

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL051623\  
 Data File : VL040444.D  
 Acq On : 16 May 2023 19:06  
 Operator : SY/MD  
 Sample : 02793-03 8X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SG-3

Quant Time: May 17 05:16:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL051623AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Wed May 17 05:12:40 2023  
 Response via : Initial Calibration

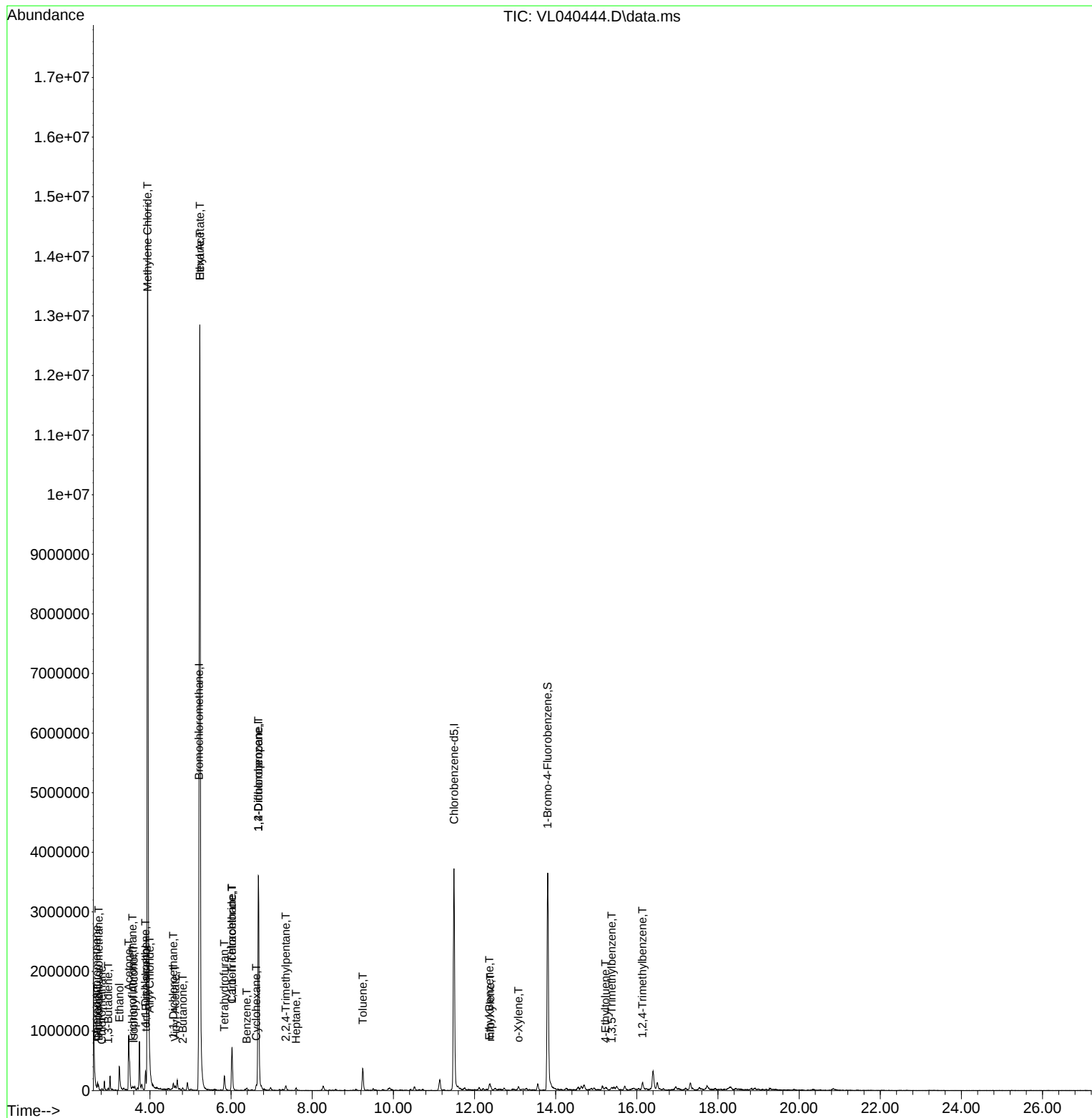
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.208  | 49    | 1092544  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.674  | 114   | 2853018  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.494 | 117   | 2467254  | 10.000   | ppbv   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.802 | 95    | 1892222  | 9.538    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 95.400%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 2.735  | 85    | 44010    | 0.205    | ppbv   | 93       |
| 3) Chlorodifluoromethane    | 2.681  | 51    | 49345    | 0.350    | ppbv # | 78       |
| 4) Chloromethane            | 2.812  | 50    | 8063     | 0.092    | ppbv # | 81       |
| 9) Propene                  | 2.709  | 41    | 22304    | 0.406    | ppbv # | 77       |
| 10) Heptane                 | 7.603  | 43    | 14133    | 0.111    | ppbv   | 95       |
| 11) Trichlorofluoromethane  | 3.571  | 101   | 20208    | 0.104    | ppbv   | 94       |
| 13) Ethanol                 | 3.246  | 45    | 455504   | 109.495  | ppbv   | 92       |
| 15) Acetone                 | 3.478  | 43    | 991930   | 7.177    | ppbv   | 99       |
| 16) 1,3-Butadiene           | 2.970  | 39    | 9191     | 0.145    | ppbv # | 14       |
| 17) tert-Butyl alcohol      | 3.899  | 59    | 13303    | 0.096    | ppbv # | 72       |
| 18) 1,1-Dichloroethene      | 3.890  | 96    | 82598    | 1.319    | ppbv   | 87       |
| 19) Isopropyl Alcohol       | 3.597  | 45    | 43934    | 0.653    | ppbv # | 1        |
| 20) Methylene Chloride      | 3.944  | 84    | 5479153  | 88.990   | ppbv   | 91       |
| 21) Allyl Chloride          | 3.996  | 41    | 3952     | 0.045    | ppbv # | 1        |
| 23) Vinyl Acetate           | 4.623  | 43    | 21236    | 0.556    | ppbv # | 8        |
| 24) 1,1-Dichloroethane      | 4.574  | 63    | 88774    | 0.679    | ppbv   | 97       |
| 25) Ethyl Acetate           | 5.230  | 43    | 3811107  | 14.641   | ppbv # | 75       |
| 26) Hexane                  | 5.230  | 57    | 5629532  | 52.172   | ppbv # | 34       |
| 30) Cyclohexane             | 6.619  | 84    | 28503    | 0.325    | ppbv   | 86       |
| 32) 1,1,1-Trichloroethane   | 6.024  | 97    | 466728   | 2.283    | ppbv   | 99       |
| 34) 2-Butanone              | 4.809  | 43    | 43190    | 0.284    | ppbv   | 92       |
| 35) Carbon Tetrachloride    | 6.024  | 117   | 28726    | 0.140    | ppbv   | 90       |
| 36) Benzene                 | 6.388  | 78    | 7283     | 0.031    | ppbv # | 78       |
| 39) 1,2-Dichloropropane     | 6.671  | 63    | 689650   | 7.598    | ppbv # | 22       |
| 41) Tetrahydrofuran         | 5.835  | 42    | 26389    | 0.313    | ppbv # | 35       |
| 44) 2,2,4-Trimethylpentane  | 7.346  | 57    | 18476    | 0.048    | ppbv # | 1        |
| 53) Toluene                 | 9.243  | 91    | 284148   | 1.161    | ppbv   | 99       |
| 58) Ethyl Benzene           | 12.362 | 91    | 27401    | 0.088    | ppbv   | 99       |
| 59) m/p-Xylene              | 12.391 | 91    | 31001    | 0.109    | ppbv # | 32       |
| 60) o-Xylene                | 13.085 | 91    | 26003    | 0.096    | ppbv # | 55       |
| 72) 4-Ethyltoluene          | 15.227 | 105   | 10464    | 0.034    | ppbv # | 3        |
| 73) 1,3,5-Trimethylbenzene  | 15.381 | 105   | 23786    | 0.084    | ppbv   | 94       |
| 74) 1,2,4-Trimethylbenzene  | 16.137 | 105   | 42284    | 0.130    | ppbv # | 73       |
| -----                       |        |       |          |          |        |          |

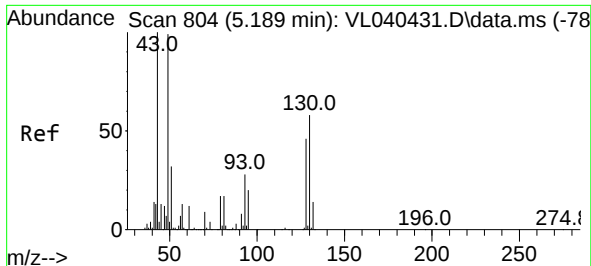
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL051623\  
Data File : VL040444.D  
Acq On : 16 May 2023 19:06  
Operator : SY/MD  
Sample : 02793-03 8X  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
SG-3

Quant Time: May 17 05:16:37 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL051623AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
QLast Update : Wed May 17 05:12:40 2023  
Response via : Initial Calibration

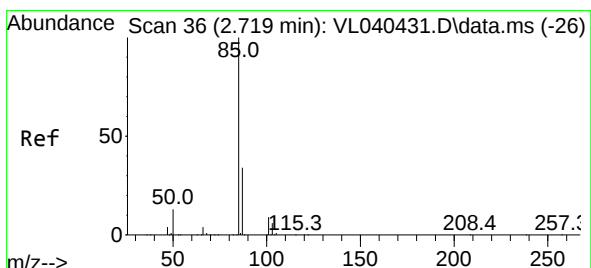
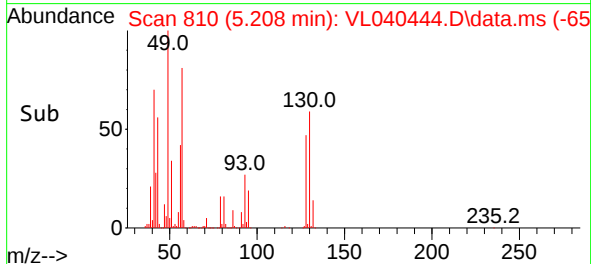
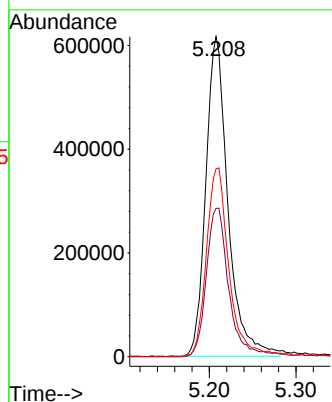
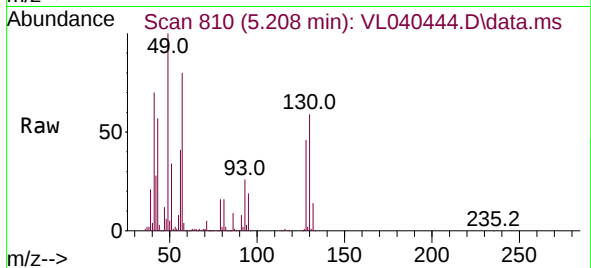




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.208 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

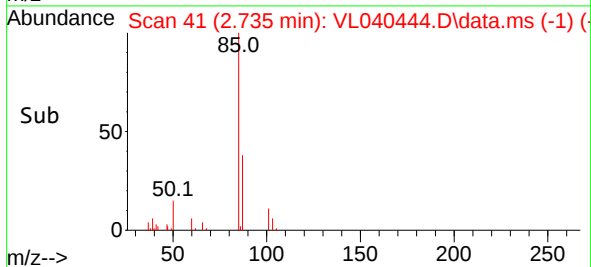
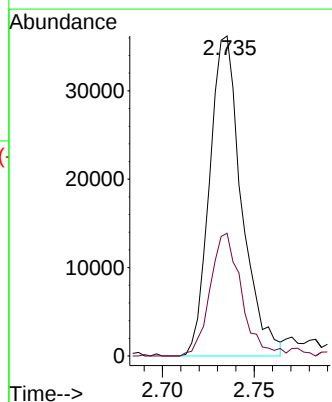
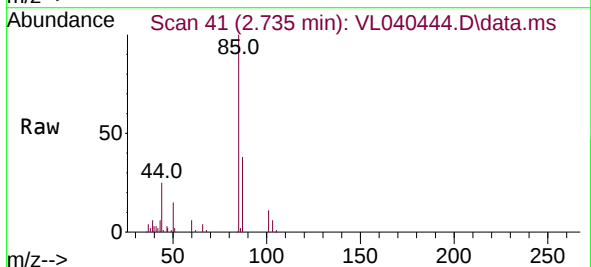
Instrument :  
MSVOA\_L  
ClientSampleId :  
SG-3

