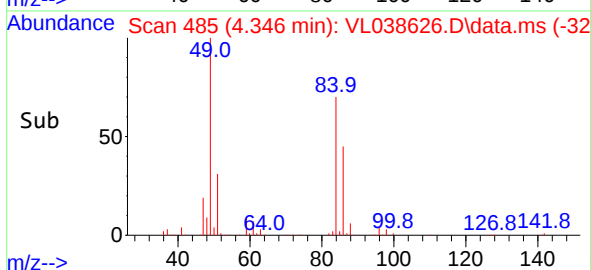
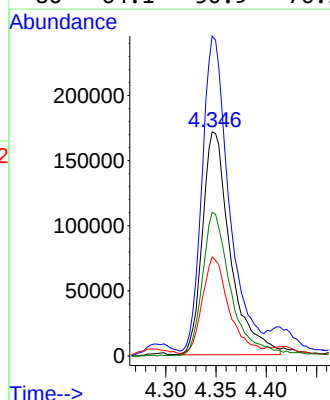
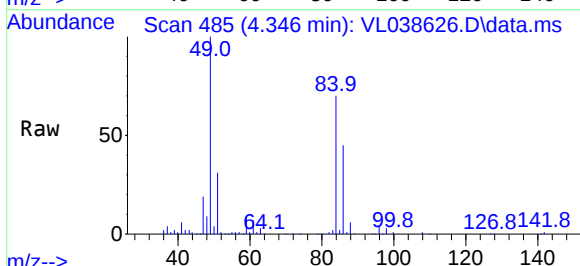
Manual Integrations  
APPROVED

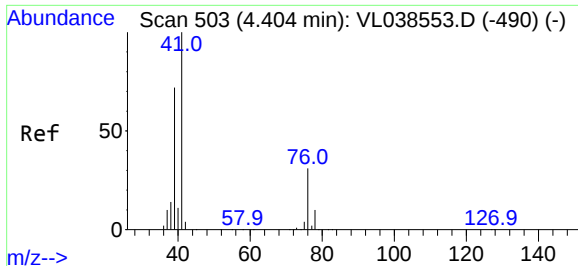
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022



#20  
Methylene Chloride  
Concen: 8.811 ppbv  
RT: 4.346 min Scan# 485  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Tgt Ion: 84 Resp: 330078  
Ion Ratio Lower Upper  
84 100  
49 141.4 111.1 166.7  
51 43.4 34.0 51.0  
86 64.1 50.9 76.3





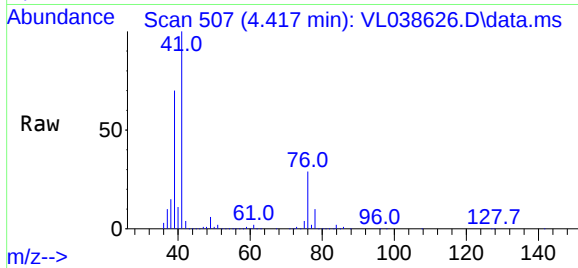
#21  
 Allyl Chloride  
 Concen: 9.671 ppbv  
 RT: 4.417 min Scan# 503  
 Delta R.T. 0.013 min  
 Lab File: VL038626.D  
 Acq: 17 Mar 2022 14:15

Instrument :

MSVOA\_L

ClientSampleId :

VL0317ABS01

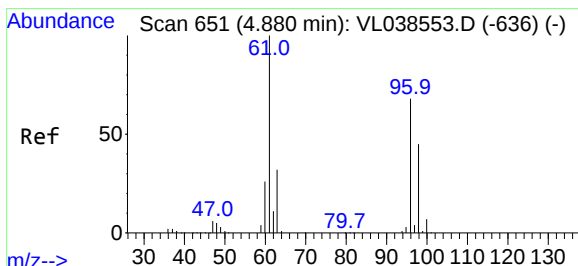
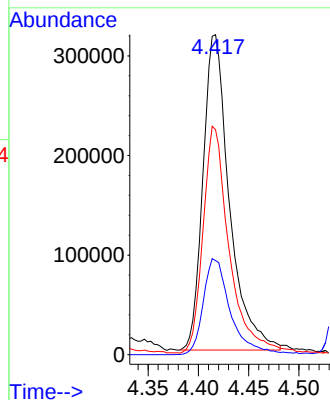
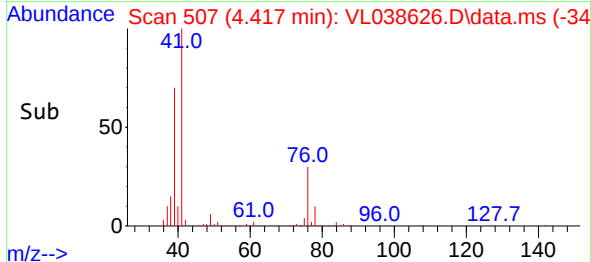


Tgt Ion: 41 Resp: 58026  
 Ion Ratio Lower Upper  
 41 100  
 76 31.5 24.3 36.5  
 39 71.9 57.1 85.7

Manual Integrations

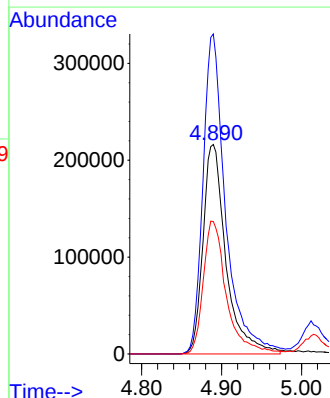
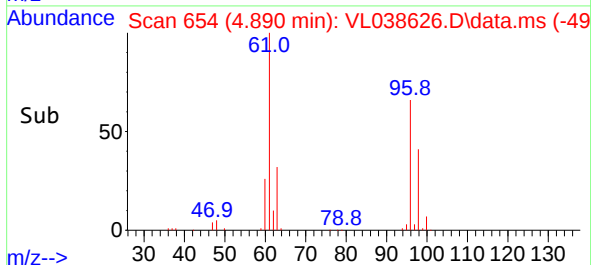
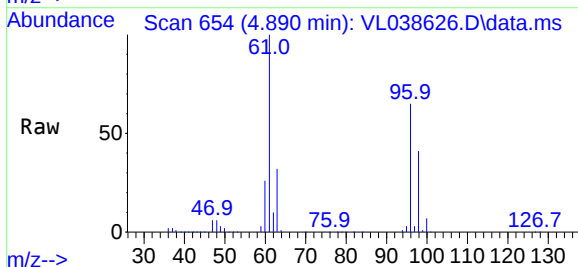
APPROVED

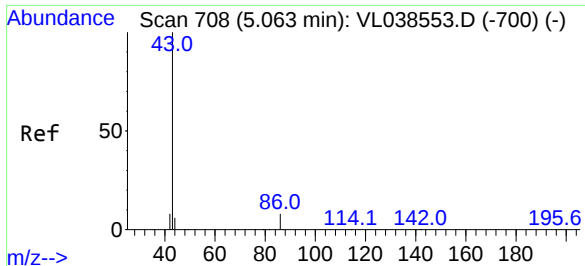
Reviewed By :Semsettin Yesilyurt 03/19/2022  
 Supervised By :Mahesh Dadoda 03/21/2022



#22  
 trans-1,2-Dichloroethene  
 Concen: 10.169 ppbv  
 RT: 4.890 min Scan# 654  
 Delta R.T. 0.010 min  
 Lab File: VL038626.D  
 Acq: 17 Mar 2022 14:15

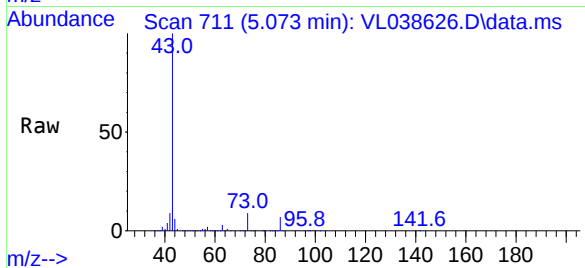
Tgt Ion: 96 Resp: 433511  
 Ion Ratio Lower Upper  
 96 100  
 61 152.8 117.6 176.4  
 98 63.2 52.6 78.8





#23  
 Vinyl Acetate  
 Concen: 10.688 ppbv  
 RT: 5.073 min Scan# 711  
 Delta R.T. 0.010 min  
 Lab File: VL038626.D  
 Acq: 17 Mar 2022 14:15

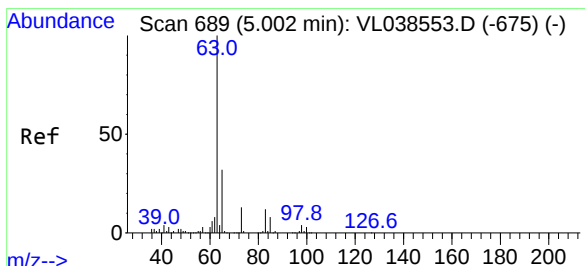
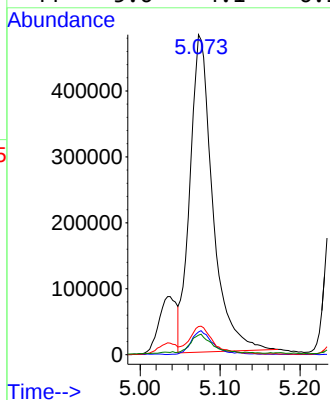
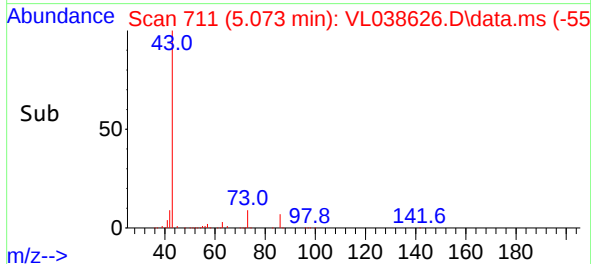
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0317ABS01



Tgt Ion: 43 Resp: 953750  
 Ion Ratio Lower Upper  
 43 100  
 86 7.1 5.6 8.4  
 42 8.7 7.1 10.7  
 44 5.6 4.1 6.1

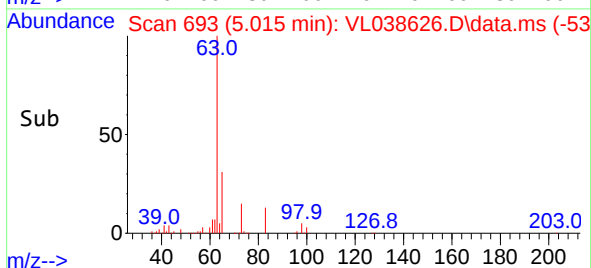
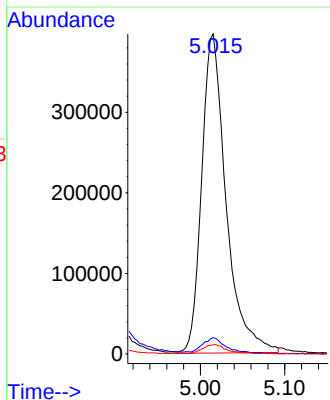
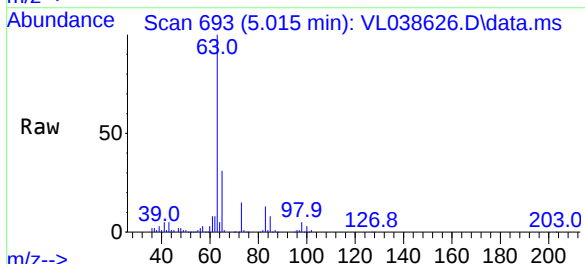
Manual Integrations  
 APPROVED

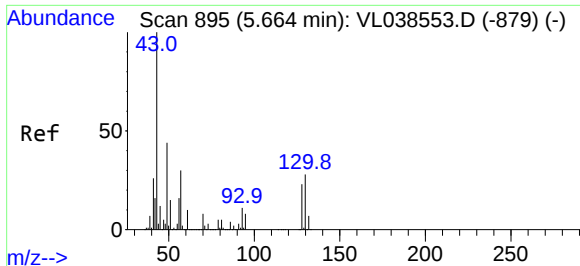
Reviewed By :Semsettin Yesilyurt 03/19/2022  
 Supervised By :Mahesh Dadoda 03/21/2022



#24  
 1,1-Dichloroethane  
 Concen: 9.845 ppbv  
 RT: 5.015 min Scan# 693  
 Delta R.T. 0.013 min  
 Lab File: VL038626.D  
 Acq: 17 Mar 2022 14:15

Tgt Ion: 63 Resp: 799000  
 Ion Ratio Lower Upper  
 63 100  
 98 5.0 2.2 6.6  
 100 2.8 1.5 4.5





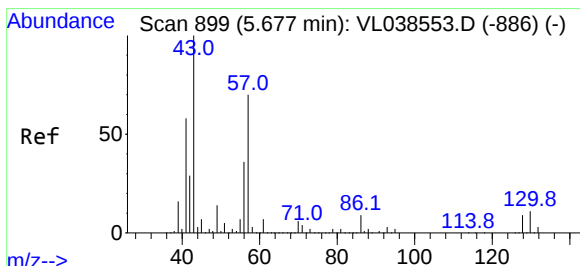
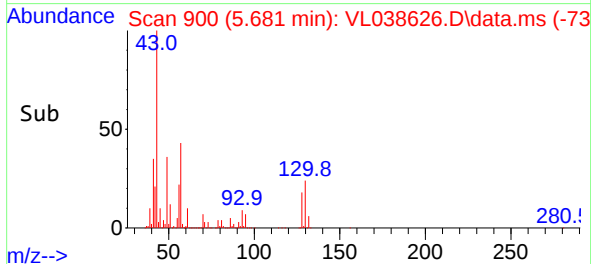
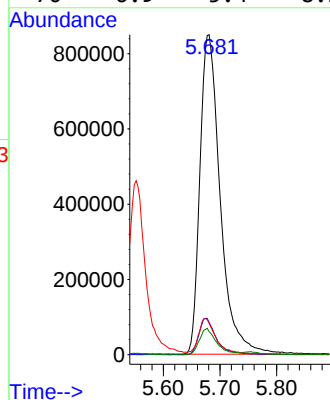
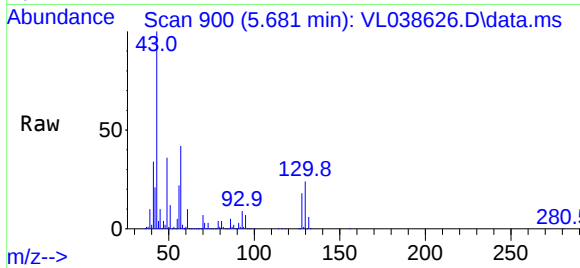
#25  
Ethyl Acetate  
Concen: 10.106 ppbv  
RT: 5.681 min Scan# 901  
Delta R.T. 0.016 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01

Tgt Ion: 43 Resp: 2118729  
Ion Ratio Lower Upper  
43 100  
45 10.1 8.0 12.0  
61 10.6 8.2 12.4  
70 6.9 5.4 8.2

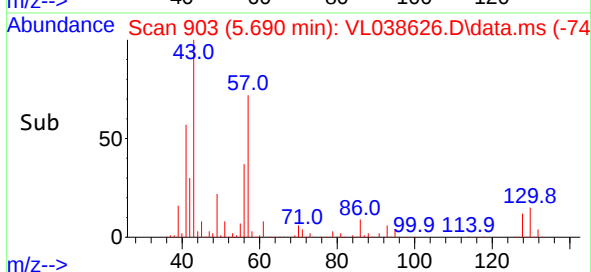
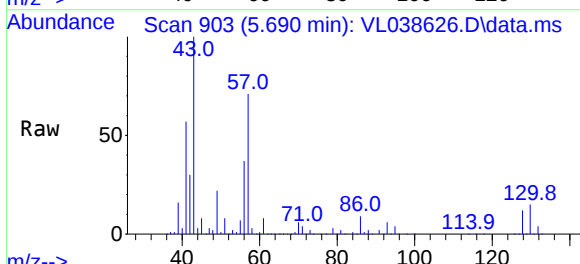
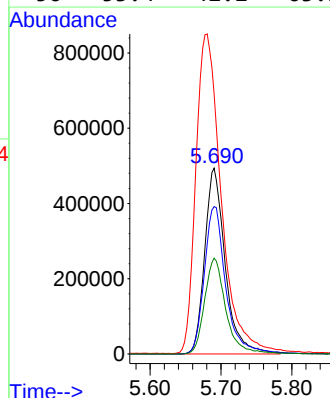
Manual Integrations  
APPROVED

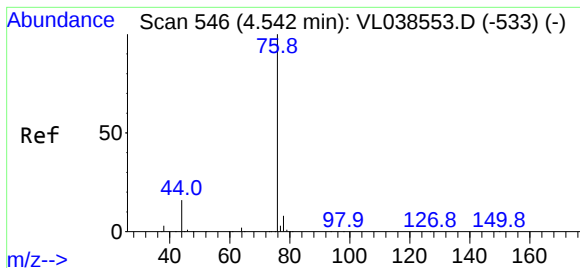
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022



#26  
Hexane  
Concen: 10.099 ppbv  
RT: 5.690 min Scan# 903  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

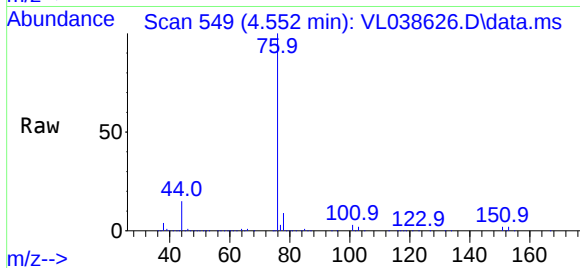
Tgt Ion: 57 Resp: 994299  
Ion Ratio Lower Upper  
57 100  
41 83.6 67.8 101.6  
43 213.9 173.6 260.4  
56 53.4 42.2 63.2





#27  
Carbon Disulfide  
Concen: 10.272 ppbv  
RT: 4.552 min Scan# 546  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

