

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL122123\  
 Data File : VL040945.D  
 Acq On : 22 Dec 2023 00:49  
 Operator : SY/MD  
 Sample : 05848-03 4X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :

Quant Time: Dec 22 03:41:40 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL122023AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Thu Dec 21 07:32:42 2023  
 Response via : Initial Calibration

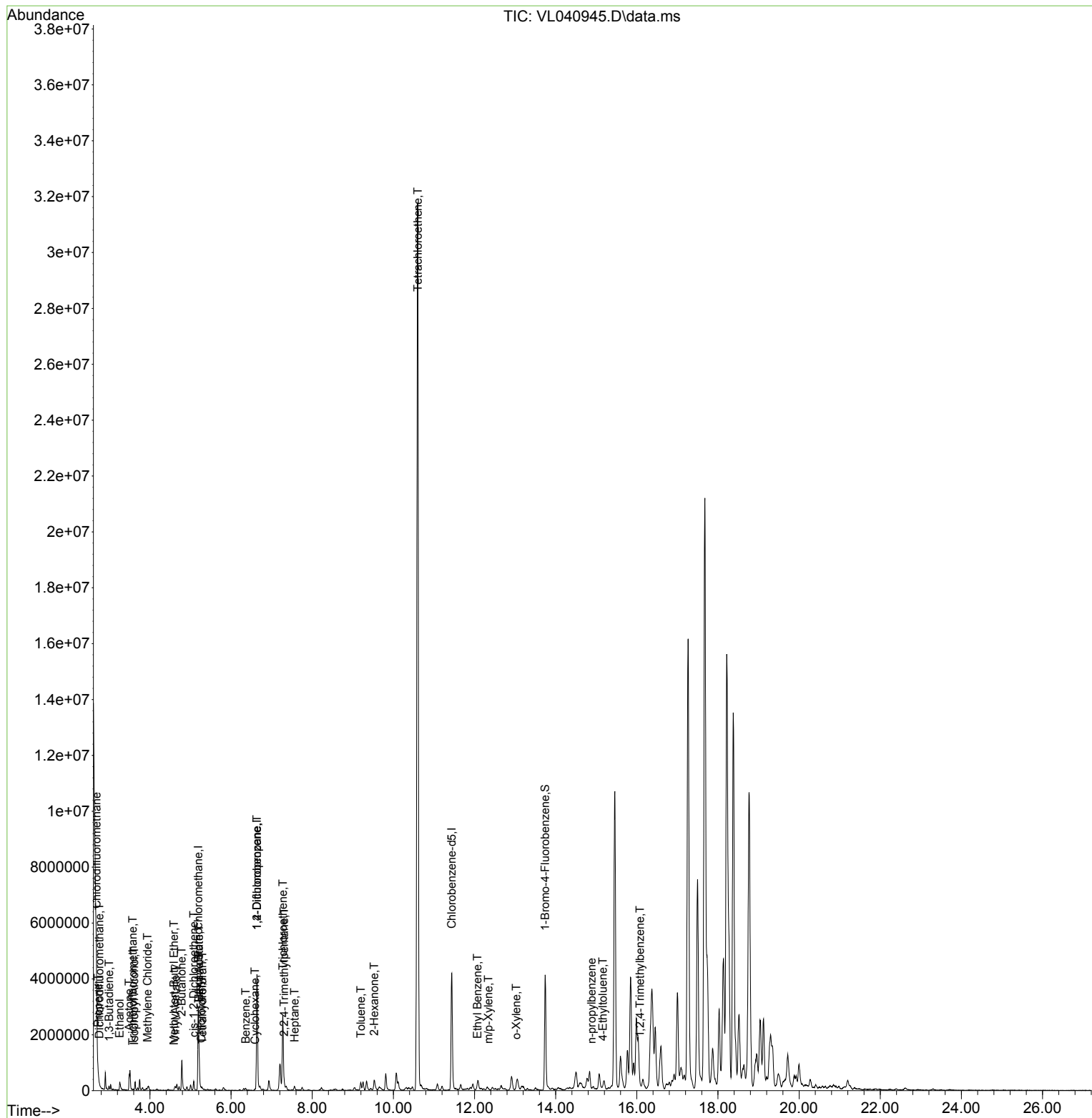
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.192  | 49    | 1210173  | 10.000   | ppbv   | 0.02     |
| 33) 1,4-Difluorobenzene     | 6.639  | 114   | 3179762  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.439 | 117   | 2839866  | 10.000   | ppbv   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.741 | 95    | 2122941  | 10.149   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 101.500% |
| Target Compounds            |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane  | 2.755  | 85    | 26418    | 0.115    | ppbv   | 93       |
| 3) Chlorodifluoromethane    | 2.681  | 51    | 445626   | 2.447    | ppbv # | 60       |
| 9) Propene                  | 2.726  | 41    | 21084    | 0.351    | ppbv # | 15       |
| 10) Heptane                 | 7.565  | 43    | 29937    | 0.200    | ppbv # | 7        |
| 11) Trichlorofluoromethane  | 3.575  | 101   | 6515     | 0.036    | ppbv   | 90       |
| 13) Ethanol                 | 3.256  | 45    | 326677   | 21.550   | ppbv   | 99       |
| 15) Acetone                 | 3.491  | 43    | 609315   | 4.198    | ppbv   | 96       |
| 16) 1,3-Butadiene           | 2.993  | 39    | 28585    | 0.457    | ppbv # | 27       |
| 19) Isopropyl Alcohol       | 3.613  | 45    | 3531     | 0.047    | ppbv # | 95       |
| 20) Methylene Chloride      | 3.944  | 84    | 36405    | 0.704    | ppbv   | 82       |
| 23) Vinyl Acetate           | 4.629  | 43    | 155768   | 0.973    | ppbv # | 84       |
| 25) Ethyl Acetate           | 5.211  | 43    | 283868   | 1.129    | ppbv # | 86       |
| 26) Hexane                  | 5.211  | 57    | 327991   | 2.943    | ppbv # | 41       |
| 28) Methyl tert-Butyl Ether | 4.594  | 73    | 4876     | 0.047    | ppbv # | 53       |
| 29) Chloroform              | 5.269  | 83    | 21915    | 0.117    | ppbv   | 86       |
| 30) Cyclohexane             | 6.594  | 84    | 12735    | 0.137    | ppbv   | 92       |
| 31) cis-1,2-Dichloroethene  | 5.079  | 61    | 165860   | 1.449    | ppbv   | 97       |
| 34) 2-Butanone              | 4.784  | 43    | 1275257  | 7.581    | ppbv   | 100      |
| 36) Benzene                 | 6.362  | 78    | 55048    | 0.221    | ppbv # | 92       |
| 38) Trichloroethene         | 7.275  | 130   | 799817   | 8.567    | ppbv   | 98       |
| 39) 1,2-Dichloropropane     | 6.639  | 63    | 773399   | 7.918    | ppbv # | 24       |
| 41) Tetrahydrofuran         | 5.295  | 42    | 3529     | 0.034    | ppbv # | 51       |
| 44) 2,2,4-Trimethylpentane  | 7.311  | 57    | 129110   | 0.306    | ppbv # | 22       |
| 51) 2-Hexanone              | 9.529  | 43    | 345591   | 1.885    | ppbv   | 96       |
| 52) Tetrachloroethene       | 10.600 | 164   | 8987368  | 107.331  | ppbv   | 92       |
| 53) Toluene                 | 9.195  | 91    | 191025   | 0.693    | ppbv   | 100      |
| 58) Ethyl Benzene           | 12.069 | 91    | 13010    | 0.036    | ppbv   | 99       |
| 59) m/p-Xylene              | 12.343 | 91    | 13851    | 0.045    | ppbv # | 100      |
| 60) o-Xylene                | 13.028 | 91    | 44091    | 0.151    | ppbv   | 97       |
| 64) n-propylbenzene         | 14.886 | 120   | 3376     | 0.031    | ppbv # | 1        |
| 72) 4-Ethyltoluene          | 15.163 | 105   | 22084    | 0.069    | ppbv # | 81       |
| 74) 1,2,4-Trimethylbenzene  | 16.079 | 105   | 32132    | 0.104    | ppbv # | 66       |

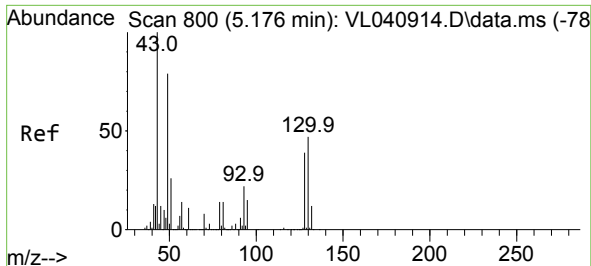
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL122123\  
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ClientSampleId :

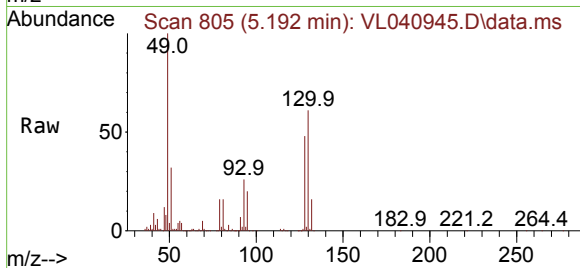
Quant Time: Dec 22 03:41:40 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL122023AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
QLast Update : Thu Dec 21 07:32:42 2023  
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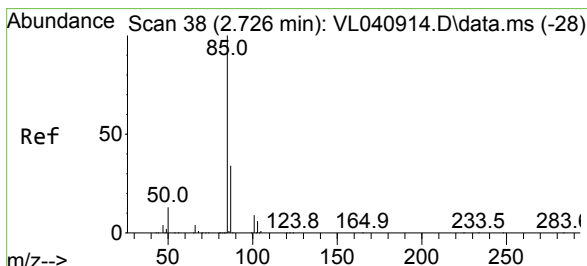
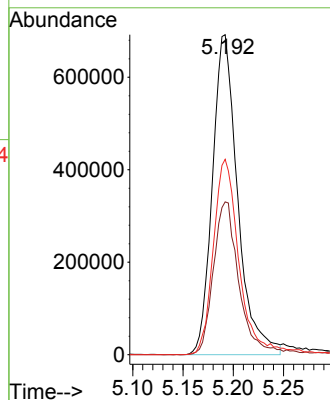
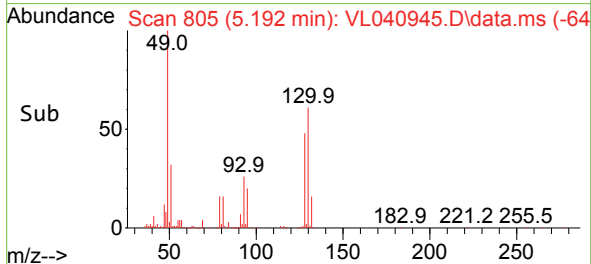


#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.192 min Scan# 80  
Delta R.T. 0.016 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

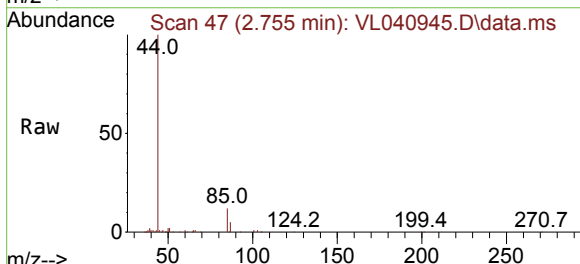
Instrument :  
MSVOA\_L  
ClientSampleId :