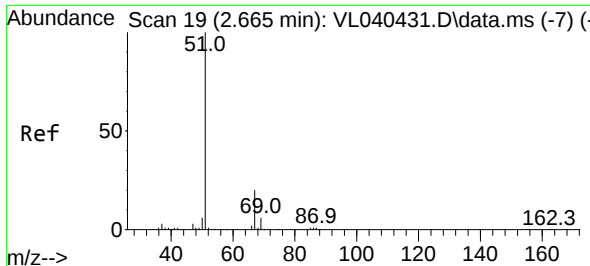
Tgt Ion: 49 Resp: 1092544  
Ion Ratio Lower Upper  
49 100  
128 48.2 24.3 72.8  
130 61.3 30.2 90.6



#2  
Dichlorodifluoromethane  
Concen: 0.205 ppbv  
RT: 2.735 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

Tgt Ion: 85 Resp: 44010  
Ion Ratio Lower Upper  
85 100  
87 38.4 27.4 41.0

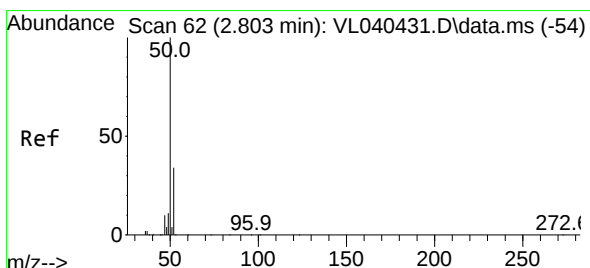
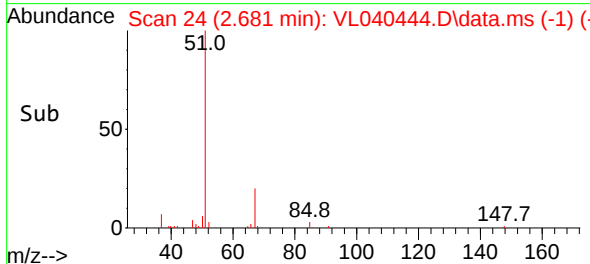
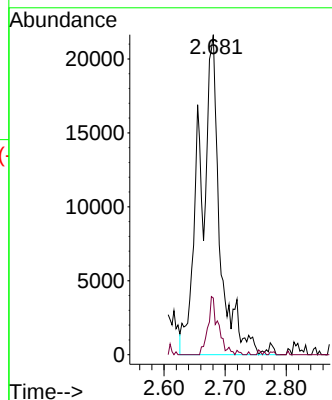
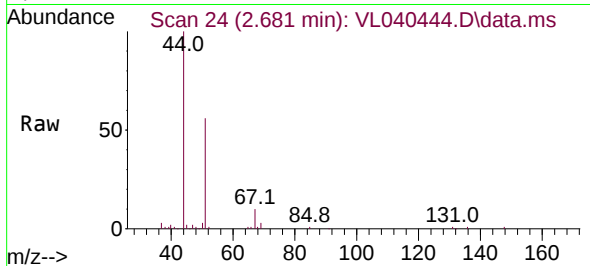




#3  
Chlorodifluoromethane  
Concen: 0.350 ppbv  
RT: 2.681 min Scan# 24  
Delta R.T. 0.006 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

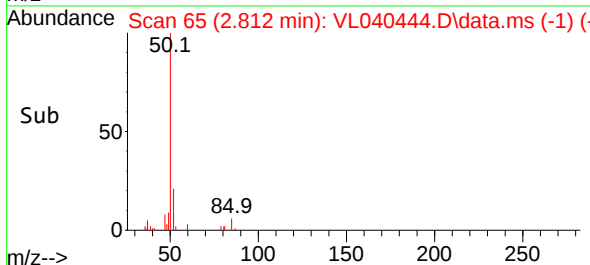
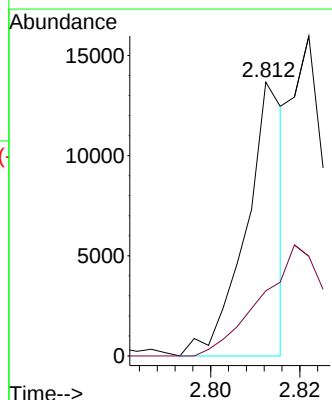
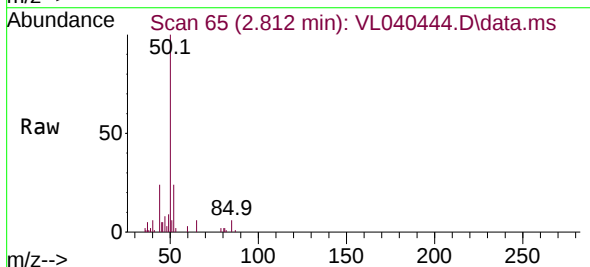
Instrument :  
MSVOA\_L  
ClientSampleId :  
SG-3

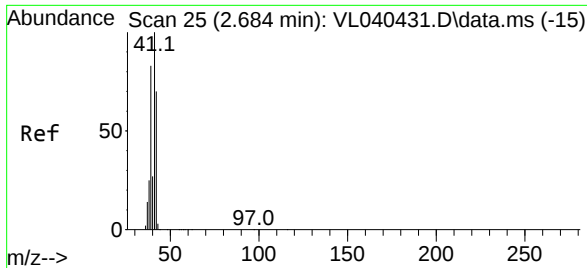
Tgt Ion: 51 Resp: 49345  
Ion Ratio Lower Upper  
51 100  
67 9.7 15.8 23.6#



#4  
Chloromethane  
Concen: 0.092 ppbv  
RT: 2.812 min Scan# 65  
Delta R.T. 0.000 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

Tgt Ion: 50 Resp: 8063  
Ion Ratio Lower Upper  
50 100  
52 23.8 27.6 41.4#





#9

Propene

Concen: 0.406 ppbv

RT: 2.709 min Scan# 31

Delta R.T. 0.016 min

Lab File: VL040444.D

Acq: 16 May 2023 19:06

Instrument :

MSVOA\_L

ClientSampleId :

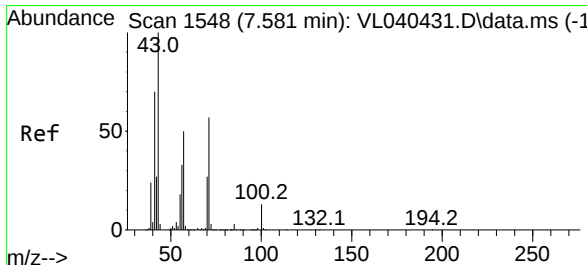
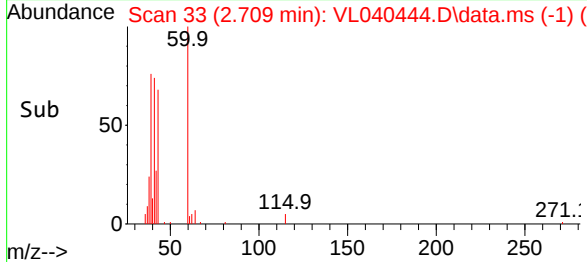
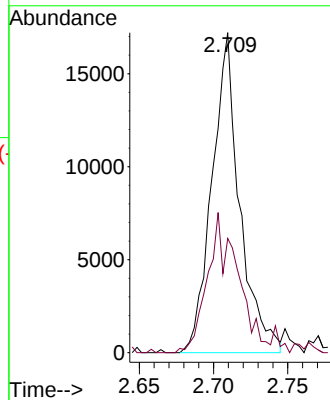
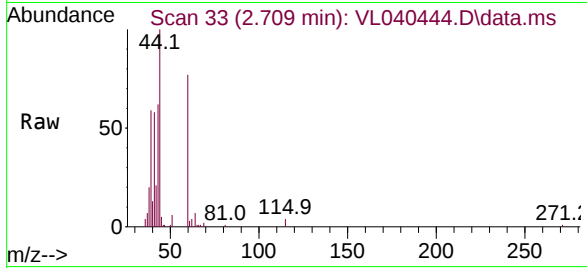
SG-3

Tgt Ion: 41 Resp: 22304

Ion Ratio Lower Upper

41 100

42 51.7 56.6 84.8#



#10

Heptane

Concen: 0.111 ppbv

RT: 7.603 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VL040444.D

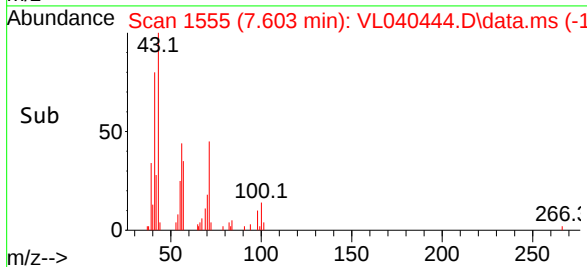
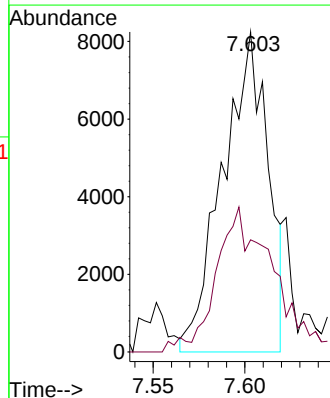
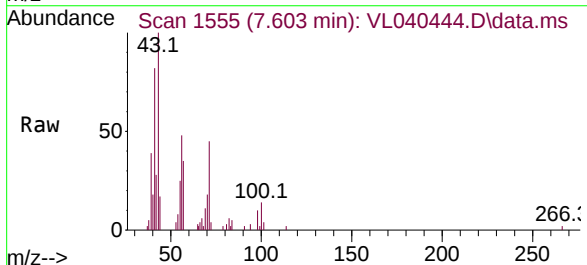
Acq: 16 May 2023 19:06

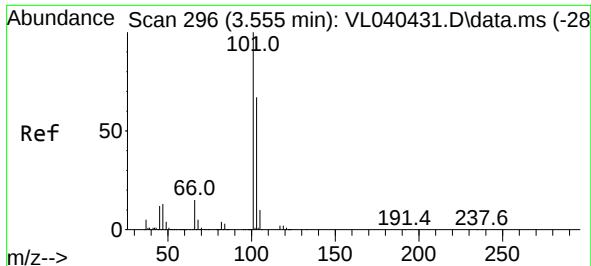
Tgt Ion: 43 Resp: 14133

Ion Ratio Lower Upper

43 100

57 56.2 42.2 63.2

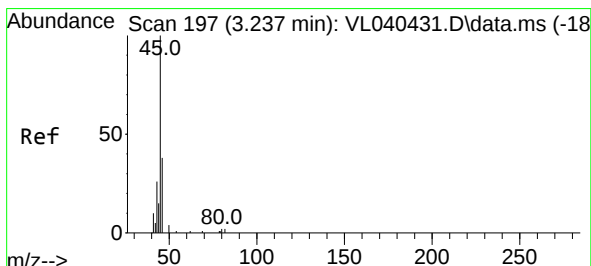
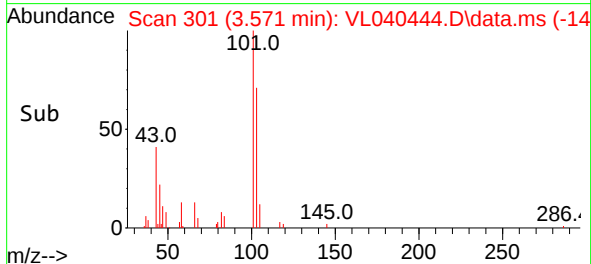
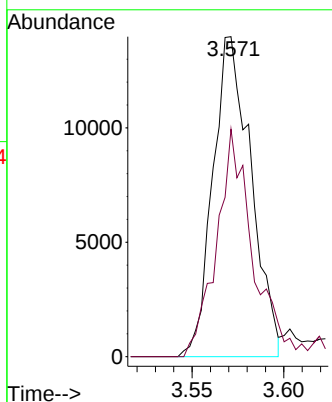
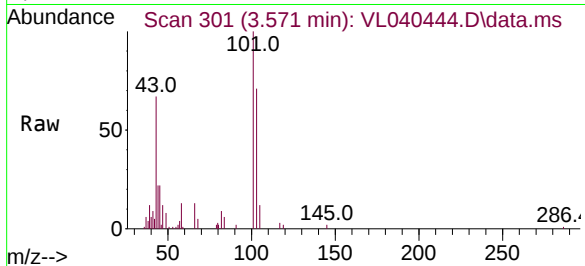