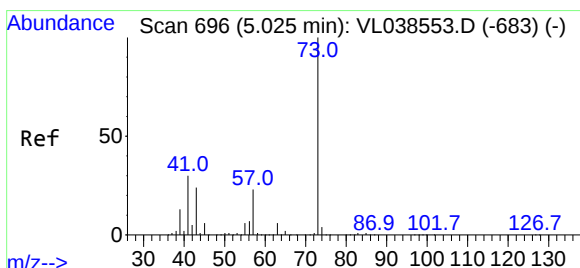
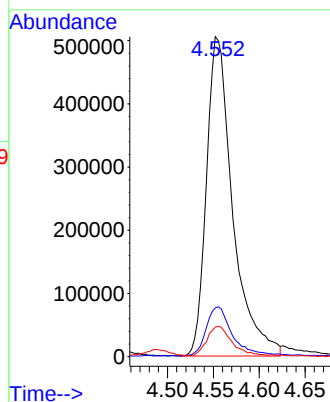
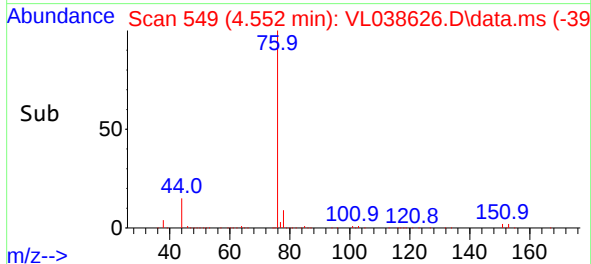
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01



Tgt Ion: 76 Resp: 1007215  
Ion Ratio Lower Upper  
76 100  
44 15.8 12.9 19.3  
78 10.1 7.8 11.6

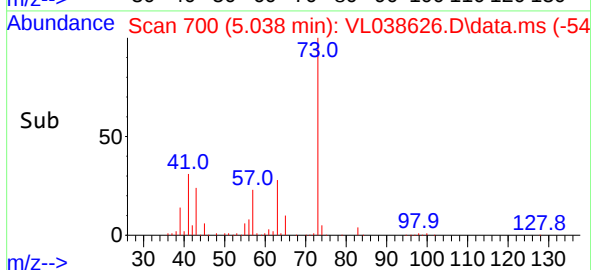
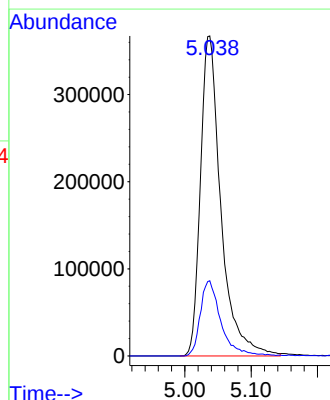
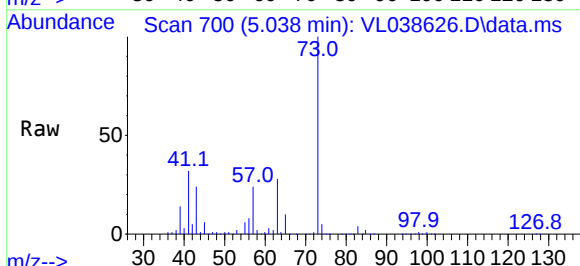
Manual Integrations  
APPROVED

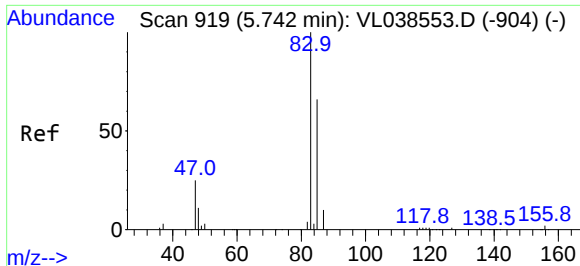
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022



#28  
Methyl tert-Butyl Ether  
Concen: 9.820 ppbv  
RT: 5.038 min Scan# 700  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Tgt Ion: 73 Resp: 786892  
Ion Ratio Lower Upper  
73 100  
57 24.0 18.8 28.2





#29

Chloroform

Concen: 10.101 ppbv

RT: 5.755 min Scan# 91

Delta R.T. 0.013 min

Lab File: VL038626.D

Acq: 17 Mar 2022 14:15

Instrument :

MSVOA\_L

ClientSampleId :

VL0317ABS01

Tgt Ion: 83 Resp: 1547592

Ion Ratio Lower Upper

83 100

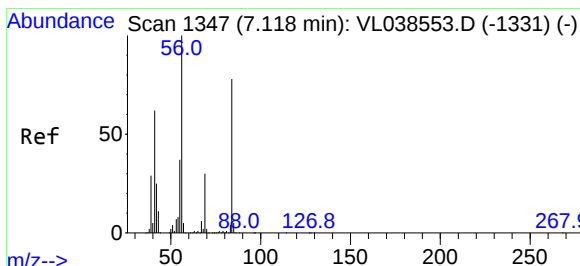
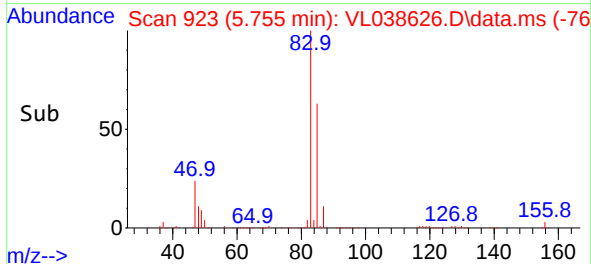
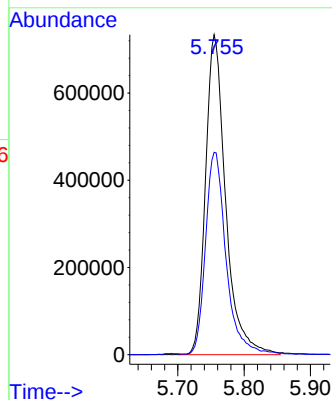
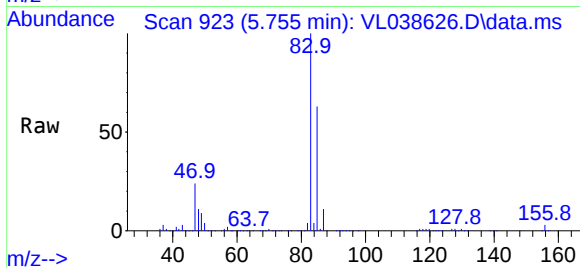
85 63.0 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#30

Cyclohexane

Concen: 10.169 ppbv

RT: 7.134 min Scan# 1352

Delta R.T. 0.016 min

Lab File: VL038626.D

Acq: 17 Mar 2022 14:15

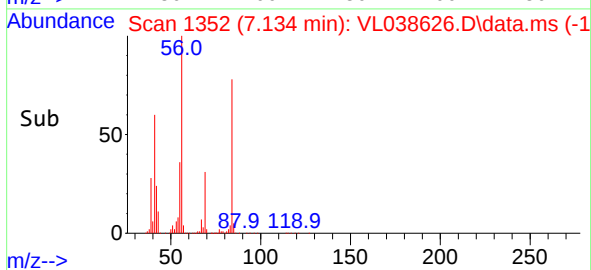
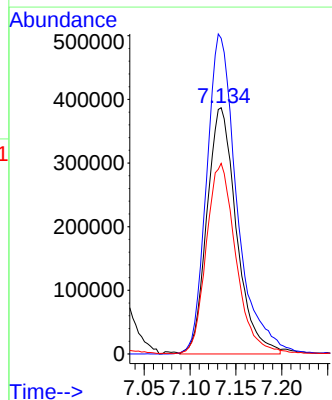
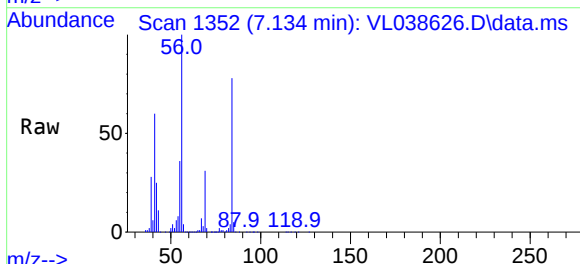
Tgt Ion: 84 Resp: 865844

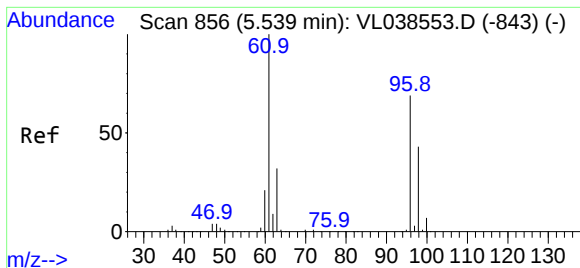
Ion Ratio Lower Upper

84 100

56 134.3 111.4 167.0

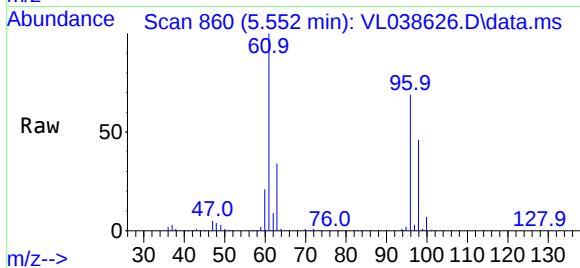
41 78.4 65.5 98.3





#31  
cis-1,2-Dichloroethene  
Concen: 10.086 ppbv  
RT: 5.552 min Scan# 80  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

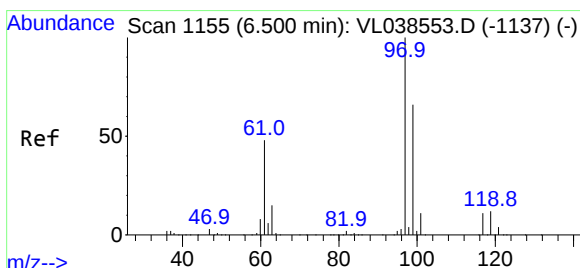
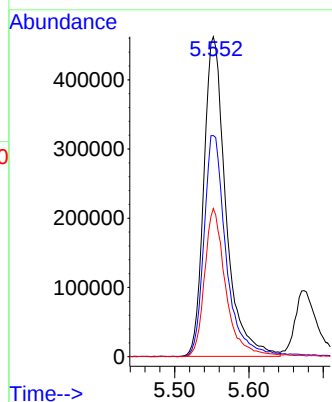
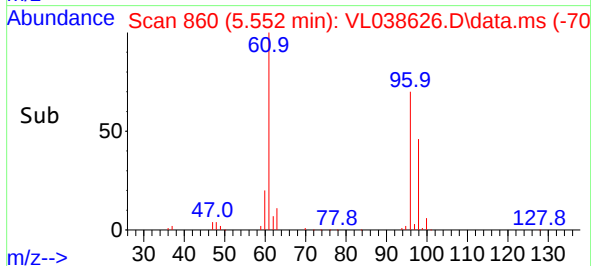
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01



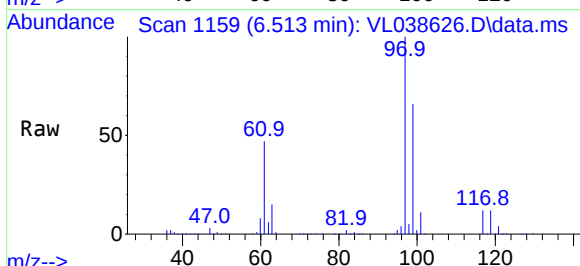
Tgt Ion: 61 Resp: 94987  
Ion Ratio Lower Upper  
61 100  
96 69.2 55.2 82.8  
98 46.3 34.2 51.4

Manual Integrations  
APPROVED

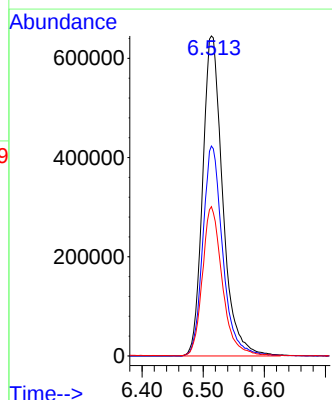
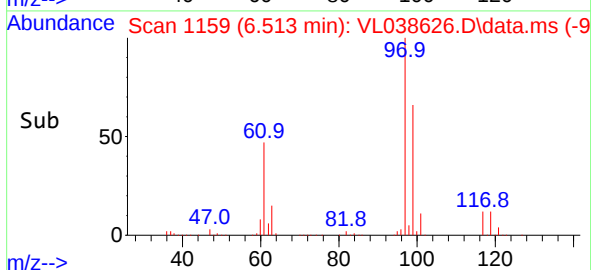
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022

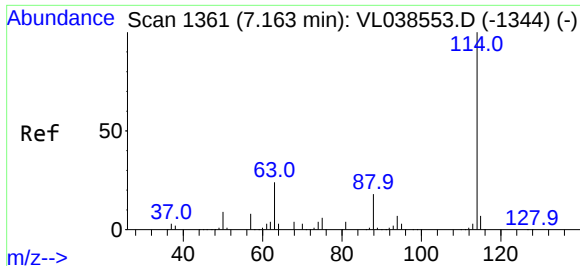


#32  
1,1,1-Trichloroethane  
Concen: 9.898 ppbv  
RT: 6.513 min Scan# 1159  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15



Tgt Ion: 97 Resp: 1470729  
Ion Ratio Lower Upper  
97 100  
99 65.1 52.1 78.1  
61 46.5 37.7 56.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.179 min Scan# 1114

Delta R.T. 0.016 min

Lab File: VL038626.D

Acq: 17 Mar 2022 14:15

Instrument :

MSVOA\_L

ClientSampleId :

VL0317ABS01

Tgt Ion:114 Resp: 234283

Ion Ratio Lower Upper

114 100

63 23.9 19.6 29.4

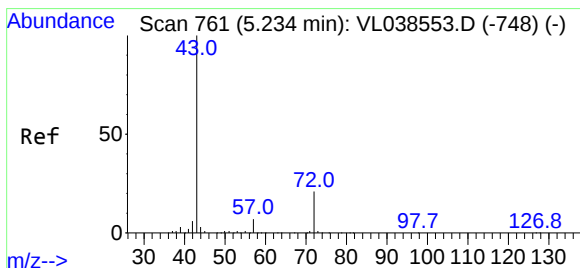
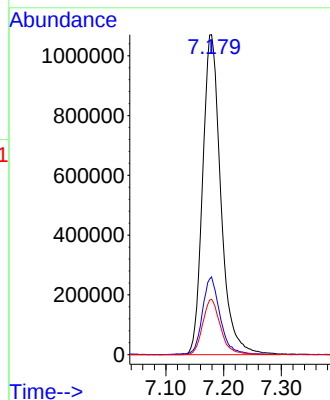
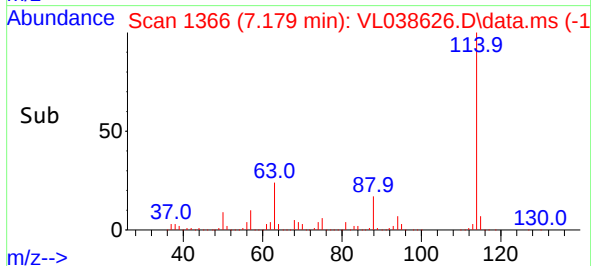
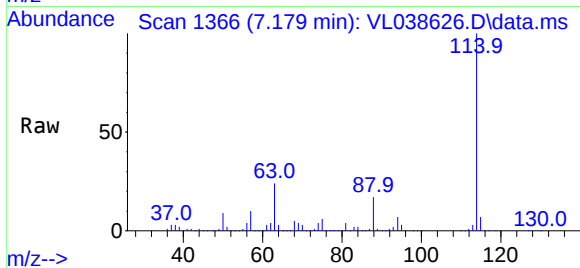
88 17.0 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#34

2-Butanone

Concen: 12.899 ppbv

RT: 5.247 min Scan# 765

Delta R.T. 0.013 min

Lab File: VL038626.D

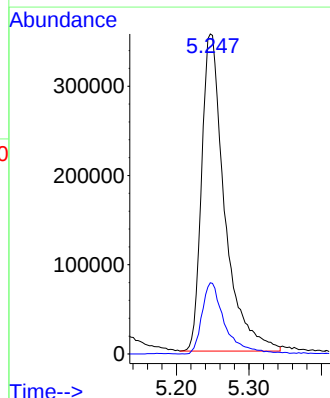
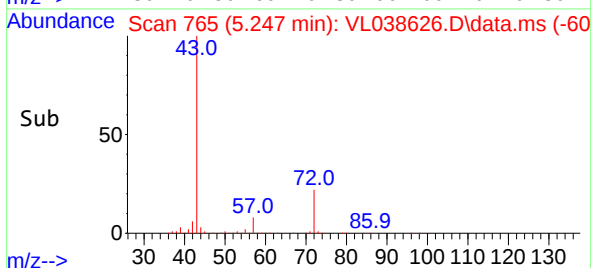
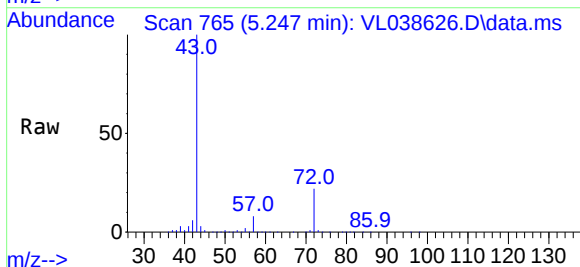
Acq: 17 Mar 2022 14:15

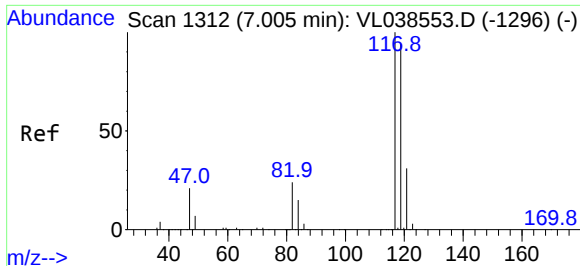
Tgt Ion: 43 Resp: 783327

Ion Ratio Lower Upper

43 100

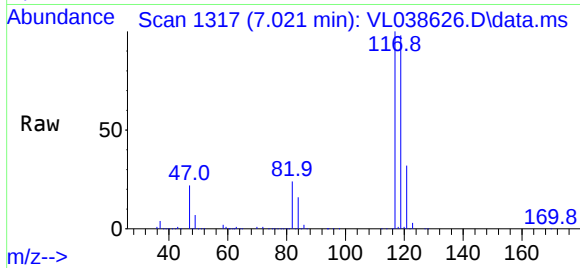
72 22.4 17.8 26.6





#35  
Carbon Tetrachloride  
Concen: 9.768 ppbv  
RT: 7.021 min Scan# 11  
Delta R.T. 0.016 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