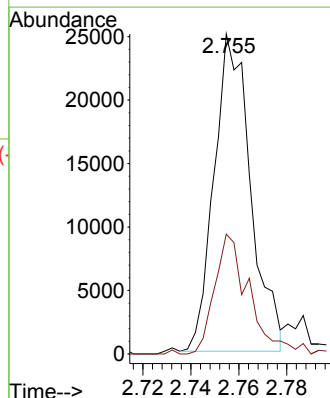
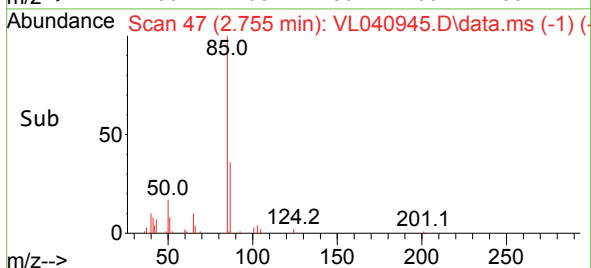
Tgt Ion: 49 Resp: 1210173  
Ion Ratio Lower Upper  
49 100  
128 50.1 23.8 71.2  
130 63.8 30.1 90.5

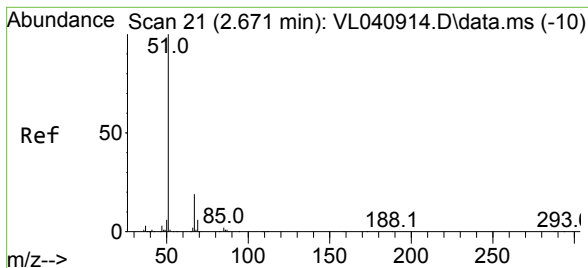


#2  
Dichlorodifluoromethane  
Concen: 0.115 ppbv  
RT: 2.755 min Scan# 47  
Delta R.T. 0.029 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49



Tgt Ion: 85 Resp: 26418  
Ion Ratio Lower Upper  
85 100  
87 37.8 27.0 40.6

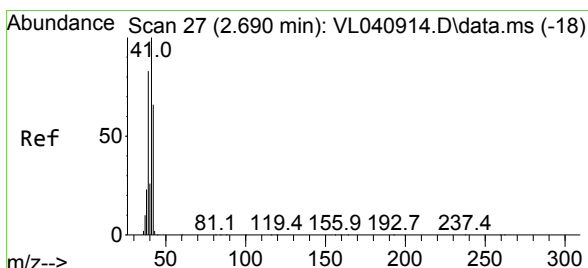
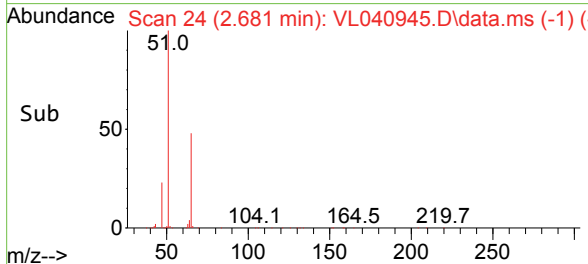
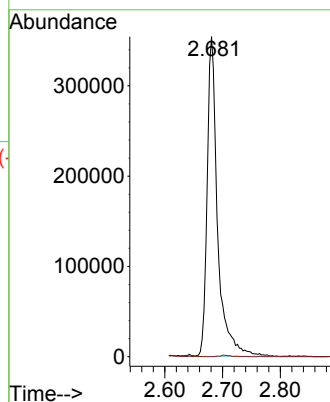
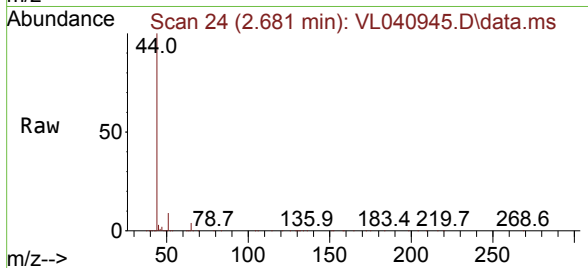




#3  
Chlorodifluoromethane  
Concen: 2.447 ppbv  
RT: 2.681 min Scan# 24  
Delta R.T. 0.010 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

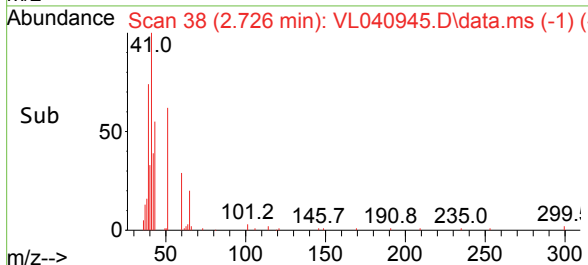
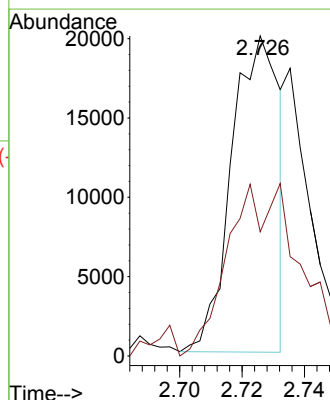
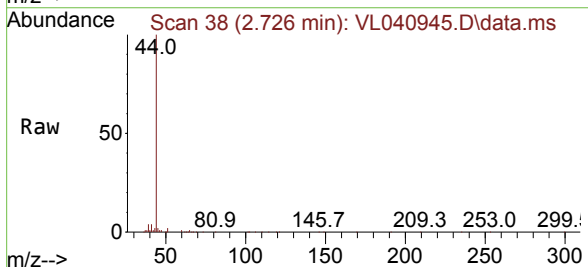
Instrument :  
MSVOA\_L  
ClientSampleId :

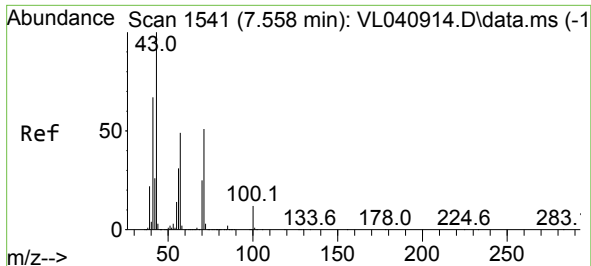
Tgt Ion: 51 Resp: 445626  
Ion Ratio Lower Upper  
51 100  
67 0.5 14.7 22.1#



#9  
Propene  
Concen: 0.351 ppbv  
RT: 2.726 min Scan# 38  
Delta R.T. 0.036 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

Tgt Ion: 41 Resp: 21084  
Ion Ratio Lower Upper  
41 100  
42 0.0 55.8 83.6#

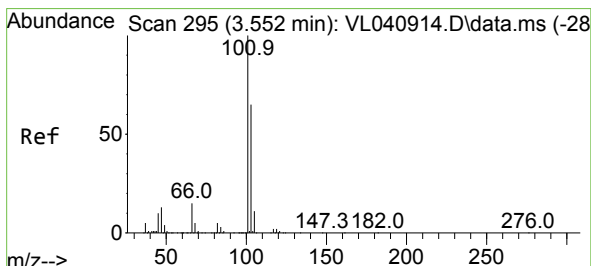
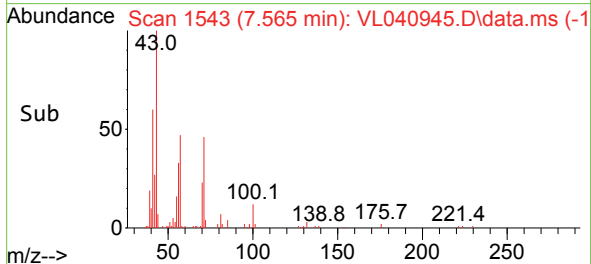
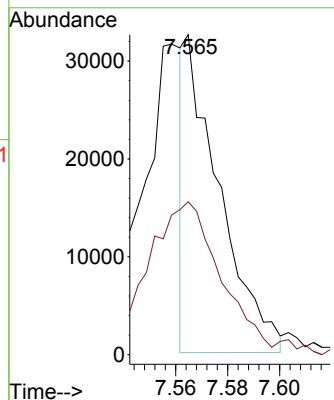
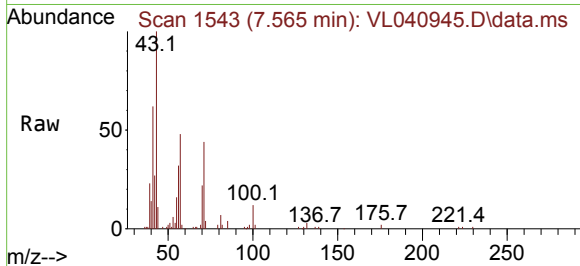




#10  
Heptane  
Concen: 0.200 ppbv  
RT: 7.565 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

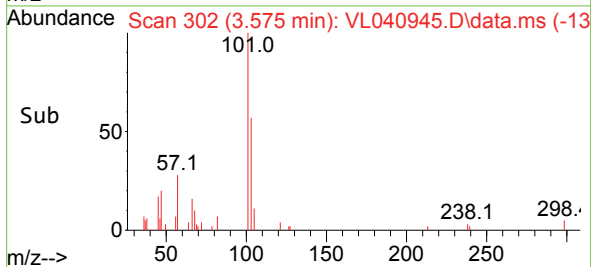
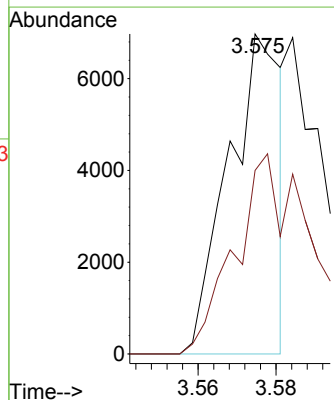
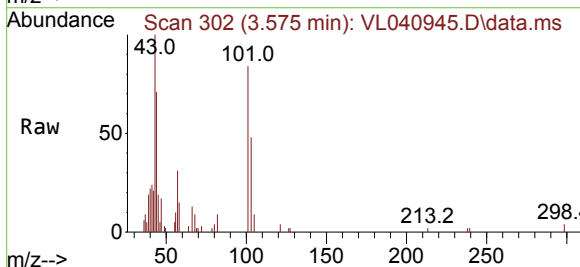
Instrument :  
MSVOA\_L  
ClientSampleId :

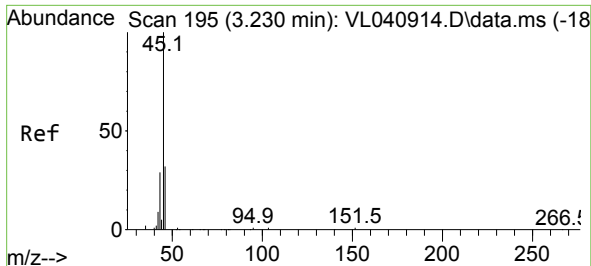
Tgt Ion: 43 Resp: 29937  
Ion Ratio Lower Upper  
43 100  
57 112.4 39.3 58.9#



#11  
Trichlorofluoromethane  
Concen: 0.036 ppbv  
RT: 3.575 min Scan# 302  
Delta R.T. 0.023 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