#11  
 Trichlorofluoromethane  
 Concen: 0.104 ppbv  
 RT: 3.571 min Scan# 301  
 Delta R.T. 0.003 min  
 Lab File: VL040444.D  
 Acq: 16 May 2023 19:06

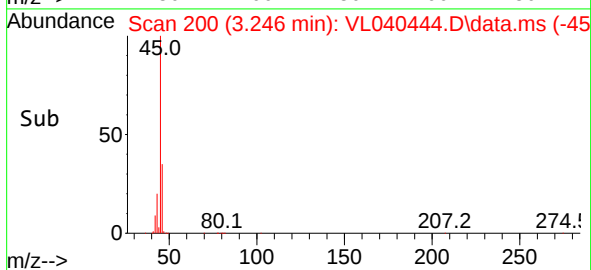
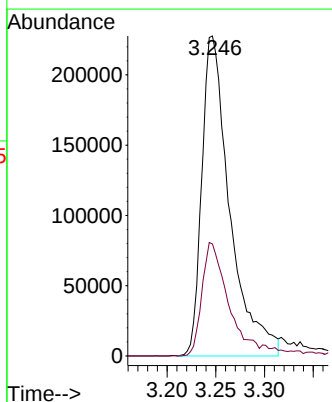
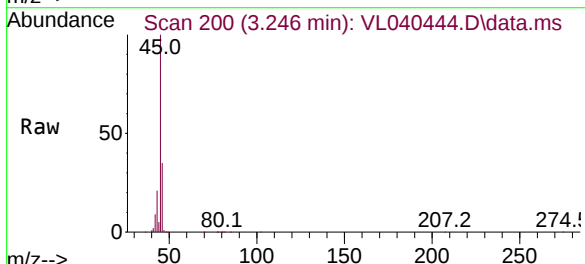
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SG-3

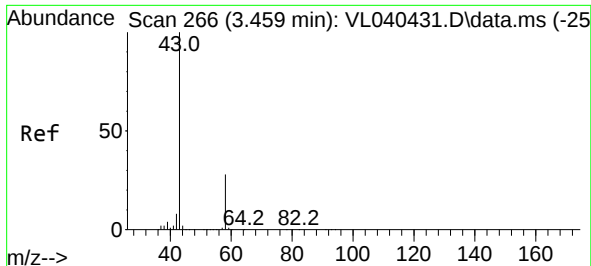
Tgt Ion:101 Resp: 20208  
 Ion Ratio Lower Upper  
 101 100  
 103 71.1 53.3 79.9



#13  
 Ethanol  
 Concen: 109.495 ppbv  
 RT: 3.246 min Scan# 200  
 Delta R.T. -0.003 min  
 Lab File: VL040444.D  
 Acq: 16 May 2023 19:06

Tgt Ion: 45 Resp: 455504  
 Ion Ratio Lower Upper  
 45 100  
 46 37.3 13.2 52.8

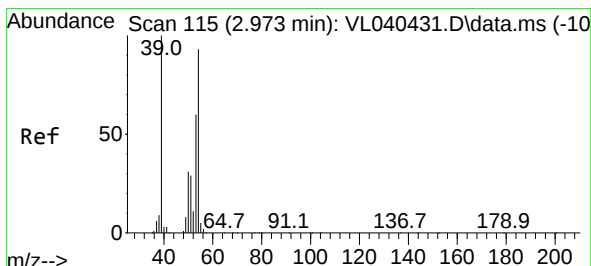
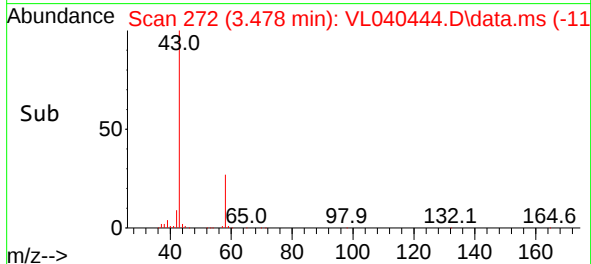
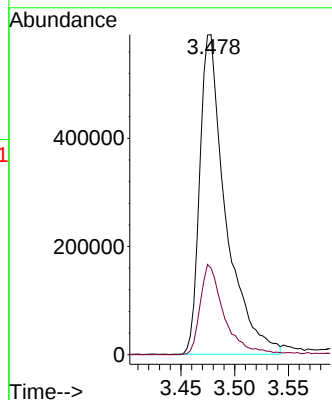
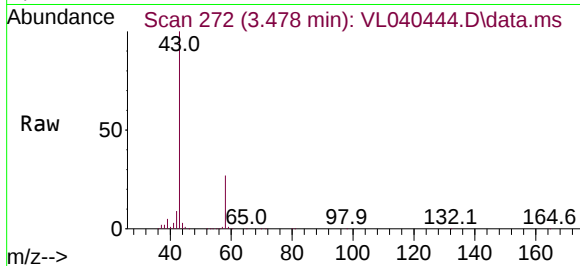




#15  
Acetone  
Concen: 7.177 ppbv  
RT: 3.478 min Scan# 21  
Delta R.T. 0.010 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

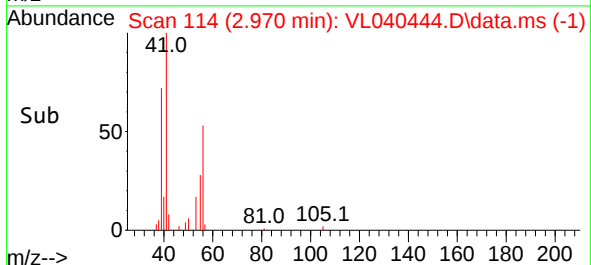
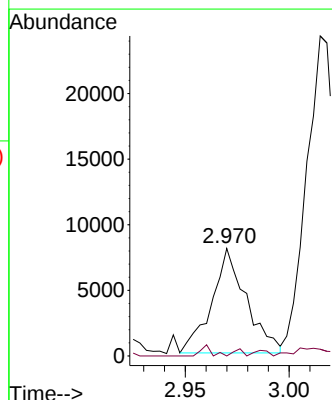
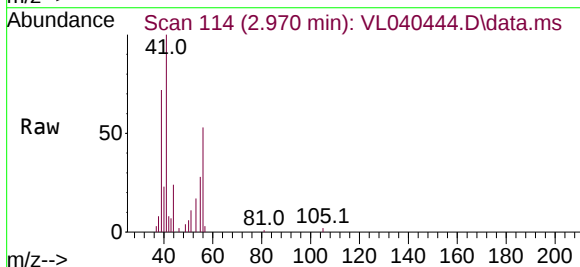
Instrument :  
MSVOA\_L  
ClientSampleId :  
SG-3

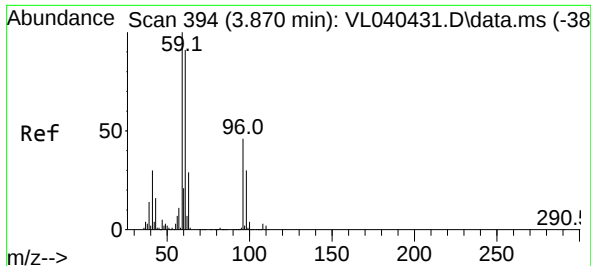
Tgt Ion: 43 Resp: 991930  
Ion Ratio Lower Upper  
43 100  
58 27.3 22.2 33.4



#16  
1,3-Butadiene  
Concen: 0.145 ppbv  
RT: 2.970 min Scan# 114  
Delta R.T. -0.016 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

Tgt Ion: 39 Resp: 9191  
Ion Ratio Lower Upper  
39 100  
54 7.1 68.9 103.3#





#17

tert-Butyl alcohol

Concen: 0.096 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.019 min

Lab File: VL040444.D

Acq: 16 May 2023 19:06

Instrument :

MSVOA\_L

ClientSampleId :

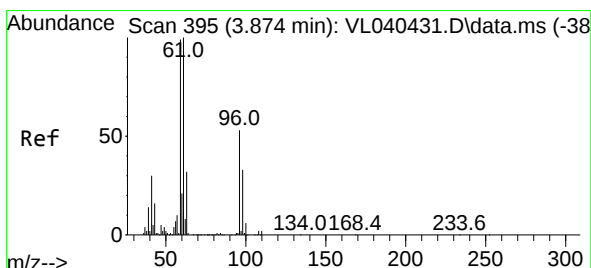
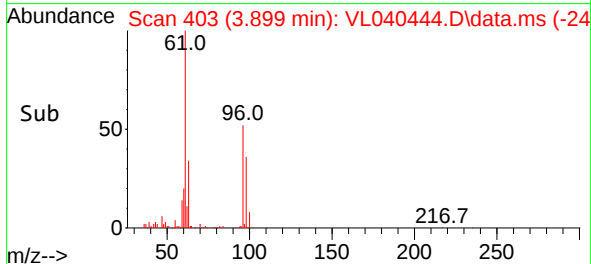
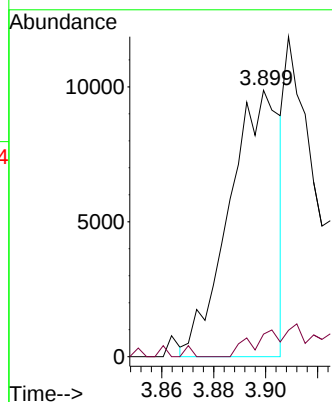
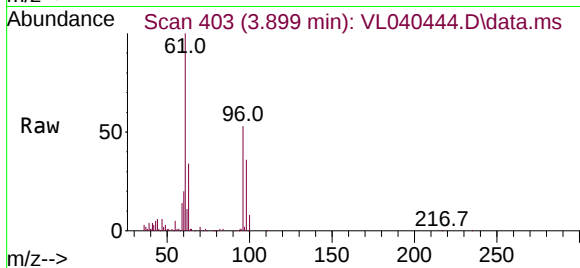
SG-3

Tgt Ion: 59 Resp: 13303

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#18

1,1-Dichloroethene

Concen: 1.319 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.003 min

Lab File: VL040444.D

Acq: 16 May 2023 19:06

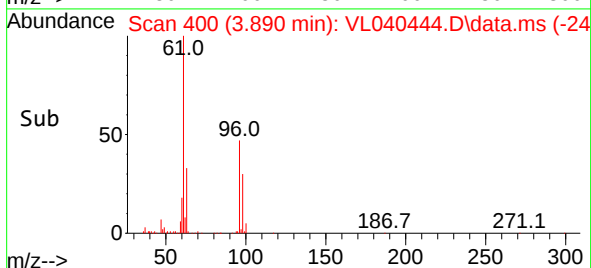
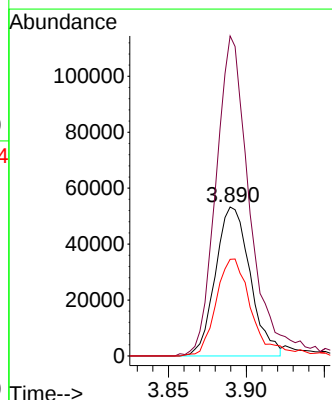
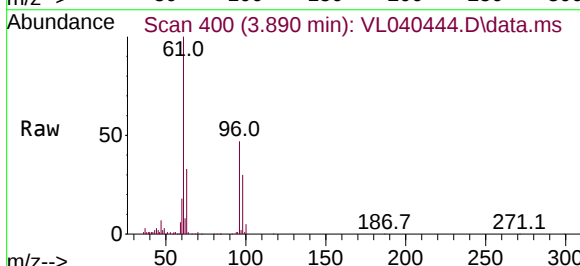
Tgt Ion: 96 Resp: 82598

