

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL012324\  
 Data File : VL041005.D  
 Acq On : 23 Jan 2024 20:49  
 Operator : SY/MD  
 Sample : P1211-01 4X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1

Quant Time: Jan 24 01:01:41 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL012324AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Wed Jan 24 00:50:15 2024  
 Response via : Initial Calibration

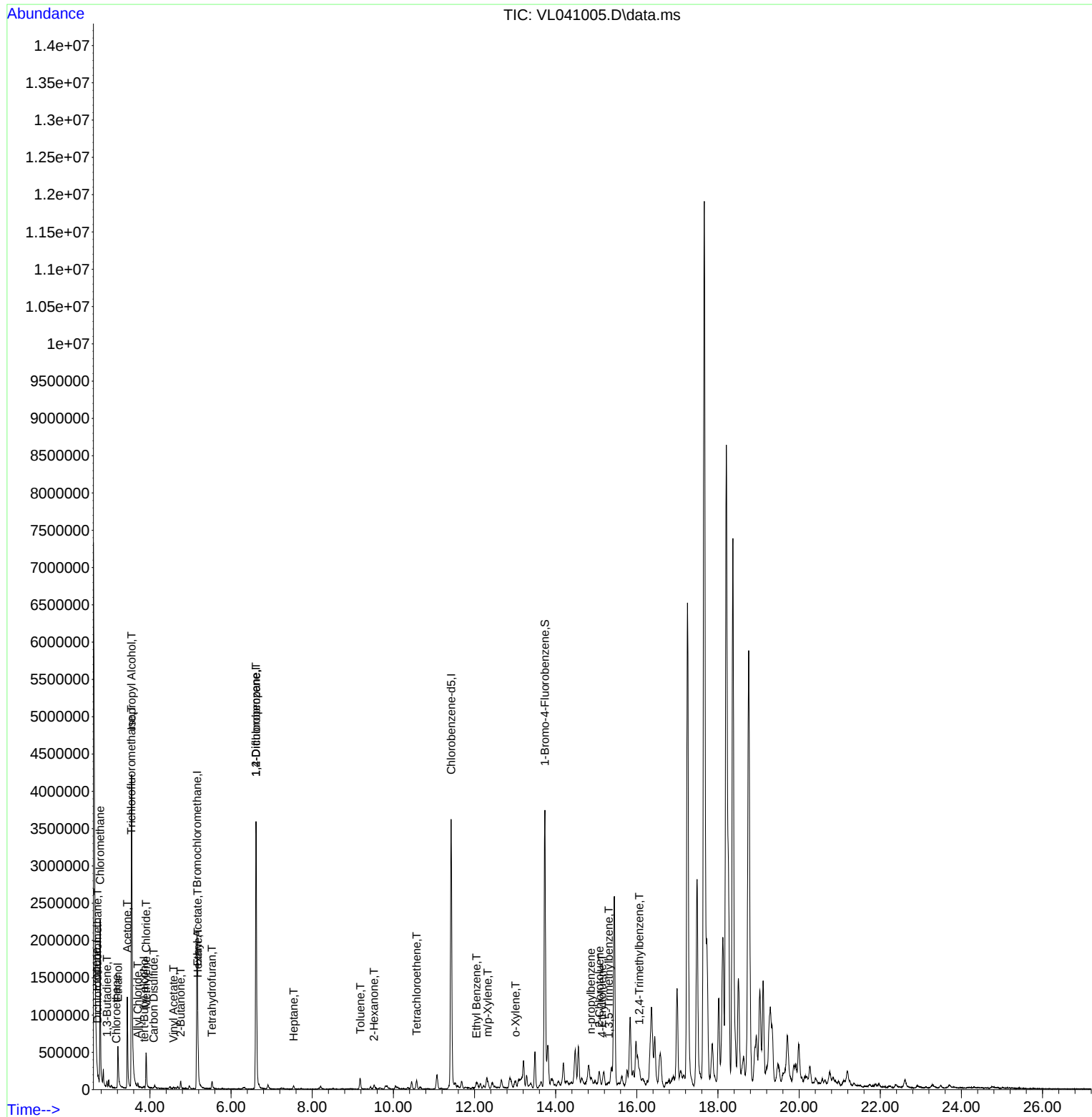
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Bromochloromethane       | 5.160  | 49    | 946587   | 10.000   | ppbv       | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.616  | 114   | 2573211  | 10.000   | ppbv       | 0.00     |
| 55) Chlorobenzene-d5        | 11.423 | 117   | 2305446  | 10.000   | ppbv       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.735 | 95    | 1835116  | 10.539   | ppbv       | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | = 105.400% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 2) Dichlorodifluoromethane  | 2.703  | 85    | 28887    | 0.138    | ppbv       | 99       |
| 4) Chloromethane            | 2.771  | 50    | 25040    | 0.420    | ppbv #     | 44       |
| 7) Chloroethane             | 3.169  | 64    | 4056     | 0.193    | ppbv       | 89       |
| 9) Propene                  | 2.674  | 41    | 24242    | 0.464    | ppbv #     | 67       |
| 10) Heptane                 | 7.542  | 43    | 15225    | 0.118    | ppbv       | 87       |
| 11) Trichlorofluoromethane  | 3.539  | 101   | 15289    | 0.091    | ppbv #     | 83       |
| 13) Ethanol                 | 3.211  | 45    | 556609   | 44.722   | ppbv       | 93       |
| 15) Acetone                 | 3.443  | 43    | 1122095  | 9.270    | ppbv       | 98       |
| 16) 1,3-Butadiene           | 2.941  | 39    | 22353    | 0.386    | ppbv #     | 33       |
| 17) tert-Butyl alcohol      | 3.861  | 59    | 8655     | 0.087    | ppbv       | 95       |
| 19) Isopropyl Alcohol       | 3.549  | 45    | 4413435  | 62.986   | ppbv #     | 96       |
| 20) Methylene Chloride      | 3.909  | 84    | 154111   | 3.309    | ppbv       | 92       |
| 21) Allyl Chloride          | 3.703  | 41    | 13389    | 0.182    | ppbv #     | 17       |
| 23) Vinyl Acetate           | 4.584  | 43    | 11200    | 0.090    | ppbv #     | 52       |
| 25) Ethyl Acetate           | 5.179  | 43    | 117438   | 0.535    | ppbv #     | 79       |
| 26) Hexane                  | 5.182  | 57    | 160284   | 1.713    | ppbv #     | 38       |
| 27) Carbon Disulfide        | 4.092  | 76    | 5054     | 0.042    | ppbv #     | 1        |
| 34) 2-Butanone              | 4.761  | 43    | 105061   | 0.857    | ppbv       | 100      |
| 39) 1,2-Dichloropropane     | 6.616  | 63    | 661180   | 7.898    | ppbv #     | 23       |
| 41) Tetrahydrofuran         | 5.529  | 42    | 46512    | 0.559    | ppbv #     | 89       |
| 51) 2-Hexanone              | 9.523  | 43    | 25617    | 0.165    | ppbv #     | 31       |
| 52) Tetrachloroethene       | 10.574 | 164   | 7482     | 0.106    | ppbv       | 91       |
| 53) Toluene                 | 9.185  | 91    | 111084   | 0.477    | ppbv       | 100      |
| 58) Ethyl Benzene           | 12.047 | 91    | 41654    | 0.135    | ppbv       | 100      |
| 59) m/p-Xylene              | 12.326 | 91    | 38944    | 0.144    | ppbv #     | 32       |
| 60) o-Xylene                | 13.011 | 91    | 56118    | 0.217    | ppbv       | 100      |
| 64) n-propylbenzene         | 14.867 | 120   | 3191     | 0.033    | ppbv #     | 1        |
| 71) 2-Chlorotoluene         | 15.079 | 91    | 9111     | 0.031    | ppbv       | 94       |
| 72) 4-Ethyltoluene          | 15.143 | 105   | 10587    | 0.037    | ppbv #     | 54       |
| 73) 1,3,5-Trimethylbenzene  | 15.307 | 105   | 19671    | 0.077    | ppbv #     | 79       |
| 74) 1,2,4-Trimethylbenzene  | 16.059 | 105   | 53490    | 0.184    | ppbv #     | 64       |
| -----                       |        |       |          |          |            |          |

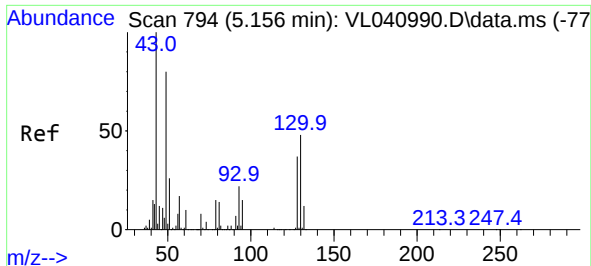
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
QLast Update : Wed Jan 24 00:50:15 2024  
Response via : Initial Calibration

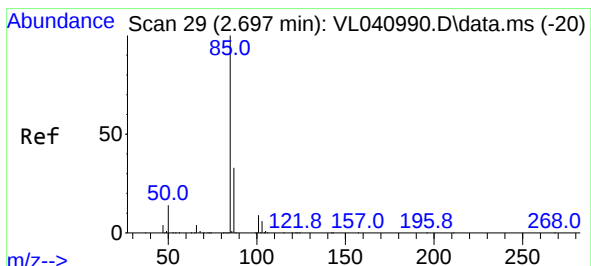
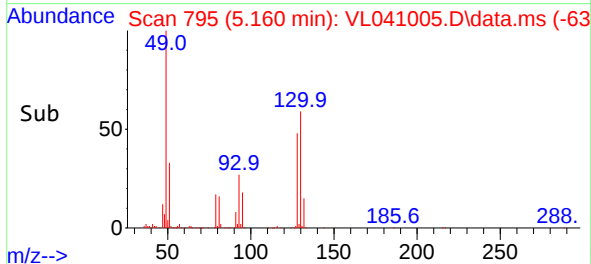
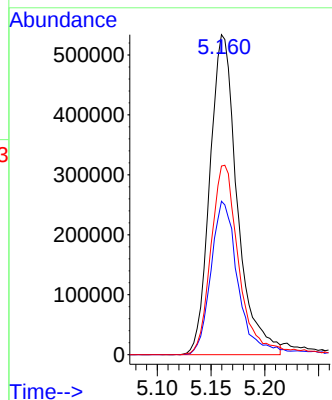
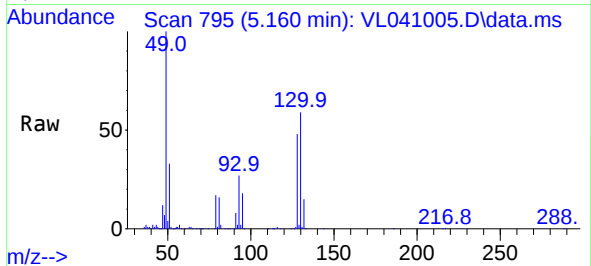




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.160 min Scan# 794  
Delta R.T. 0.004 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