Tgt Ion:101 Resp: 6515  
Ion Ratio Lower Upper  
101 100  
103 57.3 51.9 77.9

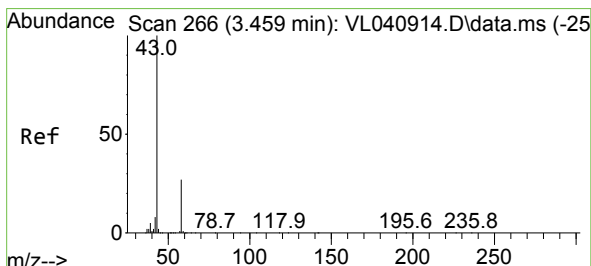
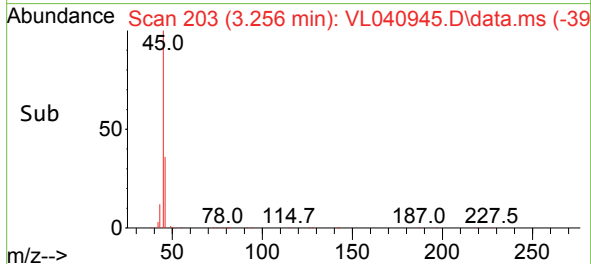
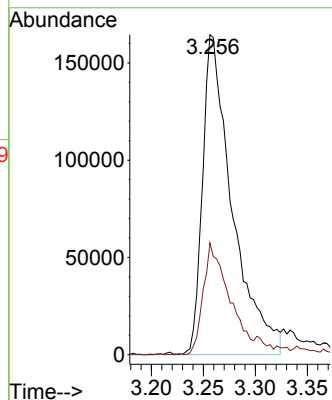
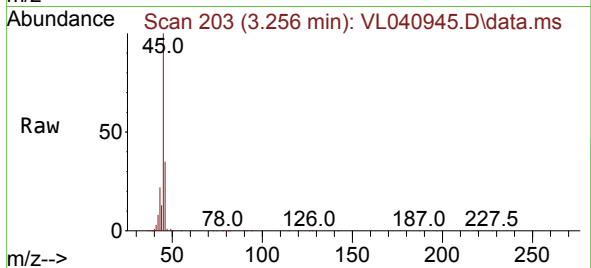




#13  
 Ethanol  
 Concen: 21.550 ppbv  
 RT: 3.256 min Scan# 20  
 Delta R.T. 0.026 min  
 Lab File: VL040945.D  
 Acq: 22 Dec 2023 00:49

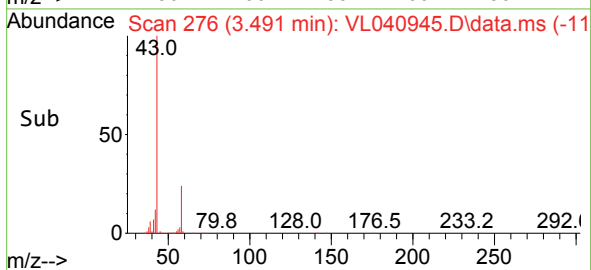
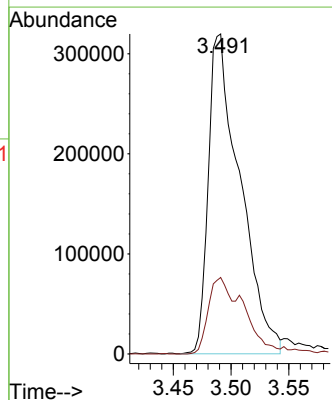
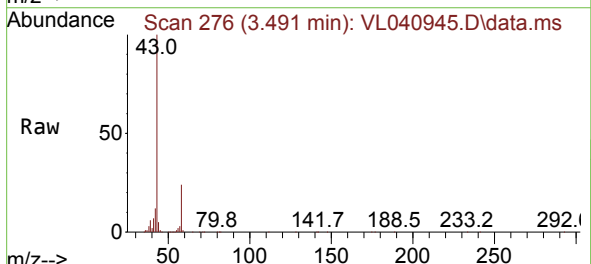
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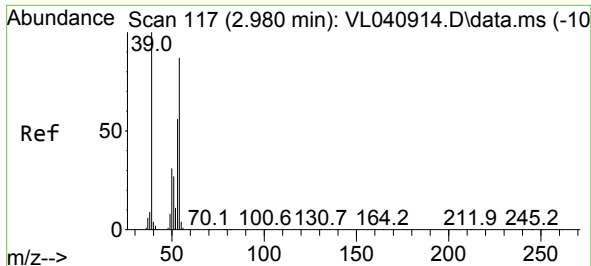
Tgt Ion: 45 Resp: 326677  
 Ion Ratio Lower Upper  
 45 100  
 46 36.8 15.0 60.0



#15  
 Acetone  
 Concen: 4.198 ppbv  
 RT: 3.491 min Scan# 276  
 Delta R.T. 0.032 min  
 Lab File: VL040945.D  
 Acq: 22 Dec 2023 00:49

Tgt Ion: 43 Resp: 609315  
 Ion Ratio Lower Upper  
 43 100  
 58 27.9 20.6 30.8





#16

1,3-Butadiene

Concen: 0.457 ppbv

RT: 2.993 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL040945.D

Acq: 22 Dec 2023 00:49

Instrument :

MSVOA\_L

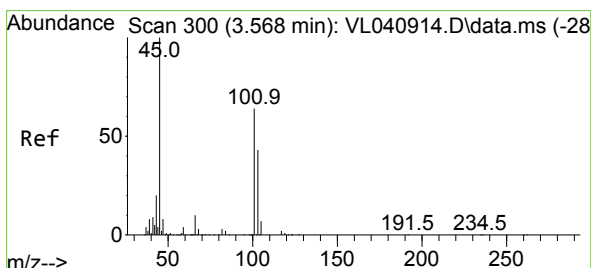
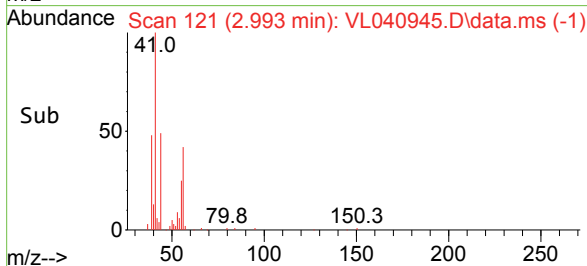
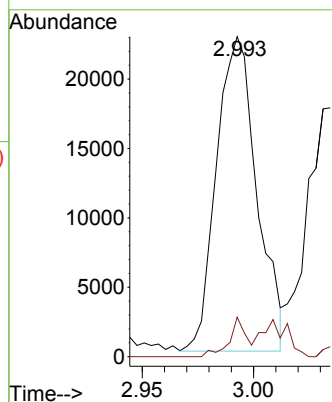
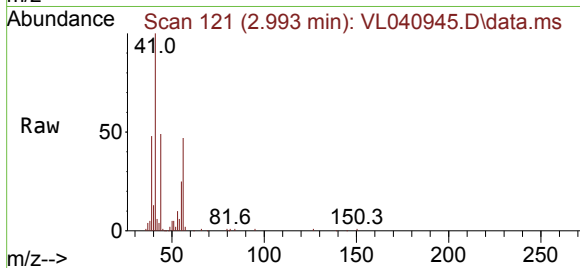
ClientSampleId :

Tgt Ion: 39 Resp: 28585

Ion Ratio Lower Upper

39 100

54 15.3 63.8 95.6#



#19

Isopropyl Alcohol

Concen: 0.047 ppbv

RT: 3.613 min Scan# 314

Delta R.T. 0.045 min

Lab File: VL040945.D

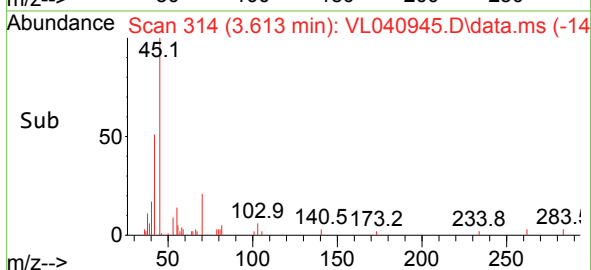
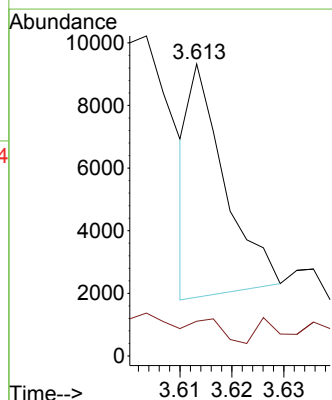
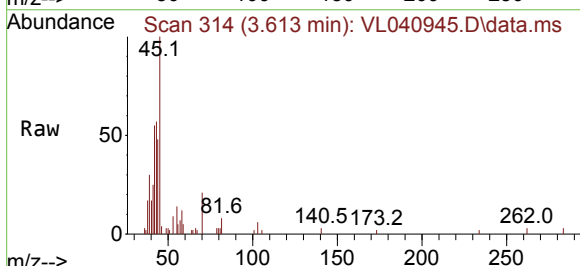
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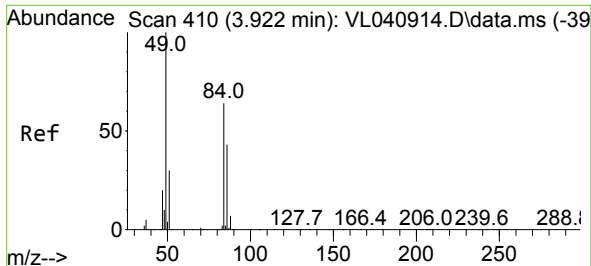
Tgt Ion: 45 Resp: 3531

Ion Ratio Lower Upper

45 100

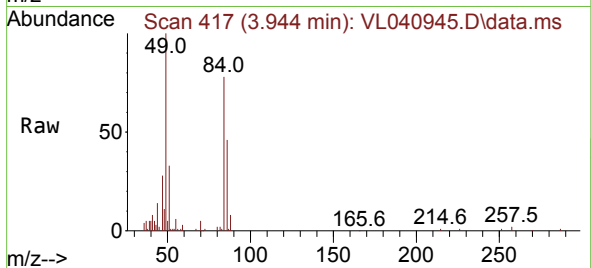
58 0.0 1.5 2.3#



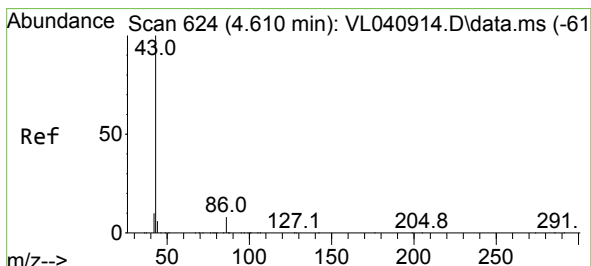
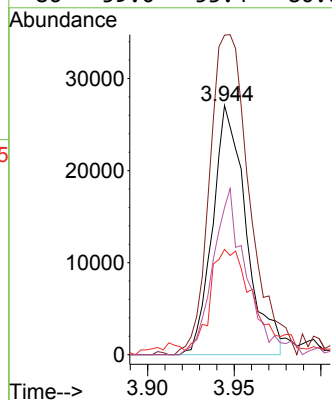
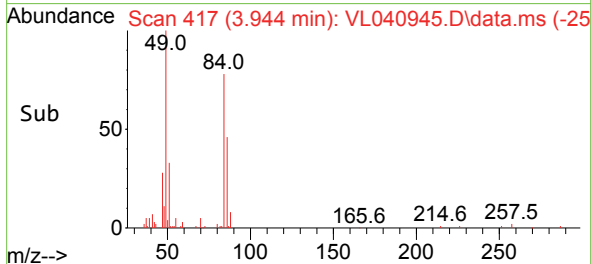


#20  
Methylene Chloride  
Concen: 0.704 ppbv  
RT: 3.944 min Scan# 410  
Delta R.T. 0.023 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

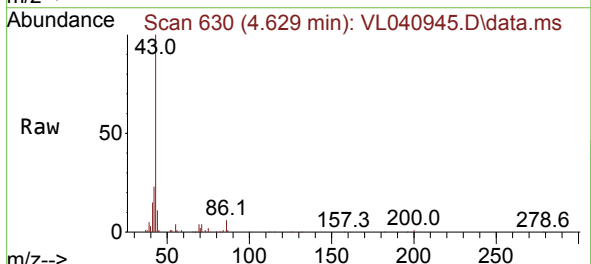
Instrument :  
MSVOA\_L  
ClientSampleId :