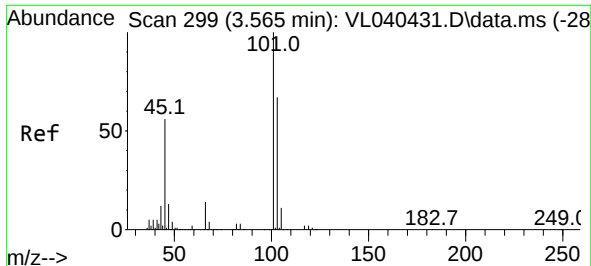
Ion Ratio Lower Upper

96 100

61 213.4 151.8 227.8

98 64.9 50.5 75.7





#19

Isopropyl Alcohol

Concen: 0.653 ppbv

RT: 3.597 min Scan# 309

Delta R.T. 0.019 min

Lab File: VL040444.D

Acq: 16 May 2023 19:06

Instrument :

MSVOA\_1

ClientSampleId :

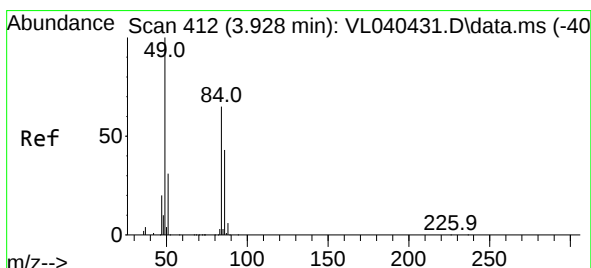
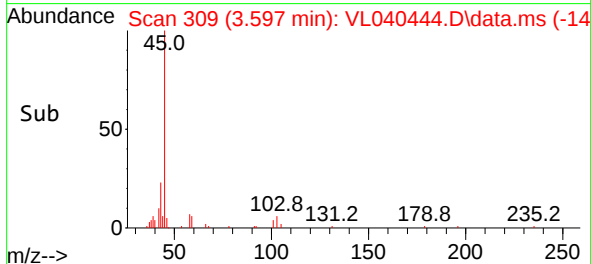
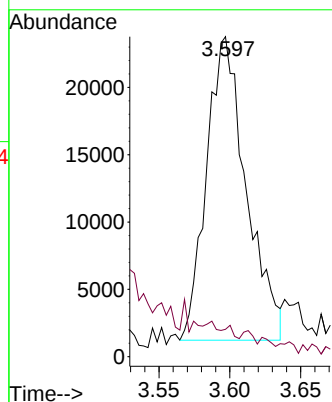
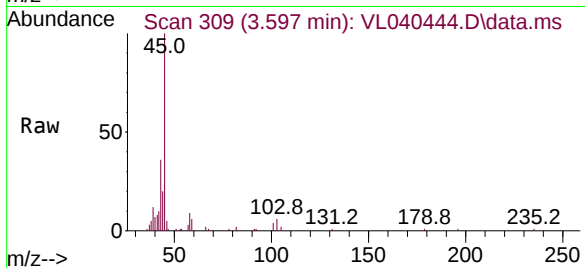
SG-3

Tgt Ion: 45 Resp: 43934

Ion Ratio Lower Upper

45 100

58 598.6 2.1 3.1#



#20

Methylene Chloride

Concen: 88.990 ppbv

RT: 3.944 min Scan# 417

Delta R.T. 0.006 min

Lab File: VL040444.D

Acq: 16 May 2023 19:06

Tgt Ion: 84 Resp: 5479153

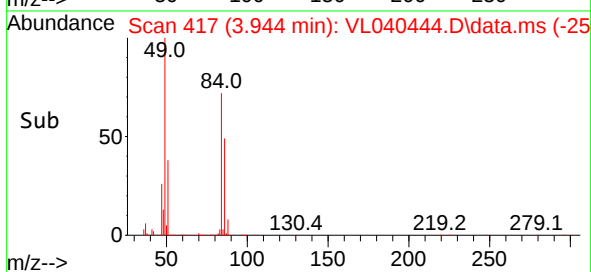
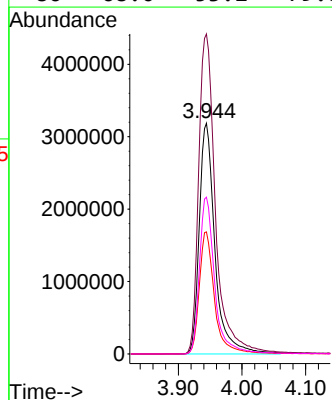
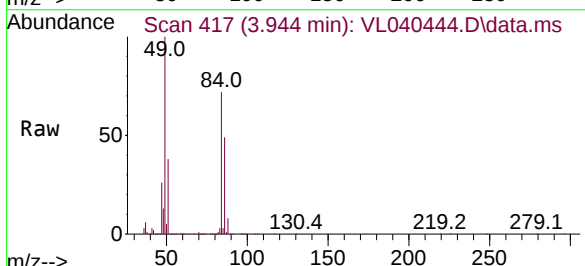
Ion Ratio Lower Upper

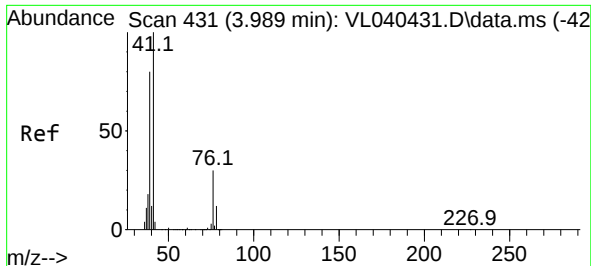
84 100

49 138.7 123.7 185.5

51 52.9 38.6 57.8

86 68.0 53.2 79.8





#21

Allyl Chloride

Concen: 0.045 ppbv

RT: 3.996 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL040444.D

Acq: 16 May 2023 19:06

Instrument :

MSVOA\_L

ClientSampleId :

SG-3

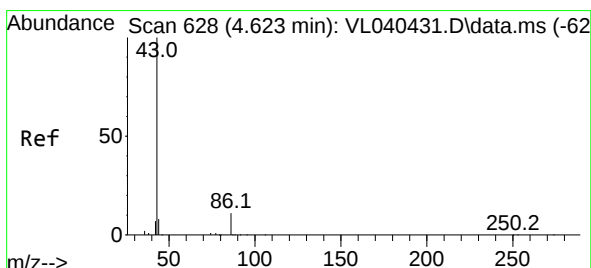
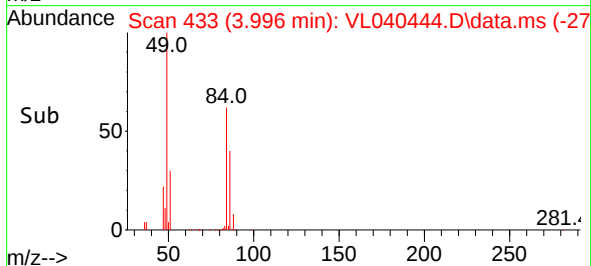
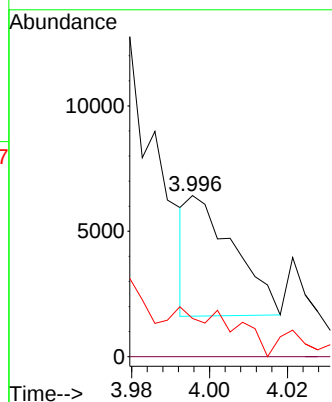
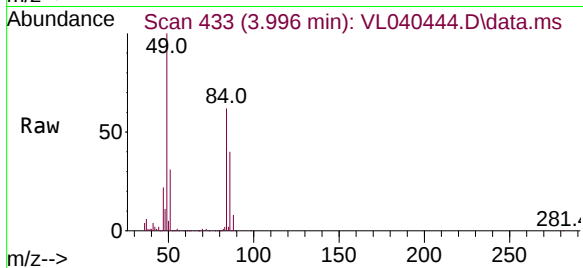
Tgt Ion: 41 Resp: 3952

Ion Ratio Lower Upper

41 100

76 63.1 25.3 37.9#

39 403.2 63.5 95.3#



#23

Vinyl Acetate

Concen: 0.556 ppbv

RT: 4.623 min Scan# 628

Delta R.T. -0.013 min

Lab File: VL040444.D

Acq: 16 May 2023 19:06

Tgt Ion: 43 Resp: 21236

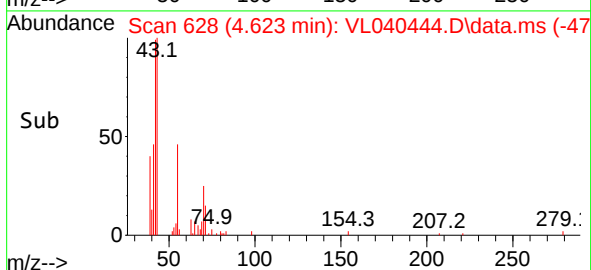
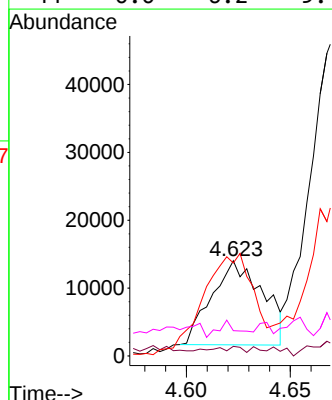
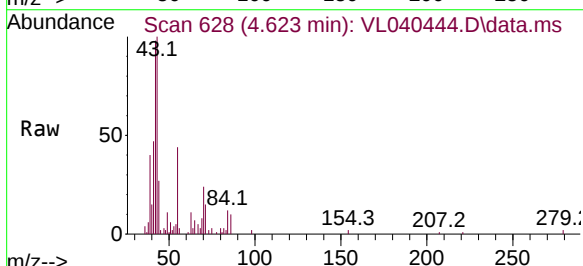
Ion Ratio Lower Upper

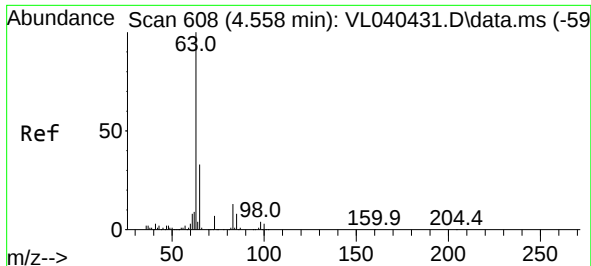
43 100

86 6.0 5.4 8.2

42 87.6 7.8 11.6#

44 0.0 6.2 9.4#

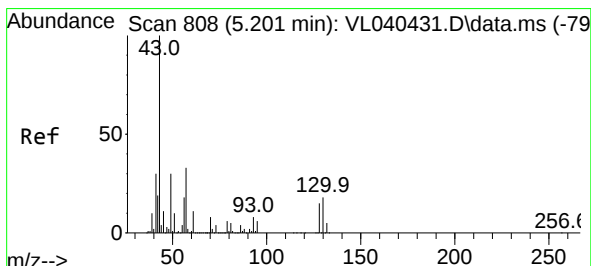
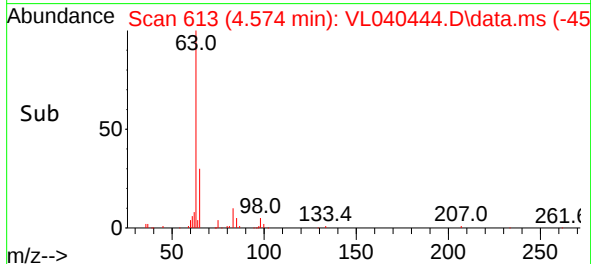
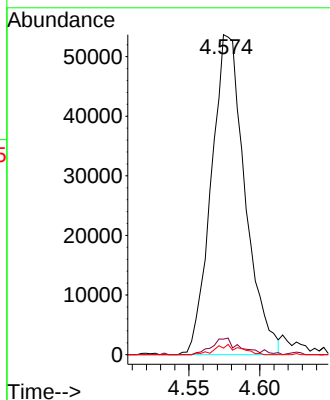
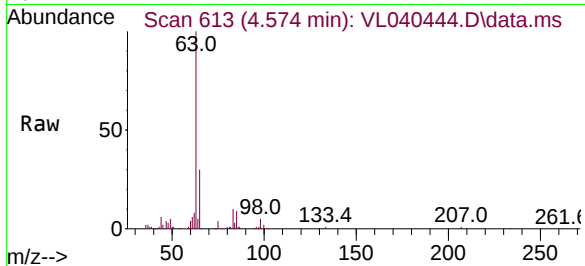




