

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL121222\  
 Data File : VL039979.D  
 Acq On : 12 Dec 2022 17:08  
 Operator : SY/MD  
 Sample : N5969-06  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA-1

Quant Time: Dec 13 06:11:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL111822AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Fri Dec 02 23:21:36 2022  
 Response via : Initial Calibration

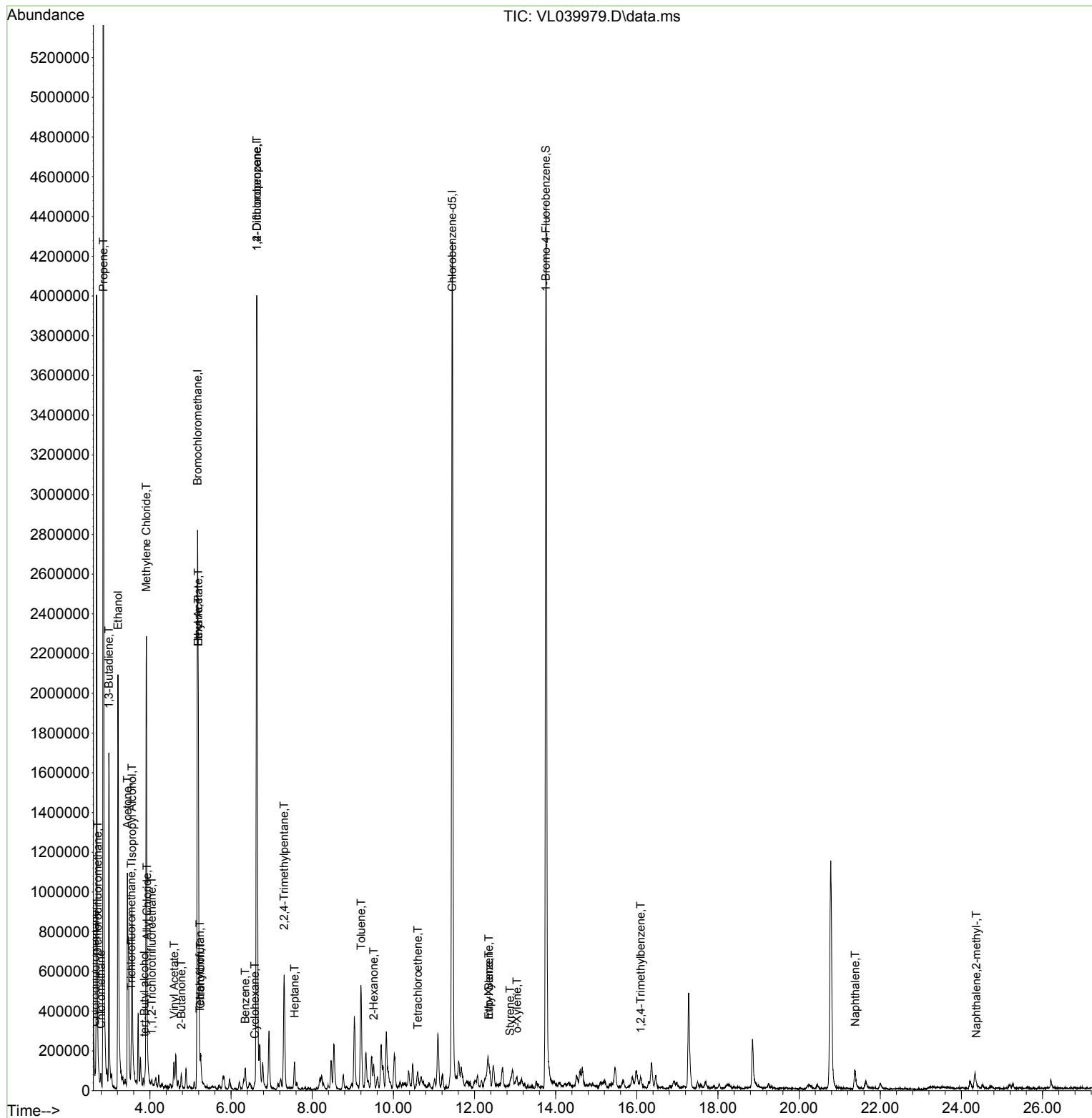
| Compound                      |  | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|--|--------|-------|----------|----------|------------|----------|
| -----                         |  |        |       |          |          |            |          |
| Internal Standards            |  |        |       |          |          |            |          |
| 1) Bromochloromethane         |  | 5.173  | 49    | 1152013  | 10.000   | ppbv       | 0.02     |
| 33) 1,4-Difluorobenzene       |  | 6.635  | 114   | 2960369  | 10.000   | ppbv       | 0.02     |
| 55) Chlorobenzene-d5          |  | 11.452 | 117   | 2761062  | 10.000   | ppbv       | 0.02     |
| System Monitoring Compounds   |  |        |       |          |          |            |          |
| 68) 1-Bromo-4-Fluorobenzene   |  | 13.761 | 95    | 2251495  | 10.676   | ppbv       | 0.02     |