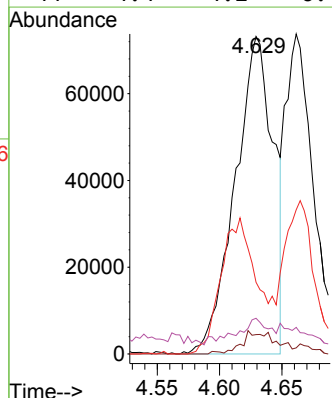
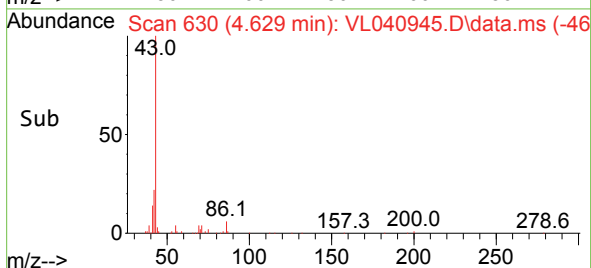
Tgt Ion: 84 Resp: 36405  
Ion Ratio Lower Upper  
84 100  
49 126.1 124.6 187.0  
51 39.0 37.2 55.8  
86 59.0 53.4 80.0

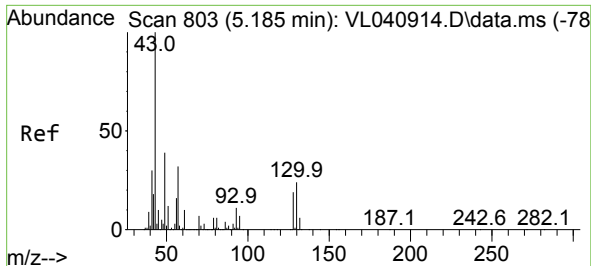


#23  
Vinyl Acetate  
Concen: 0.973 ppbv  
RT: 4.629 min Scan# 630  
Delta R.T. 0.019 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49



Tgt Ion: 43 Resp: 155768  
Ion Ratio Lower Upper  
43 100  
86 7.0 5.5 8.3  
42 22.6 8.4 12.6#  
44 4.4 4.2 6.4

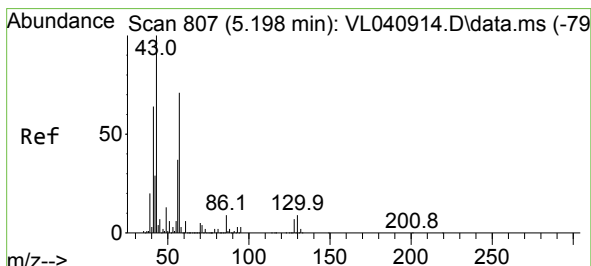
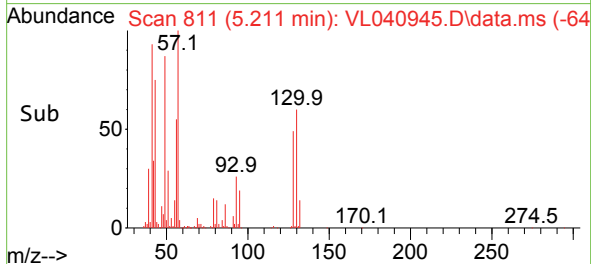
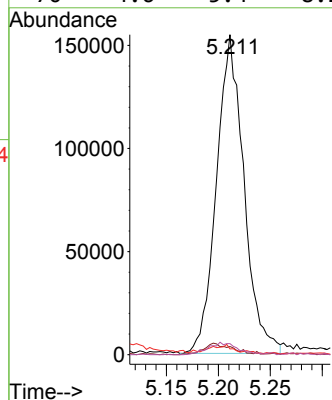
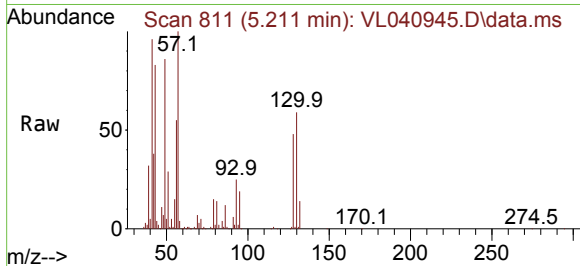




#25  
Ethyl Acetate  
Concen: 1.129 ppbv  
RT: 5.211 min Scan# 811  
Delta R.T. 0.026 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

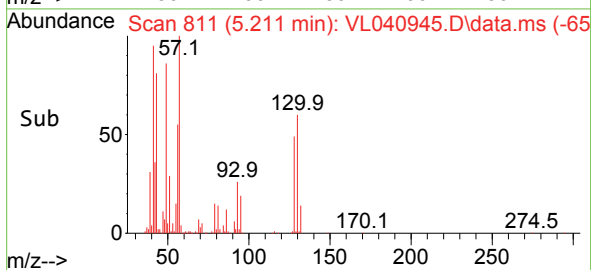
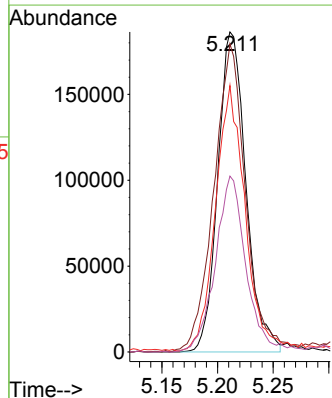
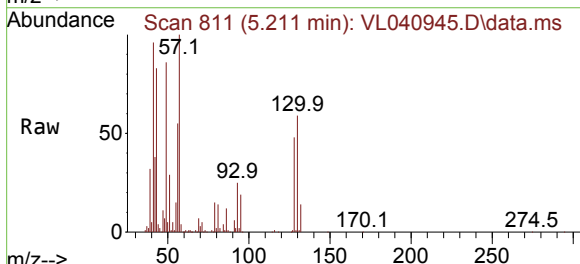
Instrument :  
MSVOA\_L  
ClientSampleId :

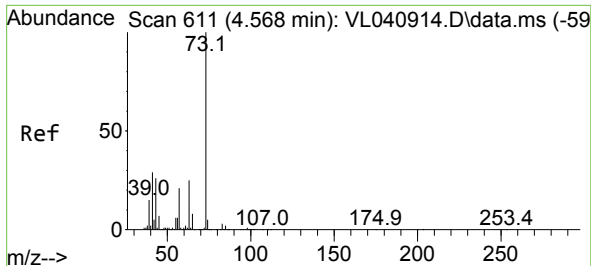
Tgt Ion: 43 Resp: 283868  
Ion Ratio Lower Upper  
43 100  
45 4.0 8.2 12.2#  
61 3.0 7.6 11.4#  
70 4.6 5.4 8.2#



#26  
Hexane  
Concen: 2.943 ppbv  
RT: 5.211 min Scan# 811  
Delta R.T. 0.013 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

Tgt Ion: 57 Resp: 327991  
Ion Ratio Lower Upper  
57 100  
41 110.6 75.2 112.8  
43 88.9 188.0 282.0#  
56 59.8 42.3 63.5





#28

Methyl tert-Butyl Ether

Concen: 0.047 ppbv

RT: 4.594 min Scan# 611

Delta R.T. 0.026 min

Lab File: VL040945.D

Acq: 22 Dec 2023 00:49

Instrument :

MSVOA\_L

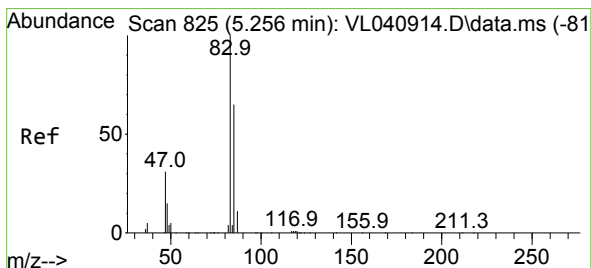
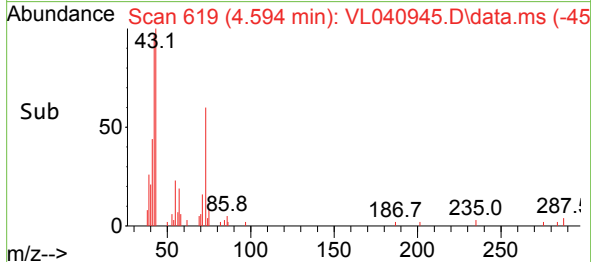
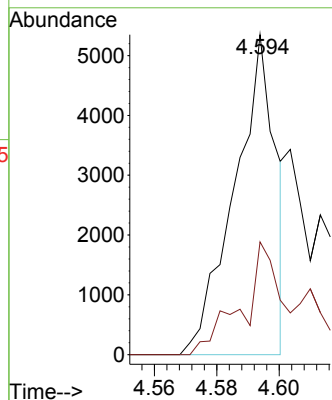
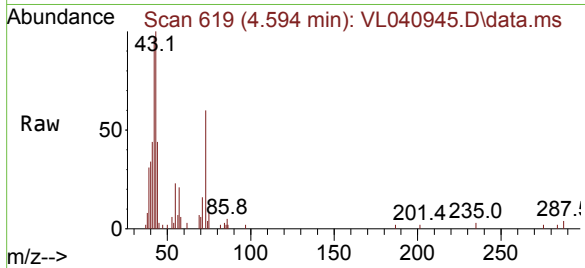
ClientSampleId :

Tgt Ion: 73 Resp: 4876

Ion Ratio Lower Upper

73 100

57 0.0 18.0 27.0#



#29

Chloroform

Concen: 0.117 ppbv

RT: 5.269 min Scan# 829

Delta R.T. 0.013 min

Lab File: VL040945.D

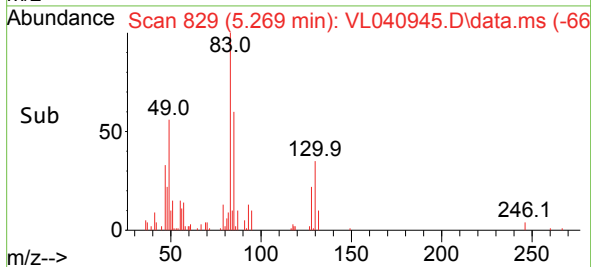
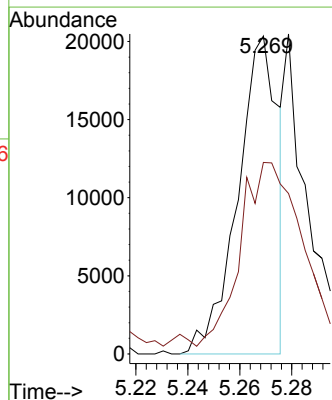
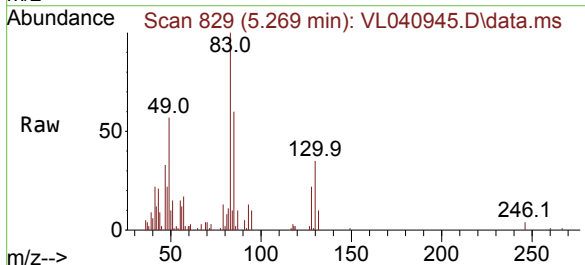
Acq: 22 Dec 2023 00:49