#24  
1,1-Dichloroethane  
Concen: 0.679 ppbv  
RT: 4.574 min Scan# 613  
Delta R.T. 0.003 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

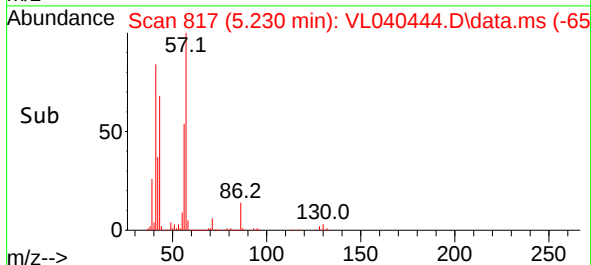
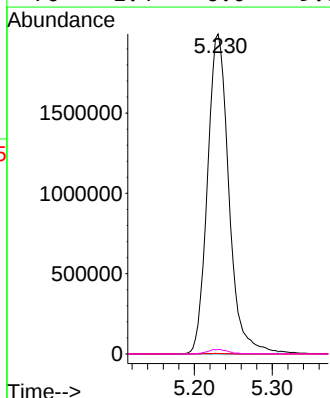
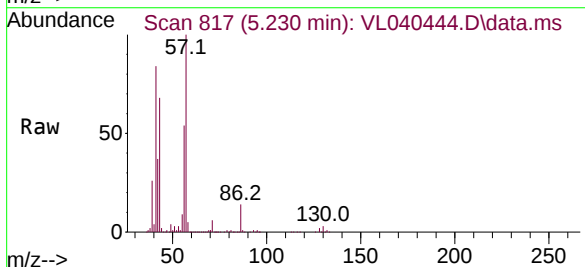
Instrument :  
MSVOA\_L  
ClientSampleId :  
SG-3

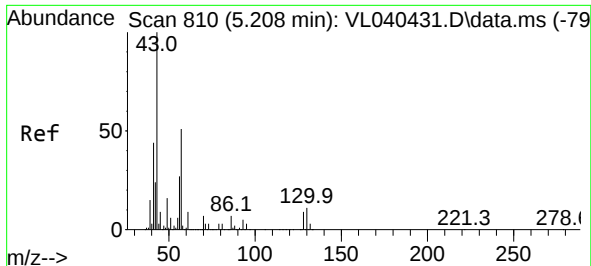
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 88774 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 98       | 4.9   | 2.0   | 5.8   |
| 100      | 2.1   | 1.4   | 4.2   |



#25  
Ethyl Acetate  
Concen: 14.641 ppbv  
RT: 5.230 min Scan# 817  
Delta R.T. 0.016 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 43    | Resp: | 3811107 |
| Ion      | Ratio | Lower | Upper   |
| 43       | 100   |       |         |
| 45       | 0.1   | 8.6   | 13.0#   |
| 61       | 0.1   | 8.6   | 12.8#   |
| 70       | 1.4   | 6.0   | 9.0#    |



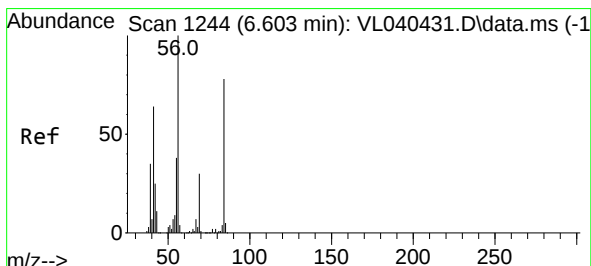
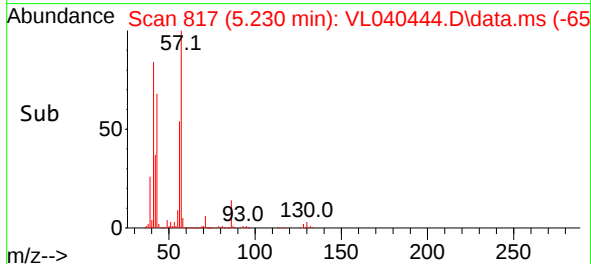
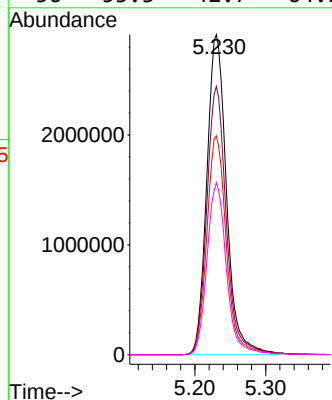
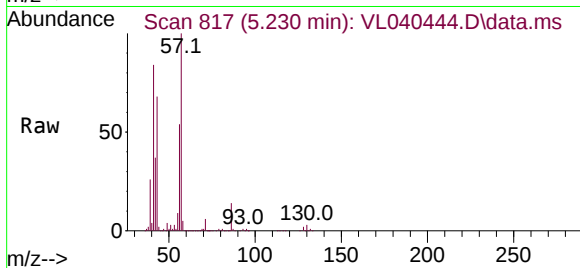


#26  
Hexane  
Concen: 52.172 ppbv  
RT: 5.230 min Scan# 810  
Delta R.T. 0.006 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

Instrument :  
MSVOA\_L  
ClientSampleId :  
SG-3

Tgt Ion: 57 Resp: 5629532

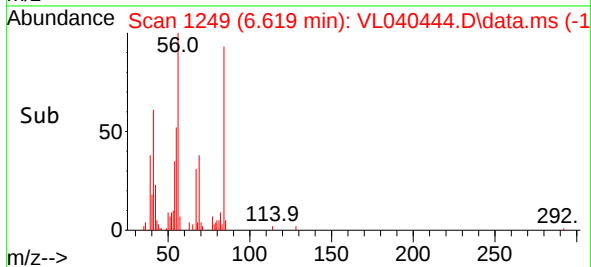
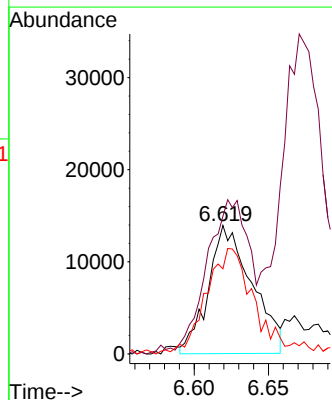
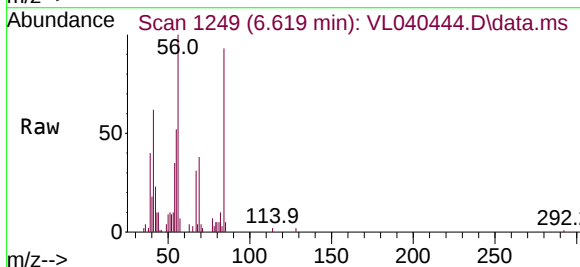
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 57  | 100   |       |        |
| 41  | 83.7  | 75.1  | 112.7  |
| 43  | 68.2  | 194.4 | 291.6# |
| 56  | 53.3  | 42.7  | 64.1   |

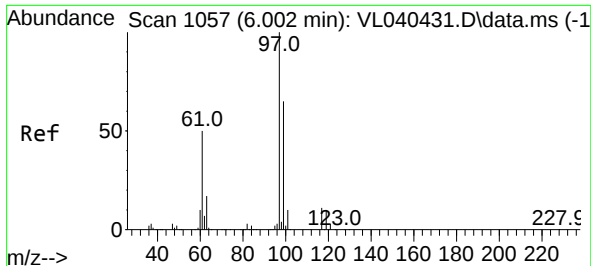


#30  
Cyclohexane  
Concen: 0.325 ppbv  
RT: 6.619 min Scan# 1249  
Delta R.T. 0.003 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

Tgt Ion: 84 Resp: 28503

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 56  | 118.1 | 108.2 | 162.4 |
| 41  | 95.1  | 66.9  | 100.3 |

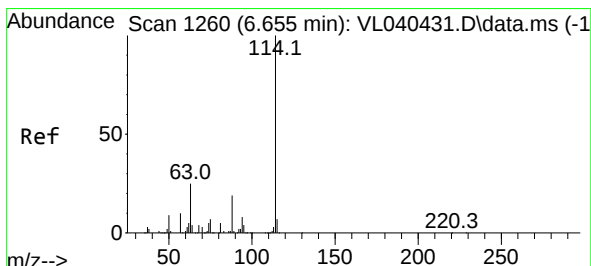
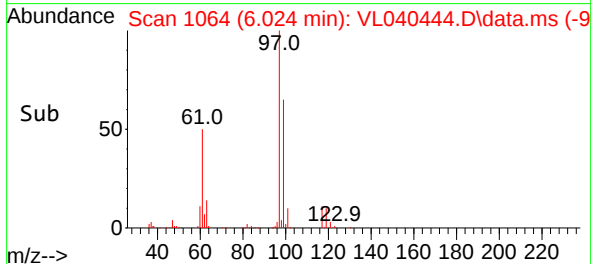
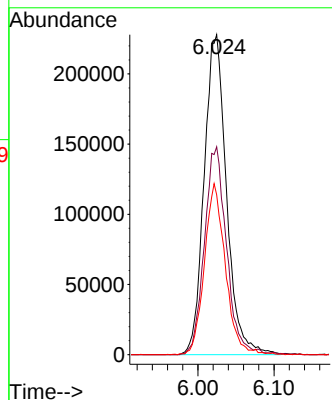
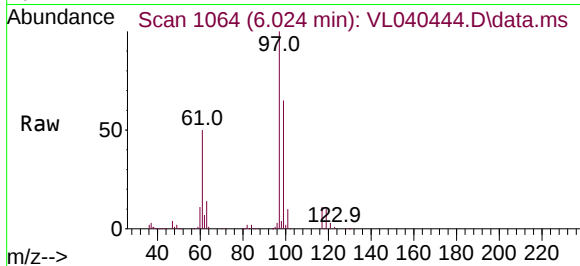




#32  
 1,1,1-Trichloroethane  
 Concen: 2.283 ppbv  
 RT: 6.024 min Scan# 1057  
 Delta R.T. 0.010 min  
 Lab File: VL040444.D  
 Acq: 16 May 2023 19:06

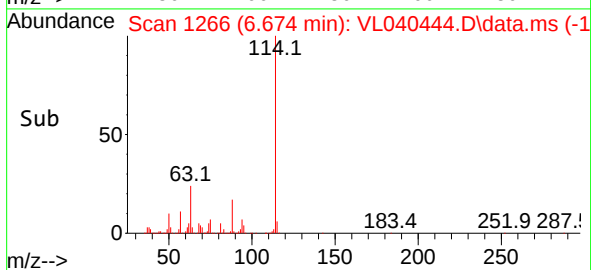
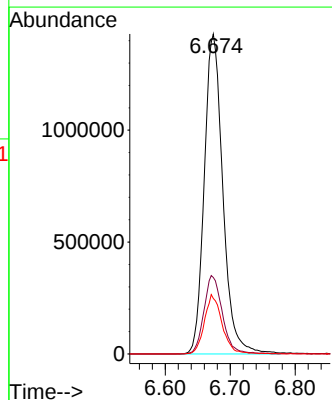
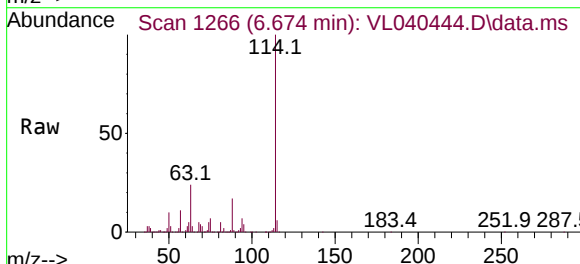
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SG-3