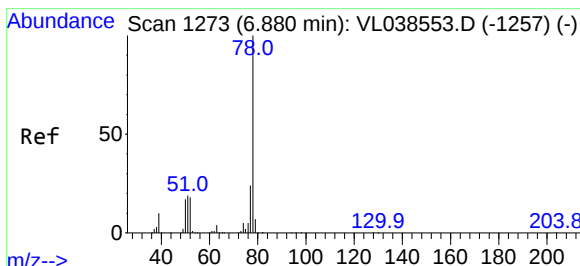
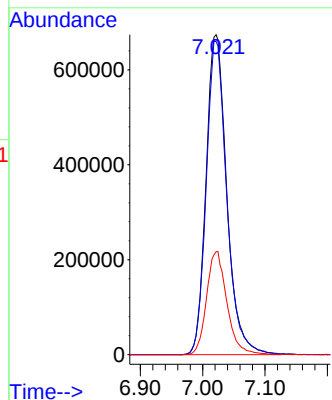
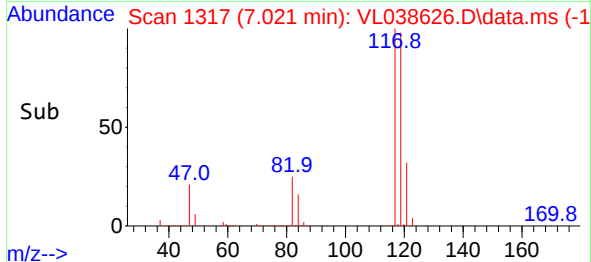
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01



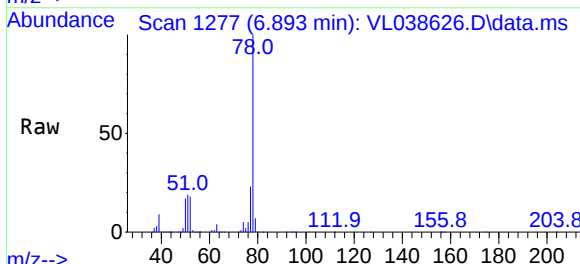
Tgt Ion:117 Resp: 1560970  
Ion Ratio Lower Upper  
117 100  
119 97.9 75.2 112.8  
121 32.2 24.8 37.2

Manual Integrations  
APPROVED

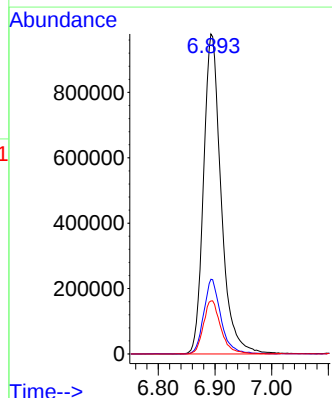
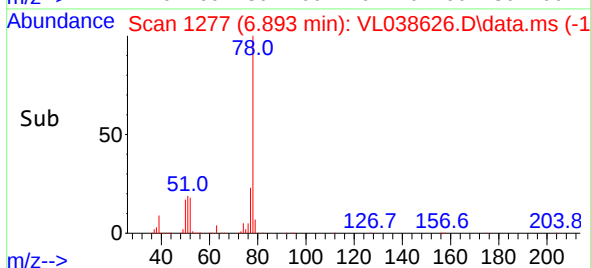
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022

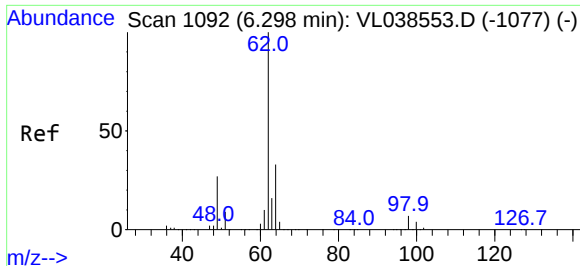


#36  
Benzene  
Concen: 9.979 ppbv  
RT: 6.893 min Scan# 1277  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15



Tgt Ion: 78 Resp: 2109772  
Ion Ratio Lower Upper  
78 100  
77 23.3 19.0 28.4  
50 16.5 13.9 20.9





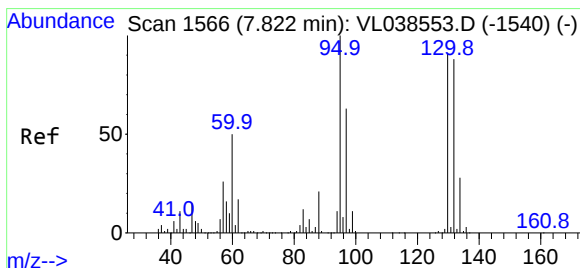
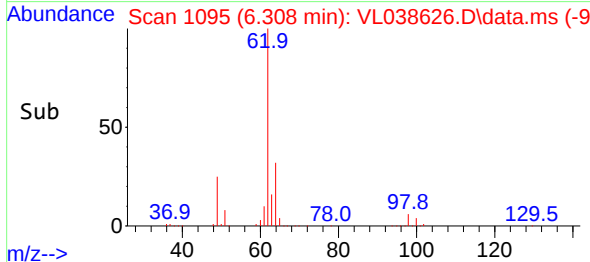
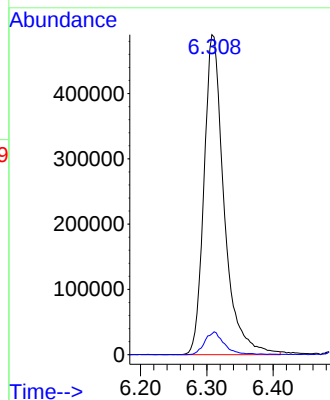
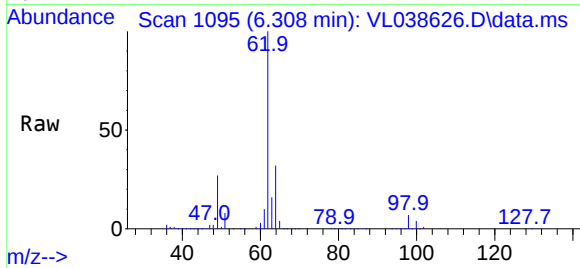
#37  
1,2-Dichloroethane  
Concen: 10.210 ppbv  
RT: 6.308 min Scan# 1095  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01

Tgt Ion: 62 Resp: 103150  
Ion Ratio Lower Upper  
62 100  
98 7.2 5.7 8.5

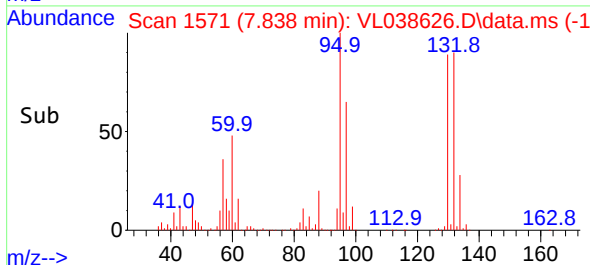
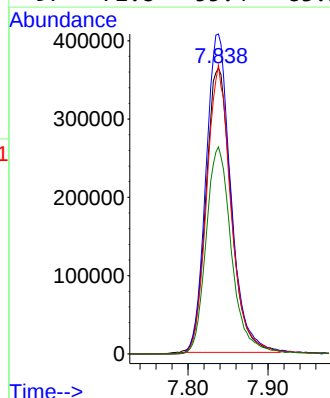
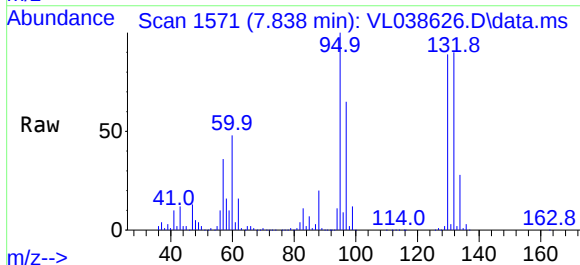
Manual Integrations  
APPROVED

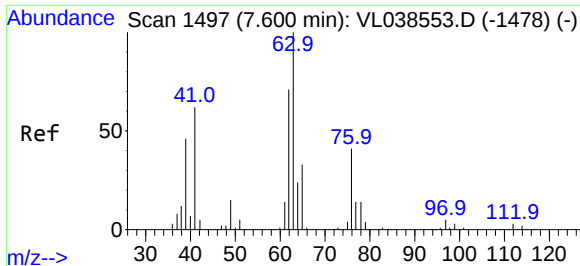
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022



#38  
Trichloroethene  
Concen: 9.437 ppbv  
RT: 7.838 min Scan# 1571  
Delta R.T. 0.016 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

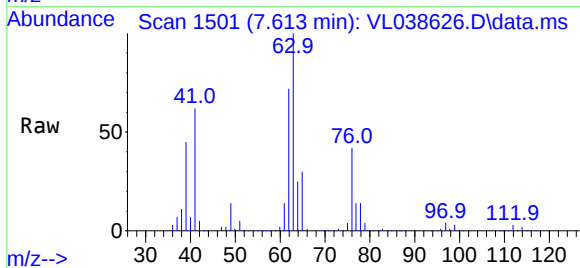
Tgt Ion:130 Resp: 796978  
Ion Ratio Lower Upper  
130 100  
95 112.5 87.8 131.8  
132 101.6 77.5 116.3  
97 72.8 55.4 83.2





#39  
1,2-Dichloropropane  
Concen: 9.992 ppbv  
RT: 7.613 min Scan# 11  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

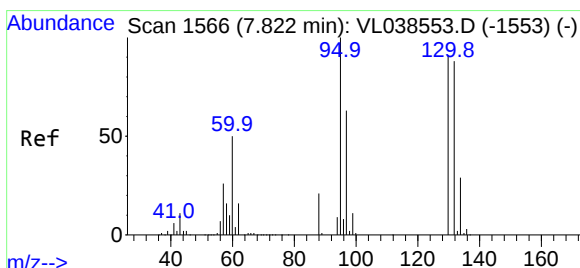
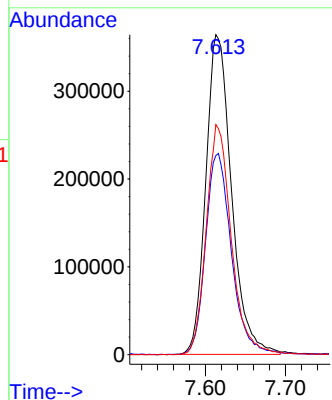
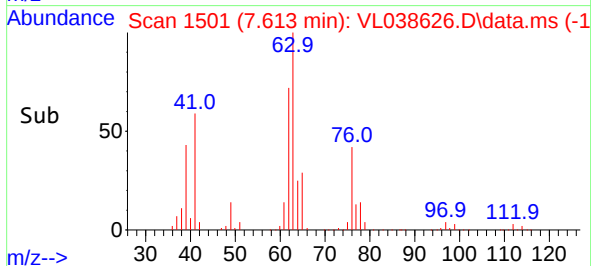
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01



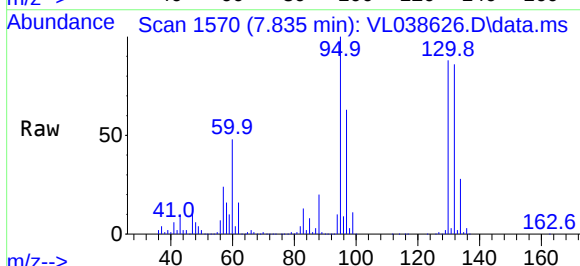
Tgt Ion: 63 Resp: 81244  
Ion Ratio Lower Upper  
63 100  
41 62.1 49.8 74.6  
62 71.8 56.7 85.1

Manual Integrations  
APPROVED

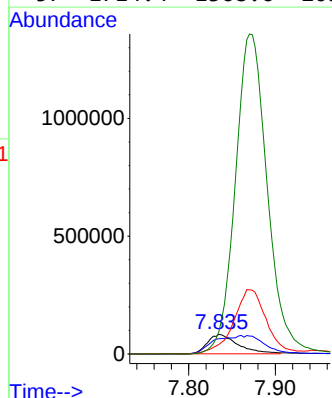
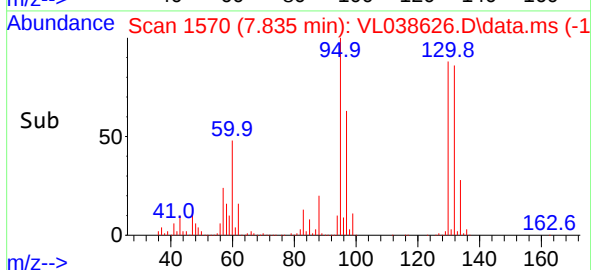
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022

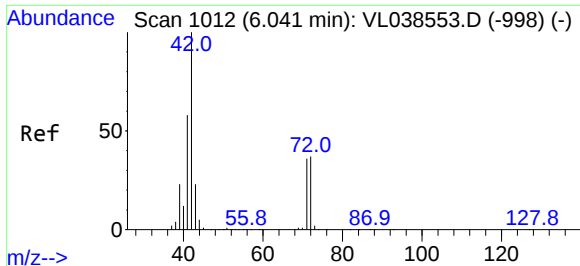


#40  
1,4-Dioxane  
Concen: 10.031 ppbv  
RT: 7.835 min Scan# 1570  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15



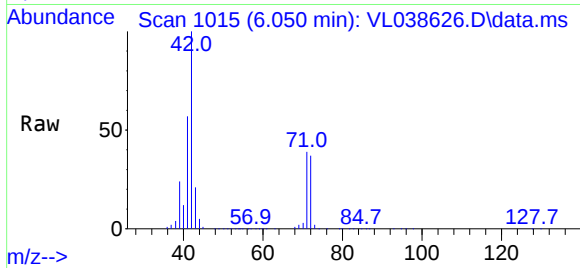
Tgt Ion: 88 Resp: 204120  
Ion Ratio Lower Upper  
88 100  
58 156.7 126.7 190.1  
43 367.8 303.0 454.6  
57 1714.4 1368.6 2053.0





#41  
Tetrahydrofuran  
Concen: 10.035 ppbv  
RT: 6.050 min Scan# 1012  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

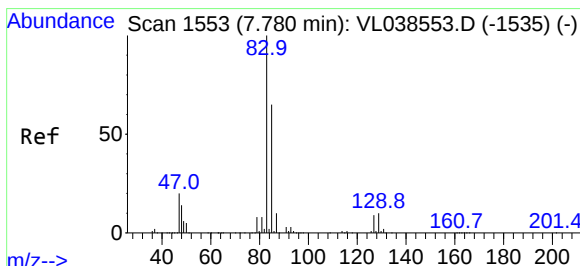
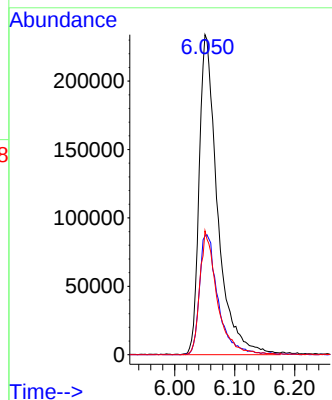
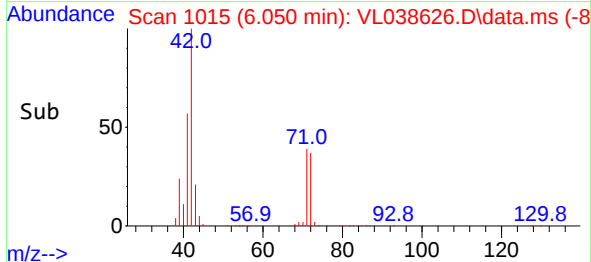
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01



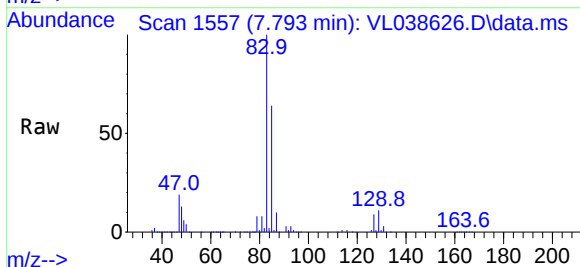
Tgt Ion: 42 Resp: 498529  
Ion Ratio Lower Upper  
42 100  
72 38.4 30.9 46.3  
71 37.0 29.1 43.7

Manual Integrations  
APPROVED

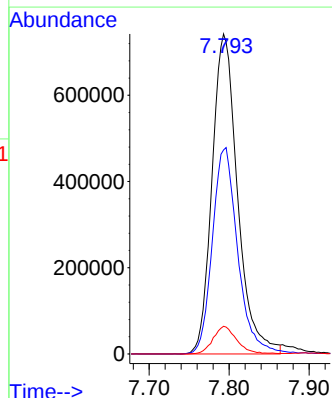
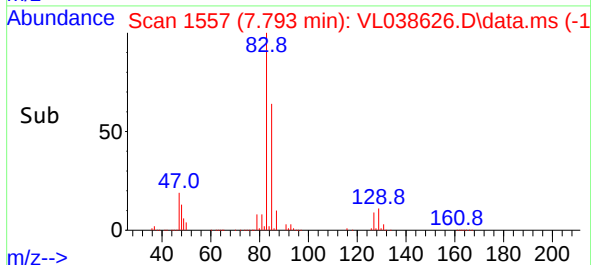
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022

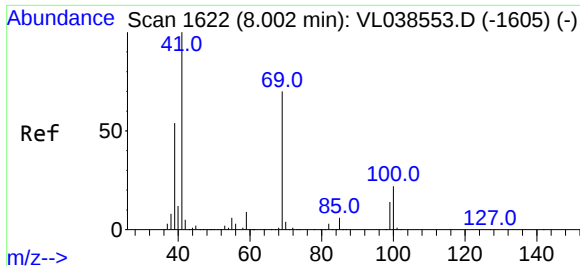


#42  
Bromodichloromethane  
Concen: 10.269 ppbv  
RT: 7.793 min Scan# 1557  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15