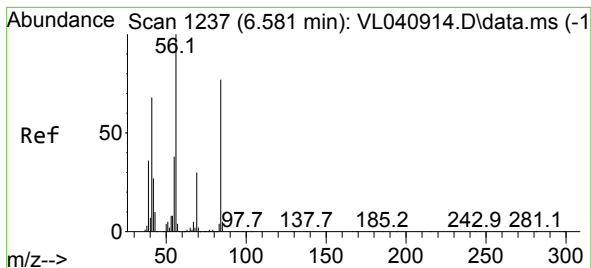
Tgt Ion: 83 Resp: 21915

Ion Ratio Lower Upper

83 100

85 54.0 52.3 78.5





#30

Cyclohexane

Concen: 0.137 ppbv

RT: 6.594 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL040945.D

Acq: 22 Dec 2023 00:49

Instrument :

MSVOA\_L

ClientSampleId :

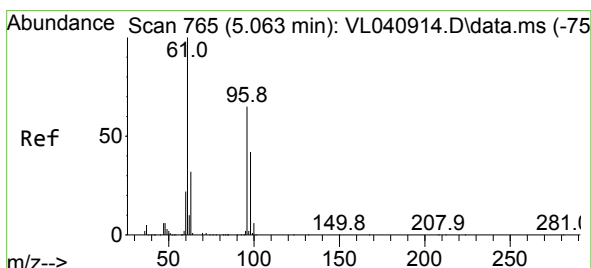
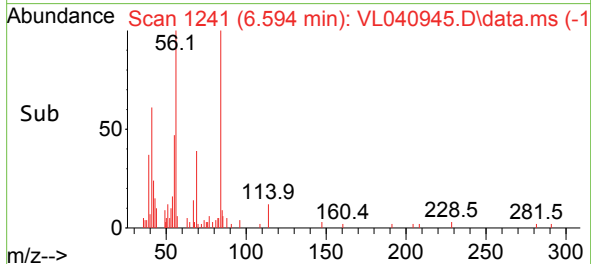
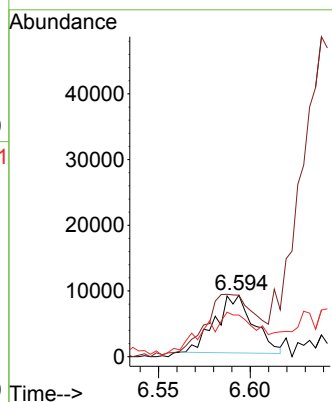
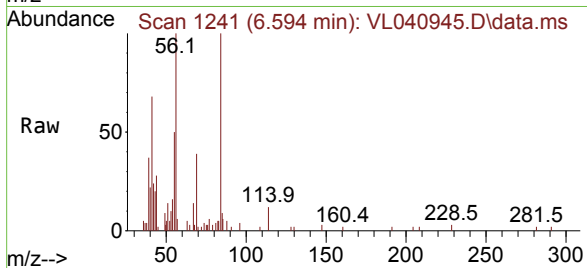
Tgt Ion: 84 Resp: 12735

Ion Ratio Lower Upper

84 100

56 137.5 111.4 167.2

41 103.8 70.0 105.0



#31

cis-1,2-Dichloroethene

Concen: 1.449 ppbv

RT: 5.079 min Scan# 770

Delta R.T. 0.016 min

Lab File: VL040945.D

Acq: 22 Dec 2023 00:49

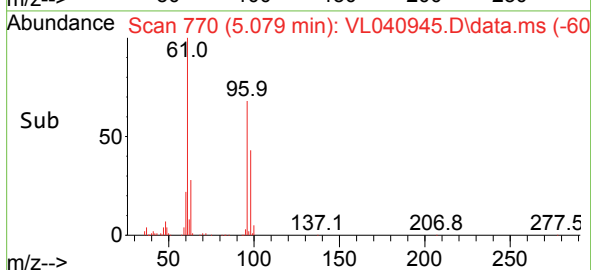
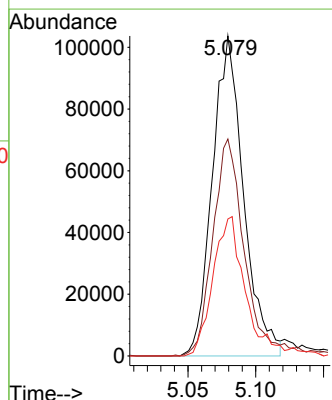
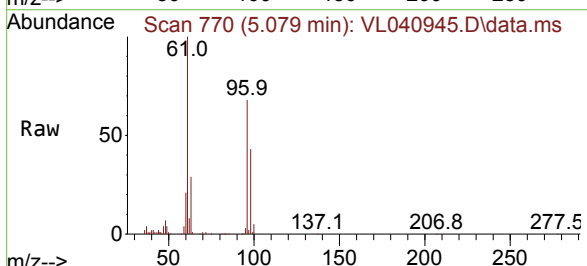
Tgt Ion: 61 Resp: 165860

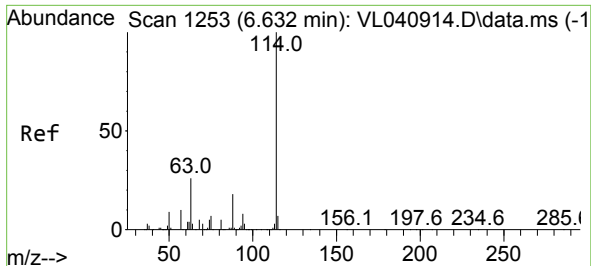
Ion Ratio Lower Upper

61 100

96 67.8 51.7 77.5

98 42.8 33.2 49.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL040945.D

Acq: 22 Dec 2023 00:49

Instrument :

MSVOA\_L

ClientSampleId :

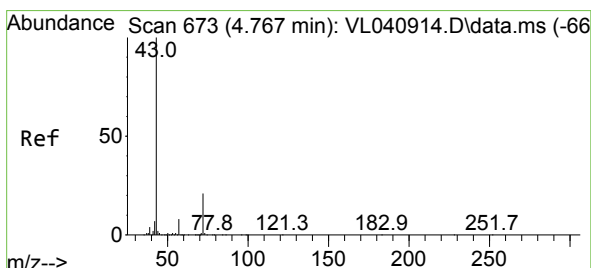
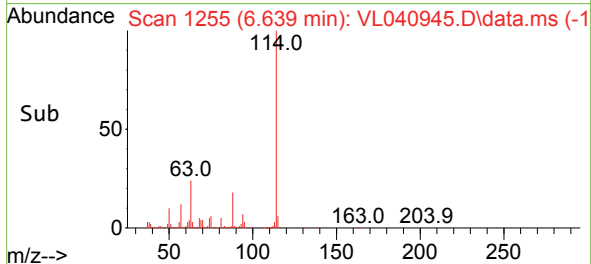
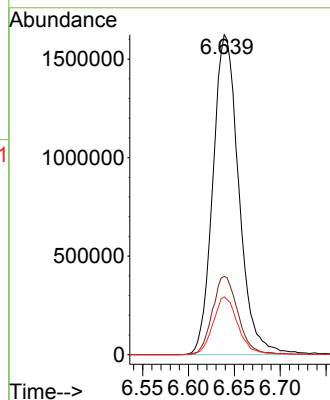
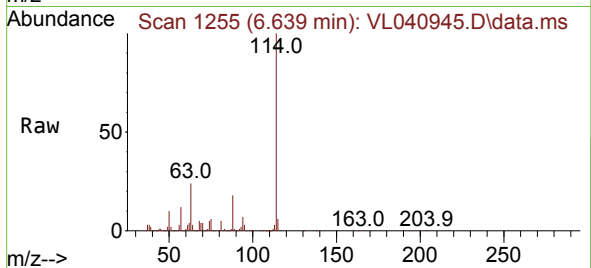
Tgt Ion:114 Resp: 3179762

Ion Ratio Lower Upper

114 100

63 24.7 21.0 31.6

88 17.6 14.3 21.5



#34

2-Butanone

Concen: 7.581 ppbv

RT: 4.784 min Scan# 678

Delta R.T. 0.016 min

Lab File: VL040945.D

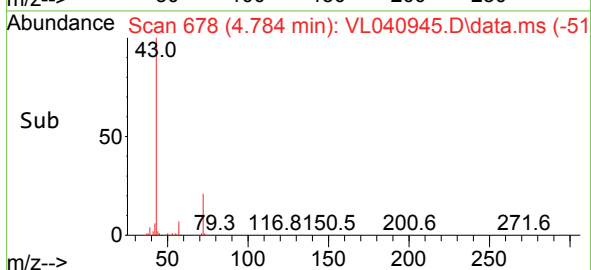
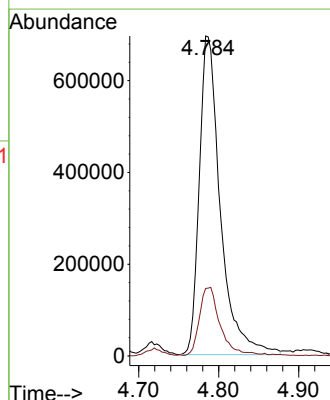
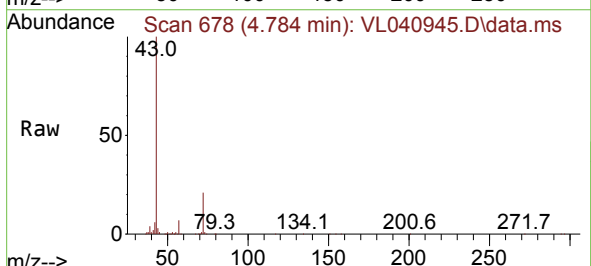
Acq: 22 Dec 2023 00:49

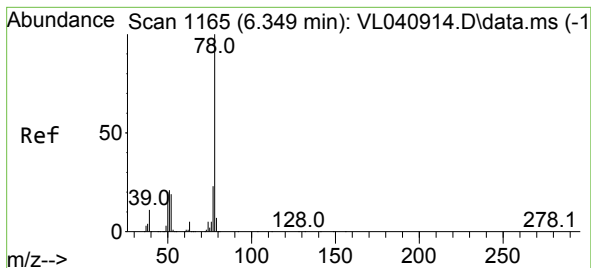
Tgt Ion: 43 Resp: 1275257

Ion Ratio Lower Upper

43 100

72 21.5 17.2 25.8





#36

Benzene

Concen: 0.221 ppbv

RT: 6.362 min Scan# 1169

Delta R.T. 0.013 min

Lab File: VL040945.D

Acq: 22 Dec 2023 00:49

Instrument :

MSVOA\_L

ClientSampleId :

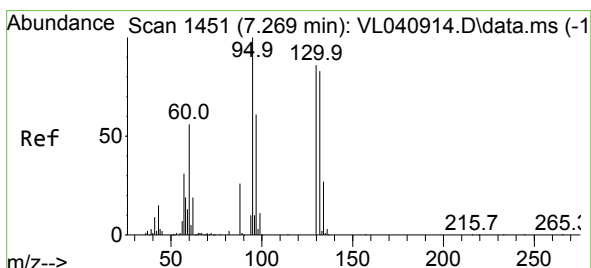
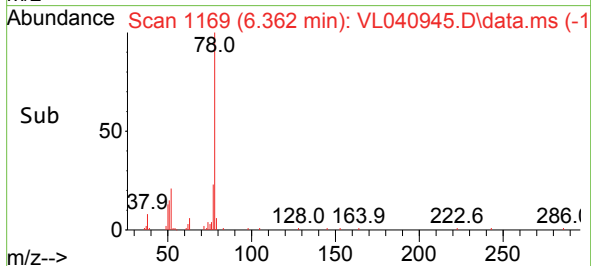
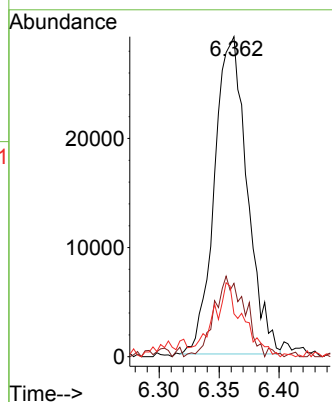
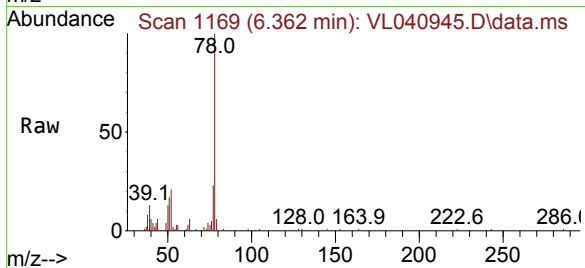
Tgt Ion: 78 Resp: 55048