| Spiked Amount                 |  | 10.000 | Range | 65 - 135 | Recovery | = 106.800% |          |
| Target Compounds              |  |        |       |          |          |            |          |
|                               |  |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane    |  | 2.710  | 85    | 72095    | 0.437    | ppbv       | 97       |
| 3) Chlorodifluoromethane      |  | 2.652  | 51    | 54571    | 0.343    | ppbv       | 97       |
| 4) Chloromethane              |  | 2.790  | 50    | 46004    | 0.453    | ppbv       | 97       |
| 9) Propene                    |  | 2.851  | 41    | 2294839  | 30.646   | ppbv       | 96       |
| 10) Heptane                   |  | 7.565  | 43    | 50830    | 0.281    | ppbv       | 95       |
| 11) Trichlorofluoromethane    |  | 3.539  | 101   | 92902    | 0.462    | ppbv       | 96       |
| 12) 1,1,2-Trichlorotrifluo... |  | 4.044  | 101   | 6113     | 0.040    | ppbv #     | 40       |
| 13) Ethanol                   |  | 3.211  | 45    | 2186864  | 382.514  | ppbv       | 100      |
| 15) Acetone                   |  | 3.446  | 43    | 1172484  | 7.673    | ppbv       | 97       |
| 16) 1,3-Butadiene             |  | 2.989  | 39    | 176840   | 2.322    | ppbv #     | 10       |
| 17) tert-Butyl alcohol        |  | 3.867  | 59    | 4056     | 0.023    | ppbv #     | 72       |