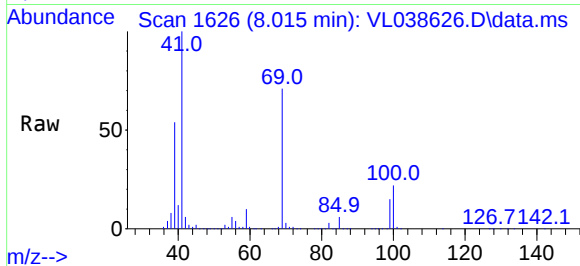
Tgt Ion: 83 Resp: 1645108  
Ion Ratio Lower Upper  
83 100  
85 63.8 51.7 77.5  
127 8.7 6.9 10.3





#43  
Methyl Methacrylate  
Concen: 10.492 ppbv  
RT: 8.015 min Scan# 10  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

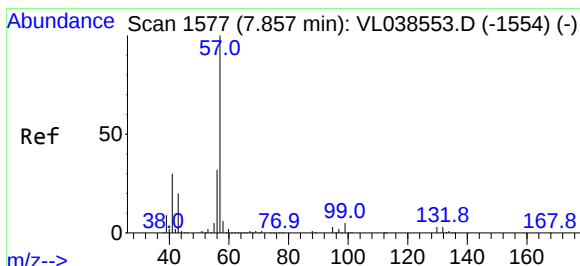
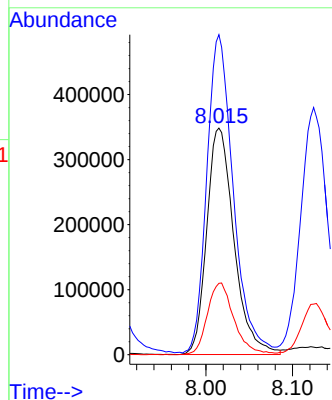
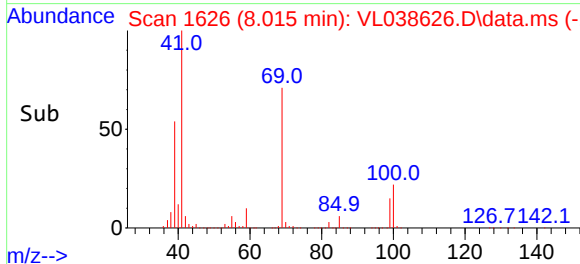
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01



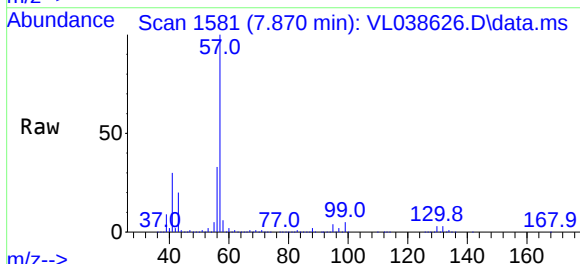
Tgt Ion: 69 Resp: 761410  
Ion Ratio Lower Upper  
69 100  
41 137.9 113.8 170.6  
100 31.0 24.4 36.6

Manual Integrations  
APPROVED

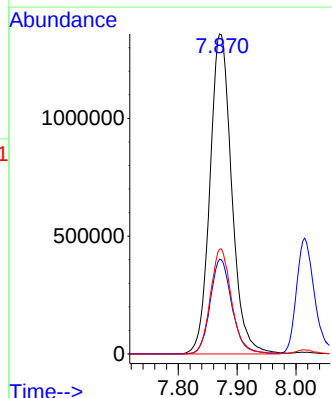
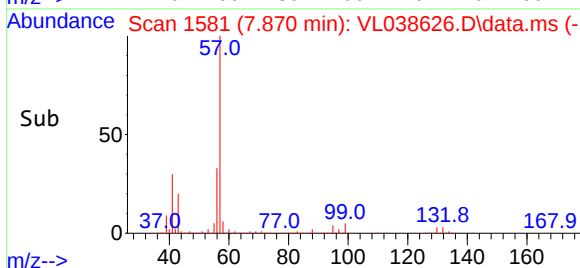
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022

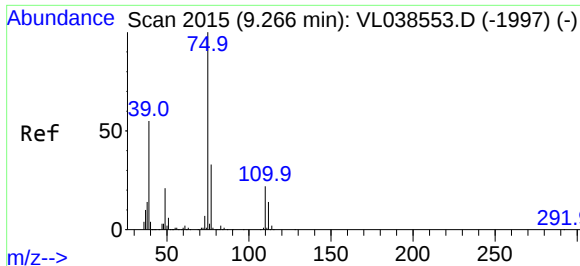


#44  
2,2,4-Trimethylpentane  
Concen: 9.781 ppbv  
RT: 7.870 min Scan# 1581  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15



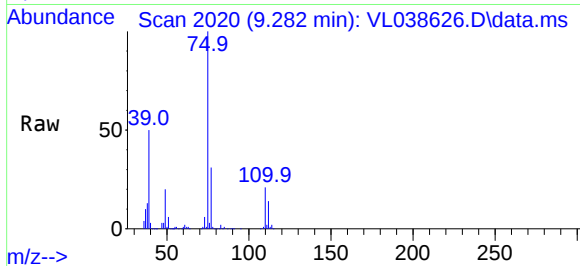
Tgt Ion: 57 Resp: 3496395  
Ion Ratio Lower Upper  
57 100  
41 29.5 24.0 36.0  
56 31.9 25.6 38.4





#45  
t-1,3-Dichloropropene  
Concen: 11.903 ppbv  
RT: 9.282 min Scan# 2015  
Delta R.T. 0.016 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

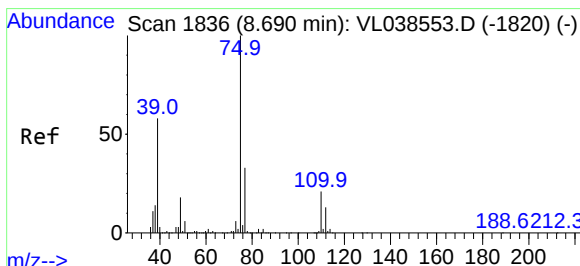
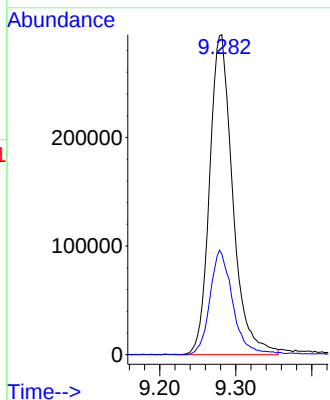
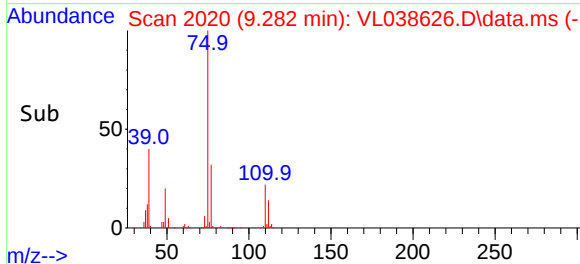
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01



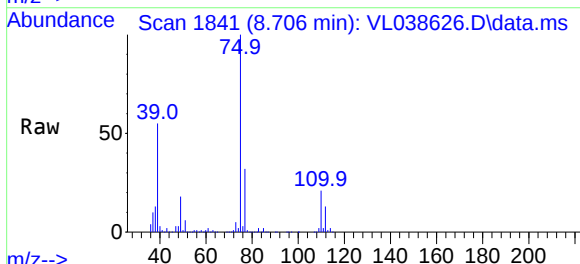
Tgt Ion: 75 Resp: 622510  
Ion Ratio Lower Upper  
75 100  
77 31.4 26.6 40.0

Manual Integrations  
APPROVED

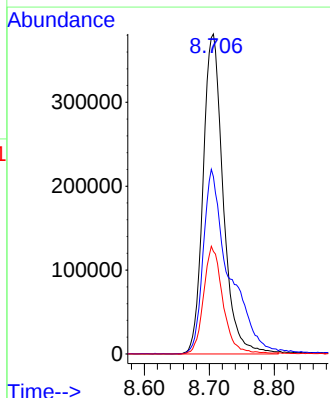
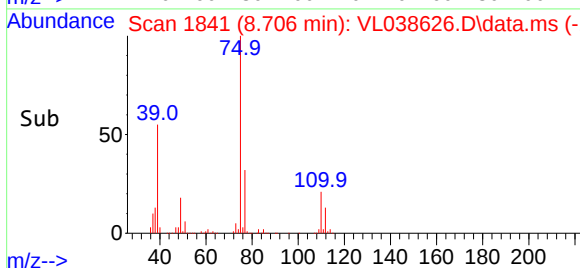
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022

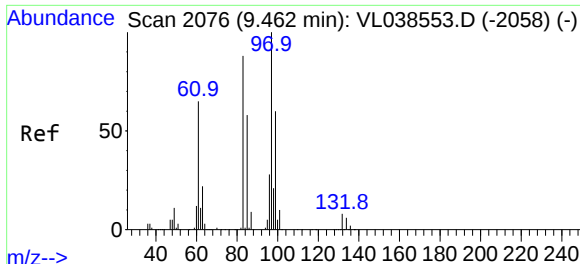


#46  
cis-1,3-Dichloropropene  
Concen: 11.461 ppbv  
RT: 8.706 min Scan# 1841  
Delta R.T. 0.016 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15



Tgt Ion: 75 Resp: 819623  
Ion Ratio Lower Upper  
75 100  
39 55.3 46.2 69.2  
77 32.0 26.2 39.2





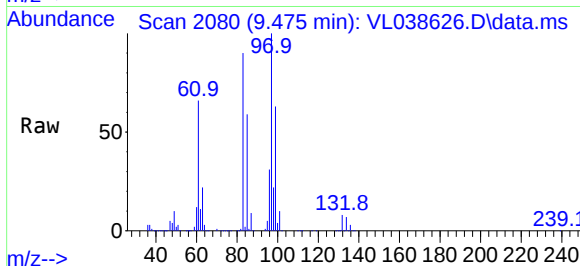
#47  
1,1,2-Trichloroethane  
Concen: 10.481 ppbv  
RT: 9.475 min Scan# 2076  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Instrument :

MSVOA\_L

ClientSampleId :

VL0317ABS01

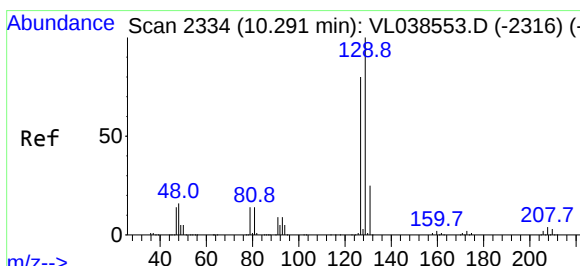
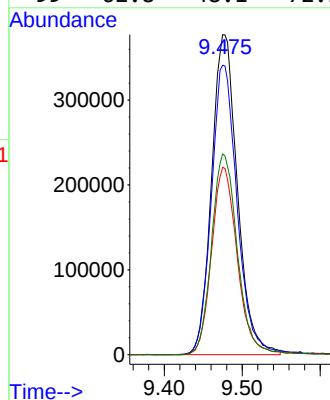
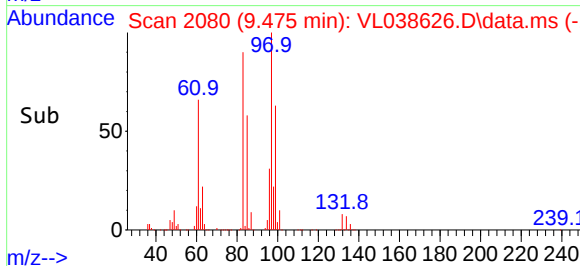


Tgt Ion: 97 Resp: 86850  
Ion Ratio Lower Upper  
97 100  
83 90.4 70.1 105.1  
85 58.5 46.6 69.8  
99 62.8 48.1 72.1

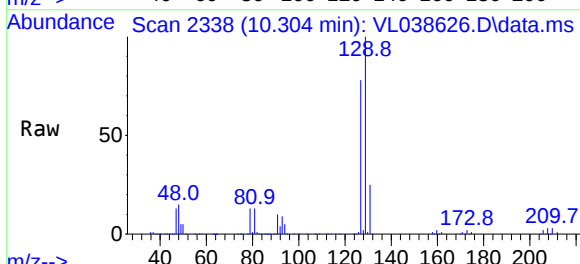
Manual Integrations

APPROVED

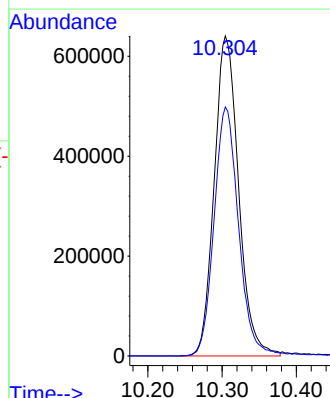
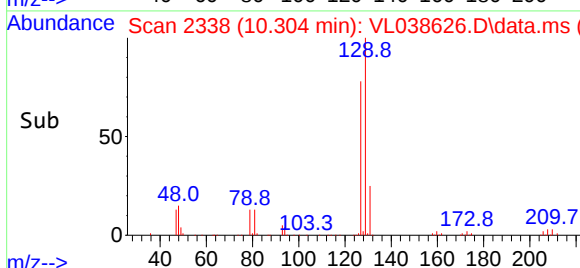
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022

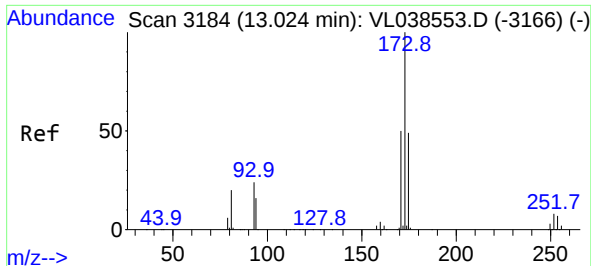


#48  
Dibromochloromethane  
Concen: 11.120 ppbv  
RT: 10.304 min Scan# 2338  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15



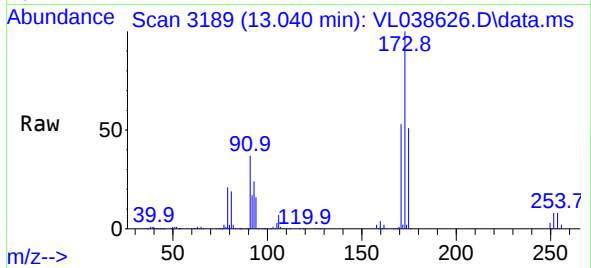
Tgt Ion:129 Resp: 1463066  
Ion Ratio Lower Upper  
129 100  
127 78.7 39.5 118.3





#49  
Bromoform  
Concen: 11.991 ppbv  
RT: 13.040 min Scan# 3184  
Delta R.T. 0.016 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

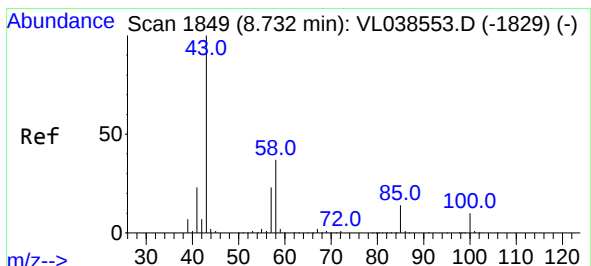
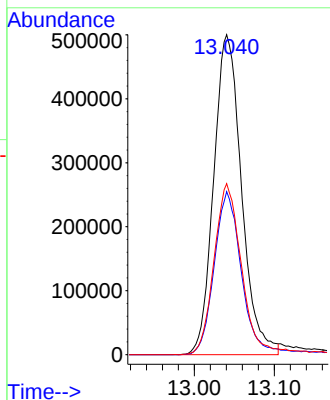
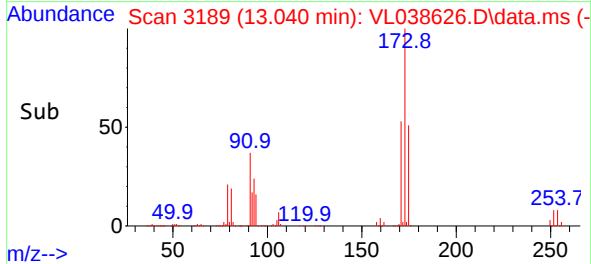
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01



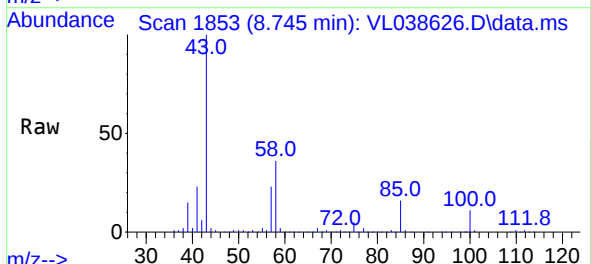
Tgt Ion:173 Resp: 1208404  
Ion Ratio Lower Upper  
173 100  
175 51.9 40.7 61.1  
171 54.9 42.9 64.3

Manual Integrations  
APPROVED

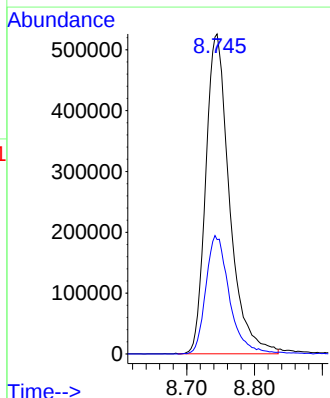
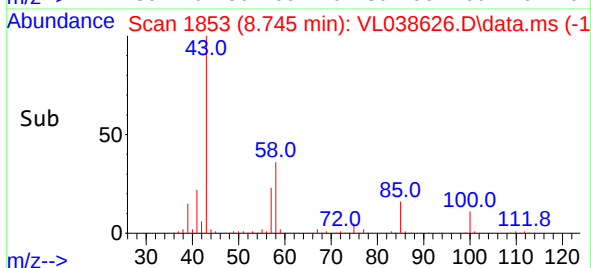
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022

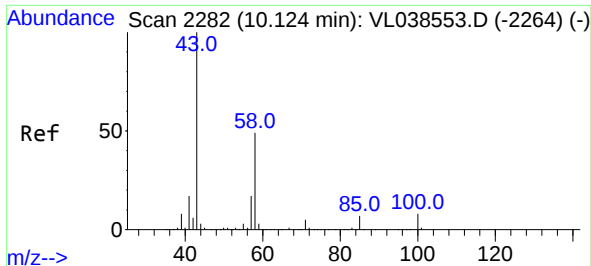


#50  
4-Methyl-2-Pentanone  
Concen: 10.267 ppbv  
RT: 8.745 min Scan# 1853  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15