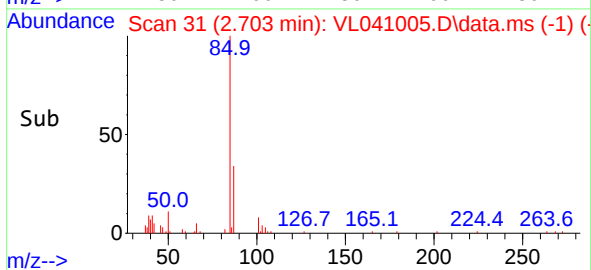
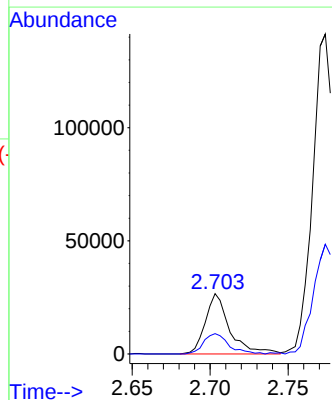
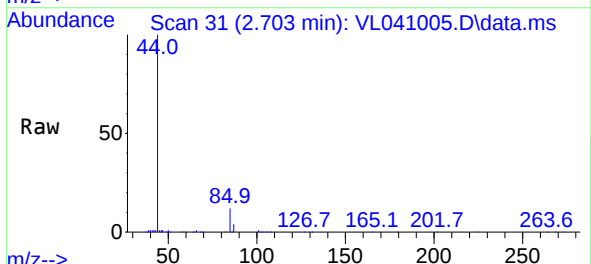
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

Tgt Ion: 49 Resp: 946587  
Ion Ratio Lower Upper  
49 100  
128 49.6 23.9 71.7  
130 62.4 31.1 93.5

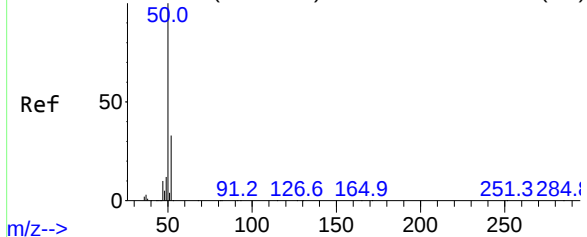


#2  
Dichlorodifluoromethane  
Concen: 0.138 ppbv  
RT: 2.703 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

Tgt Ion: 85 Resp: 28887  
Ion Ratio Lower Upper  
85 100  
87 33.7 26.3 39.5



Abundance Scan 55 (2.780 min): VL040990.D\data.ms (-46)

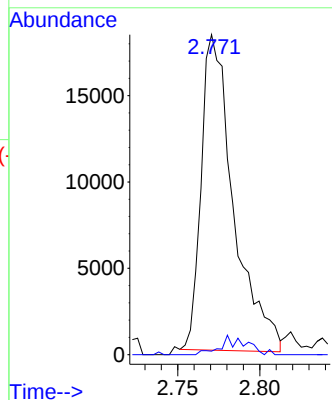
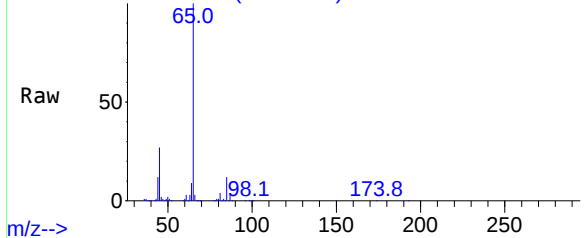


#4  
Chloromethane  
Concen: 0.420 ppbv  
RT: 2.771 min Scan# 51  
Delta R.T. -0.010 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

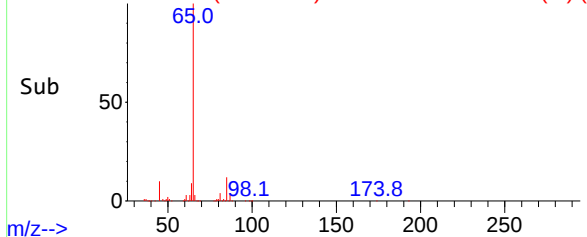
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

Tgt Ion: 50 Resp: 25040  
Ion Ratio Lower Upper  
50 100  
52 1.1 26.2 39.4#

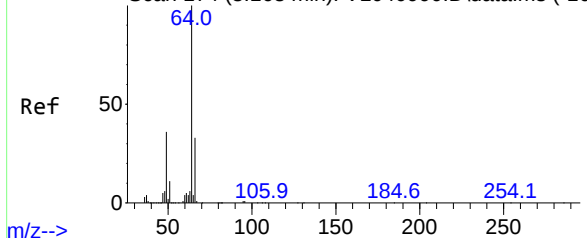
Abundance Scan 52 (2.771 min): VL041005.D\data.ms



Abundance Scan 52 (2.771 min): VL041005.D\data.ms (-1)



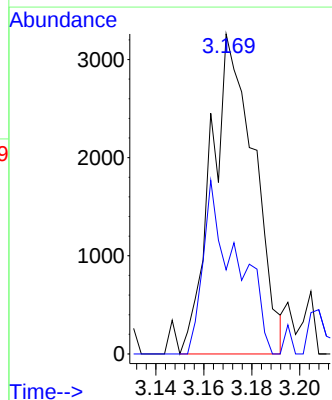
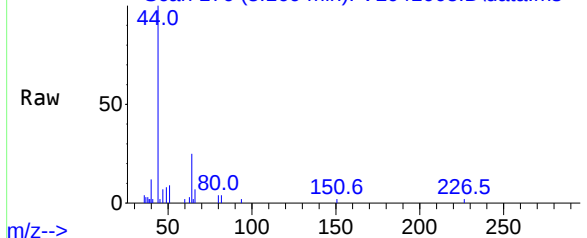
Abundance Scan 174 (3.163 min): VL040990.D\data.ms (-16)



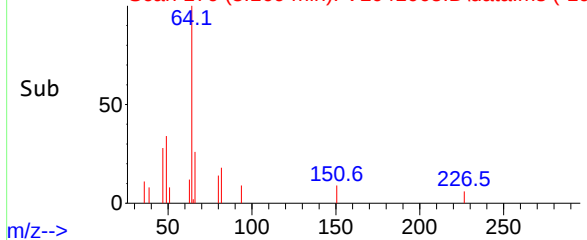
#7  
Chloroethane  
Concen: 0.193 ppbv  
RT: 3.169 min Scan# 176  
Delta R.T. 0.006 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

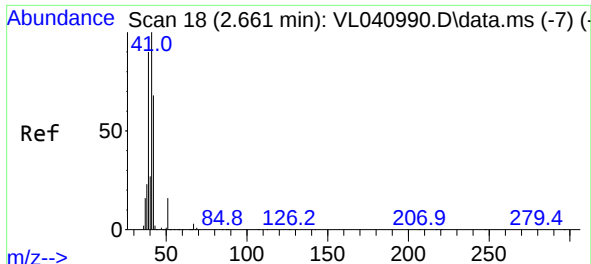
Tgt Ion: 64 Resp: 4056  
Ion Ratio Lower Upper  
64 100  
66 26.3 26.0 39.0

Abundance Scan 176 (3.169 min): VL041005.D\data.ms



Abundance Scan 176 (3.169 min): VL041005.D\data.ms (-19)

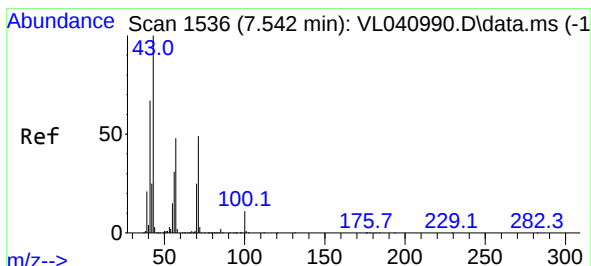
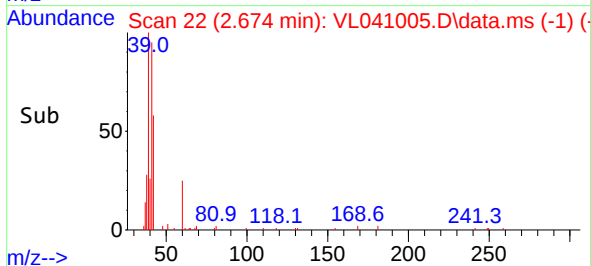
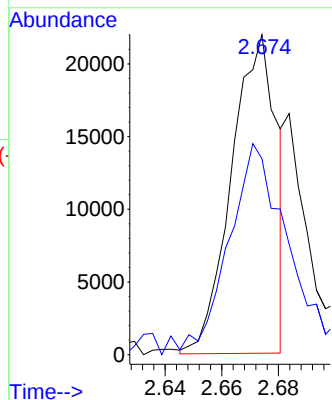
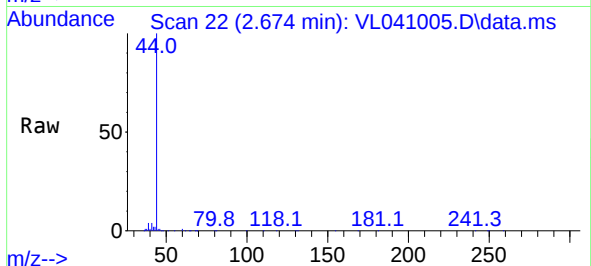




#9  
Propene  
Concen: 0.464 ppbv  
RT: 2.674 min Scan# 21  
Delta R.T. 0.013 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

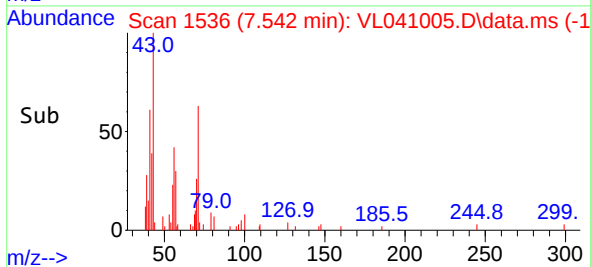
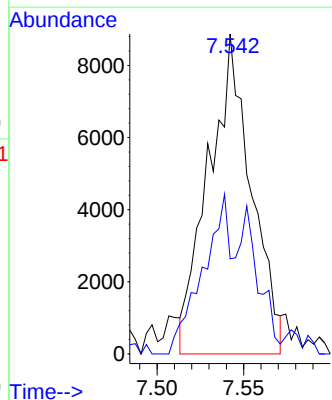
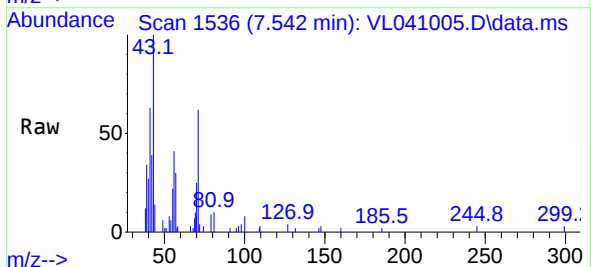
Instrument :  
MSVOA\_L  
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SV1

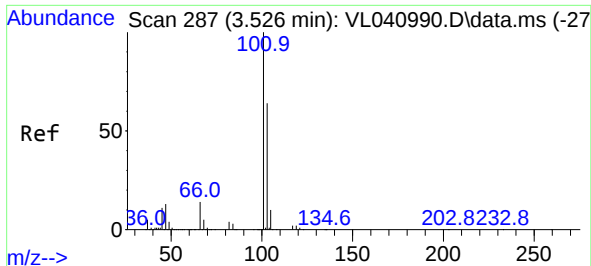
Tgt Ion: 41 Resp: 24242  
Ion Ratio Lower Upper  
41 100  
42 101.2 59.0 88.4#



#10  
Heptane  
Concen: 0.118 ppbv  
RT: 7.542 min Scan# 1536  
Delta R.T. -0.000 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