| 19) Isopropyl Alcohol         |  | 3.555  | 45    | 900160   | 10.880   | ppbv #     | 32       |
| 20) Methylene Chloride        |  | 3.912  | 84    | 768773   | 10.385   | ppbv       | 96       |
| 21) Allyl Chloride            |  | 3.931  | 41    | 5716     | 0.054    | ppbv #     | 39       |
| 23) Vinyl Acetate             |  | 4.597  | 43    | 97074    | 1.546    | ppbv #     | 76       |
| 25) Ethyl Acetate             |  | 5.192  | 43    | 468007   | 1.668    | ppbv #     | 85       |
| 26) Hexane                    |  | 5.192  | 57    | 504128   | 4.113    | ppbv #     | 48       |
| 29) Chloroform                |  | 5.250  | 83    | 67924    | 0.417    | ppbv       | 89       |
| 30) Cyclohexane               |  | 6.584  | 84    | 7260     | 0.060    | ppbv #     | 13       |
| 34) 2-Butanone                |  | 4.774  | 43    | 71229    | 0.503    | ppbv #     | 90       |
| 36) Benzene                   |  | 6.349  | 78    | 74265    | 0.295    | ppbv #     | 95       |
| 39) 1,2-Dichloropropane       |  | 6.635  | 63    | 734668   | 7.494    | ppbv #     | 28       |
| 41) Tetrahydrofuran           |  | 5.230  | 42    | 3582     | 0.037    | ppbv #     | 50       |
| 44) 2,2,4-Trimethylpentane    |  | 7.307  | 57    | 521327   | 1.241    | ppbv       | 94       |