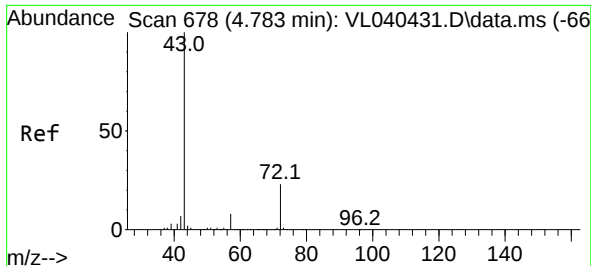
Tgt Ion: 97 Resp: 466728  
 Ion Ratio Lower Upper  
 97 100  
 99 64.4 52.2 78.2  
 61 50.2 40.2 60.4



#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 6.674 min Scan# 1266  
 Delta R.T. 0.003 min  
 Lab File: VL040444.D  
 Acq: 16 May 2023 19:06

Tgt Ion: 114 Resp: 2853018  
 Ion Ratio Lower Upper  
 114 100  
 63 24.5 21.0 31.6  
 88 17.7 14.6 22.0

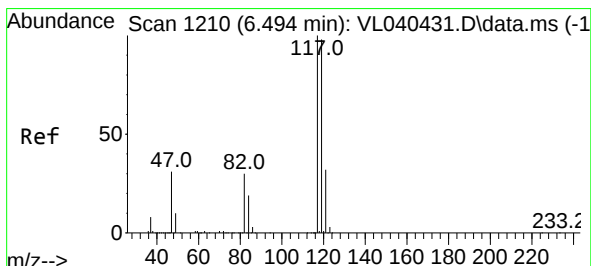
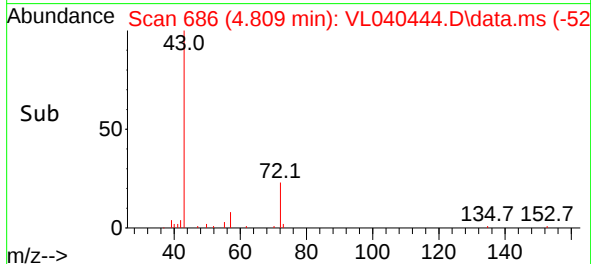
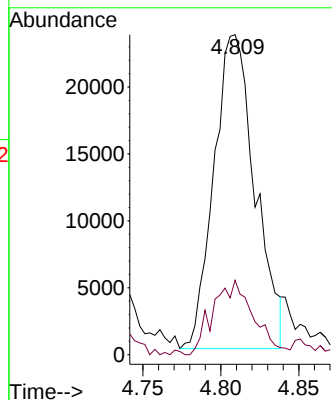
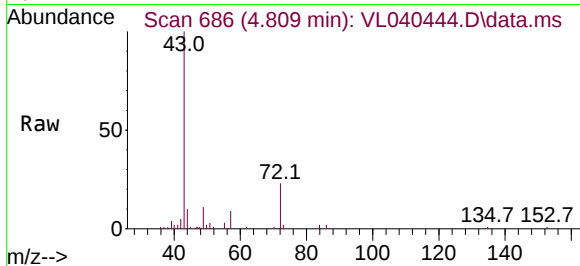




#34  
2-Butanone  
Concen: 0.284 ppbv  
RT: 4.809 min Scan# 61  
Delta R.T. 0.013 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

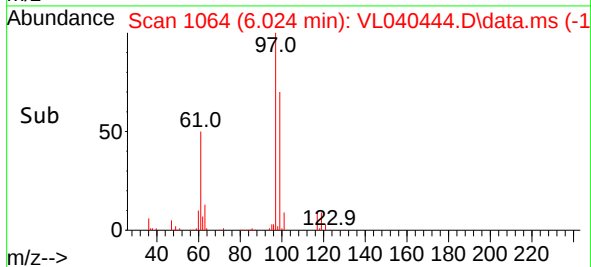
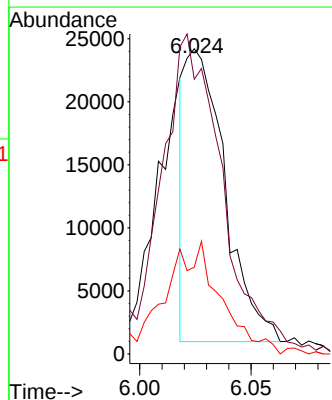
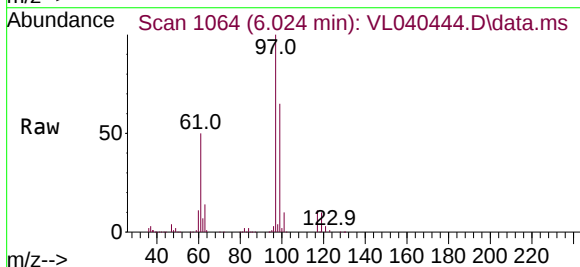
Instrument :  
MSVOA\_L  
ClientSampleId :  
SG-3

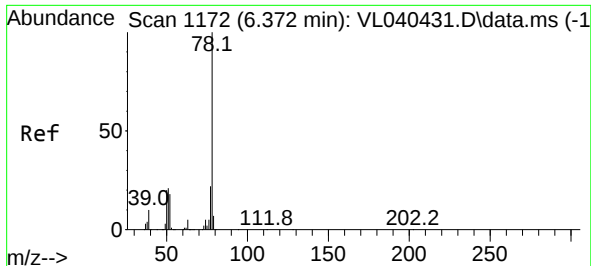
Tgt Ion: 43 Resp: 43190  
Ion Ratio Lower Upper  
43 100  
72 26.6 18.3 27.5



#35  
Carbon Tetrachloride  
Concen: 0.140 ppbv  
RT: 6.024 min Scan# 1064  
Delta R.T. -0.486 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

Tgt Ion: 117 Resp: 28726  
Ion Ratio Lower Upper  
117 100  
119 85.9 78.0 117.0  
121 29.6 25.2 37.8

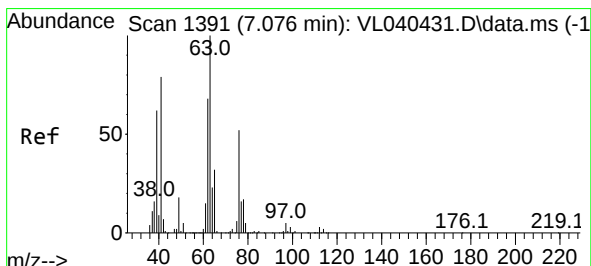
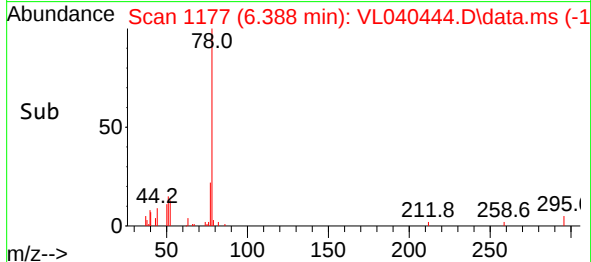
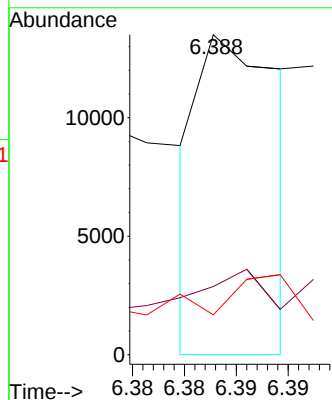
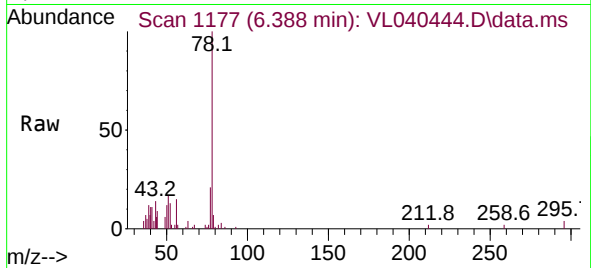




#36  
Benzene  
Concen: 0.031 ppbv  
RT: 6.388 min Scan# 1172  
Delta R.T. 0.003 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

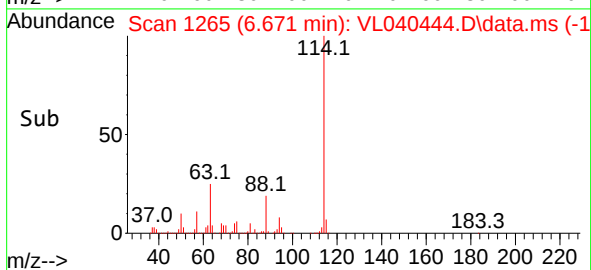
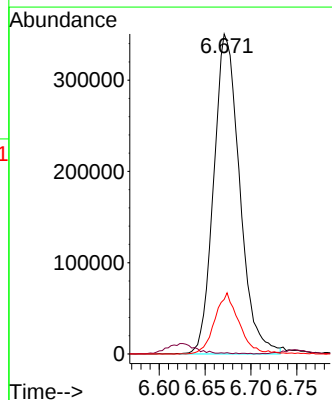
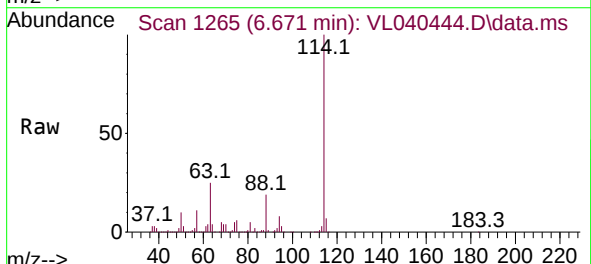
Instrument :  
MSVOA\_1  
ClientSampleId :  
SG-3

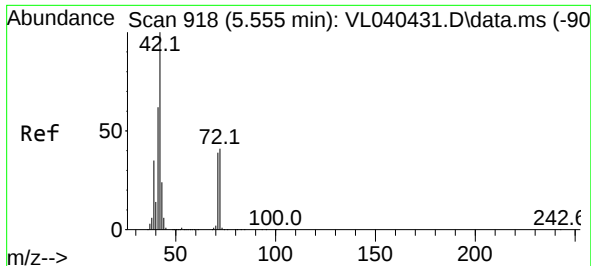
Tgt Ion: 78 Resp: 7283  
Ion Ratio Lower Upper  
78 100  
77 20.6 17.7 26.5  
50 0.0 15.8 23.8#



#39  
1,2-Dichloropropane  
Concen: 7.598 ppbv  
RT: 6.671 min Scan# 1265  
Delta R.T. -0.418 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

Tgt Ion: 63 Resp: 689650  
Ion Ratio Lower Upper  
63 100  
41 0.0 63.3 94.9#  
62 17.0 54.2 81.4#





#41

Tetrahydrofuran

Concen: 0.313 ppbv

RT: 5.835 min Scan# 1005

Delta R.T. 0.267 min

Lab File: VL040444.D

Acq: 16 May 2023 19:06

Instrument :

MSVOA\_L

ClientSampleId :