Tgt Ion: 43 Resp: 15225  
Ion Ratio Lower Upper  
43 100  
57 58.3 39.4 59.2





#11

Trichlorofluoromethane

Concen: 0.091 ppbv

RT: 3.539 min Scan# 24

Delta R.T. 0.013 min

Lab File: VL041005.D

Acq: 23 Jan 2024 20:49

Instrument :

MSVOA\_L

ClientSampleId :

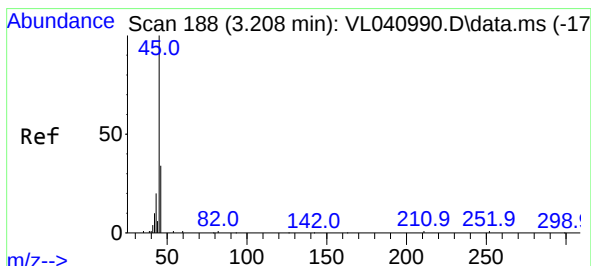
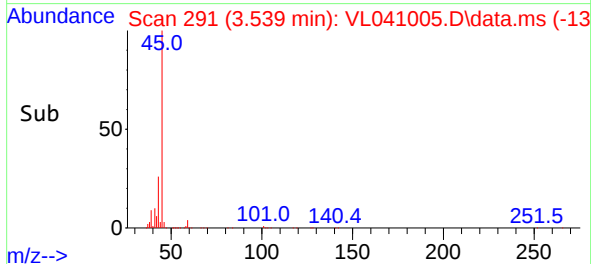
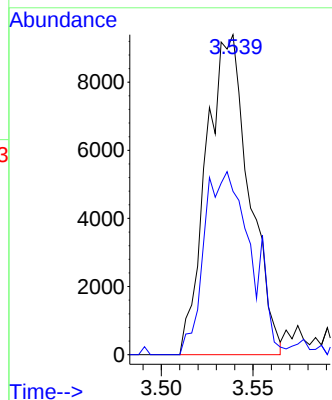
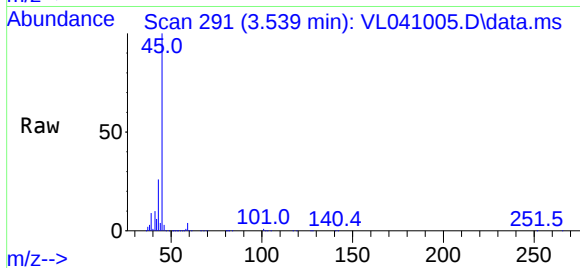
SV1

Tgt Ion:101 Resp: 15289

Ion Ratio Lower Upper

101 100

103 51.1 51.4 77.2#



#13

Ethanol

Concen: 44.722 ppbv

RT: 3.211 min Scan# 189

Delta R.T. 0.003 min

Lab File: VL041005.D

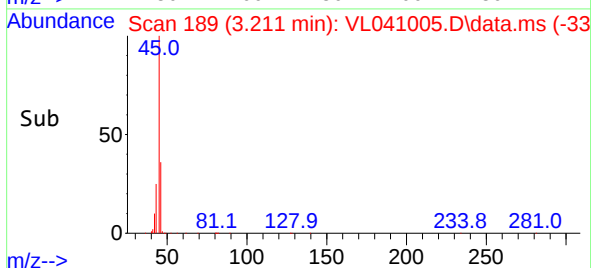
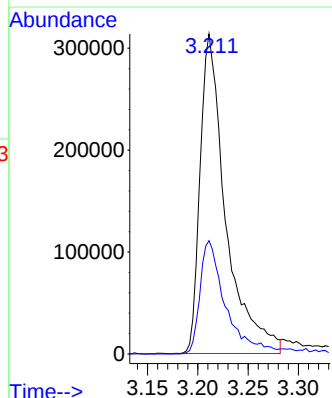
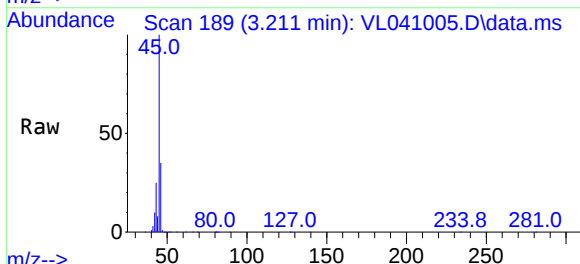
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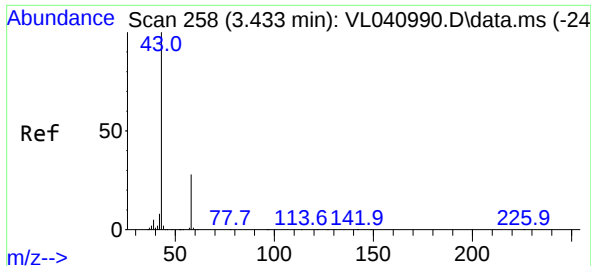
Tgt Ion: 45 Resp: 556609

Ion Ratio Lower Upper

45 100

46 36.1 16.2 64.8

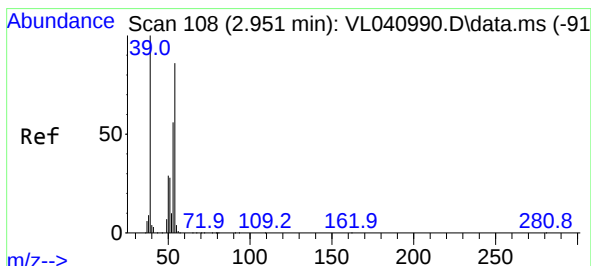
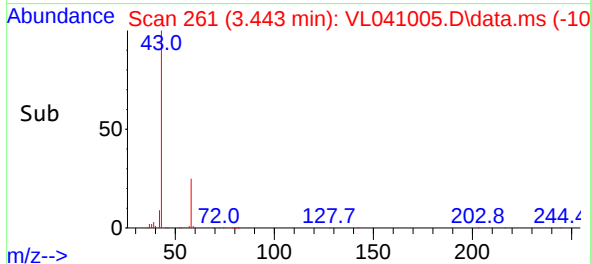
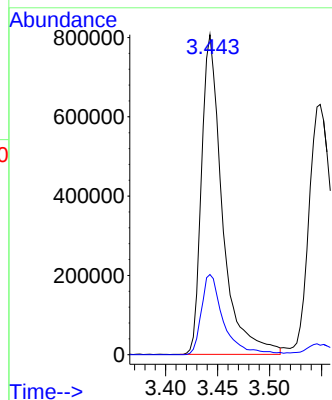
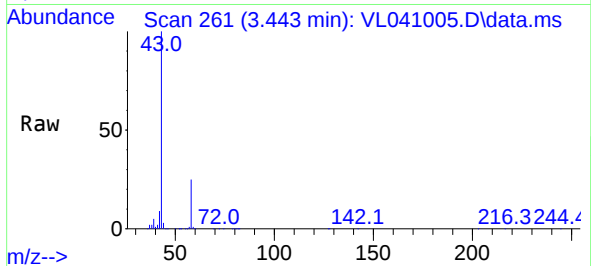




#15  
Acetone  
Concen: 9.270 ppbv  
RT: 3.443 min Scan# 20  
Delta R.T. 0.010 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

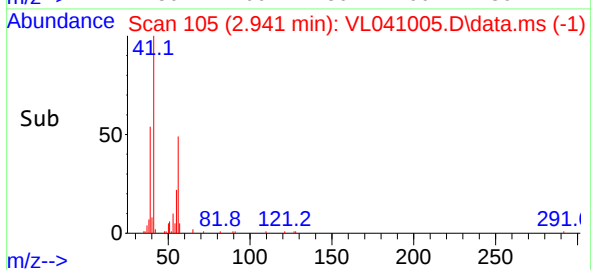
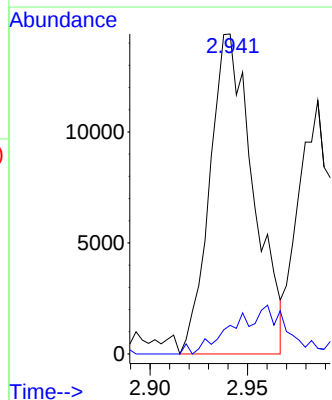
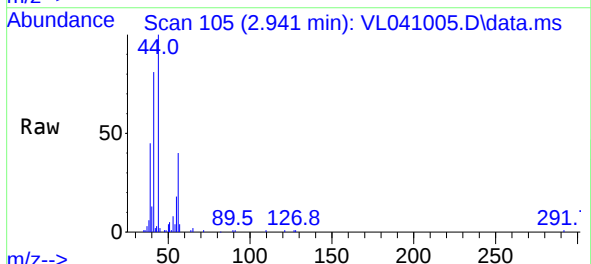
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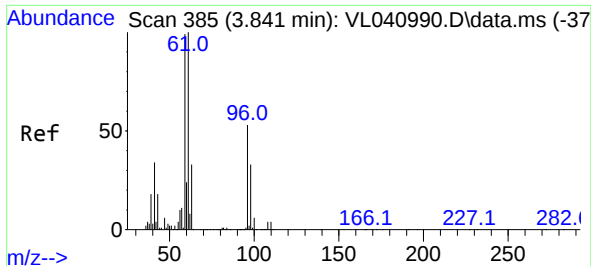
Tgt Ion: 43 Resp: 1122095  
Ion Ratio Lower Upper  
43 100  
58 26.5 22.2 33.2



#16  
1,3-Butadiene  
Concen: 0.386 ppbv  
RT: 2.941 min Scan# 105  
Delta R.T. -0.010 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

Tgt Ion: 39 Resp: 22353  
Ion Ratio Lower Upper  
39 100  
54 19.8 62.7 94.1#

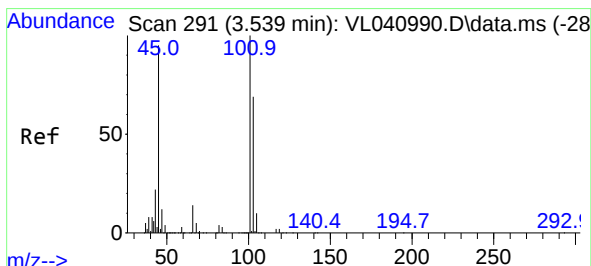
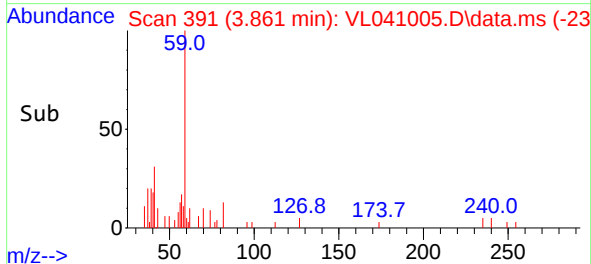
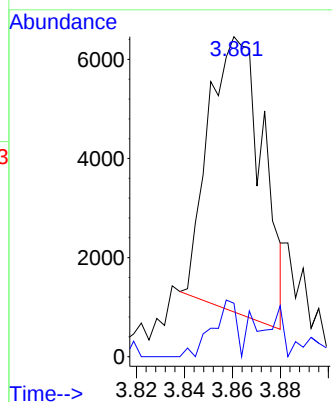
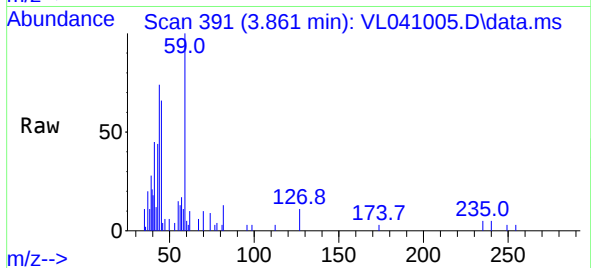