| 51) 2-Hexanone                |  | 9.516  | 43    | 45558    | 0.231    | ppbv #     | 27       |
| 52) Tetrachloroethene         |  | 10.606 | 164   | 3130     | 0.033    | ppbv #     | 65       |
| 53) Toluene                   |  | 9.208  | 91    | 104587   | 0.365    | ppbv #     | 38       |
| 58) Ethyl Benzene             |  | 12.355 | 91    | 12570    | 0.034    | ppbv       | 94       |
| 59) m/p-Xylene                |  | 12.355 | 91    | 12570    | 0.040    | ppbv #     | 30       |
| 60) o-Xylene                  |  | 13.050 | 91    | 15404    | 0.052    | ppbv #     | 6        |
| 61) Styrene                   |  | 12.880 | 104   | 3724     | 0.021    | ppbv #     | 1        |
| 74) 1,2,4-Trimethylbenzene    |  | 16.098 | 105   | 9219     | 0.028    | ppbv #     | 61       |
| 79) Naphthalene               |  | 21.384 | 128   | 11726    | 0.060    | ppbv #     | 82       |
| 80) Naphthalene,2-methyl-     |  | 24.371 | 142   | 8835     | 0.161    | ppbv #     | 87       |
| -----                         |  |        |       |          |          |            |          |

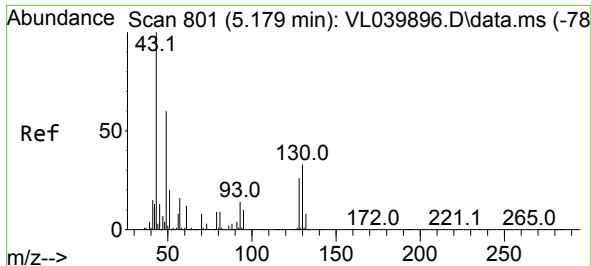
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\  
Data File : VL039979.D  
Acq On    : 12 Dec 2022  17:08  
Operator  : SY/MD  
Sample    : N5969-06  