Ion Ratio Lower Upper

78 100

77 22.0 18.4 27.6

50 13.5 16.0 24.0#



#38

Trichloroethene

Concen: 8.567 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. 0.007 min

Lab File: VL040945.D

Acq: 22 Dec 2023 00:49

Tgt Ion:130 Resp: 799817

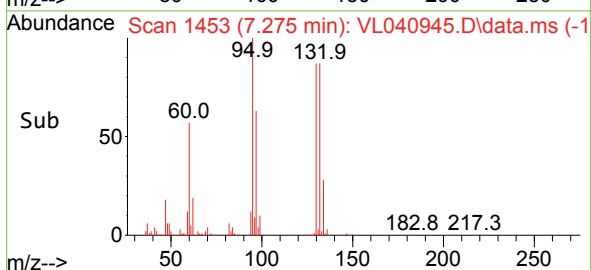
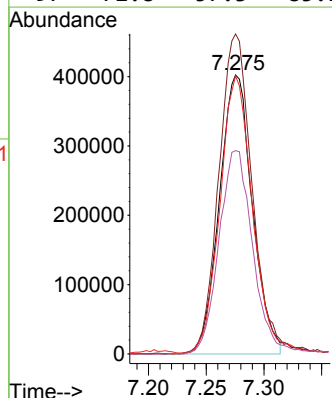
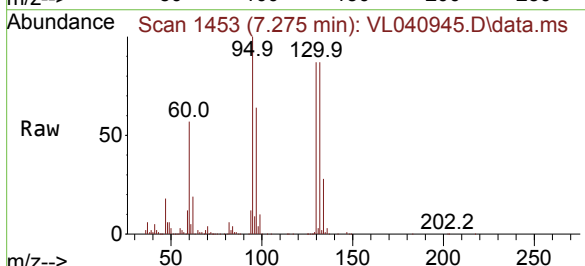
Ion Ratio Lower Upper

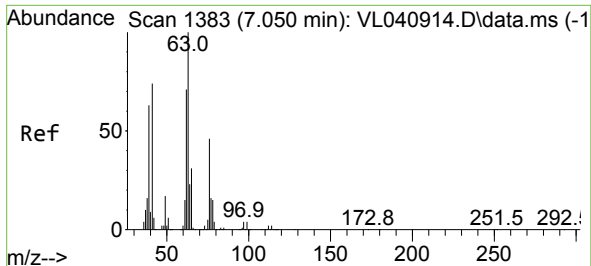
130 100

95 114.6 93.5 140.3

132 99.3 77.4 116.2

97 72.8 57.3 85.9





#39

1,2-Dichloropropane

Concen: 7.918 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.411 min

Lab File: VL040945.D

Acq: 22 Dec 2023 00:49

Instrument :

MSVOA\_L

ClientSampleId :

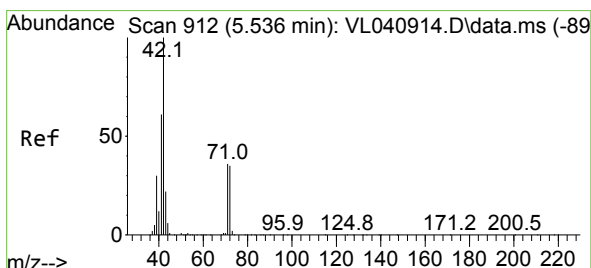
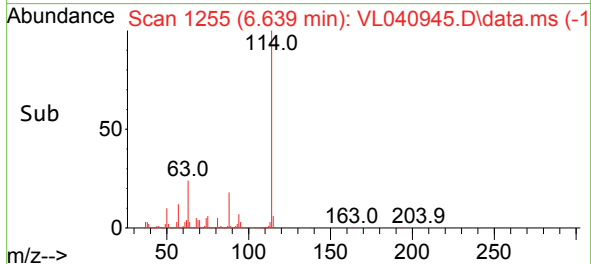
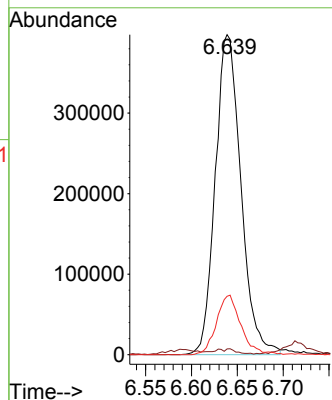
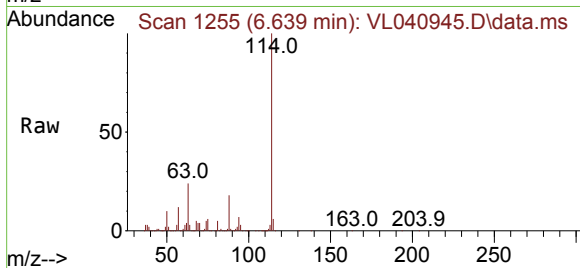
Tgt Ion: 63 Resp: 773399

Ion Ratio Lower Upper

63 100

41 0.3 59.0 88.6#

62 18.2 56.6 85.0#



#41

Tetrahydrofuran

Concen: 0.034 ppbv

RT: 5.295 min Scan# 837

Delta R.T. -0.241 min

Lab File: VL040945.D

Acq: 22 Dec 2023 00:49

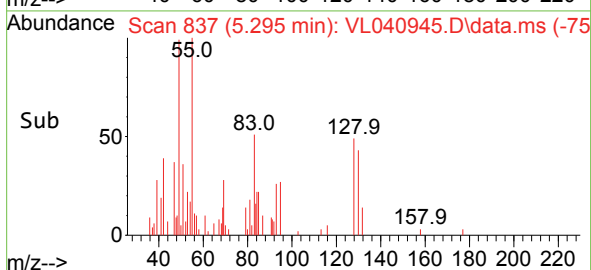
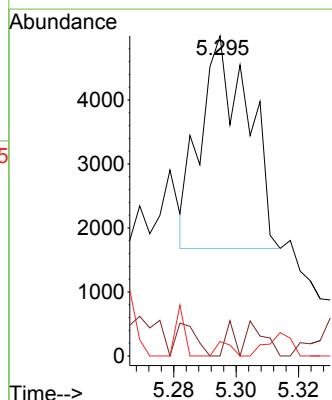
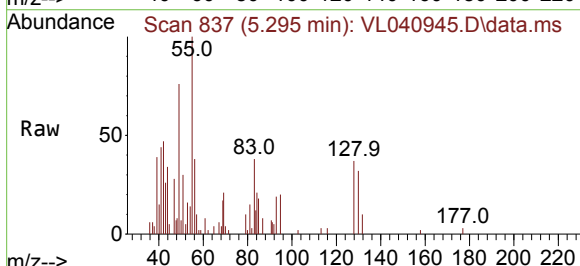
Tgt Ion: 42 Resp: 3529

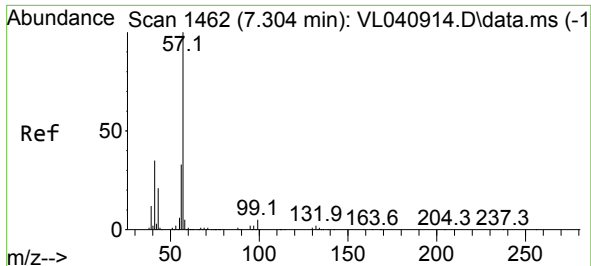
Ion Ratio Lower Upper

42 100

72 15.0 29.6 44.4#

71 0.0 29.1 43.7#

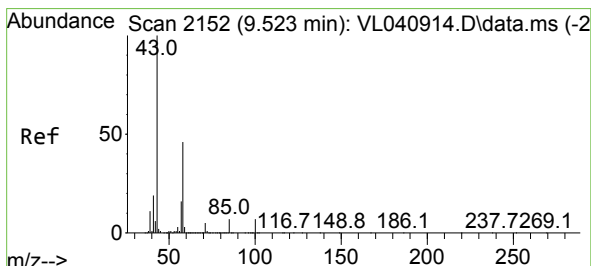
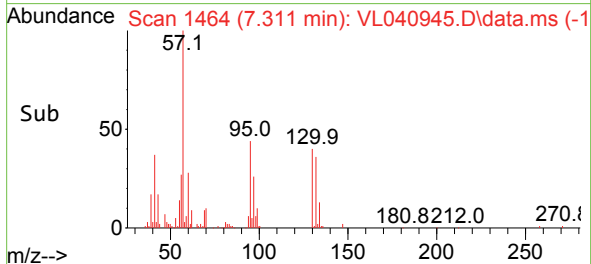
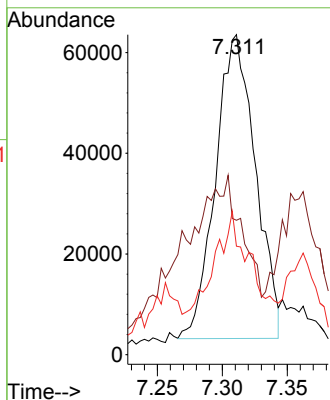
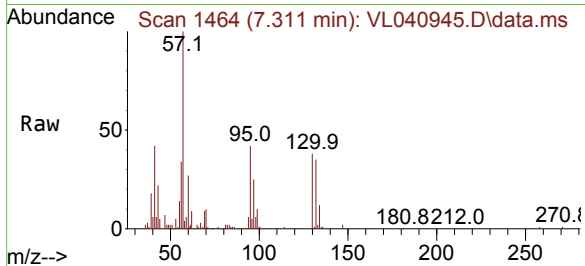




#44  
 2,2,4-Trimethylpentane  
 Concen: 0.306 ppbv  
 RT: 7.311 min Scan# 1464  
 Delta R.T. 0.007 min  
 Lab File: VL040945.D  
 Acq: 22 Dec 2023 00:49

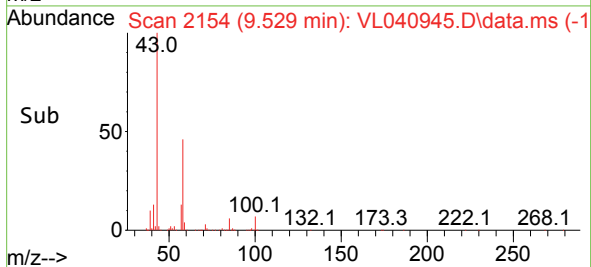
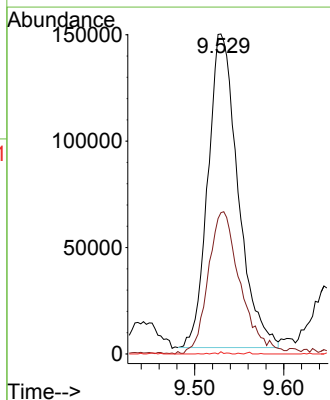
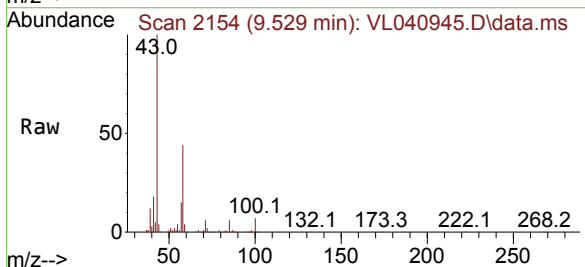
Instrument :  
 MSVOA\_L  
 ClientSampleId :