#17  
tert-Butyl alcohol  
Concen: 0.087 ppbv  
RT: 3.861 min Scan# 391  
Delta R.T. 0.019 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

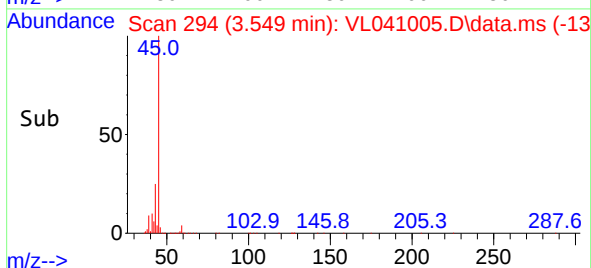
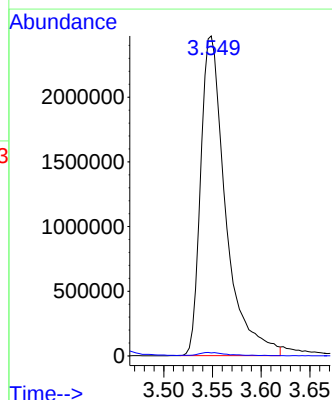
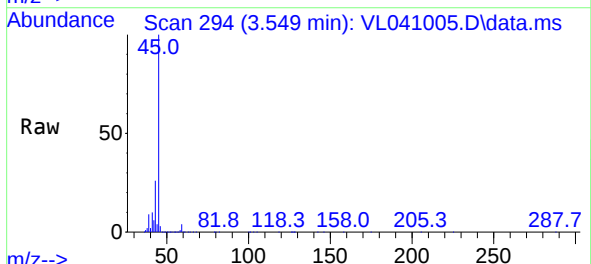
Instrument :  
MSVOA\_L  
ClientSampleId :  
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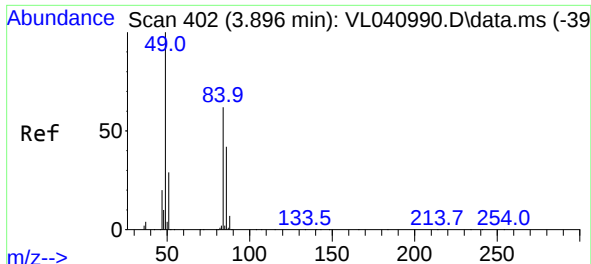
Tgt Ion: 59 Resp: 8655  
Ion Ratio Lower Upper  
59 100  
57 8.9 8.7 13.1



#19  
Isopropyl Alcohol  
Concen: 62.986 ppbv  
RT: 3.549 min Scan# 294  
Delta R.T. 0.010 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

Tgt Ion: 45 Resp: 4413435  
Ion Ratio Lower Upper  
45 100  
58 1.6 2.2 3.4#



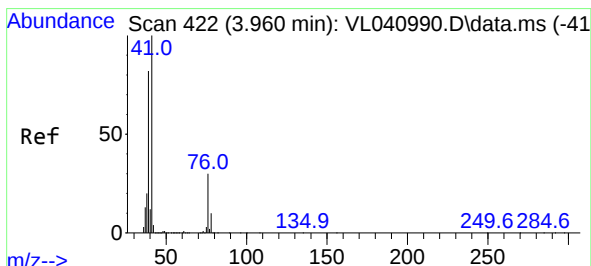
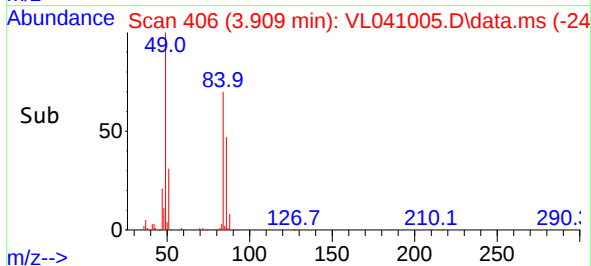
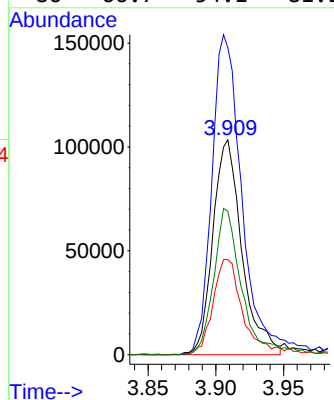
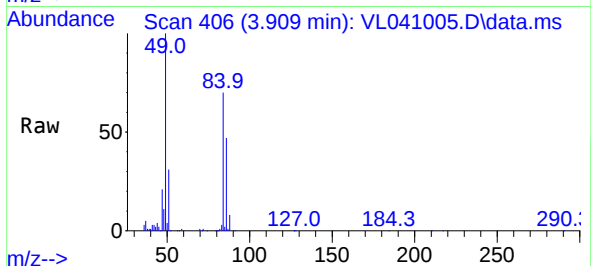


#20  
Methylene Chloride  
Concen: 3.309 ppbv  
RT: 3.909 min Scan# 406  
Delta R.T. 0.013 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

Tgt Ion: 84 Resp: 154111

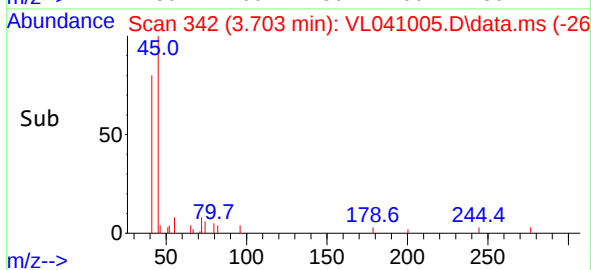
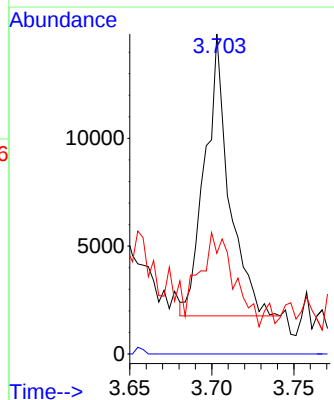
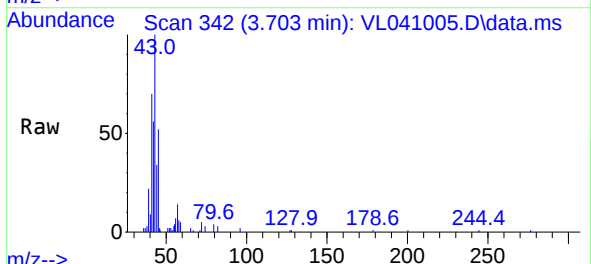
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 142.6 | 128.1 | 192.1 |
| 51  | 44.3  | 36.5  | 54.7  |
| 86  | 66.7  | 54.1  | 81.1  |

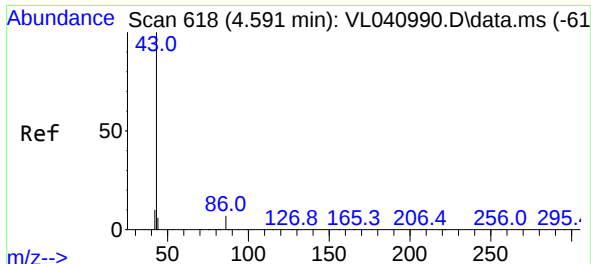


#21  
Allyl Chloride  
Concen: 0.182 ppbv  
RT: 3.703 min Scan# 342  
Delta R.T. -0.257 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

Tgt Ion: 41 Resp: 13389

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 41  | 100   |       |        |
| 76  | 0.0   | 25.0  | 37.4#  |
| 39  | 0.0   | 67.0  | 100.6# |



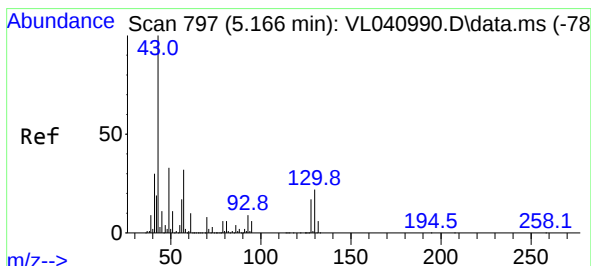
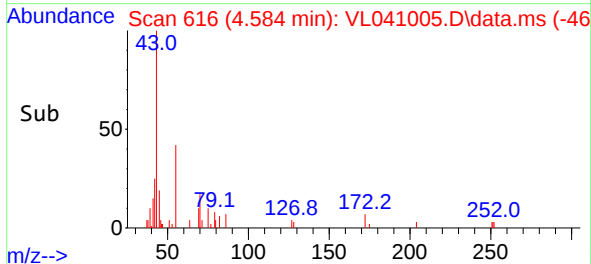
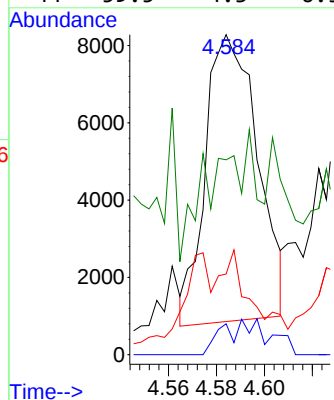
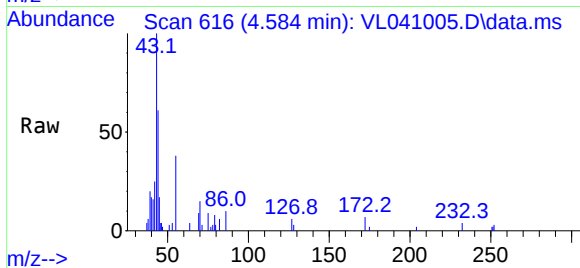


#23  
 Vinyl Acetate  
 Concen: 0.090 ppbv  
 RT: 4.584 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: VL041005.D  
 Acq: 23 Jan 2024 20:49

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1

Tgt Ion: 43 Resp: 11200

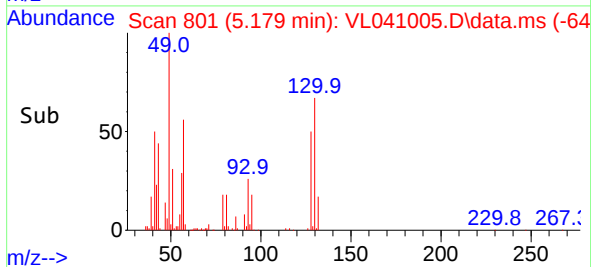
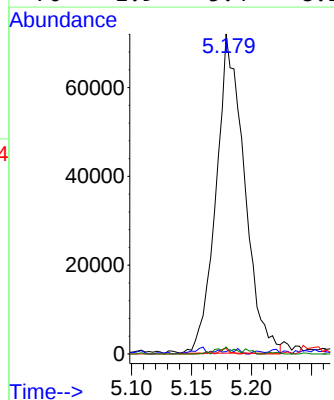
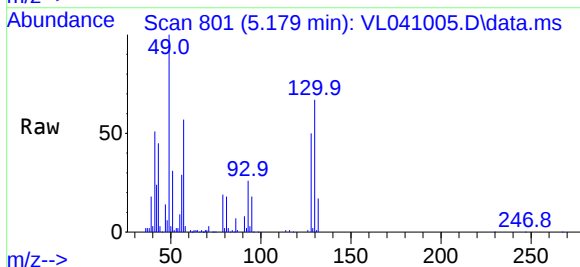
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 11.8  | 5.4   | 8.0#  |
| 42  | 15.4  | 8.6   | 13.0# |
| 44  | 59.5  | 4.3   | 6.5#  |