Misc      : 400mL/MSVOA_L  
ALS Vial  : 1      Sample Multiplier: 1
```

**Instrument :**  
MSVOA\_L  
**ClientSampleId :**  
IA-1

Quant Time: Dec 13 06:11:54 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL111822AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LFri Aug 26 06:05:16 2022  
QLast Update : Fri Dec 02 23:21:36 2022  
Response via : Initial Calibration

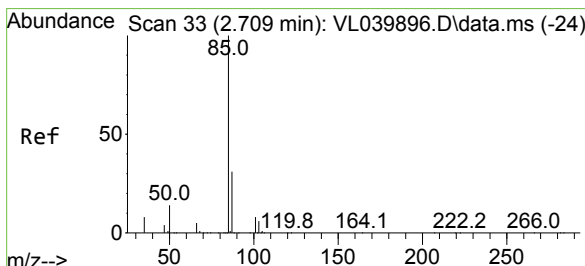
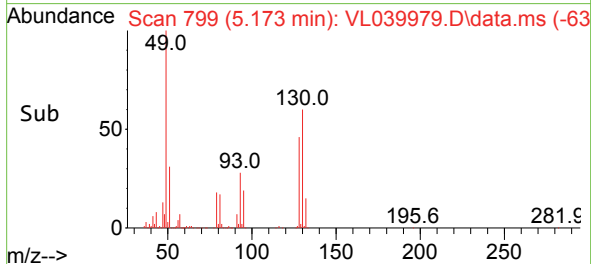
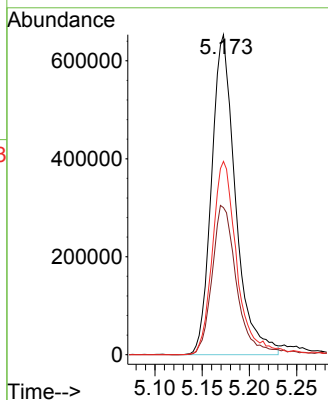
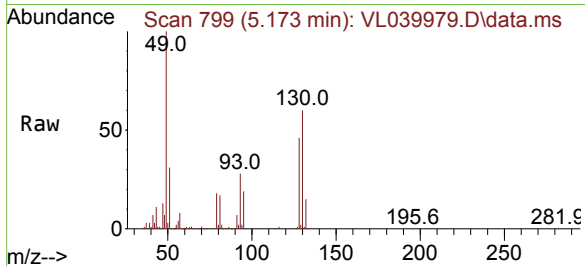




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.173 min Scan# 799  
Delta R.T. 0.017 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

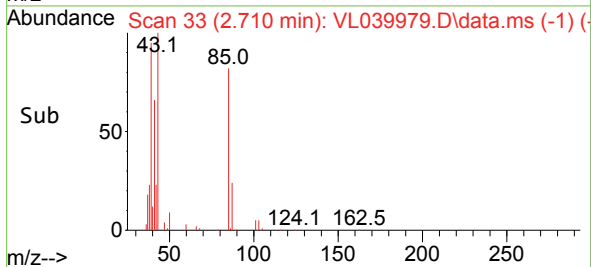
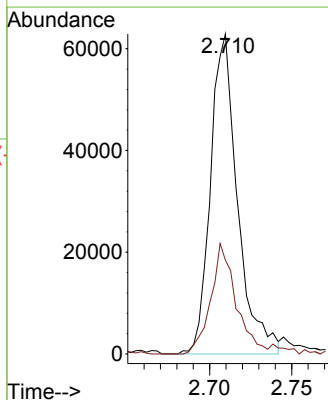
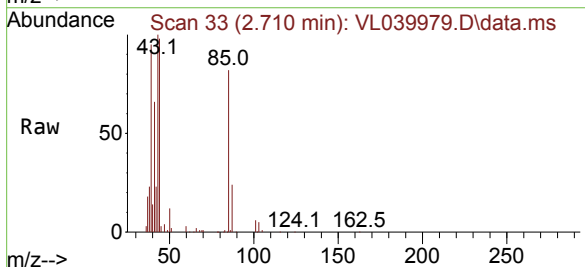
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MSVOA\_L  
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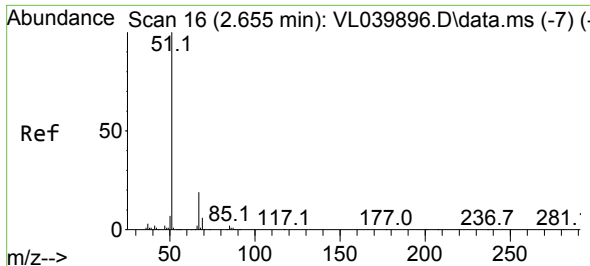
Tgt Ion: 49 Resp: 1152013  
Ion Ratio Lower Upper  
49 100  
128 49.4 22.1 66.3  
130 62.8 27.7 83.1



#2  
Dichlorodifluoromethane  
Concen: 0.437 ppbv  
RT: 2.710 min Scan# 33  
Delta R.T. 0.013 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

Tgt Ion: 85 Resp: 72095  
Ion Ratio Lower Upper  
85 100  
87 29.3 25.0 37.4

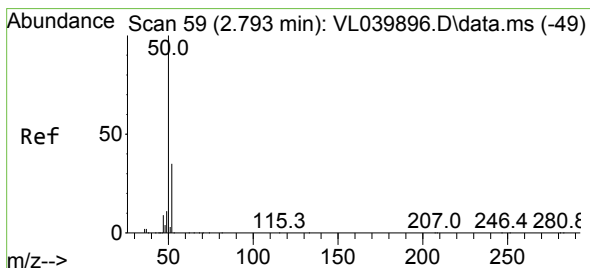