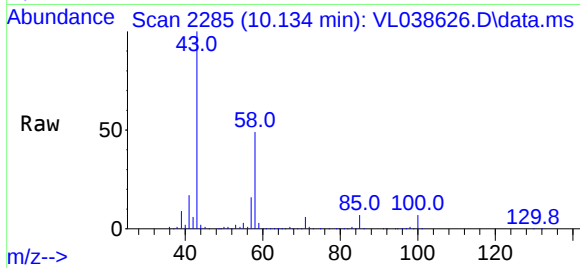
Tgt Ion: 43 Resp: 1278056  
Ion Ratio Lower Upper  
43 100  
58 37.1 29.2 43.8





#51  
2-Hexanone  
Concen: 10.462 ppbv  
RT: 10.134 min Scan# 21  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

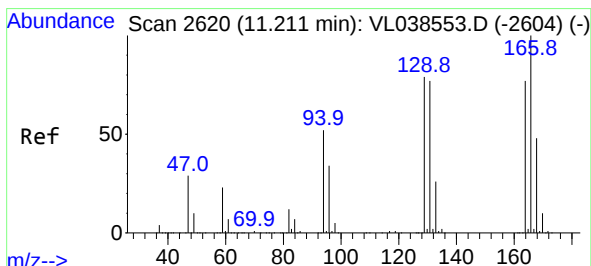
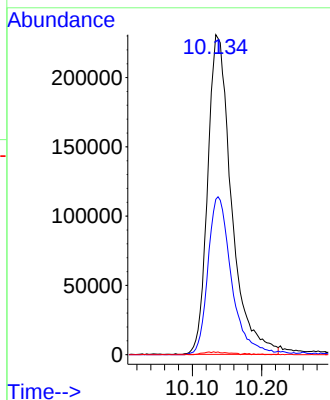
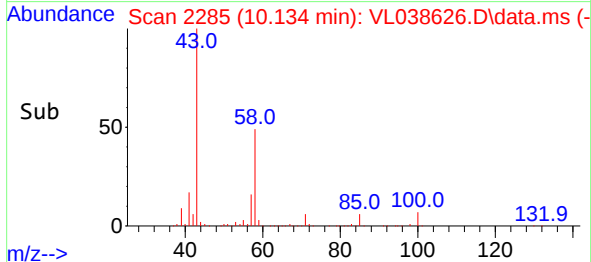
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01



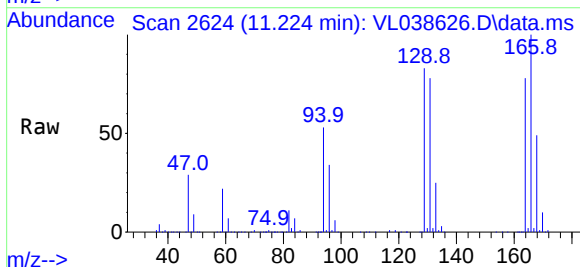
Tgt Ion: 43 Resp: 550374  
Ion Ratio Lower Upper  
43 100  
58 49.8 40.1 60.1  
98 1.1 0.4 0.6

Manual Integrations  
APPROVED

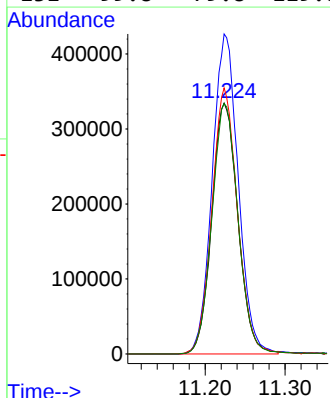
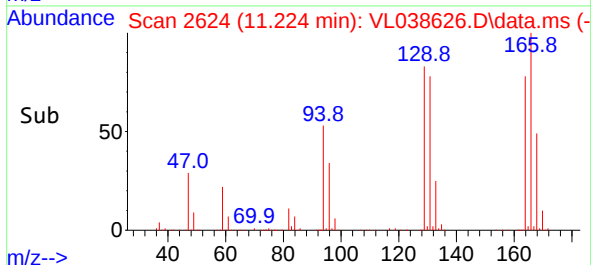
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022

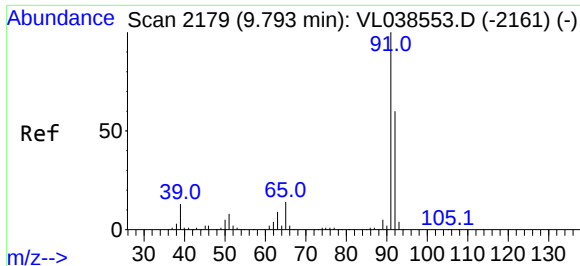


#52  
Tetrachloroethene  
Concen: 9.790 ppbv  
RT: 11.224 min Scan# 2624  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15



Tgt Ion:164 Resp: 758651  
Ion Ratio Lower Upper  
164 100  
166 127.6 103.4 155.2  
129 106.0 81.3 121.9  
131 99.8 79.8 119.8





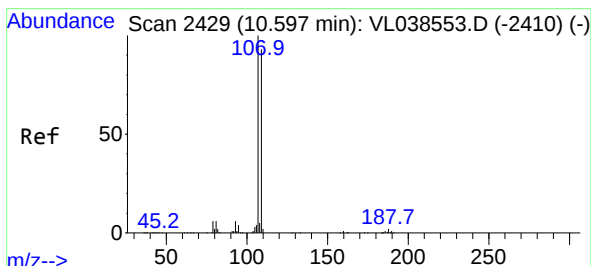
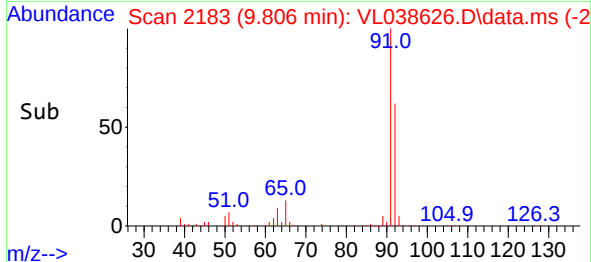
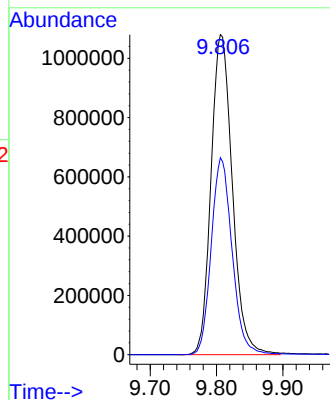
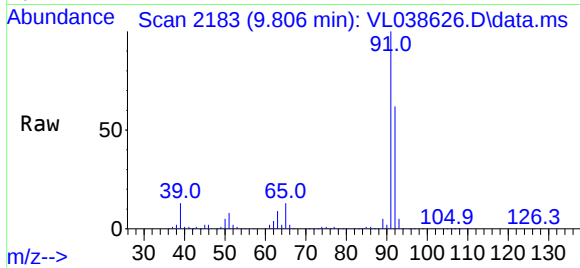
#53  
Toluene  
Concen: 10.680 ppbv  
RT: 9.806 min Scan# 2179  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01

Tgt Ion: 91 Resp: 241029  
Ion Ratio Lower Upper  
91 100  
92 60.6 48.1 72.1

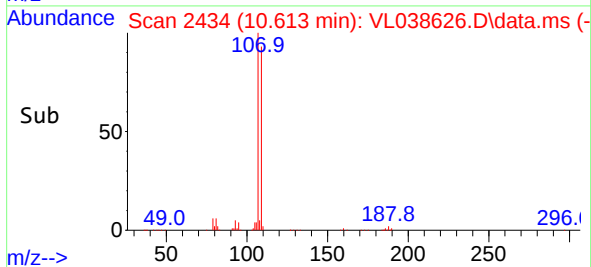
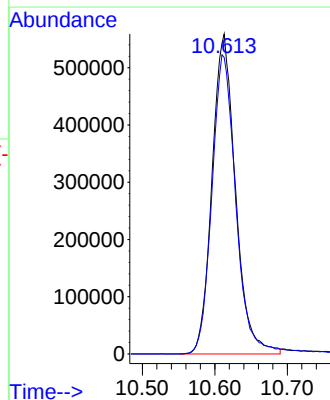
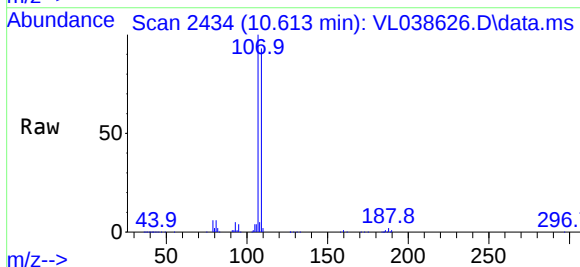
Manual Integrations  
APPROVED

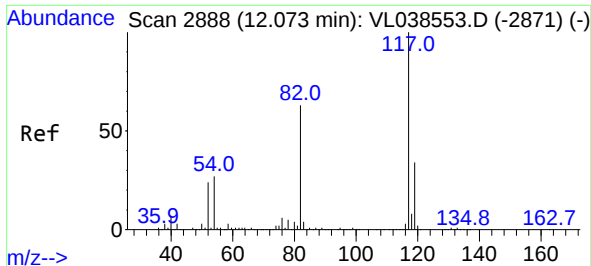
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022



#54  
1,2-Dibromoethane  
Concen: 10.604 ppbv  
RT: 10.613 min Scan# 2434  
Delta R.T. 0.016 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

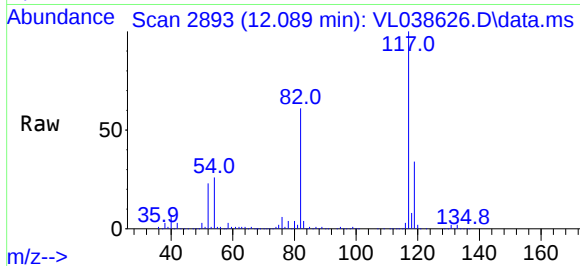
Tgt Ion:107 Resp: 1255641  
Ion Ratio Lower Upper  
107 100  
109 92.6 74.6 112.0





#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv m  
RT: 12.089 min Scan# 2888  
Delta R.T. 0.016 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

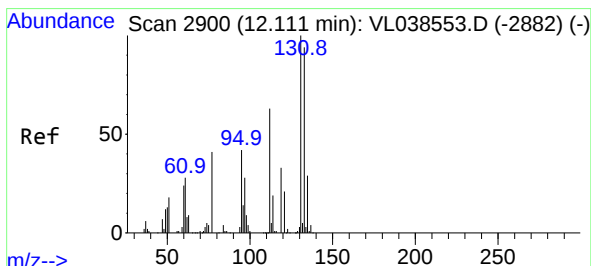
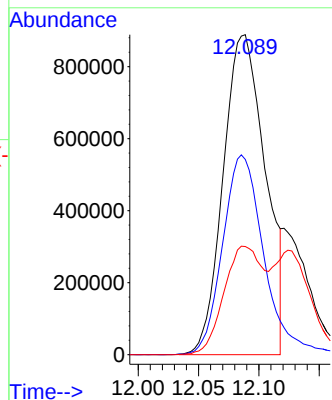
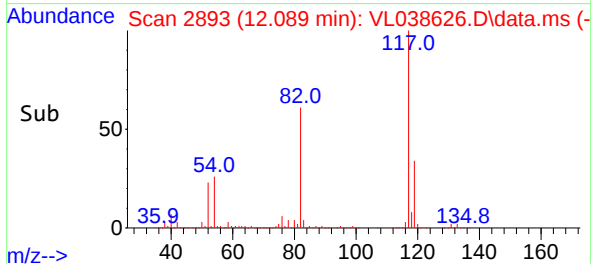
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01



Tgt Ion:117 Resp: 2160700  
Ion Ratio Lower Upper  
117 100  
82 62.4 52.5 78.7  
119 34.3 46.4 69.6

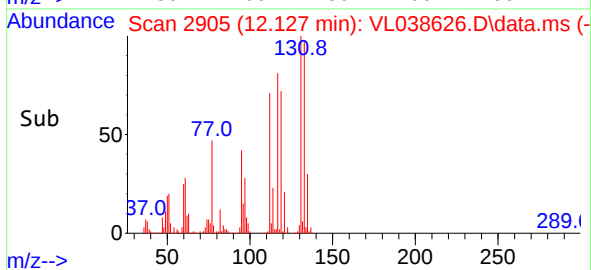
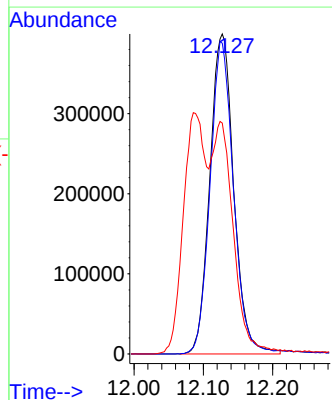
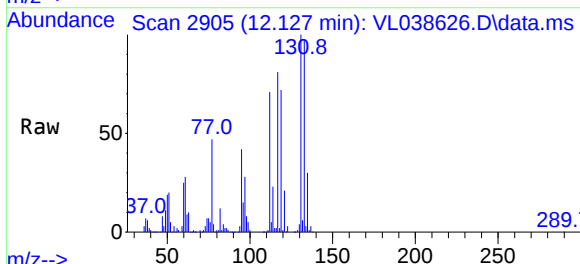
Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022

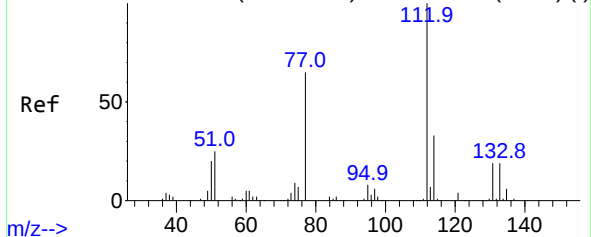


#56  
1,1,1,2-Tetrachloroethane  
Concen: 10.884 ppbv  
RT: 12.127 min Scan# 2905  
Delta R.T. 0.016 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Tgt Ion:131 Resp: 957895  
Ion Ratio Lower Upper  
131 100  
133 97.2 78.0 117.0  
119 64.6 53.1 79.7

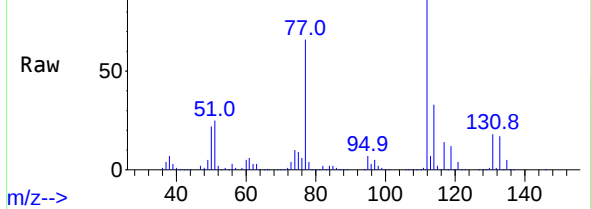


Abundance Scan 2907 (12.134 min): VL038553.D (-2887) (-)



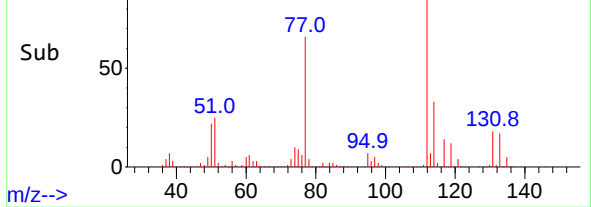
m/z-->

Abundance Scan 2912 (12.150 min): VL038626.D\data.ms



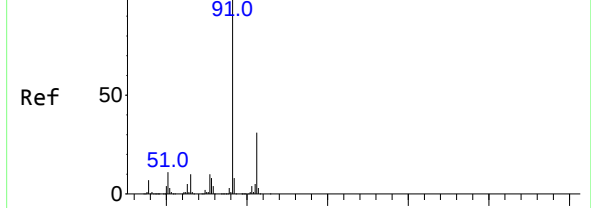
m/z-->

Abundance Scan 2912 (12.150 min): VL038626.D\data.ms (-



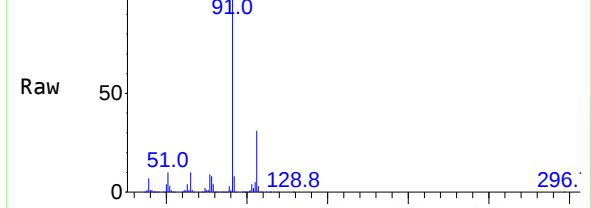
m/z-->

Abundance Scan 3082 (12.696 min): VL038553.D (-3062) (-)



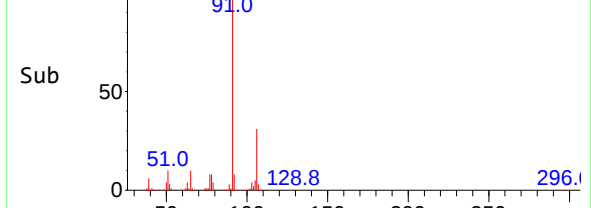
m/z-->

Abundance Scan 3086 (12.709 min): VL038626.D\data.ms



m/z-->

Abundance Scan 3086 (12.709 min): VL038626.D\data.ms (-



m/z-->

#57

Chlorobenzene

Concen: 10.655 ppbv

RT: 12.150 min Scan# 2912

Delta R.T. 0.016 min

Lab File: VL038626.D

Acq: 17 Mar 2022 14:15

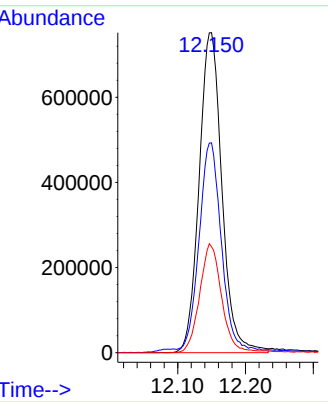
Tgt Ion: 112 Resp: 1757730

Ion Ratio Lower Upper

112 100

77 64.6 52.5 78.7

114 33.1 30.0 36.6



#58

Ethyl Benzene

Concen: 11.095 ppbv

RT: 12.709 min Scan# 3086

Delta R.T. 0.013 min

Lab File: VL038626.D

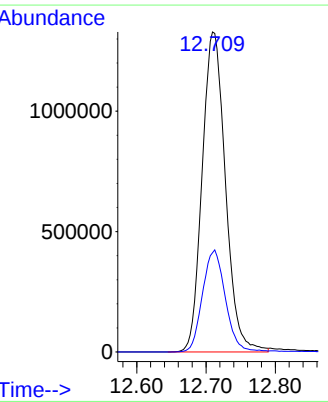
Acq: 17 Mar 2022 14:15

Tgt Ion: 91 Resp: 3103966

Ion Ratio Lower Upper

91 100

106 31.0 24.6 37.0



Instrument :