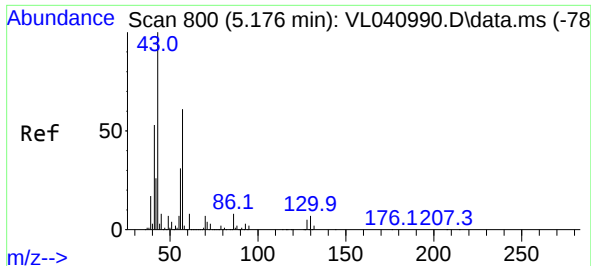


#25  
 Ethyl Acetate  
 Concen: 0.535 ppbv  
 RT: 5.179 min Scan# 801  
 Delta R.T. 0.013 min  
 Lab File: VL041005.D  
 Acq: 23 Jan 2024 20:49

Tgt Ion: 43 Resp: 117438

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 45  | 2.2   | 8.2   | 12.4# |
| 61  | 0.8   | 7.9   | 11.9# |
| 70  | 1.9   | 5.4   | 8.2#  |



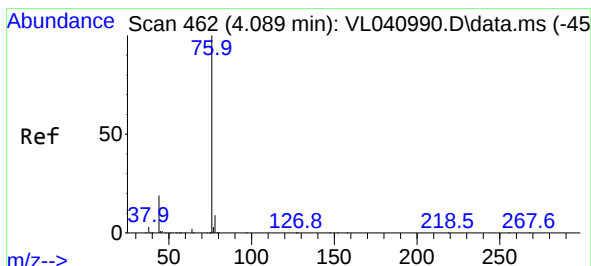
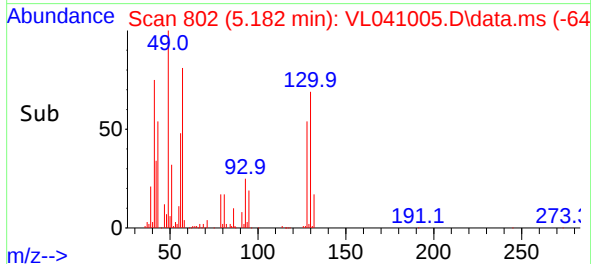
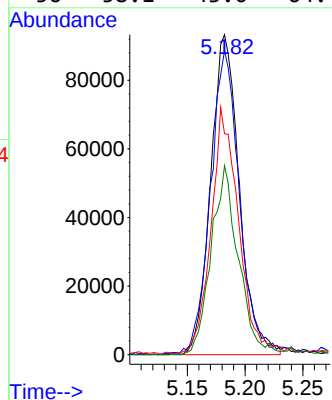
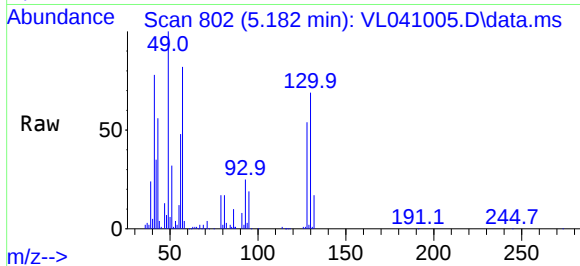


#26  
Hexane  
Concen: 1.713 ppbv  
RT: 5.182 min Scan# 801  
Delta R.T. 0.006 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

Tgt Ion: 57 Resp: 160284

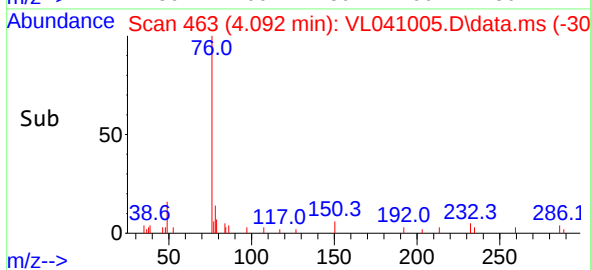
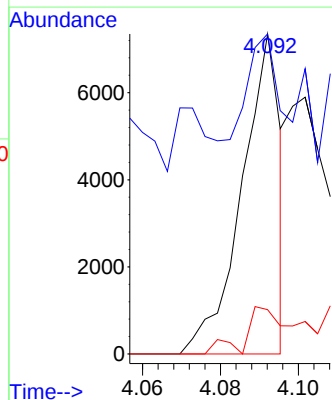
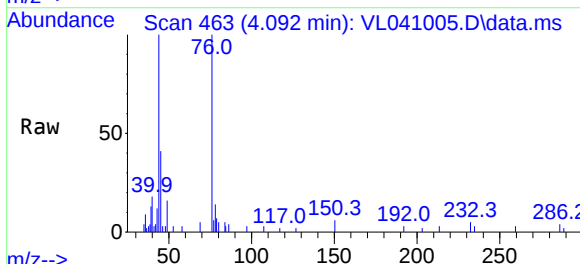
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 57  | 100   |       |        |
| 41  | 100.5 | 74.4  | 111.6  |
| 43  | 76.9  | 190.6 | 285.8# |
| 56  | 58.1  | 43.0  | 64.4   |

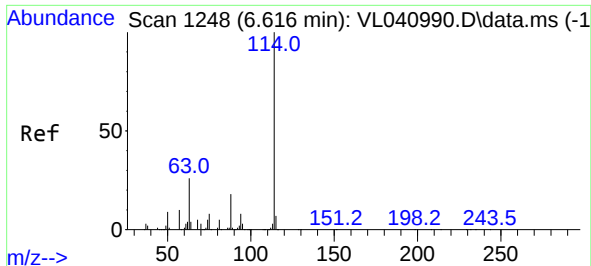


#27  
Carbon Disulfide  
Concen: 0.042 ppbv  
RT: 4.092 min Scan# 463  
Delta R.T. 0.003 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

Tgt Ion: 76 Resp: 5054

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 76  | 100   |       |       |
| 44  | 130.6 | 16.0  | 24.0# |
| 78  | 0.0   | 7.8   | 11.8# |





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.616 min Scan# 114

Delta R.T. -0.000 min

Lab File: VL041005.D

Acq: 23 Jan 2024 20:49

Instrument :

MSVOA\_L

ClientSampleId :

SV1

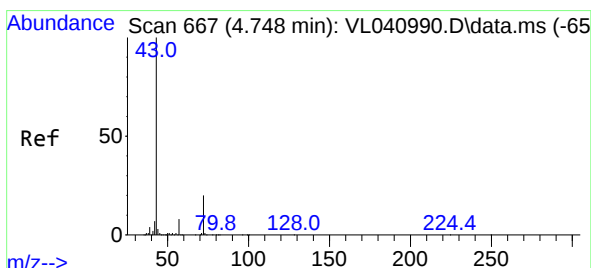
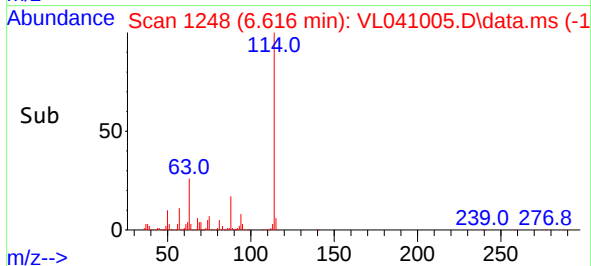
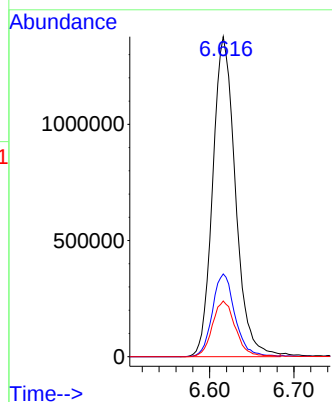
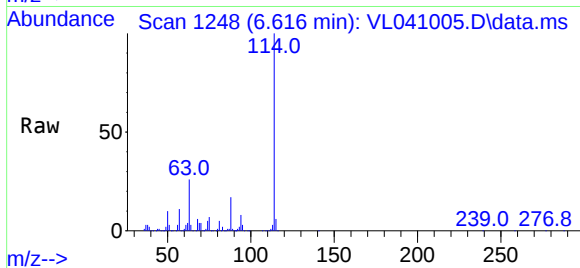
Tgt Ion:114 Resp: 2573211

Ion Ratio Lower Upper

114 100

63 26.2 20.8 31.2

88 17.9 14.3 21.5



#34

2-Butanone

Concen: 0.857 ppbv

RT: 4.761 min Scan# 671

Delta R.T. 0.013 min

Lab File: VL041005.D

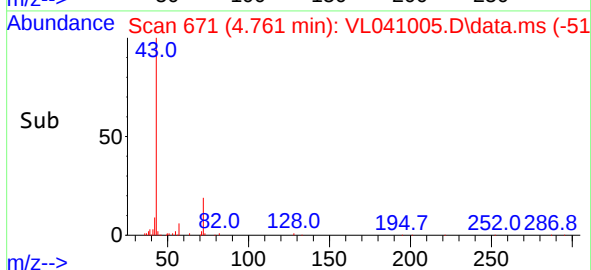
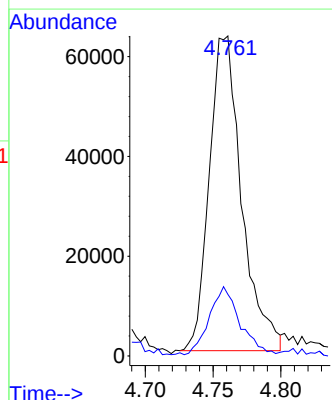
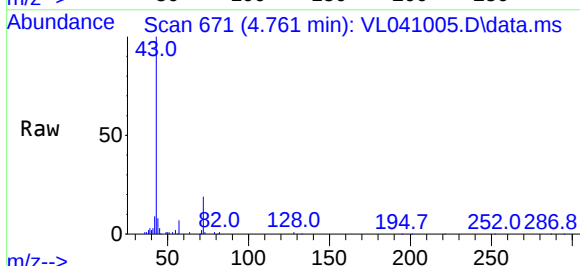
Acq: 23 Jan 2024 20:49

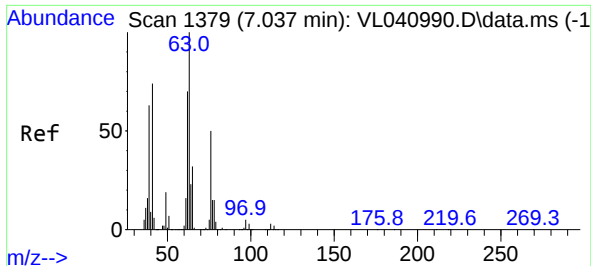
Tgt Ion: 43 Resp: 105061

Ion Ratio Lower Upper

43 100

72 21.7 17.5 26.3





#39

1,2-Dichloropropane

Concen: 7.898 ppbv

RT: 6.616 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL041005.D

Acq: 23 Jan 2024 20:49

Instrument :