SG-3

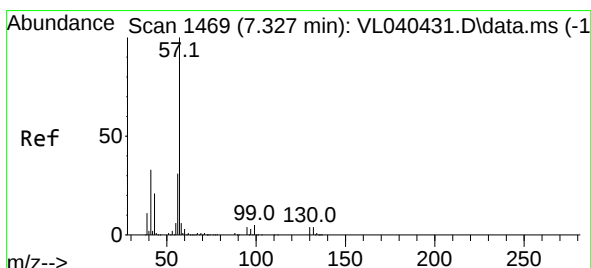
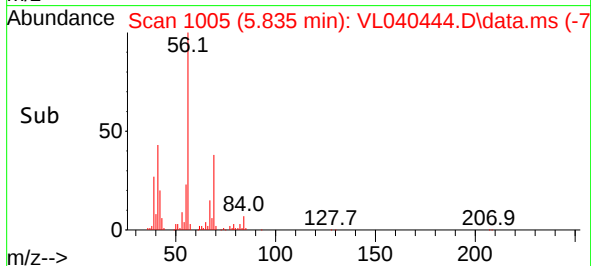
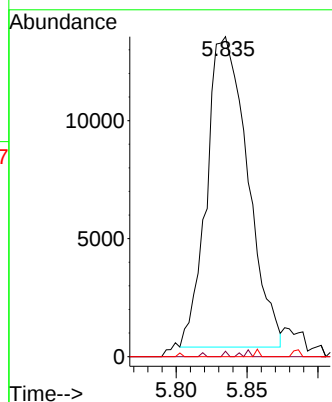
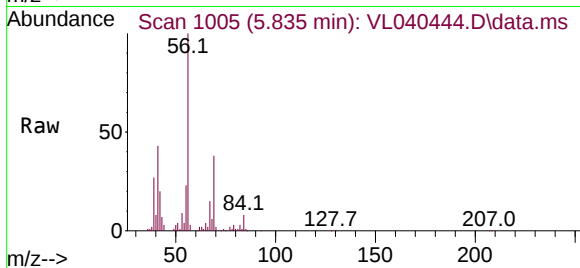
Tgt Ion: 42 Resp: 26389

Ion Ratio Lower Upper

42 100

72 0.0 33.0 49.4#

71 0.0 32.2 48.2#



#44

2,2,4-Trimethylpentane

Concen: 0.048 ppbv

RT: 7.346 min Scan# 1475

Delta R.T. 0.003 min

Lab File: VL040444.D

Acq: 16 May 2023 19:06

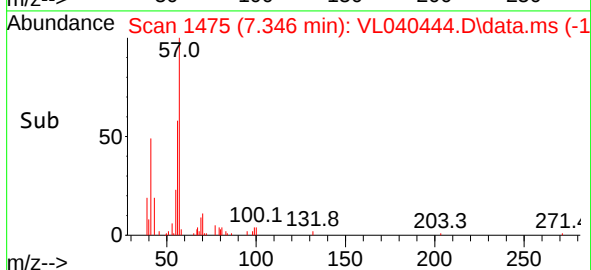
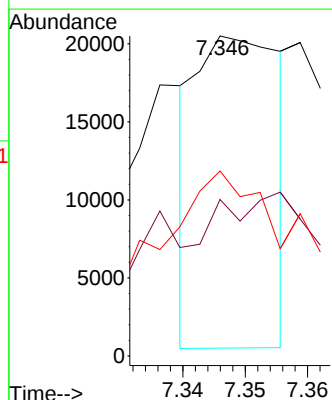
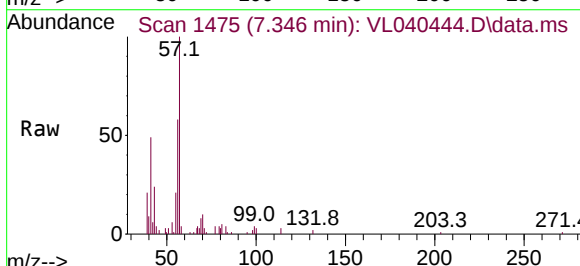
Tgt Ion: 57 Resp: 18476

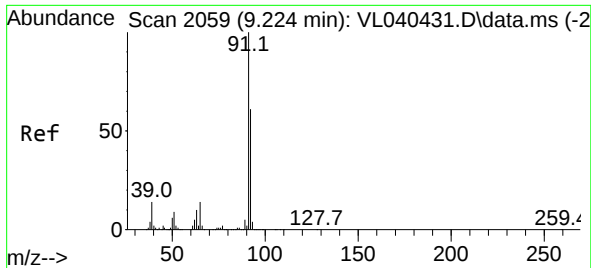
Ion Ratio Lower Upper

57 100

41 0.0 27.0 40.4#

56 144.8 25.0 37.4#

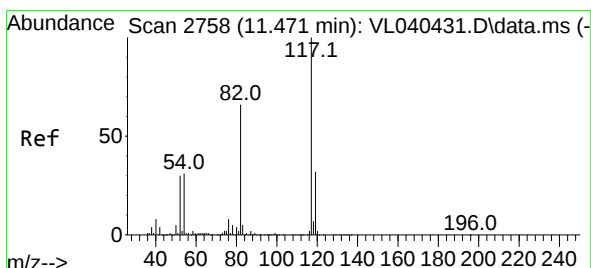
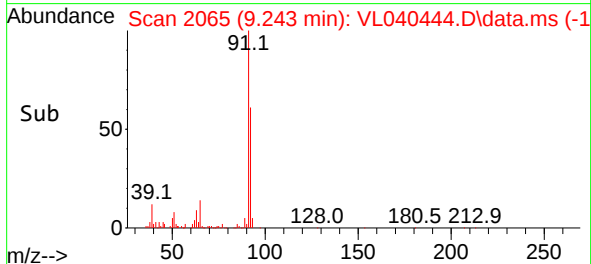
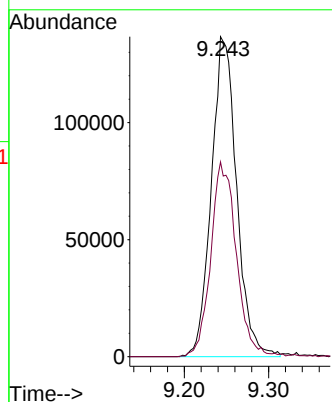
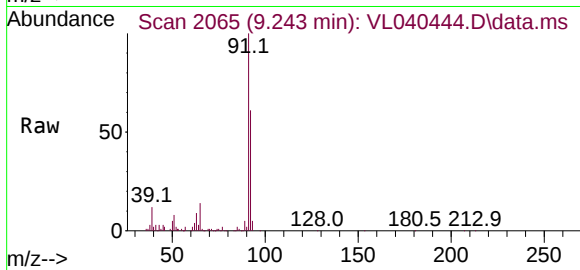




#53  
Toluene  
Concen: 1.161 ppbv  
RT: 9.243 min Scan# 2059  
Delta R.T. 0.000 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

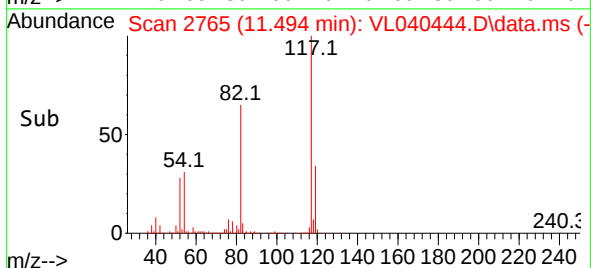
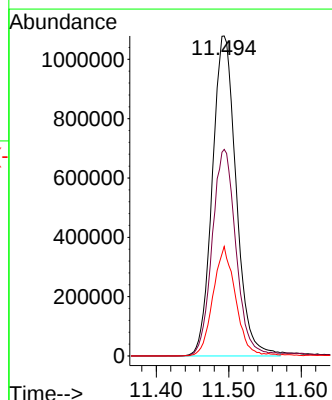
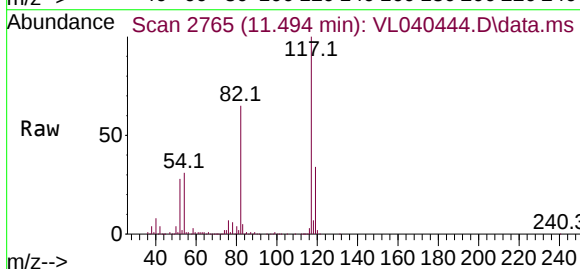
Instrument :  
MSVOA\_L  
ClientSampleId :  
SG-3

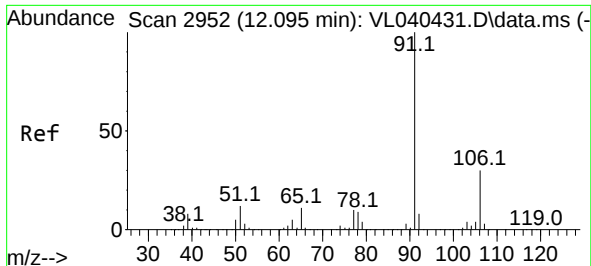
Tgt Ion: 91 Resp: 284148  
Ion Ratio Lower Upper  
91 100  
92 61.9 49.1 73.7



#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 11.494 min Scan# 2765  
Delta R.T. 0.003 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

Tgt Ion: 117 Resp: 2467254  
Ion Ratio Lower Upper  
117 100  
82 66.1 52.5 78.7  
119 32.6 24.0 36.0





#58

Ethyl Benzene

Concen: 0.088 ppbv

RT: 12.362 min Scan# 3035

Delta R.T. 0.251 min

Lab File: VL040444.D

Acq: 16 May 2023 19:06

Instrument :

MSVOA\_L

ClientSampleId :

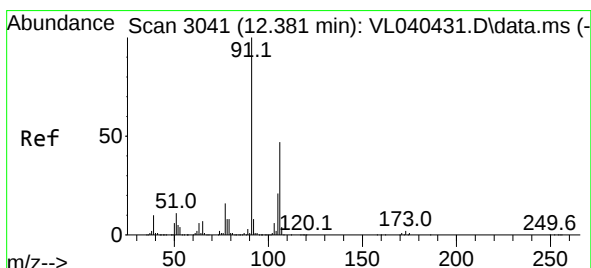
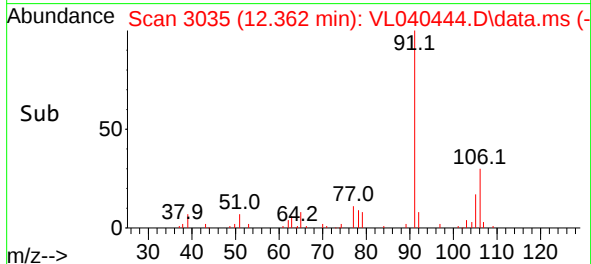
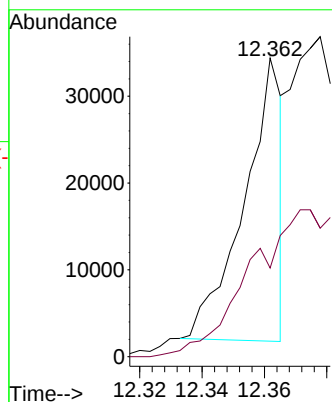
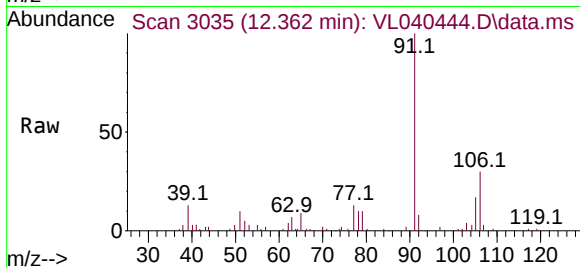
SG-3

Tgt Ion: 91 Resp: 27401

Ion Ratio Lower Upper

91 100

106 29.5 23.8 35.8



#59

m/p-Xylene

Concen: 0.109 ppbv

RT: 12.391 min Scan# 3044

Delta R.T. -0.006 min

Lab File: VL040444.D

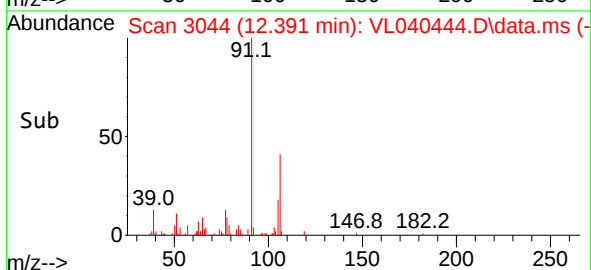
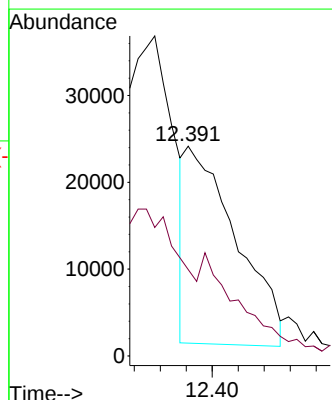
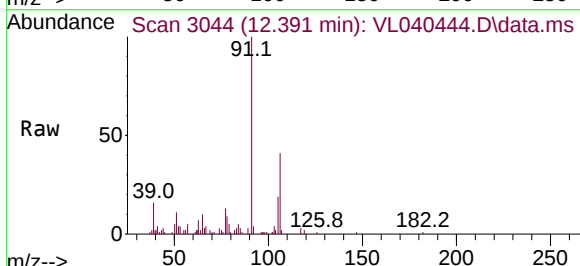
Acq: 16 May 2023 19:06