MSVOA\_L

ClientSampleId :

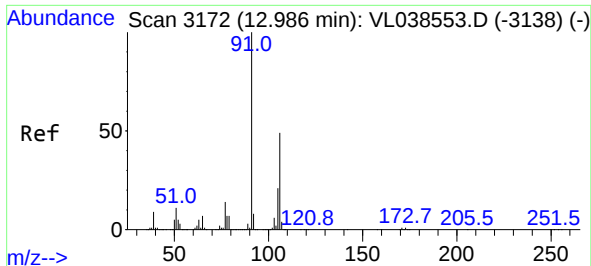
VL0317ABS01

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#59

m/p-Xylene

Concen: 21.592 ppbv m

RT: 12.995 min Scan# 3175

Delta R.T. 0.010 min

Lab File: VL038626.D

Acq: 17 Mar 2022 14:15

Instrument :

MSVOA\_L

ClientSampleId :

VL0317ABS01

Tgt Ion: 91 Resp: 5171418

Ion Ratio Lower Upper

91 100

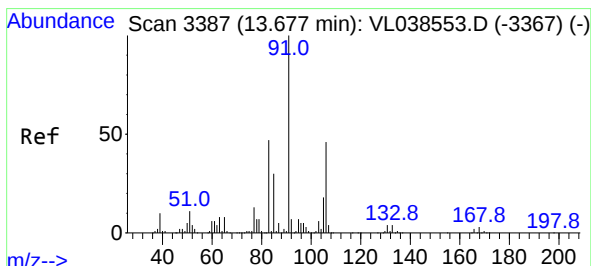
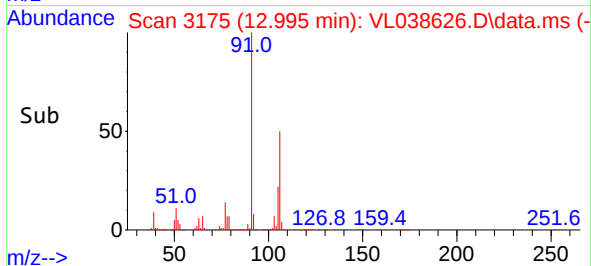
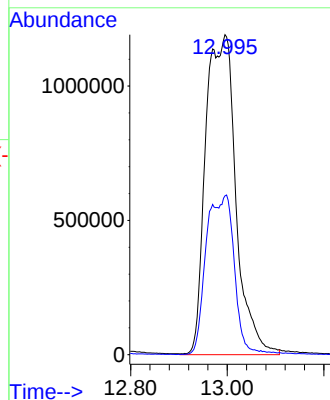
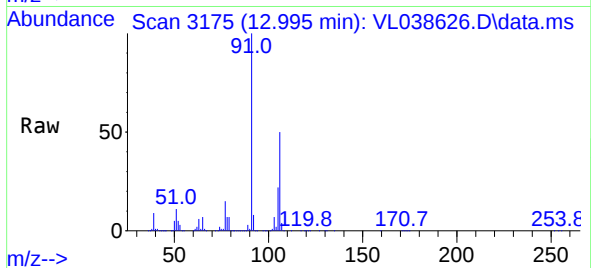
106 46.9 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#60

o-Xylene

Concen: 10.919 ppbv

RT: 13.693 min Scan# 3392

Delta R.T. 0.016 min

Lab File: VL038626.D

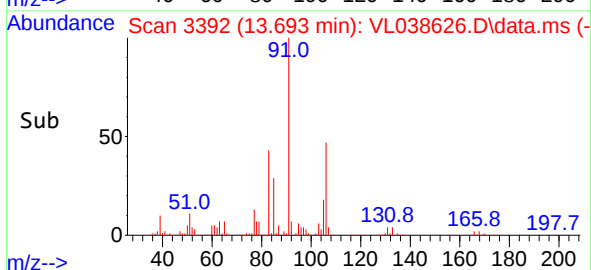
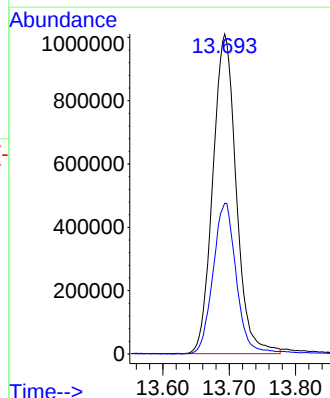
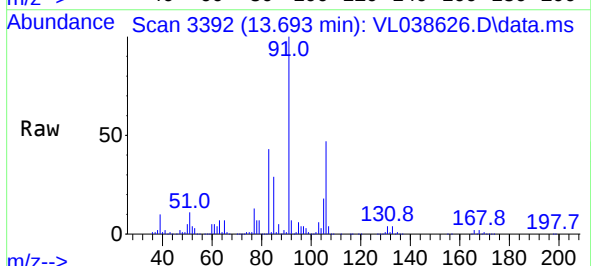
Acq: 17 Mar 2022 14:15

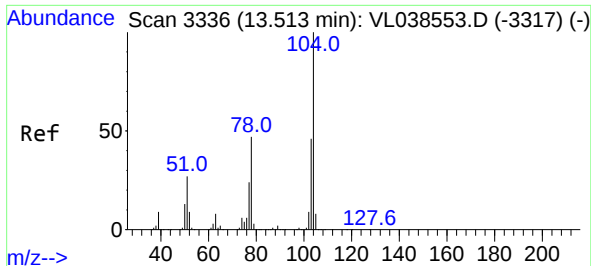
Tgt Ion: 91 Resp: 2469279

Ion Ratio Lower Upper

91 100

106 47.6 23.5 70.6





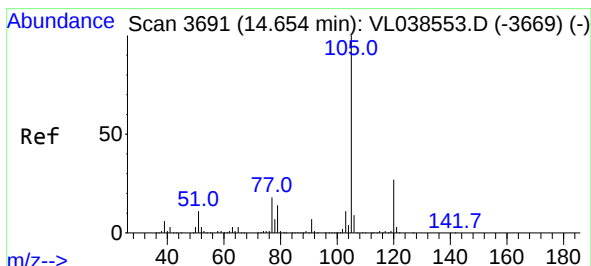
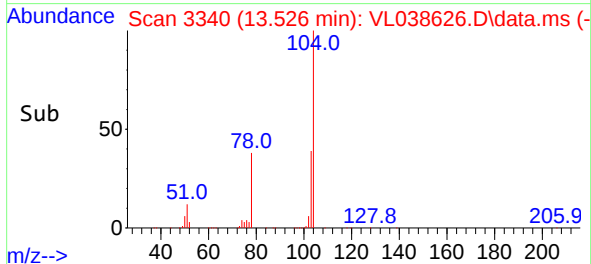
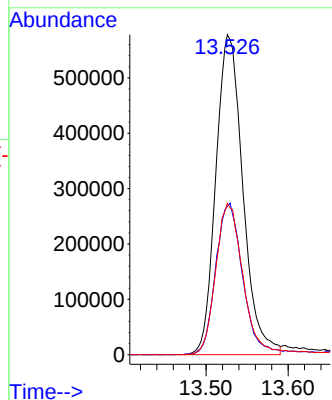
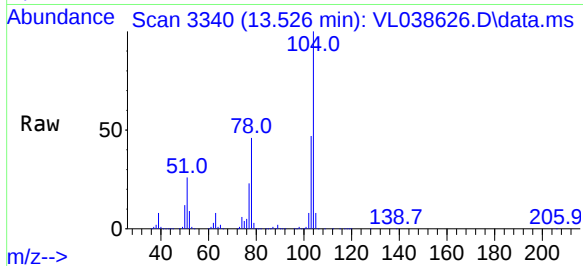
#61  
Styrene  
Concen: 11.887 ppbv  
RT: 13.526 min Scan# 31  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01

Tgt Ion:104 Resp: 132476  
Ion Ratio Lower Upper  
104 100  
78 48.4 39.0 58.4  
103 48.4 38.0 57.0

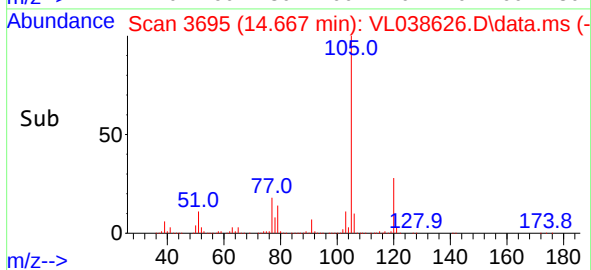
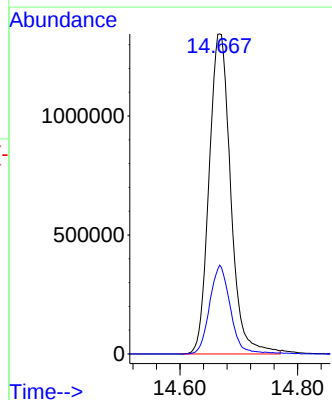
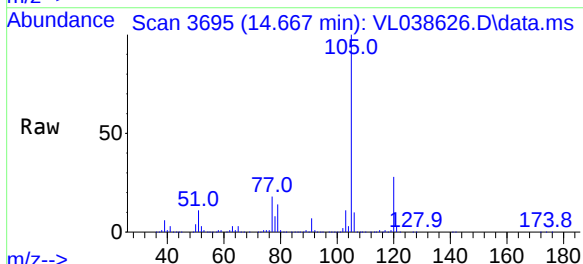
Manual Integrations  
APPROVED

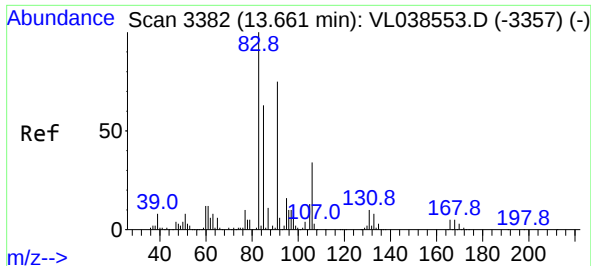
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022



#62  
Isopropylbenzene  
Concen: 10.996 ppbv  
RT: 14.667 min Scan# 3695  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

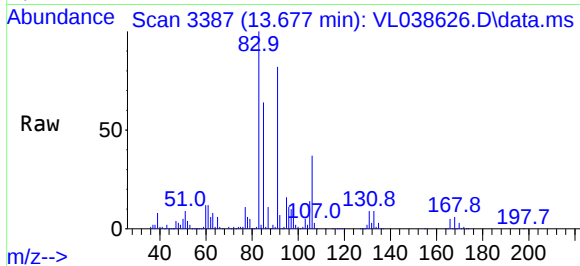
Tgt Ion:105 Resp: 3431459  
Ion Ratio Lower Upper  
105 100  
120 26.7 21.2 31.8





#63  
1,1,2,2-Tetrachloroethane  
Concen: 9.809 ppbv  
RT: 13.677 min Scan# 31  
Delta R.T. 0.016 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

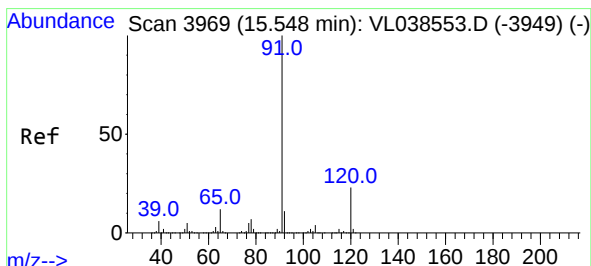
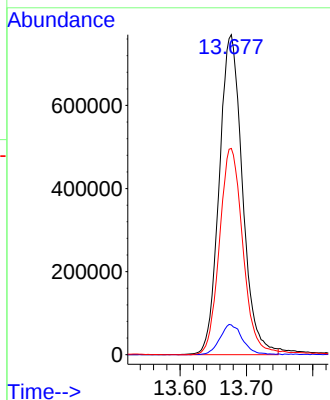
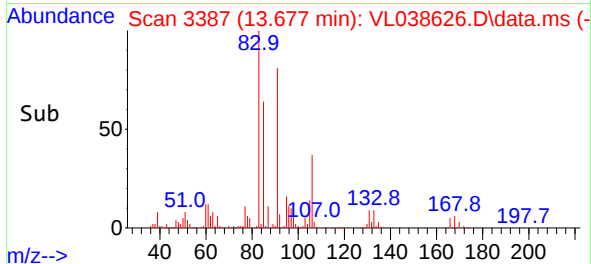
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01



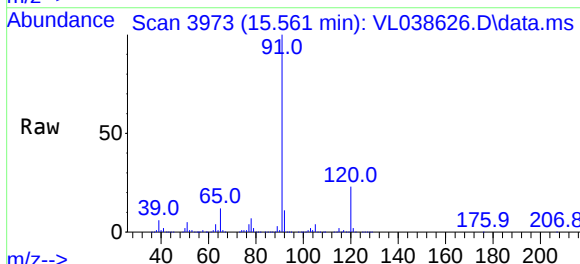
Tgt Ion: 83 Resp: 1874239  
Ion Ratio Lower Upper  
83 100  
131 9.4 4.7 14.1  
85 66.4 32.6 98.0

Manual Integrations  
APPROVED

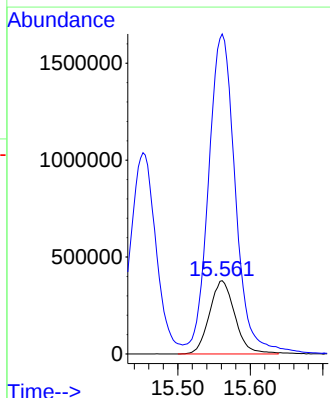
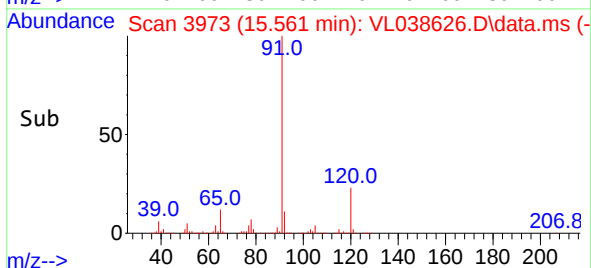
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022

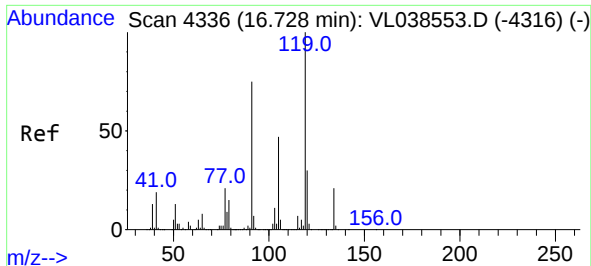


#64  
n-propylbenzene  
Concen: 11.582 ppbv  
RT: 15.561 min Scan# 3973  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15



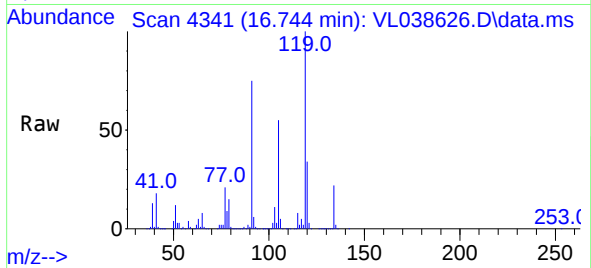
Tgt Ion:120 Resp: 921118  
Ion Ratio Lower Upper  
120 100  
91 464.1 374.2 561.2





#65  
tert-Butylbenzene  
Concen: 10.775 ppbv  
RT: 16.744 min Scan# 411  
Delta R.T. 0.016 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

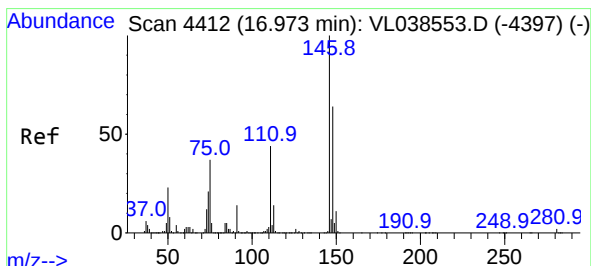
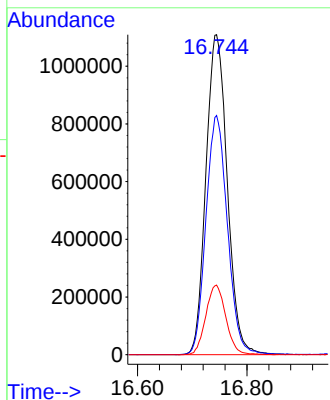
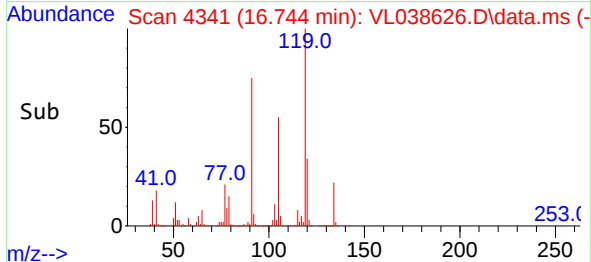
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01



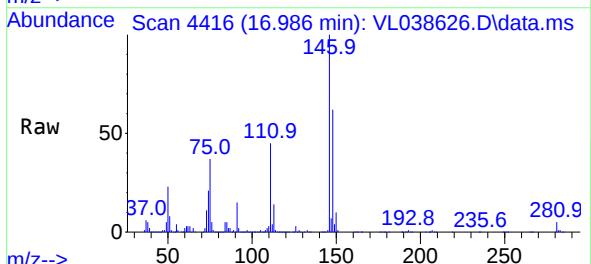
Tgt Ion: 119 Resp: 300688  
Ion Ratio Lower Upper  
119 100  
91 75.3 61.2 91.8  
134 20.5 16.2 24.2