MSVOA\_L

ClientSampleId :

SV1

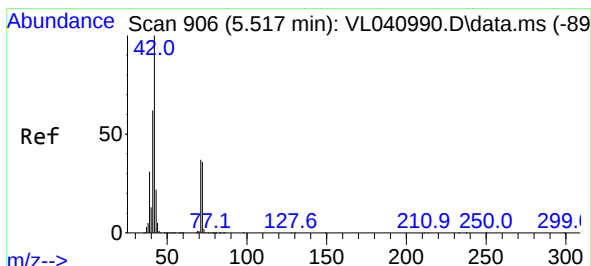
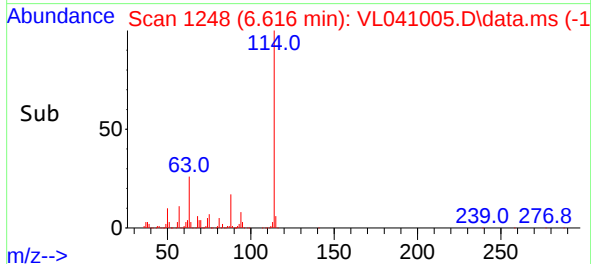
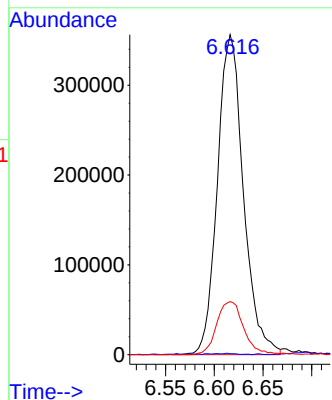
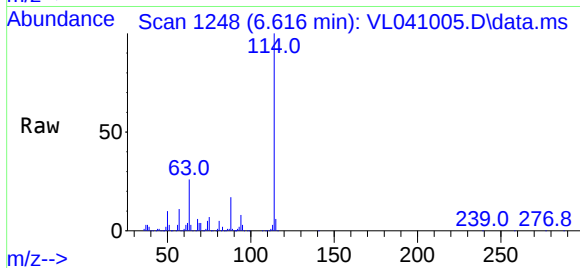
Tgt Ion: 63 Resp: 661180

Ion Ratio Lower Upper

63 100

41 0.1 59.6 89.4#

62 16.6 55.6 83.4#



#41

Tetrahydrofuran

Concen: 0.559 ppbv

RT: 5.529 min Scan# 910

Delta R.T. 0.013 min

Lab File: VL041005.D

Acq: 23 Jan 2024 20:49

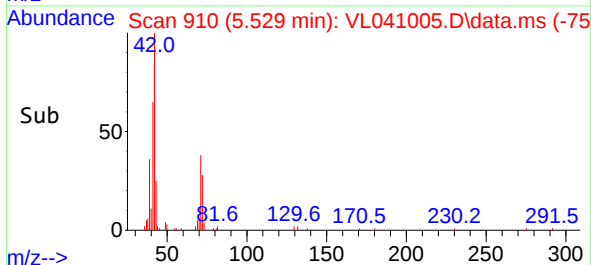
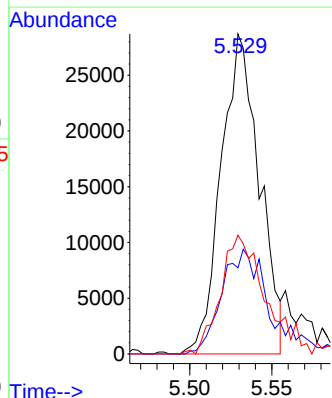
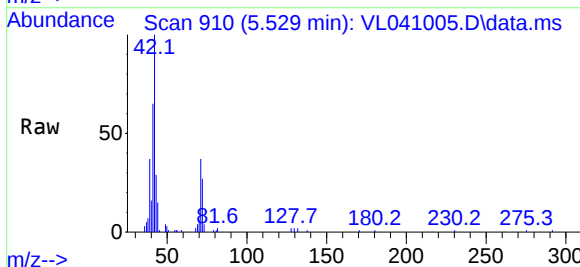
Tgt Ion: 42 Resp: 46512

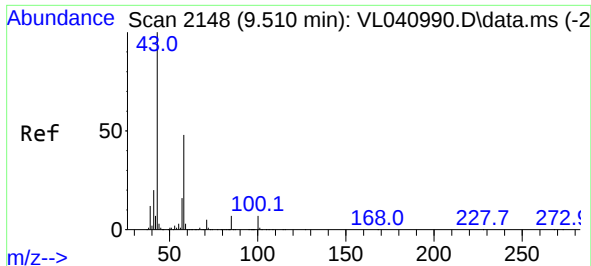
Ion Ratio Lower Upper

42 100

72 41.7 30.0 45.0

71 46.1 29.5 44.3#

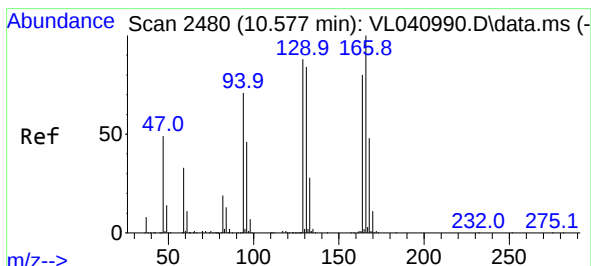
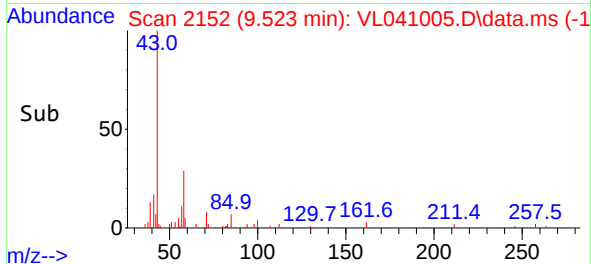
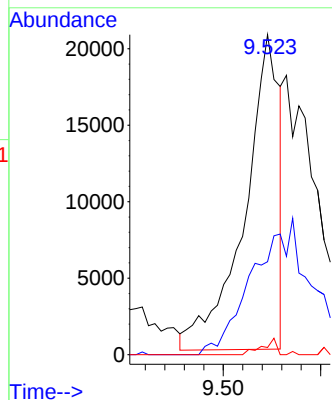
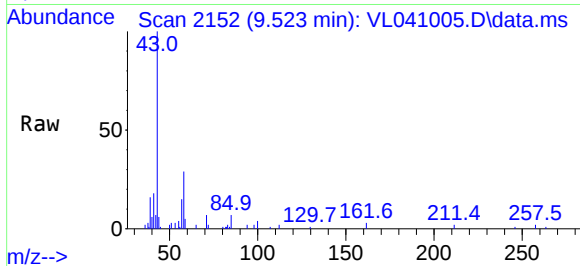




#51  
2-Hexanone  
Concen: 0.165 ppbv  
RT: 9.523 min Scan# 2148  
Delta R.T. 0.013 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

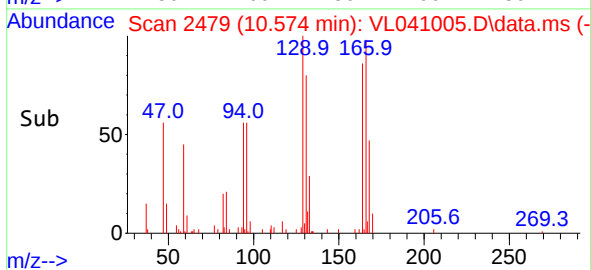
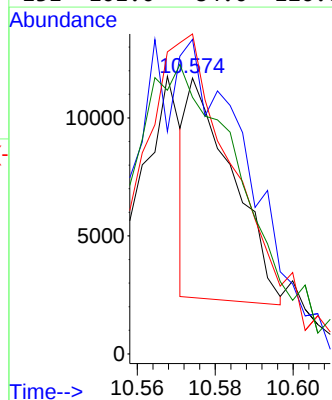
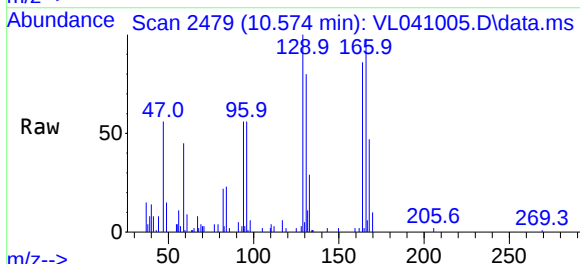
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

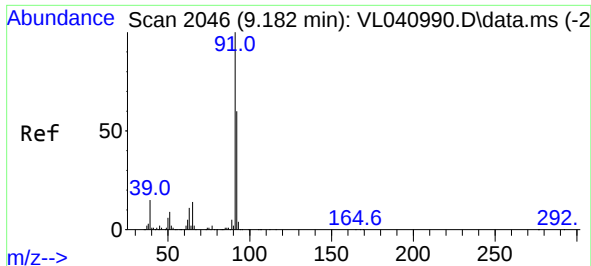
Tgt Ion: 43 Resp: 25617  
Ion Ratio Lower Upper  
43 100  
58 0.0 36.8 55.2#  
98 2.2 0.3 0.5#



#52  
Tetrachloroethene  
Concen: 0.106 ppbv  
RT: 10.574 min Scan# 2479  
Delta R.T. -0.003 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

Tgt Ion: 164 Resp: 7482  
Ion Ratio Lower Upper  
164 100  
166 106.4 100.2 150.2  
129 115.5 87.9 131.9  
131 101.0 84.0 126.0

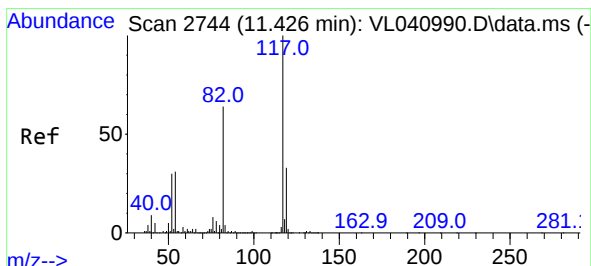
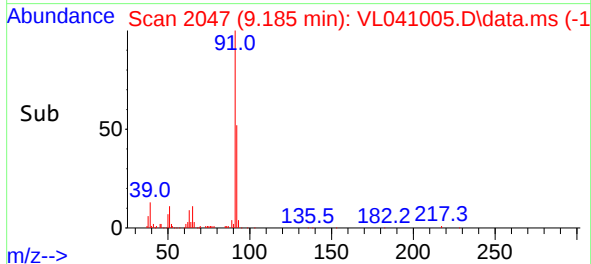
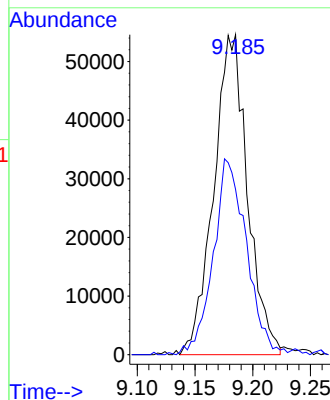
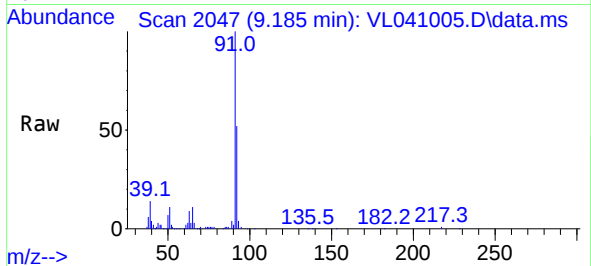