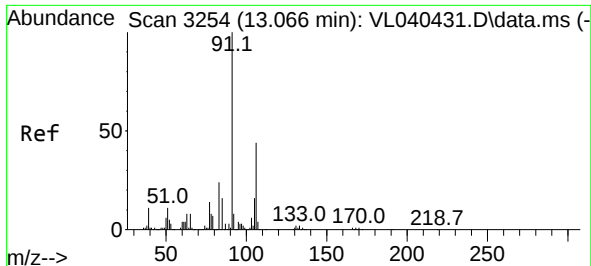
Tgt Ion: 91 Resp: 31001

Ion Ratio Lower Upper

91 100

106 0.0 34.9 52.3#

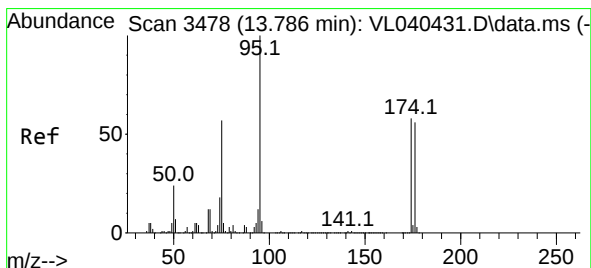
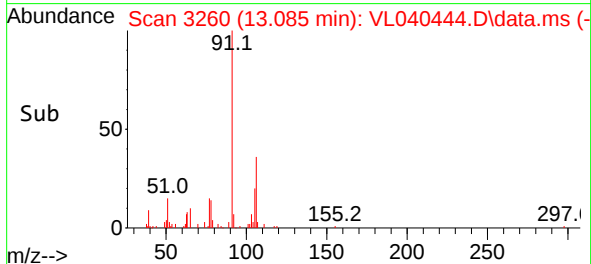
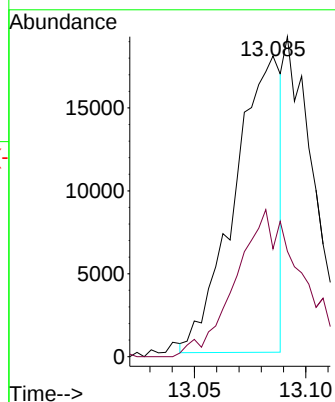
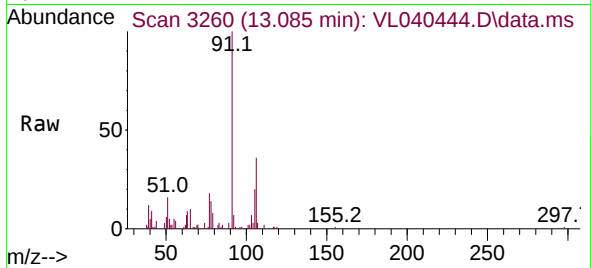




#60  
o-Xylene  
Concen: 0.096 ppbv  
RT: 13.085 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

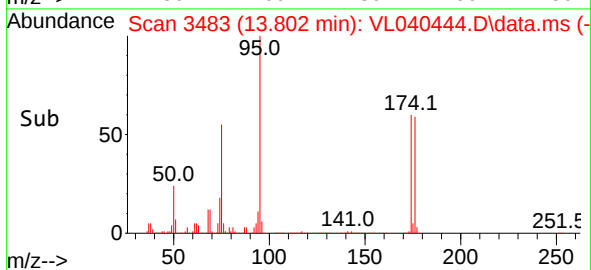
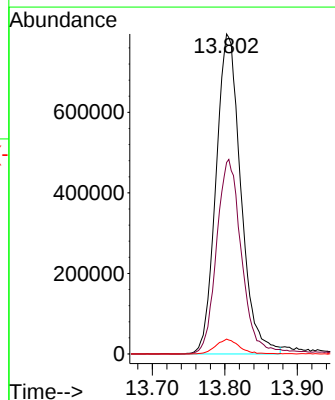
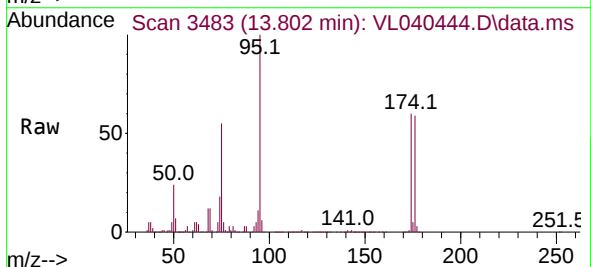
Instrument :  
MSVOA\_L  
ClientSampleId :  
SG-3

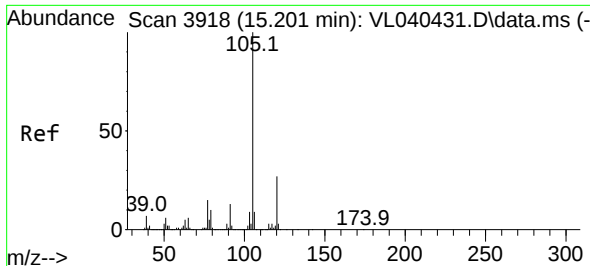
Tgt Ion: 91 Resp: 26003  
Ion Ratio Lower Upper  
91 100  
106 72.3 21.8 65.4#



#68  
1-Bromo-4-Fluorobenzene  
Concen: 9.538 ppbv  
RT: 13.802 min Scan# 3483  
Delta R.T. 0.003 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

Tgt Ion: 95 Resp: 1892222  
Ion Ratio Lower Upper  
95 100  
174 62.6 47.0 70.6  
175 4.5 3.4 5.0

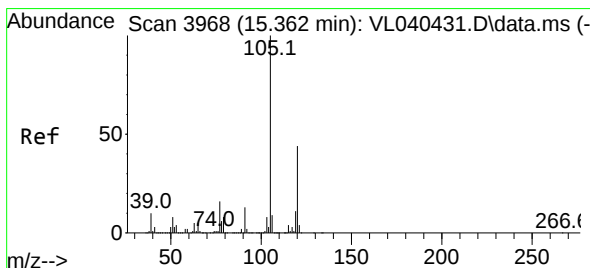
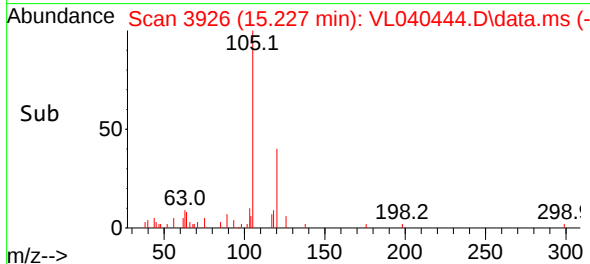
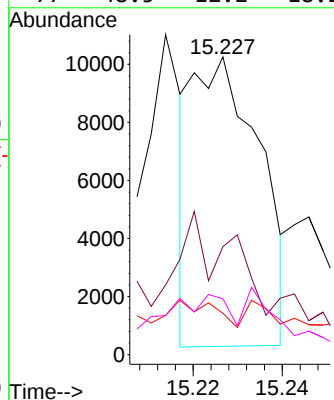
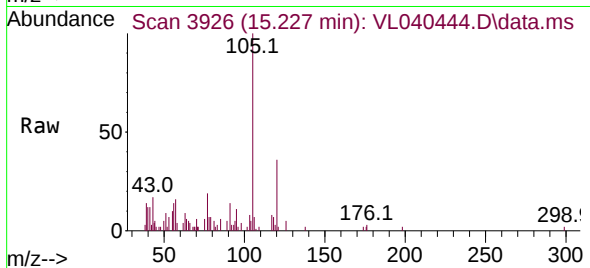




#72  
4-Ethyltoluene  
Concen: 0.034 ppbv  
RT: 15.227 min Scan# 3918  
Delta R.T. 0.006 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

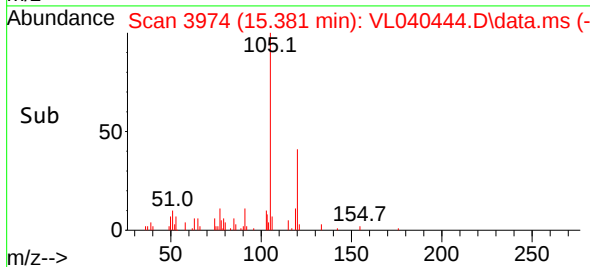
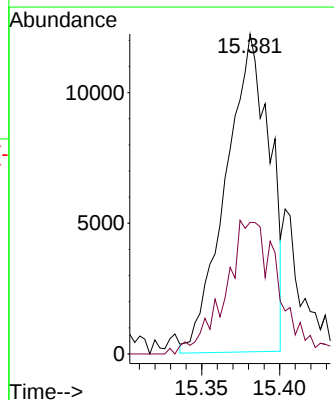
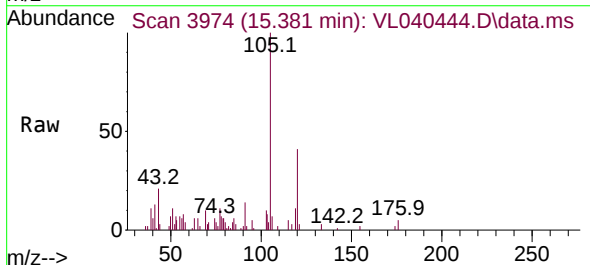
Instrument :  
MSVOA\_L  
ClientSampleId :  
SG-3

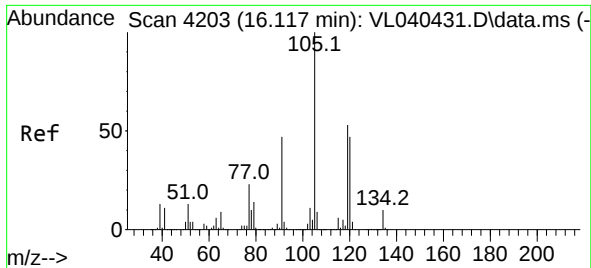
Tgt Ion:105 Resp: 10464  
Ion Ratio Lower Upper  
105 100  
120 87.0 23.8 35.8#  
91 52.4 11.0 16.4#  
77 48.5 12.2 18.2#



#73  
1,3,5-Trimethylbenzene  
Concen: 0.084 ppbv  
RT: 15.381 min Scan# 3974  
Delta R.T. 0.006 min  
Lab File: VL040444.D  
Acq: 16 May 2023 19:06

Tgt Ion:105 Resp: 23786  
Ion Ratio Lower Upper  
105 100  
120 39.9 35.2 52.8





#74

1,2,4-Trimethylbenzene

Concen: 0.130 ppbv

RT: 16.137 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040444.D

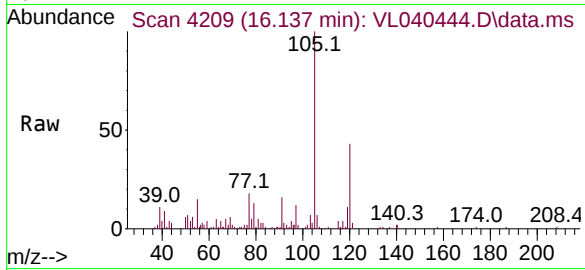
Acq: 16 May 2023 19:06

Instrument :

MSVOA\_L

ClientSampleId :

SG-3



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 42284 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 42.7  | 38.1  | 57.1  |
| 91       | 15.0  | 40.2  | 60.2# |
| 77       | 16.9  | 19.0  | 28.4# |