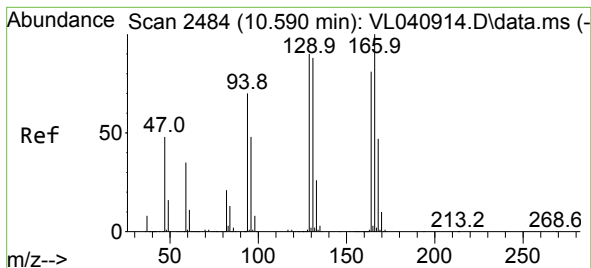
Tgt Ion: 57 Resp: 129110  
 Ion Ratio Lower Upper  
 57 100  
 41 102.6 28.2 42.4#  
 56 51.5 25.3 37.9#



#51  
 2-Hexanone  
 Concen: 1.885 ppbv  
 RT: 9.529 min Scan# 2154  
 Delta R.T. 0.007 min  
 Lab File: VL040945.D  
 Acq: 22 Dec 2023 00:49

Tgt Ion: 43 Resp: 345591  
 Ion Ratio Lower Upper  
 43 100  
 58 49.2 37.3 55.9  
 98 0.2 0.2 0.2





#52

Tetrachloroethene

Concen: 107.331 ppbv

RT: 10.600 min Scan# 2484

Delta R.T. 0.010 min

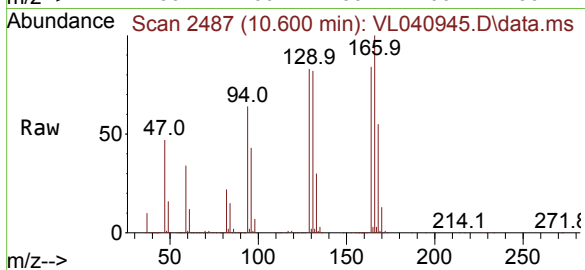
Lab File: VL040945.D

Acq: 22 Dec 2023 00:49

Instrument :

MSVOA\_L

ClientSampleId :



Tgt Ion:164 Resp: 8987368

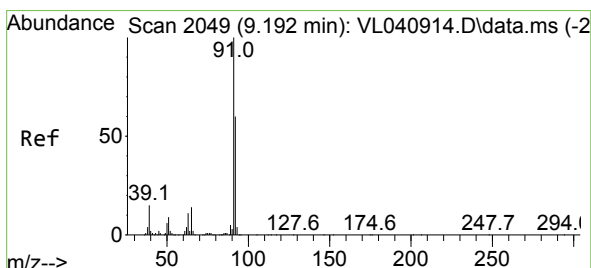
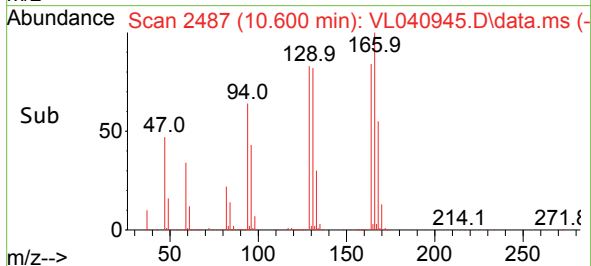
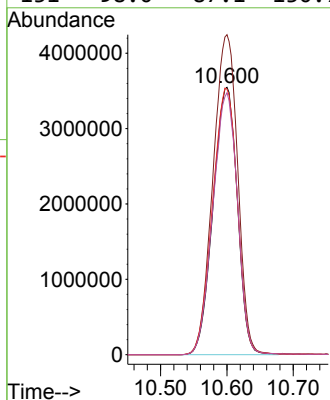
Ion Ratio Lower Upper

164 100

166 119.7 98.9 148.3

129 99.4 88.7 133.1

131 98.0 87.1 130.7



#53

Toluene

Concen: 0.693 ppbv

RT: 9.195 min Scan# 2050

Delta R.T. 0.003 min

Lab File: VL040945.D

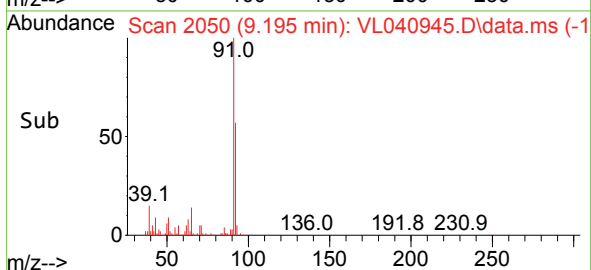
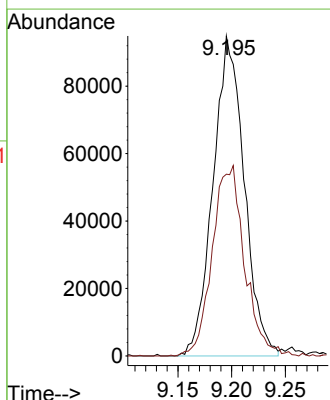
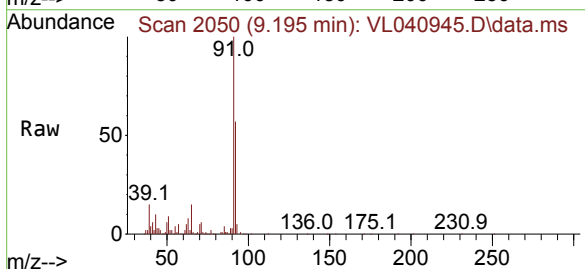
Acq: 22 Dec 2023 00:49

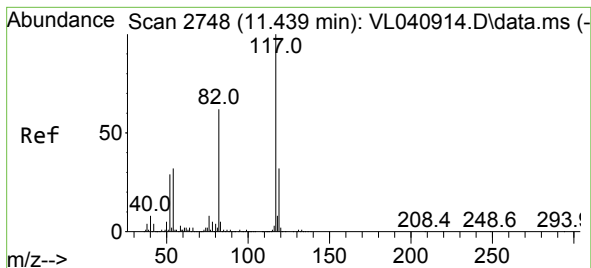
Tgt Ion: 91 Resp: 191025

Ion Ratio Lower Upper

91 100

92 61.6 49.2 73.8

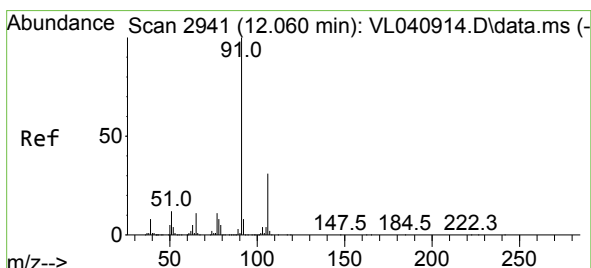
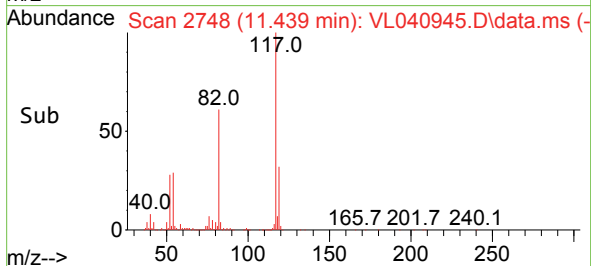
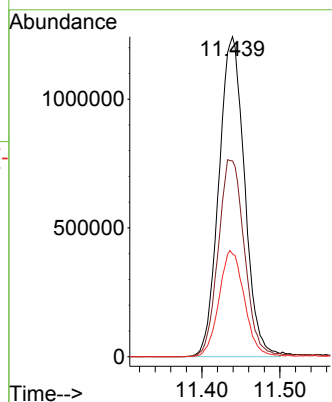
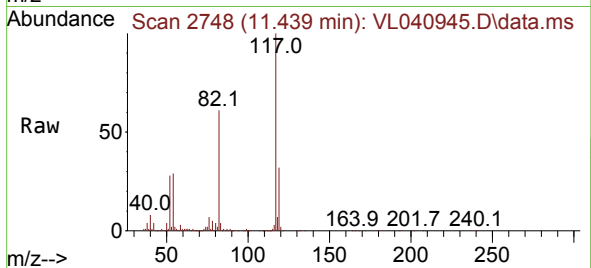




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 11.439 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

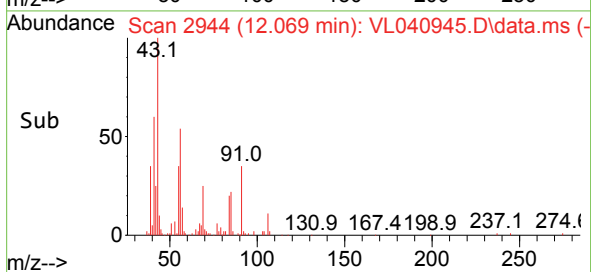
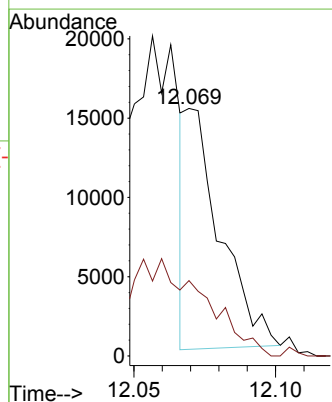
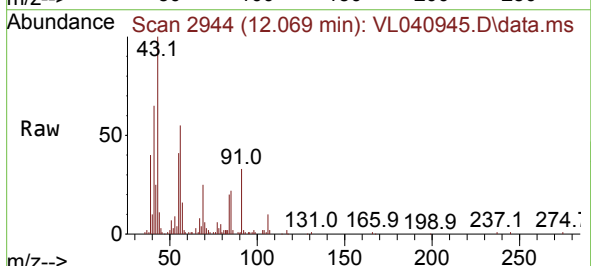
Instrument :  
MSVOA\_L  
ClientSampleId :

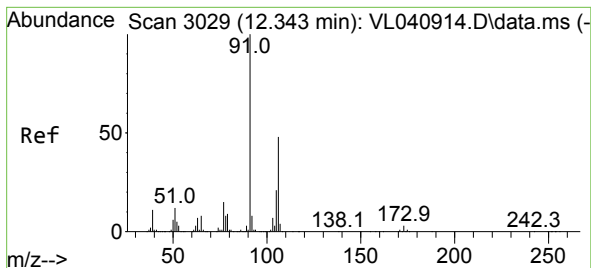
Tgt Ion:117 Resp: 2839866  
Ion Ratio Lower Upper  
117 100  
82 64.2 49.6 74.4  
119 33.0 23.4 35.0



#58  
Ethyl Benzene  
Concen: 0.036 ppbv  
RT: 12.069 min Scan# 2944  
Delta R.T. 0.010 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