#53  
Toluene  
Concen: 0.477 ppbv  
RT: 9.185 min Scan# 2046  
Delta R.T. 0.003 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

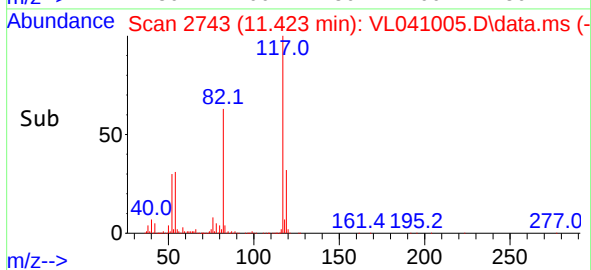
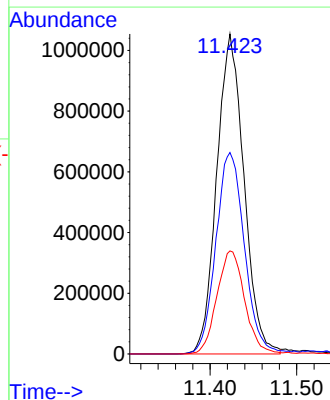
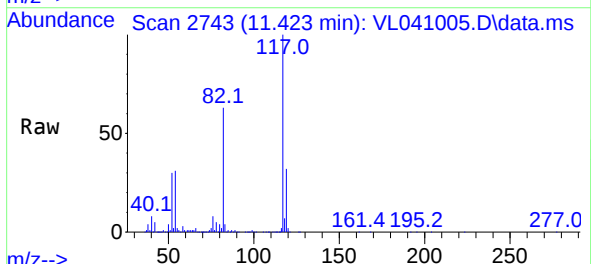
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

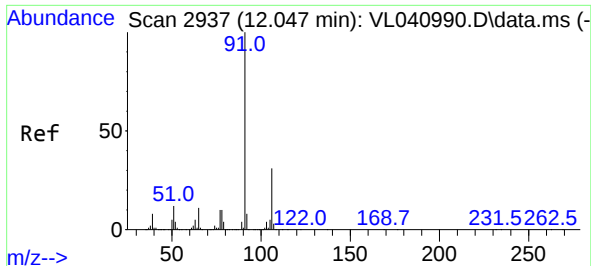
Tgt Ion: 91 Resp: 111084  
Ion Ratio Lower Upper  
91 100  
92 60.5 48.6 72.8



#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 11.423 min Scan# 2743  
Delta R.T. -0.003 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

Tgt Ion: 117 Resp: 2305446  
Ion Ratio Lower Upper  
117 100  
82 66.2 51.7 77.5  
119 33.2 23.8 35.6

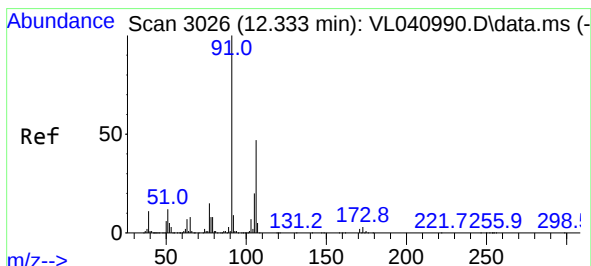
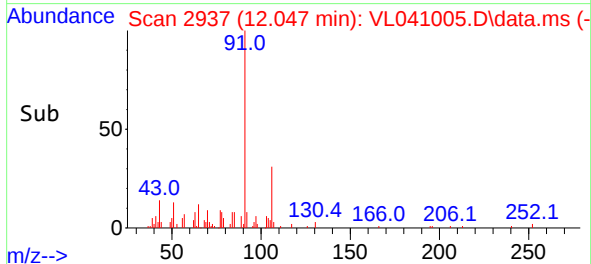
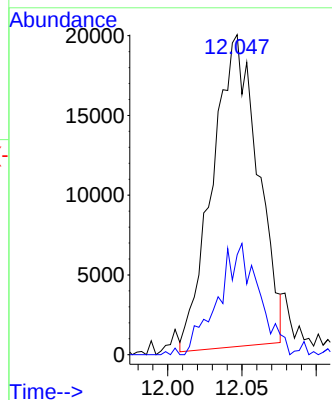
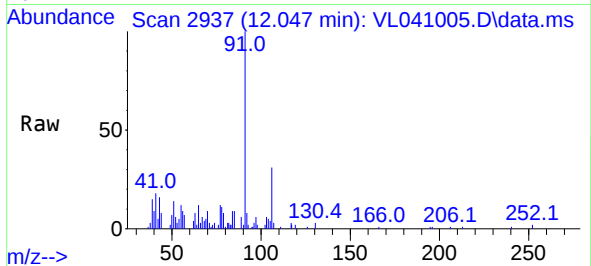




#58  
Ethyl Benzene  
Concen: 0.135 ppbv  
RT: 12.047 min Scan# 2937  
Delta R.T. -0.000 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

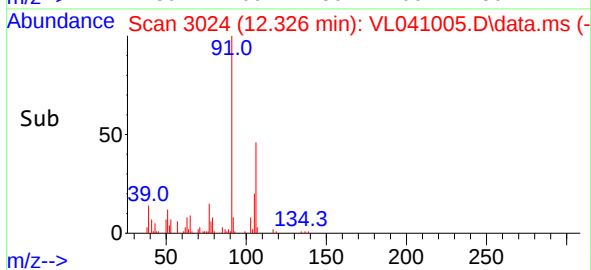
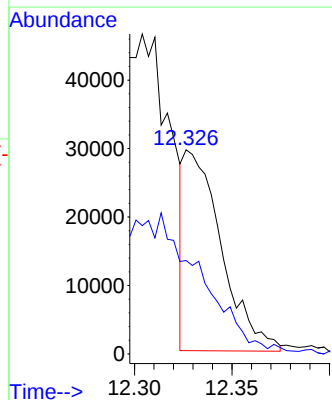
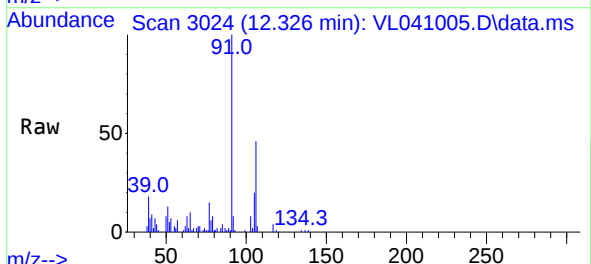
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

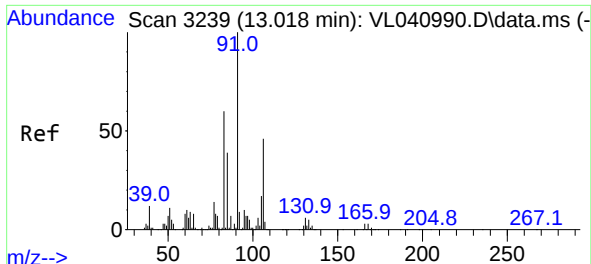
Tgt Ion: 91 Resp: 41654  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.8 37.2



#59  
m/p-Xylene  
Concen: 0.144 ppbv  
RT: 12.326 min Scan# 3024  
Delta R.T. -0.007 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

Tgt Ion: 91 Resp: 38944  
Ion Ratio Lower Upper  
91 100  
106 0.0 34.9 52.3#

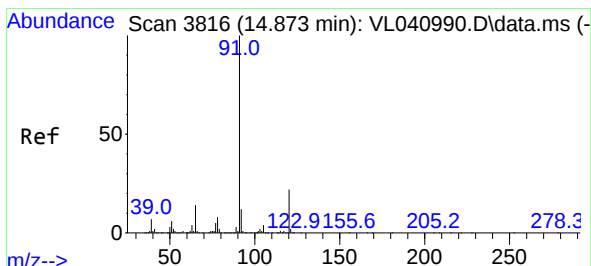
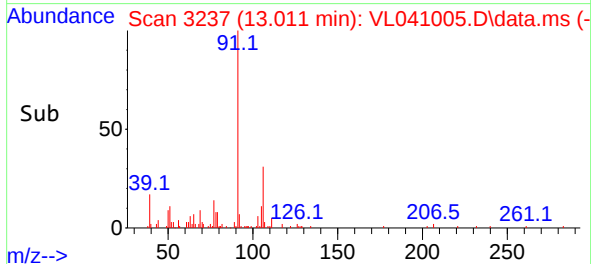
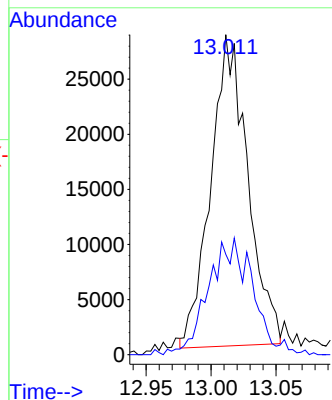
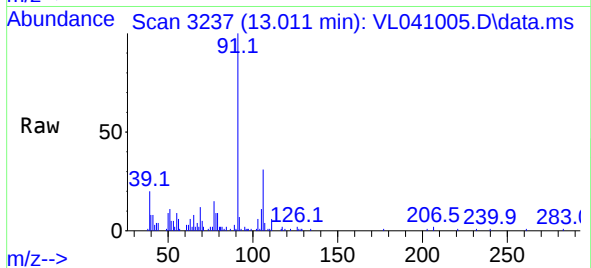




#60  
o-Xylene  
Concen: 0.217 ppbv  
RT: 13.011 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

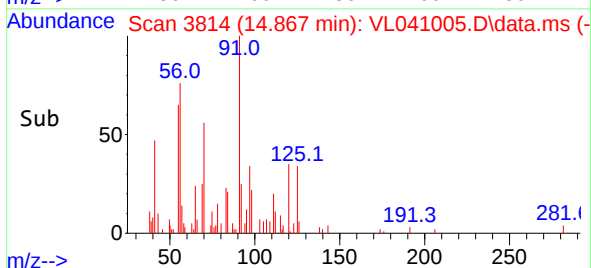
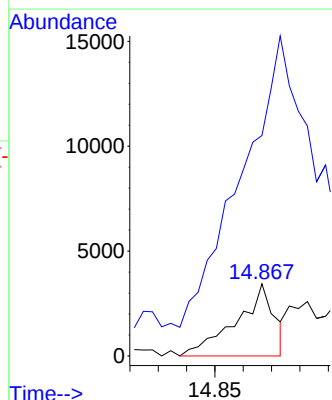
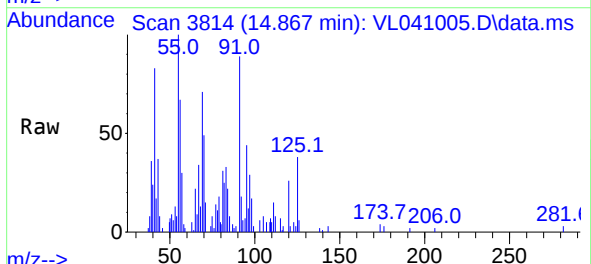
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