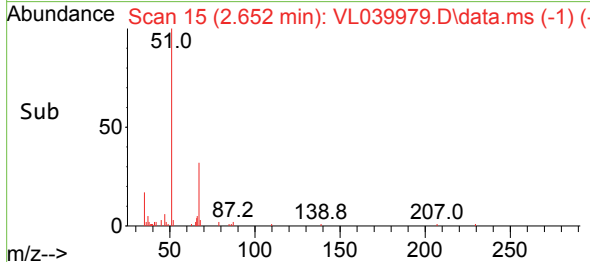
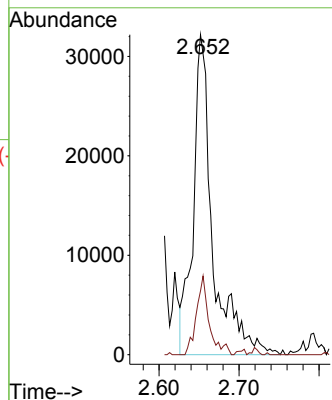
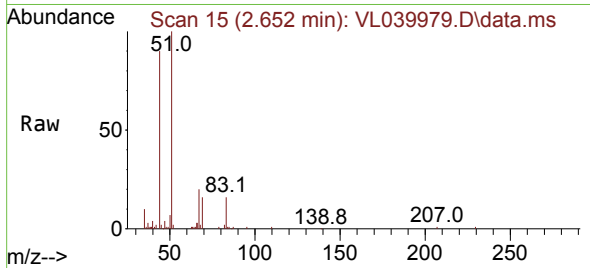




#3  
Chlorodifluoromethane  
Concen: 0.343 ppbv  
RT: 2.652 min Scan# 11  
Delta R.T. 0.010 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

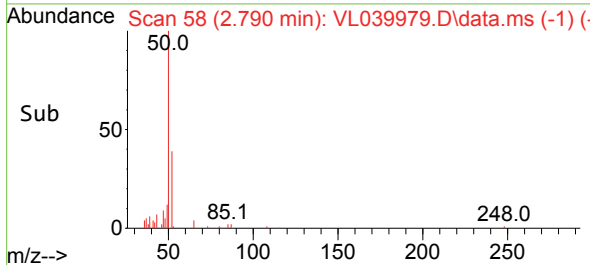
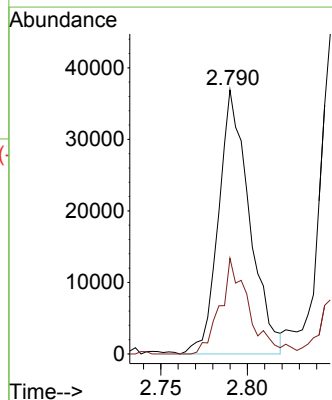
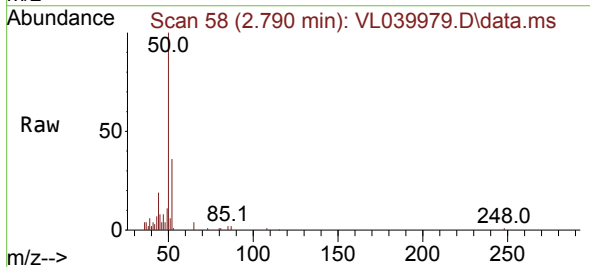
Instrument :  
MSVOA\_L  
ClientSampleId :  
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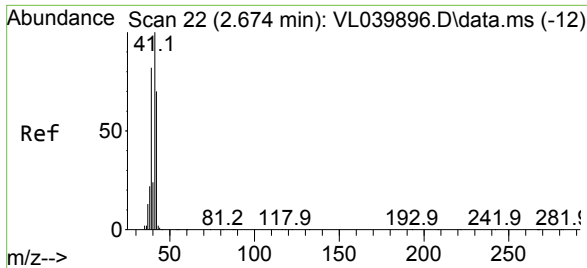
Tgt Ion: 51 Resp: 54571  
Ion Ratio Lower Upper  
51 100  
67 16.7 14.2 21.4



#4  
Chloromethane  
Concen: 0.453 ppbv  
RT: 2.790 min Scan# 58  
Delta R.T. 0.010 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

Tgt Ion: 50 Resp: 46004  
Ion Ratio Lower Upper  
50 100  
52 36.3 27.8 41.8

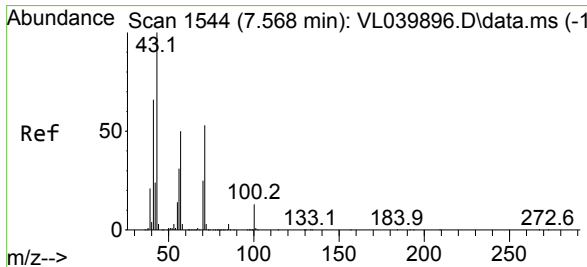
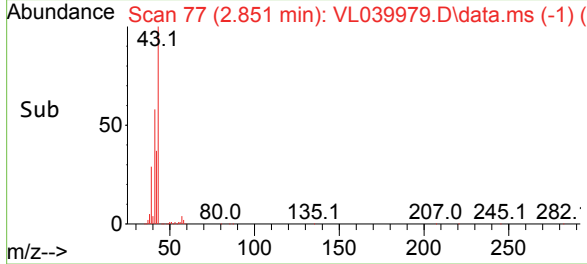
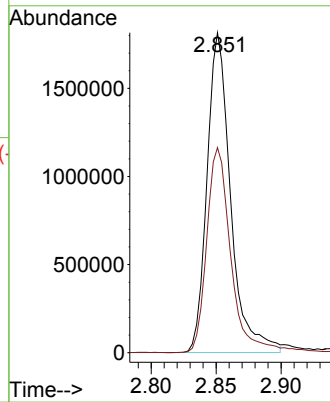
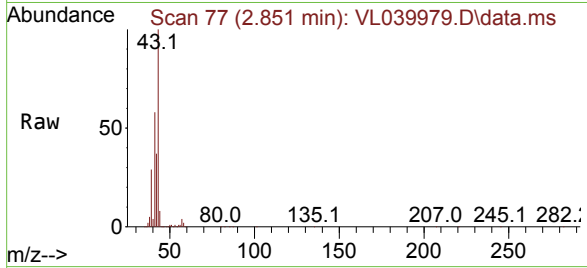




#9  
 Propene  
 Concen: 30.646 ppbv  
 RT: 2.851 min Scan# 71  
 Delta R.T. 0.190 min  
 Lab File: VL039979.D  
 Acq: 12 Dec 2022 17:08

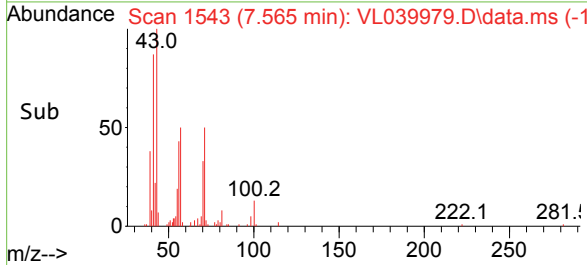
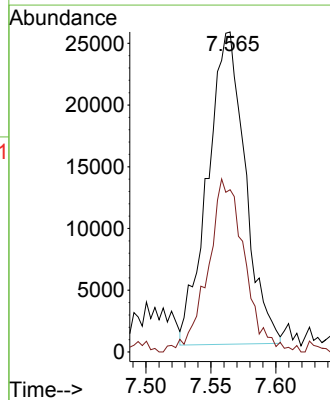
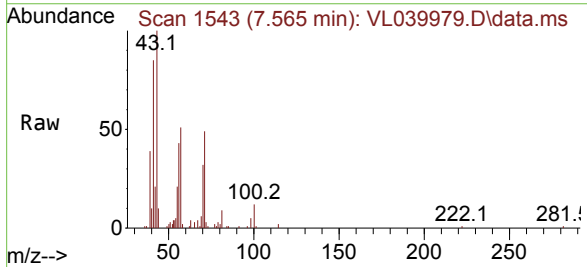
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