Manual Integrations  
APPROVED

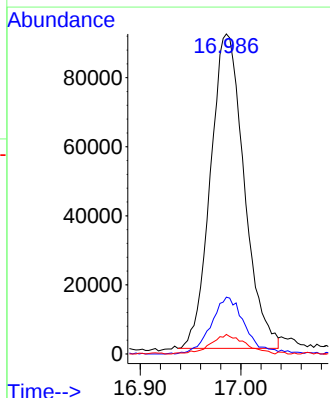
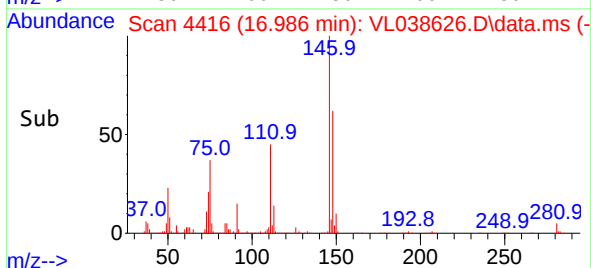
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022

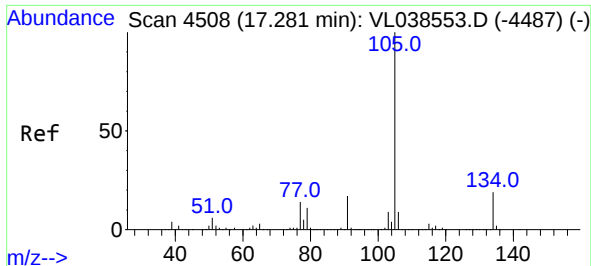


#66  
Benzyl Chloride  
Concen: 12.798 ppbv  
RT: 16.986 min Scan# 4416  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15



Tgt Ion: 91 Resp: 211612  
Ion Ratio Lower Upper  
91 100  
126 18.6 14.1 21.1  
128 6.6 5.1 7.7





#67  
 sec-Butylbenzene  
 Concen: 10.767 ppbv  
 RT: 17.291 min Scan# 41  
 Delta R.T. 0.010 min  
 Lab File: VL038626.D  
 Acq: 17 Mar 2022 14:15

Instrument :

MSVOA\_L

ClientSampleId :

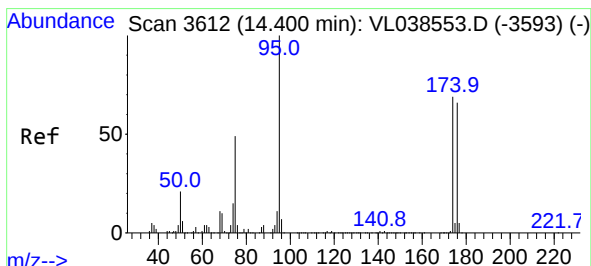
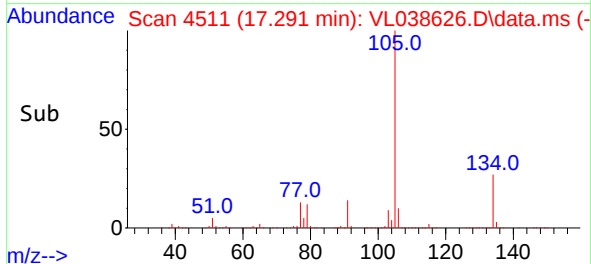
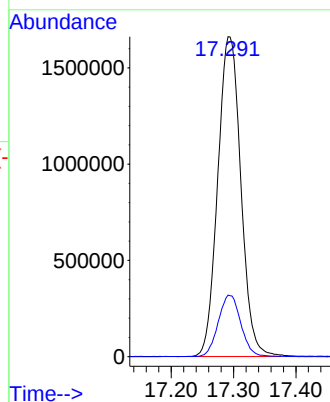
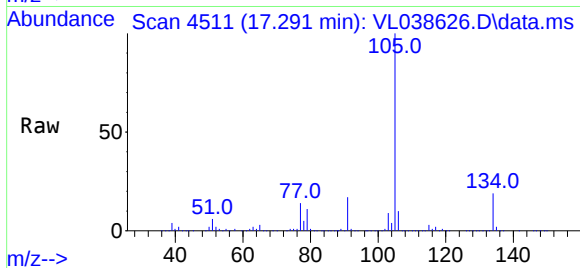
VL0317ABS01

Tgt Ion:105 Resp: 4270629  
 Ion Ratio Lower Upper  
 105 100  
 134 19.0 15.0 22.6

Manual Integrations

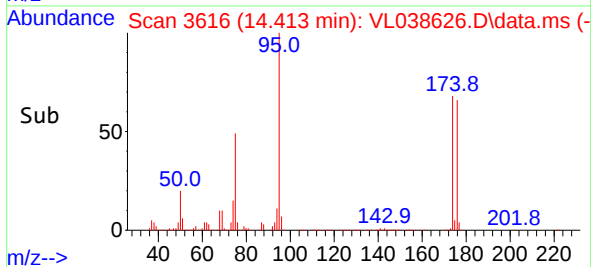
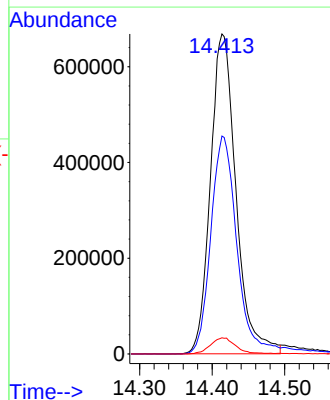
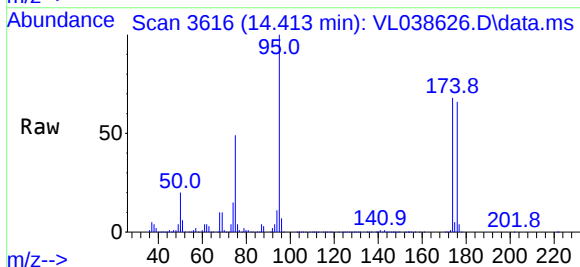
APPROVED

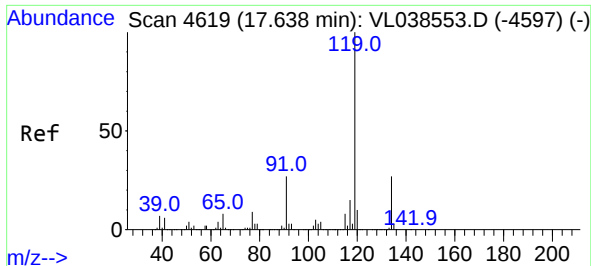
Reviewed By :Semsettin Yesilyurt 03/19/2022  
 Supervised By :Mahesh Dadoda 03/21/2022



#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 9.967 ppbv  
 RT: 14.413 min Scan# 3616  
 Delta R.T. 0.013 min  
 Lab File: VL038626.D  
 Acq: 17 Mar 2022 14:15

Tgt Ion: 95 Resp: 1637395  
 Ion Ratio Lower Upper  
 95 100  
 174 71.8 56.2 84.4  
 175 5.3 4.2 6.2





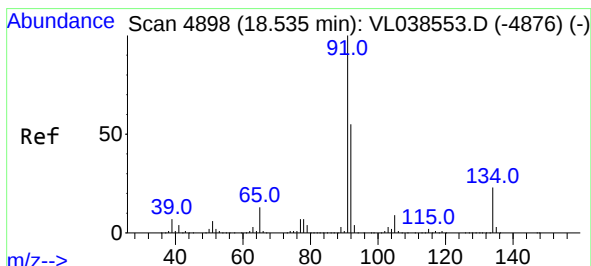
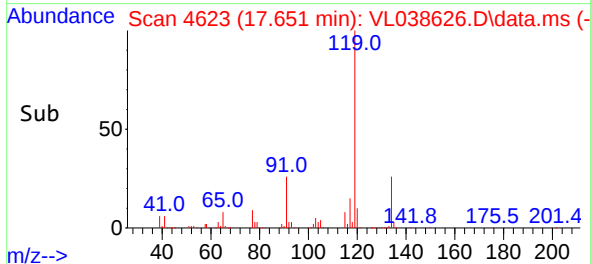
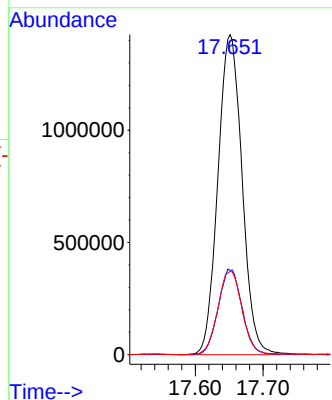
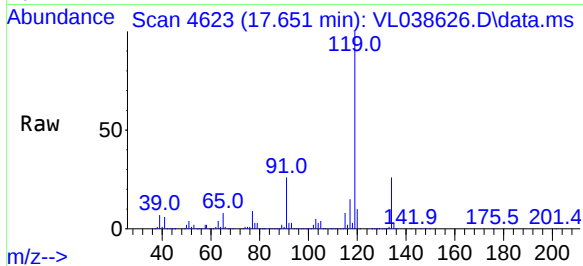
#69  
p-Isopropyltoluene  
Concen: 10.727 ppbv  
RT: 17.651 min Scan# 4090  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01

Tgt Ion:119 Resp: 352442  
Ion Ratio Lower Upper  
119 100  
134 26.5 20.9 31.3  
91 26.2 21.1 31.7

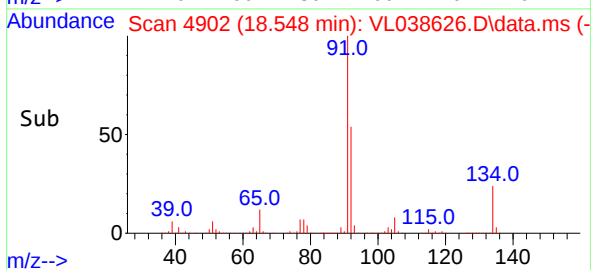
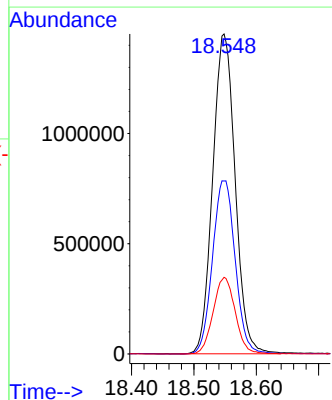
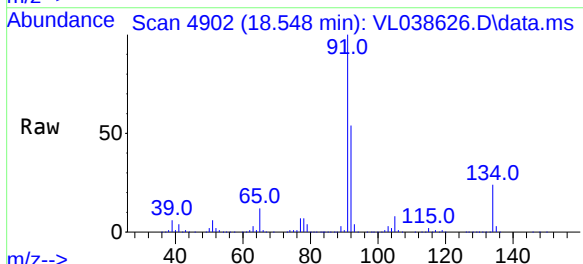
Manual Integrations  
APPROVED

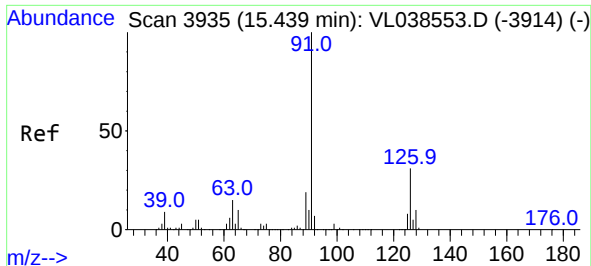
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022



#70  
n-Butylbenzene  
Concen: 10.370 ppbv  
RT: 18.548 min Scan# 4902  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Tgt Ion: 91 Resp: 3628908  
Ion Ratio Lower Upper  
91 100  
92 55.1 43.8 65.8  
134 23.6 18.7 28.1





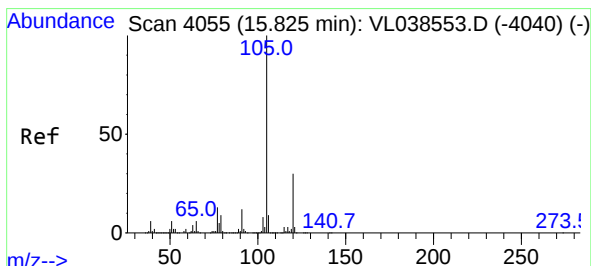
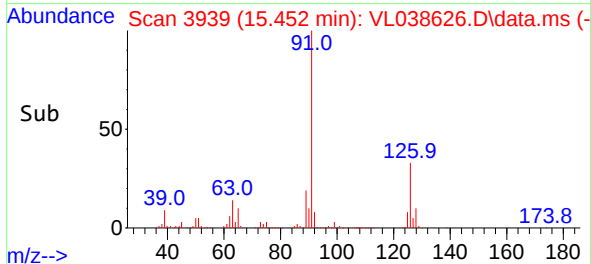
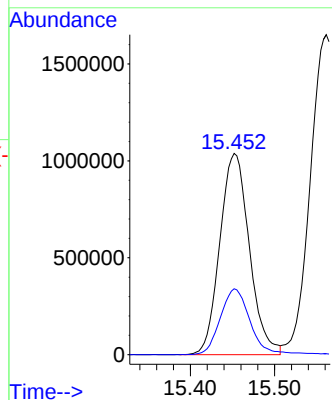
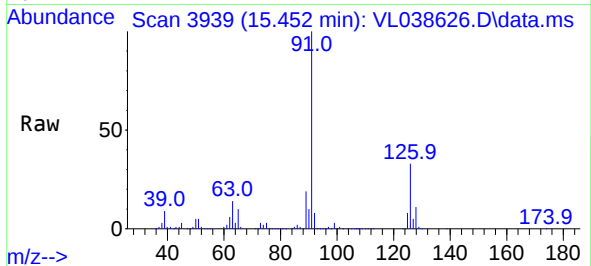
#71  
2-Chlorotoluene  
Concen: 10.902 ppbv  
RT: 15.452 min Scan# 3935  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01

Tgt Ion: 91 Resp: 252591  
Ion Ratio Lower Upper  
91 100  
126 33.6 12.9 51.7

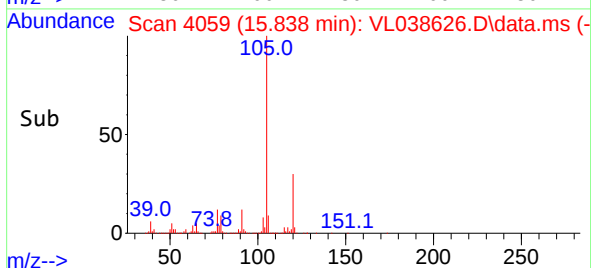
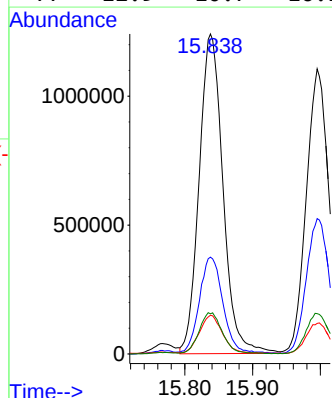
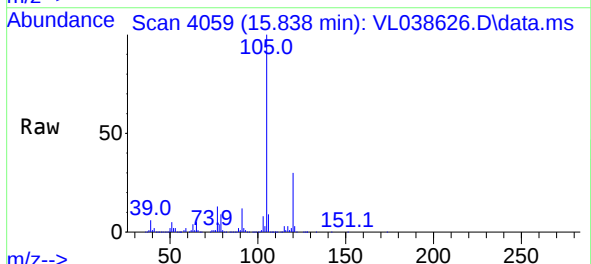
Manual Integrations  
APPROVED

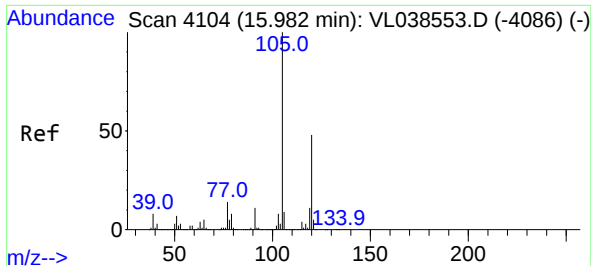
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022



#72  
4-Ethyltoluene  
Concen: 11.663 ppbv  
RT: 15.838 min Scan# 4059  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Tgt Ion:105 Resp: 3029808  
Ion Ratio Lower Upper  
105 100  
120 30.3 25.0 37.4  
91 11.7 9.8 14.6  
77 12.9 10.7 16.1





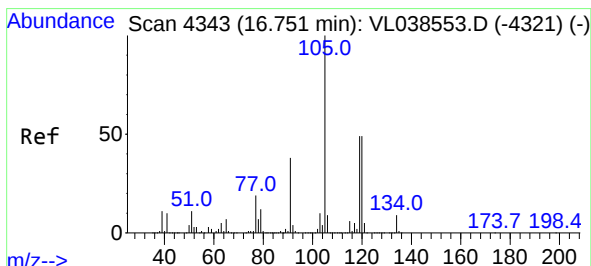
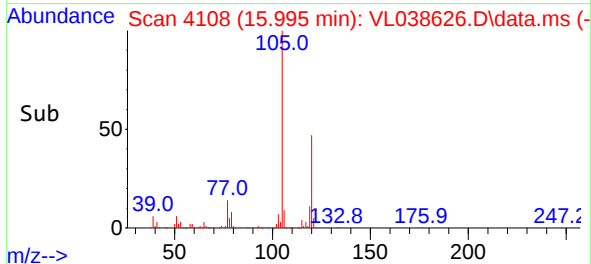
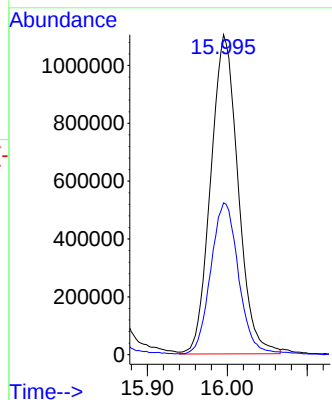
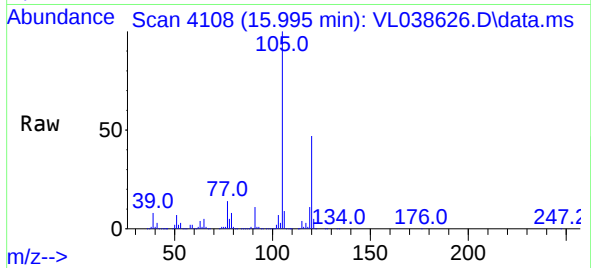
#73  
1,3,5-Trimethylbenzene  
Concen: 10.885 ppbv  
RT: 15.995 min Scan# 4108  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01