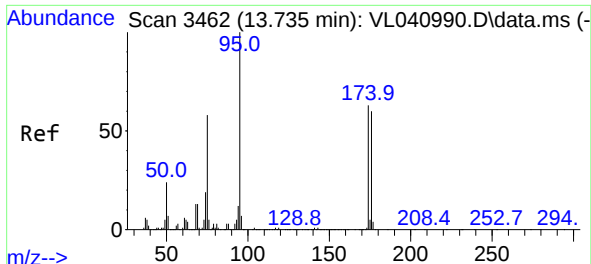
Tgt Ion: 91 Resp: 56118  
Ion Ratio Lower Upper  
91 100  
106 44.9 22.6 67.7



#64  
n-propylbenzene  
Concen: 0.033 ppbv  
RT: 14.867 min Scan# 3814  
Delta R.T. -0.007 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

Tgt Ion: 120 Resp: 3191  
Ion Ratio Lower Upper  
120 100  
91 1084.3 390.6 585.8#

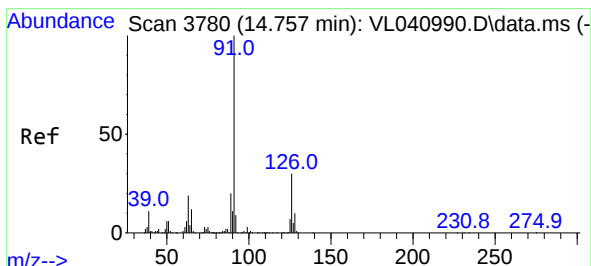
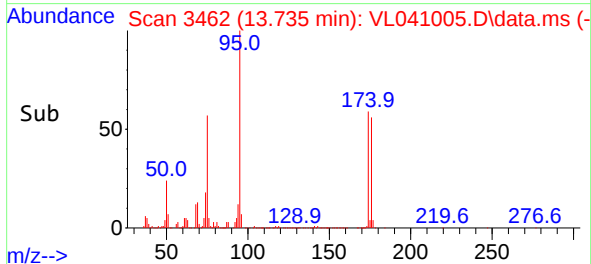
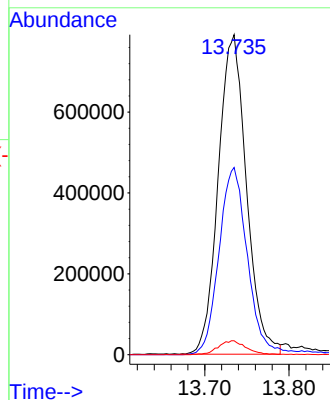
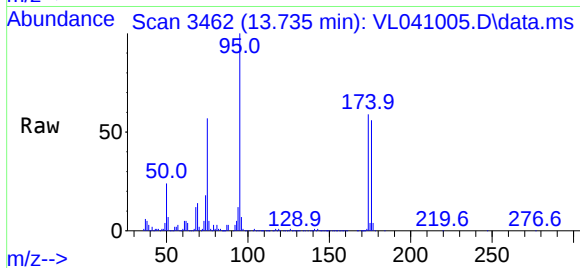




#68  
1-Bromo-4-Fluorobenzene  
Concen: 10.539 ppbv  
RT: 13.735 min Scan# 3462  
Delta R.T. -0.000 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

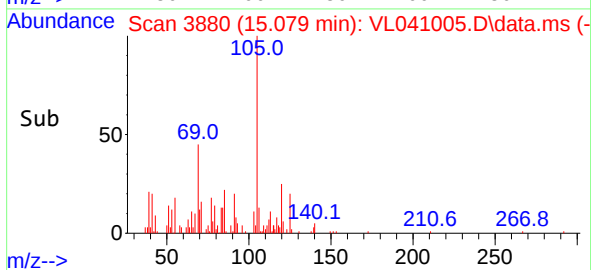
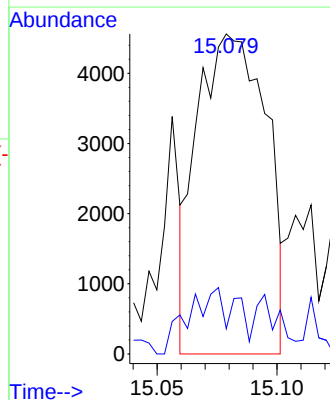
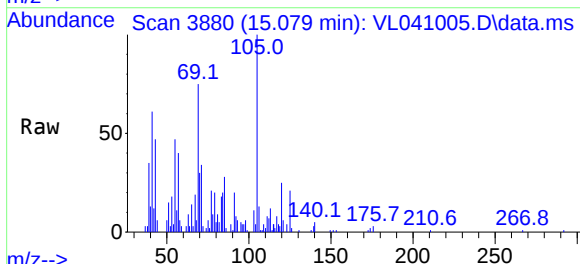
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

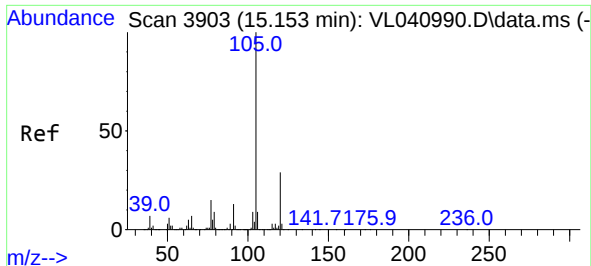
Tgt Ion: 95 Resp: 1835116  
Ion Ratio Lower Upper  
95 100  
174 61.0 49.1 73.7  
175 4.4 3.7 5.5



#71  
2-Chlorotoluene  
Concen: 0.031 ppbv  
RT: 15.079 min Scan# 3880  
Delta R.T. 0.321 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

Tgt Ion: 91 Resp: 9111  
Ion Ratio Lower Upper  
91 100  
126 27.2 12.3 49.1

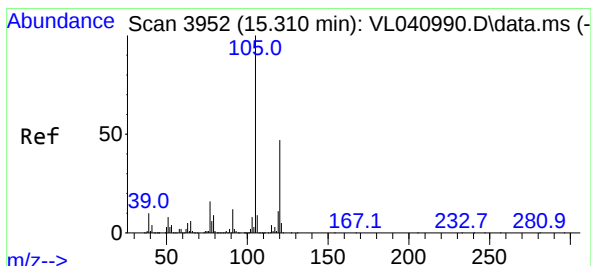
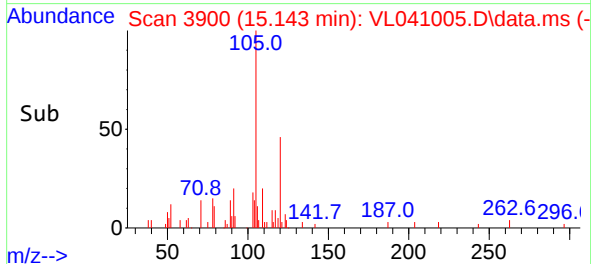
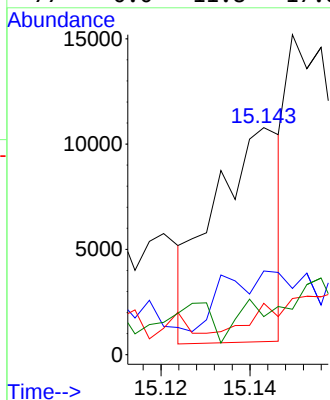
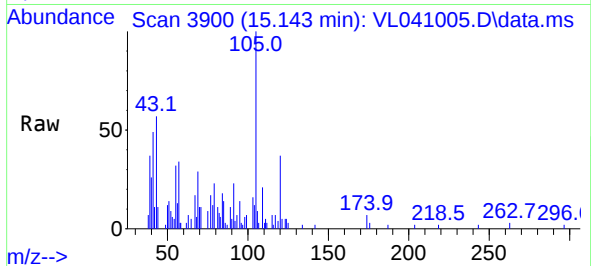




#72  
4-Ethyltoluene  
Concen: 0.037 ppbv  
RT: 15.143 min Scan# 3903  
Delta R.T. -0.010 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

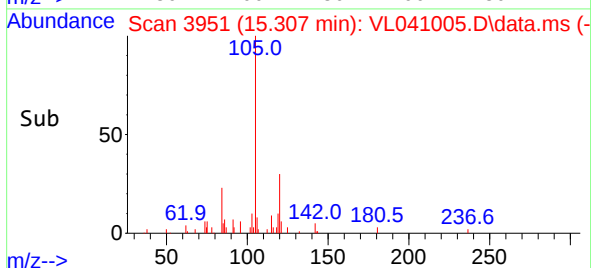
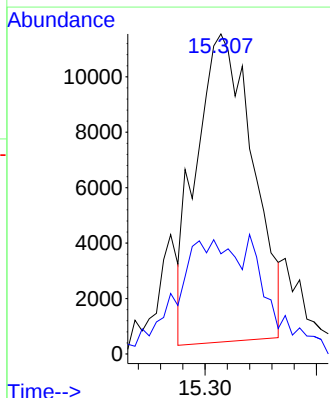
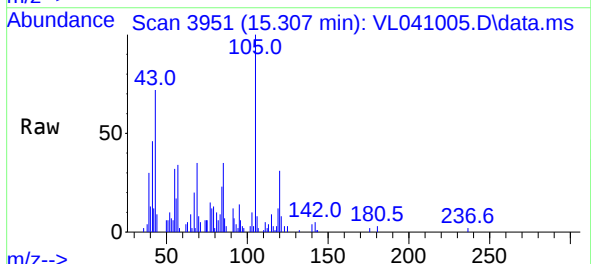
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

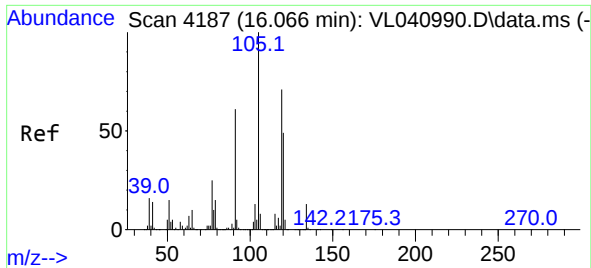
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 10587 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 0.0   | 24.3  | 36.5# |
| 91       | 0.0   | 11.0  | 16.4# |
| 77       | 0.0   | 11.8  | 17.8# |



#73  
1,3,5-Trimethylbenzene  
Concen: 0.077 ppbv  
RT: 15.307 min Scan# 3951  
Delta R.T. -0.003 min  
Lab File: VL041005.D  
Acq: 23 Jan 2024 20:49

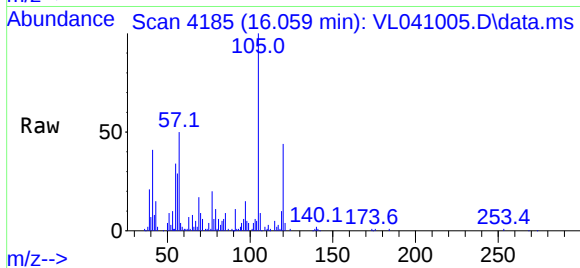
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 19671 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 32.4  | 37.2  | 55.8# |





#74  
 1,2,4-Trimethylbenzene  
 Concen: 0.184 ppbv  
 RT: 16.059 min Scan# 41  
 Delta R.T. -0.007 min  
 Lab File: VL041005.D  
 Acq: 23 Jan 2024 20:49

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 53490 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 43.5  | 39.3  | 58.9  |
| 91       | 10.6  | 48.7  | 73.1# |
| 77       | 17.4  | 19.8  | 29.8# |