Tgt Ion: 91 Resp: 13010  
Ion Ratio Lower Upper  
91 100  
106 31.8 24.9 37.3

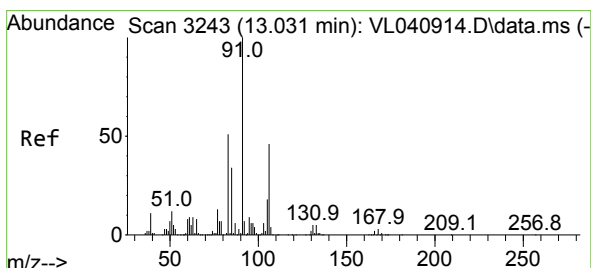
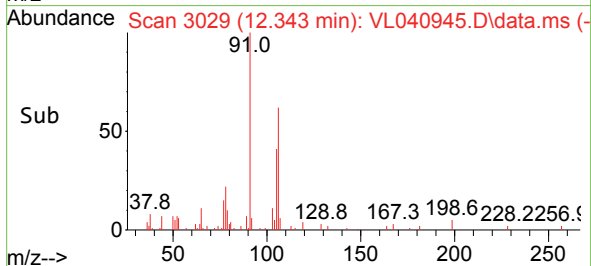
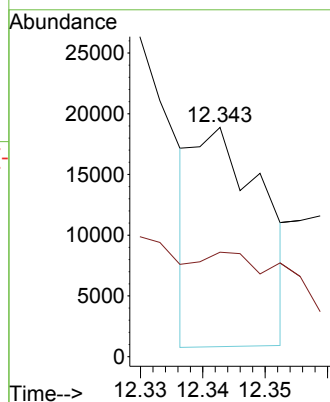
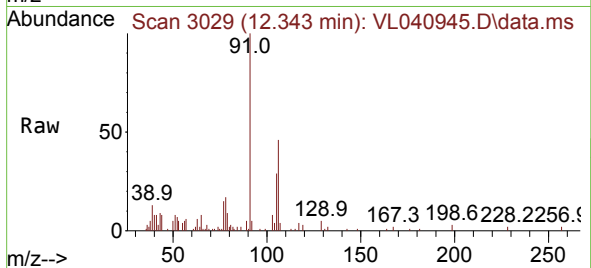




#59  
m/p-Xylene  
Concen: 0.045 ppbv  
RT: 12.343 min Scan# 3029  
Delta R.T. 0.000 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

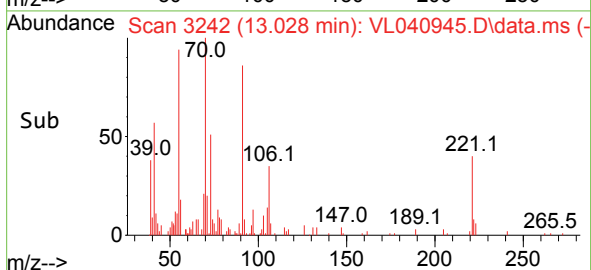
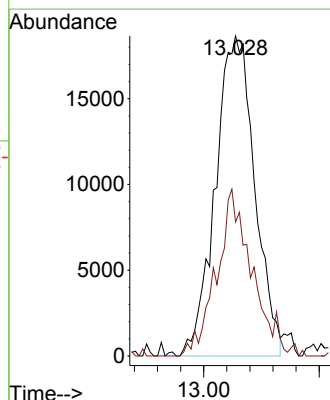
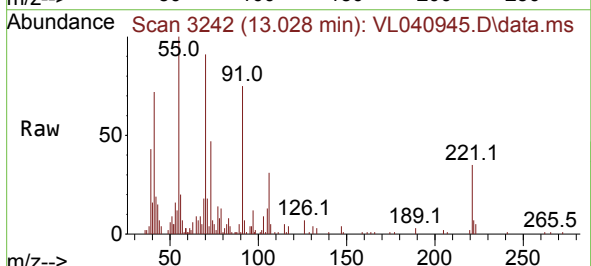
Instrument :  
MSVOA\_L  
ClientSampleId :

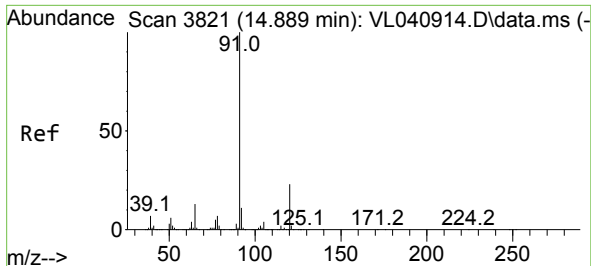
Tgt Ion: 91 Resp: 13851  
Ion Ratio Lower Upper  
91 100  
106 0.0 0.0 0.0



#60  
o-Xylene  
Concen: 0.151 ppbv  
RT: 13.028 min Scan# 3242  
Delta R.T. -0.003 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

Tgt Ion: 91 Resp: 44091  
Ion Ratio Lower Upper  
91 100  
106 47.2 22.6 67.7

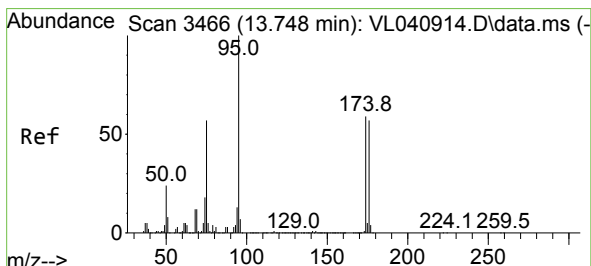
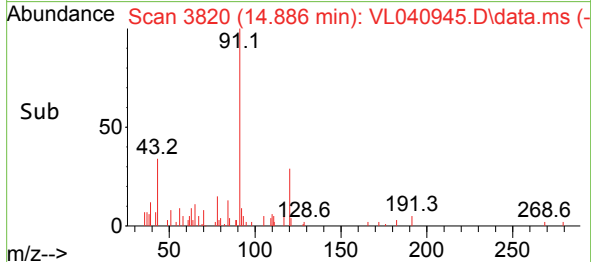
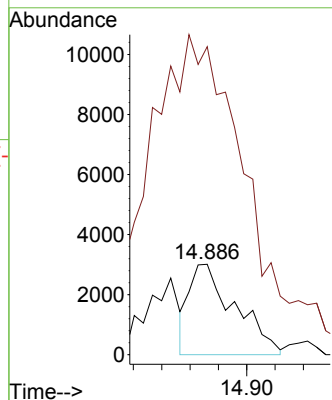
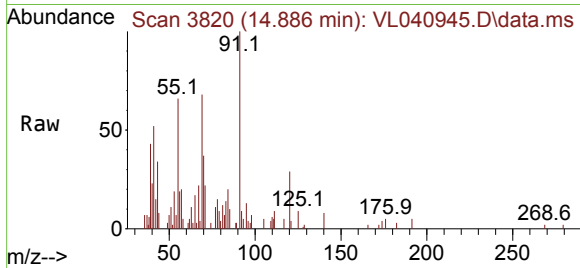




#64  
n-propylbenzene  
Concen: 0.031 ppbv  
RT: 14.886 min Scan# 3821  
Delta R.T. -0.003 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

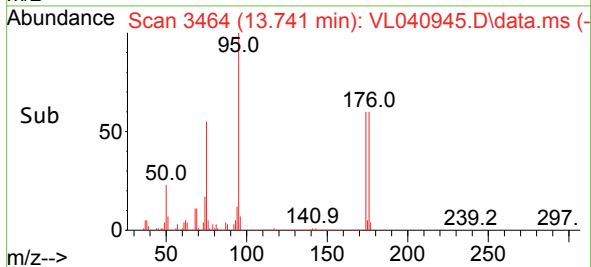
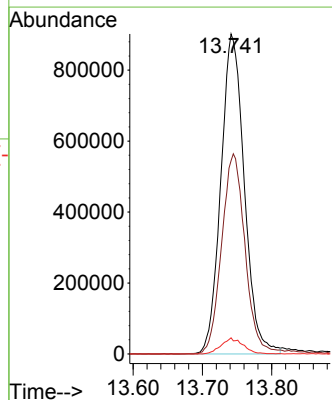
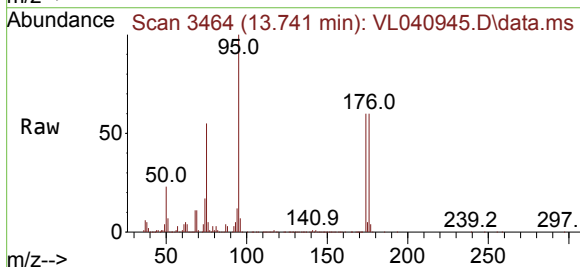
Instrument :  
MSVOA\_L  
ClientSampleId :

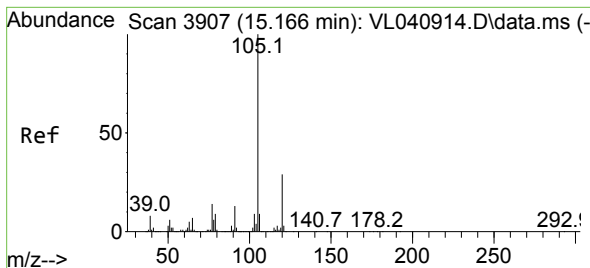
Tgt Ion:120 Resp: 3376  
Ion Ratio Lower Upper  
120 100  
91 837.6 381.9 572.9#



#68  
1-Bromo-4-Fluorobenzene  
Concen: 10.149 ppbv  
RT: 13.741 min Scan# 3464  
Delta R.T. -0.006 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

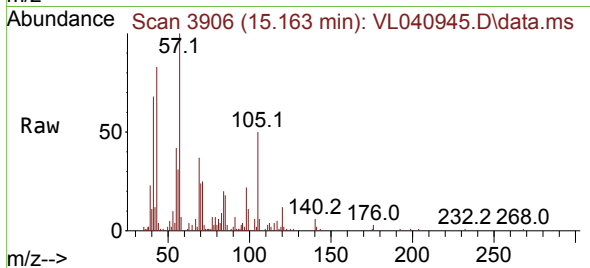
Tgt Ion: 95 Resp: 2122941  
Ion Ratio Lower Upper  
95 100  
174 63.9 48.0 72.0  
175 4.7 3.7 5.5



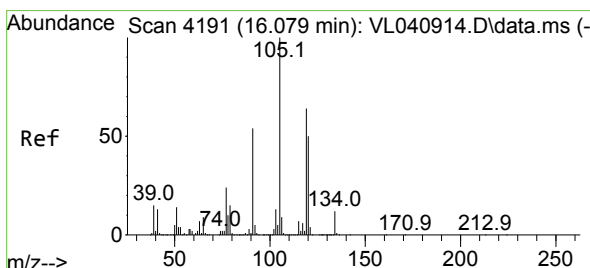
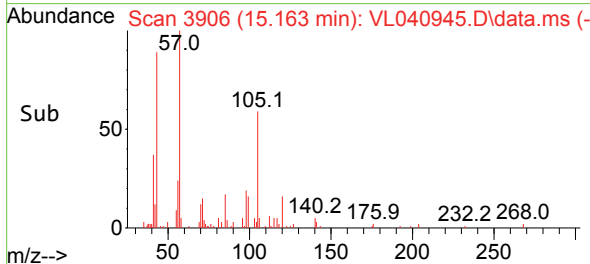
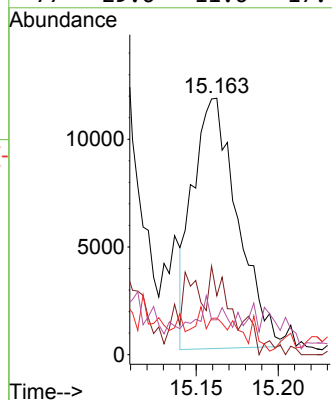


#72  
4-Ethyltoluene  
Concen: 0.069 ppbv  
RT: 15.163 min Scan# 3906  
Delta R.T. -0.003 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

Instrument :  
MSVOA\_L  
ClientSampleId :



|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 22084      |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 120         | 37.6  | 23.8 35.8# |
| 91          | 18.4  | 10.9 16.3# |
| 77          | 29.6  | 11.6 17.4# |



#74  
1,2,4-Trimethylbenzene  
Concen: 0.104 ppbv  
RT: 16.079 min Scan# 4191  
Delta R.T. 0.000 min  
Lab File: VL040945.D  
Acq: 22 Dec 2023 00:49

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 32132      |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 120         | 39.4  | 40.2 60.4# |
| 91          | 12.9  | 43.0 64.6# |
| 77          | 15.1  | 18.9 28.3# |