Tgt Ion:105 Resp: 2624884  
Ion Ratio Lower Upper  
105 100  
120 47.5 38.3 57.5

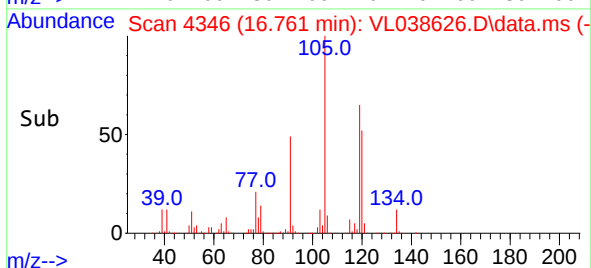
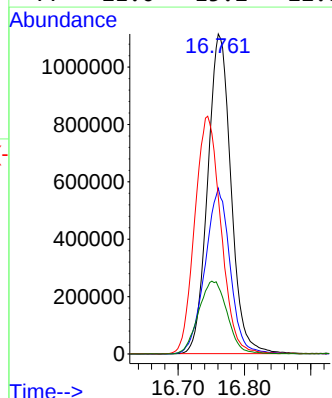
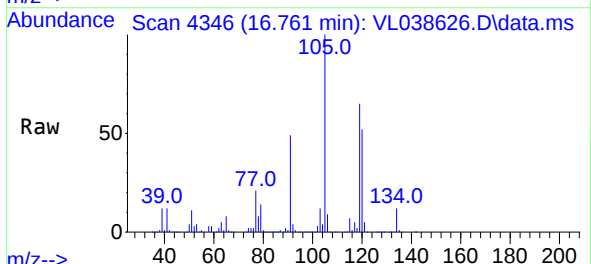
Manual Integrations  
APPROVED

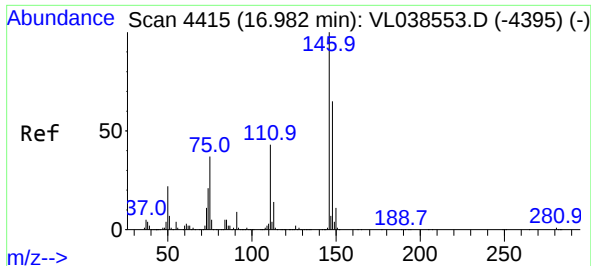
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022



#74  
1,2,4-Trimethylbenzene  
Concen: 10.560 ppbv  
RT: 16.761 min Scan# 4346  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

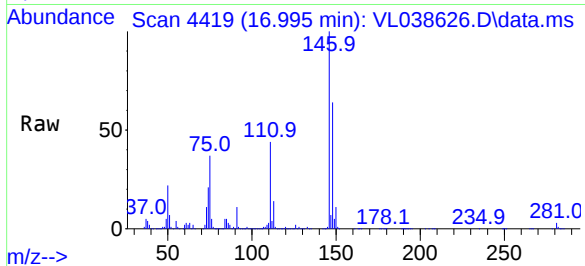
Tgt Ion:105 Resp: 2720531  
Ion Ratio Lower Upper  
105 100  
120 51.5 38.9 58.3  
91 48.9 30.6 46.0#  
77 21.0 15.2 22.8





#75  
1,3-Dichlorobenzene  
Concen: 10.760 ppbv  
RT: 16.995 min Scan# 4419  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

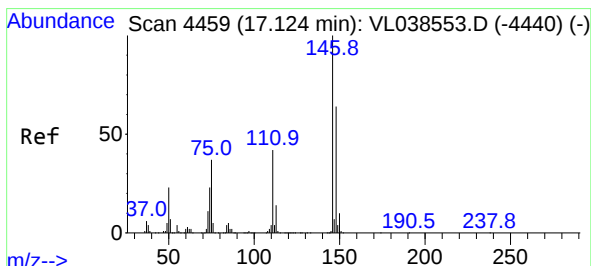
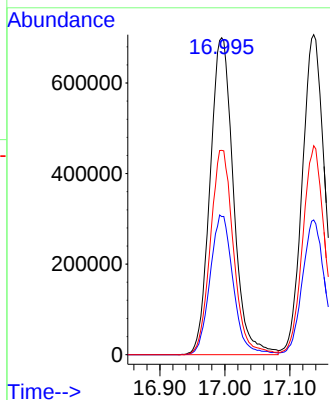
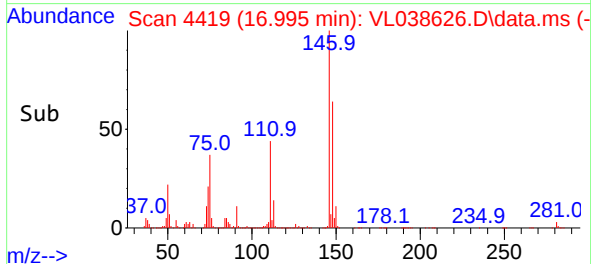
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01



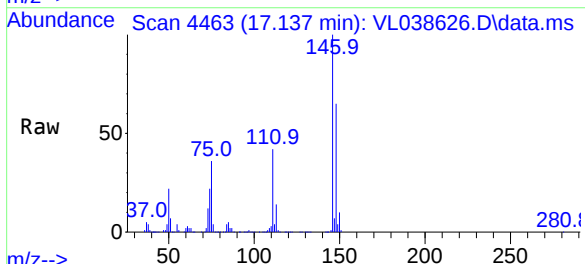
Tgt Ion:146 Resp: 1748904  
Ion Ratio Lower Upper  
146 100  
111 43.6 21.9 65.8  
148 63.9 32.2 96.6

Manual Integrations  
APPROVED

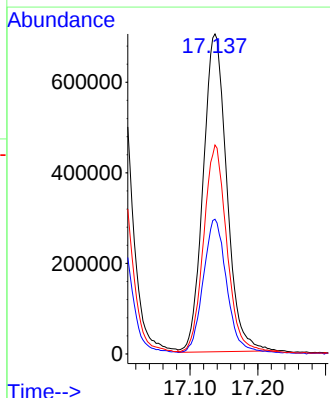
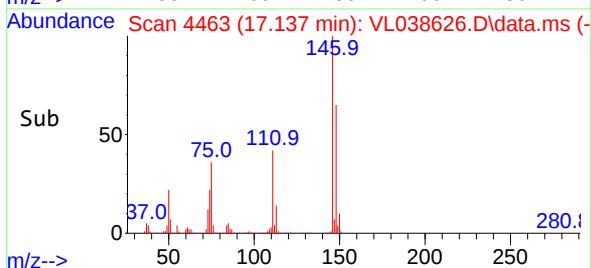
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022

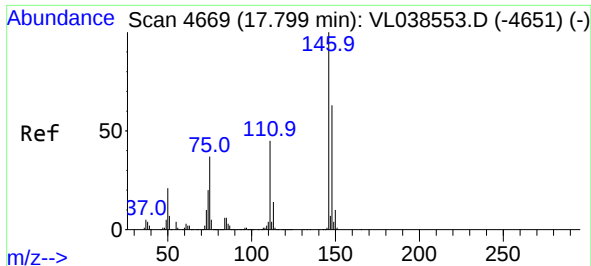


#76  
1,4-Dichlorobenzene  
Concen: 10.586 ppbv  
RT: 17.137 min Scan# 4463  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15



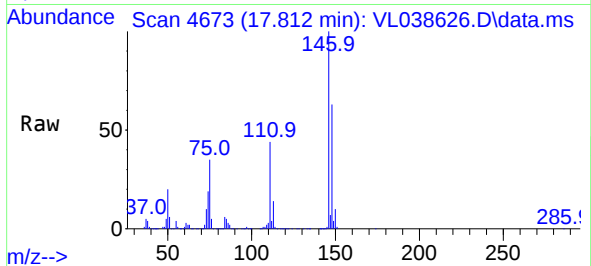
Tgt Ion:146 Resp: 1704401  
Ion Ratio Lower Upper  
146 100  
111 43.3 21.8 65.3  
148 65.6 32.8 98.4





#77  
1,2-Dichlorobenzene  
Concen: 10.244 ppbv  
RT: 17.812 min Scan# 4000  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

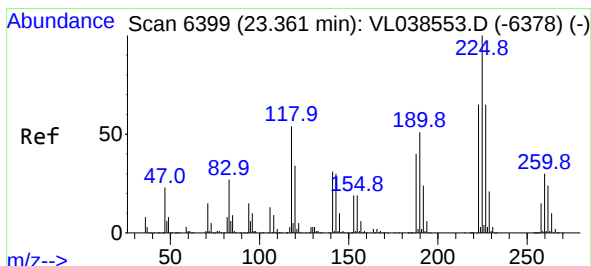
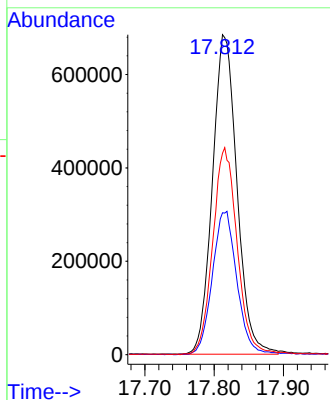
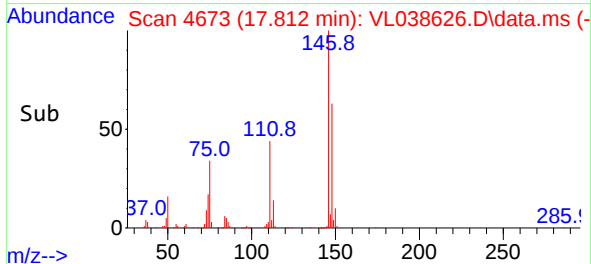
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01



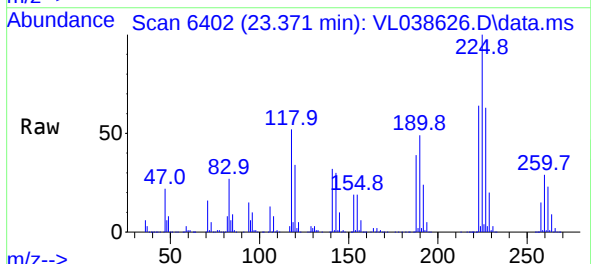
Tgt Ion:146 Resp: 1684439  
Ion Ratio Lower Upper  
146 100  
111 45.3 23.2 69.5  
148 64.5 32.6 98.0

Manual Integrations  
APPROVED

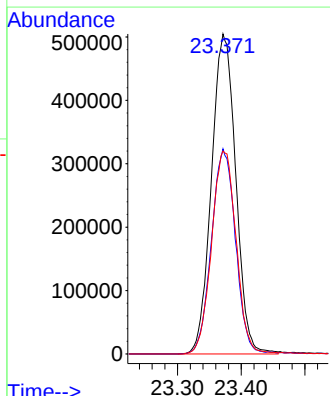
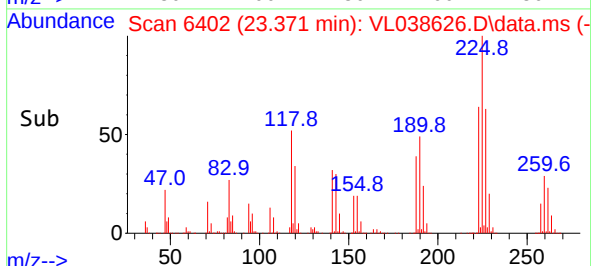
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022

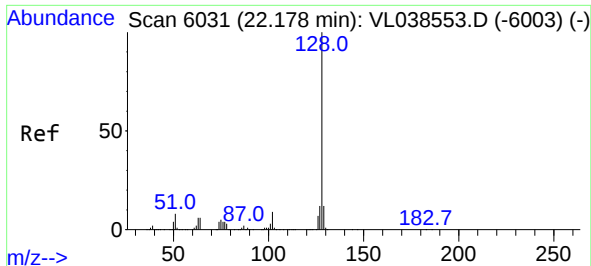


#78  
Hexachloro-1,3-Butadiene  
Concen: 8.340 ppbv  
RT: 23.371 min Scan# 6402  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15



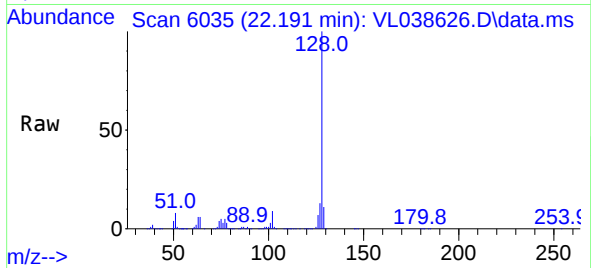
Tgt Ion:225 Resp: 1337650  
Ion Ratio Lower Upper  
225 100  
223 63.9 51.4 77.0  
227 64.6 51.9 77.9





#79  
Naphthalene  
Concen: 10.988 ppbv  
RT: 22.191 min Scan# 6035  
Delta R.T. 0.013 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15

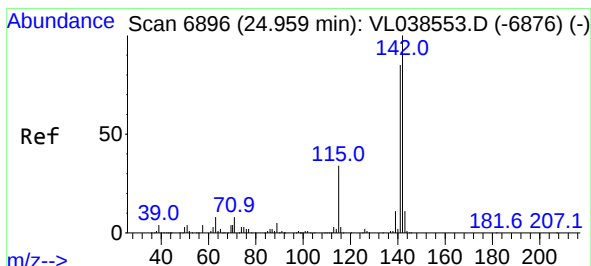
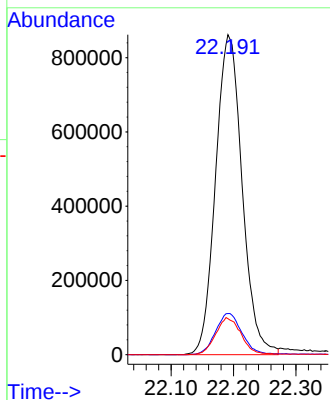
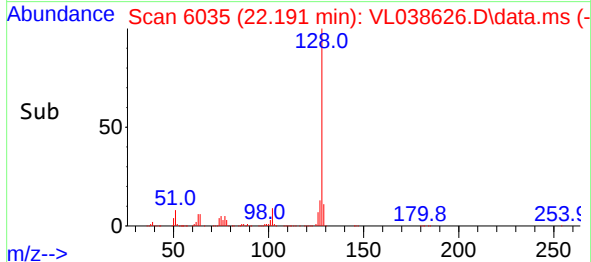
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0317ABS01



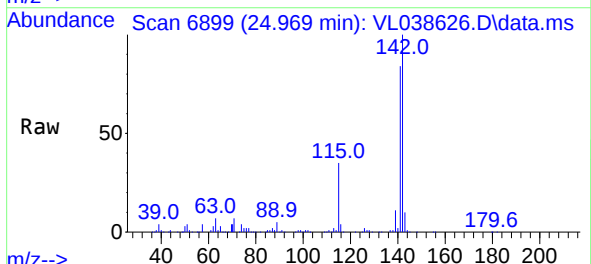
Tgt Ion:128 Resp: 254640  
Ion Ratio Lower Upper  
128 100  
127 12.8 9.9 14.9  
129 11.2 9.3 13.9

Manual Integrations  
APPROVED

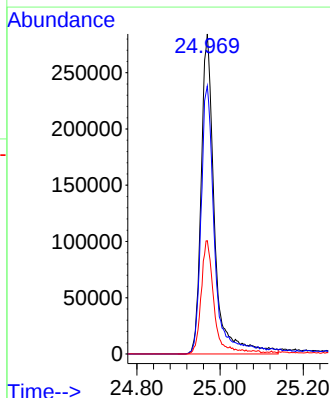
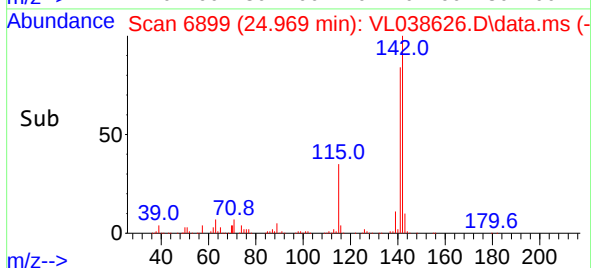
Reviewed By :Semsettin Yesilyurt 03/19/2022  
Supervised By :Mahesh Dadoda 03/21/2022

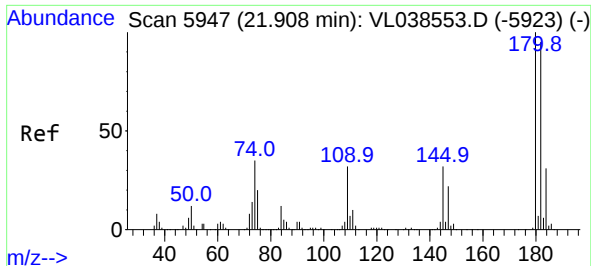


#80  
Naphthalene,2-methyl-  
Concen: 15.581 ppbv  
RT: 24.969 min Scan# 6899  
Delta R.T. 0.010 min  
Lab File: VL038626.D  
Acq: 17 Mar 2022 14:15



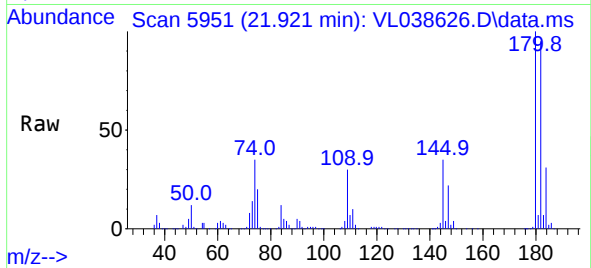
Tgt Ion:142 Resp: 637346  
Ion Ratio Lower Upper  
142 100  
141 85.9 68.4 102.6  
115 33.1 27.9 41.9





#81  
 1,2,4-Trichlorobenzene  
 Concen: 9.717 ppbv  
 RT: 21.921 min Scan# 5951  
 Delta R.T. 0.013 min  
 Lab File: VL038626.D  
 Acq: 17 Mar 2022 14:15

Instrument : MSVOA\_L  
 ClientSampleId : VL0317ABS01



Tgt Ion:180 Resp: 1438974  
 Ion Ratio Lower Upper  
 180 100  
 182 98.6 79.1 118.7  
 184 31.4 25.0 37.6

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022  
 Supervised By :Mahesh Dadoda 03/21/2022