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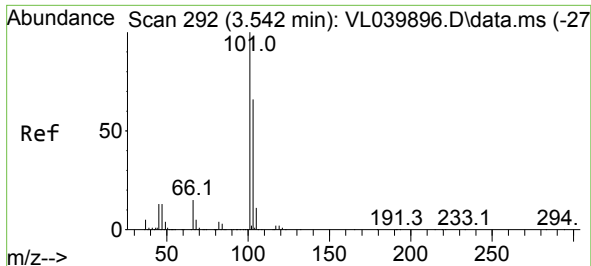
Tgt Ion: 41 Resp: 2294839  
 Ion Ratio Lower Upper  
 41 100  
 42 66.3 55.8 83.6



#10  
 Heptane  
 Concen: 0.281 ppbv  
 RT: 7.565 min Scan# 1543  
 Delta R.T. 0.019 min  
 Lab File: VL039979.D  
 Acq: 12 Dec 2022 17:08

Tgt Ion: 43 Resp: 50830  
 Ion Ratio Lower Upper  
 43 100  
 57 54.1 40.7 61.1

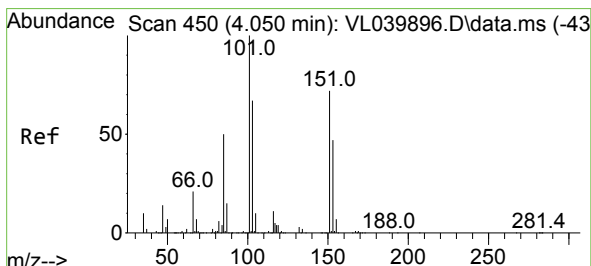
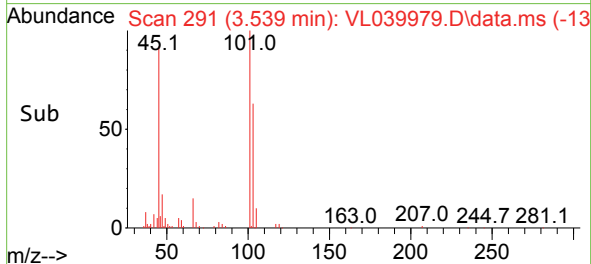
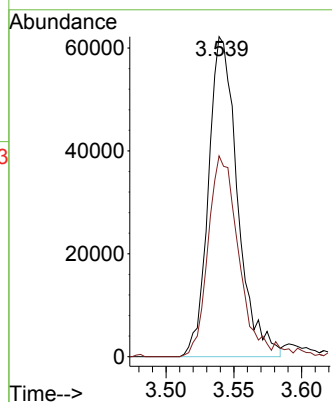
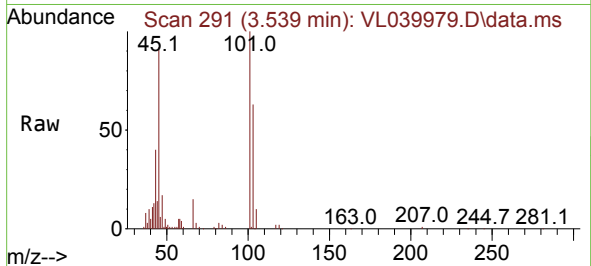




#11  
 Trichlorofluoromethane  
 Concen: 0.462 ppbv  
 RT: 3.539 min Scan# 292  
 Delta R.T. 0.010 min  
 Lab File: VL039979.D  
 Acq: 12 Dec 2022 17:08

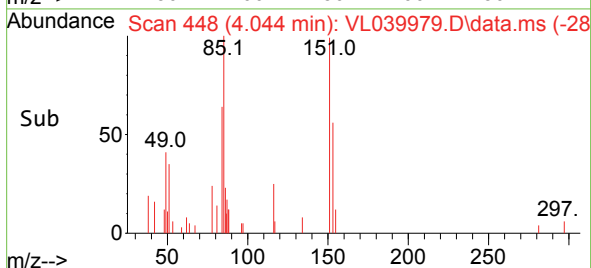
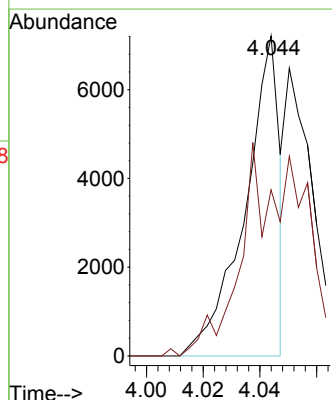
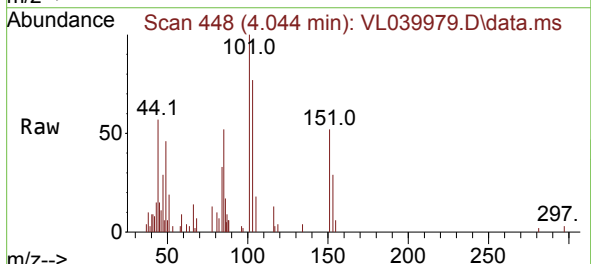
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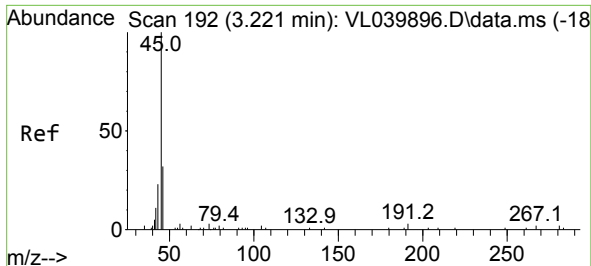
Tgt Ion:101 Resp: 92902  
 Ion Ratio Lower Upper  
 101 100  
 103 62.7 52.6 78.8



#12  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 0.040 ppbv  
 RT: 4.044 min Scan# 448  
 Delta R.T. 0.013 min  
 Lab File: VL039979.D  
 Acq: 12 Dec 2022 17:08

Tgt Ion:101 Resp: 6113  
 Ion Ratio Lower Upper  
 101 100  
 151 125.1 59.6 89.4#

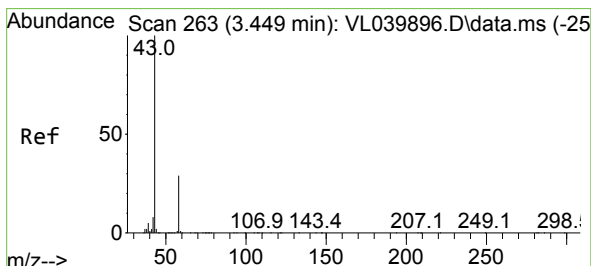
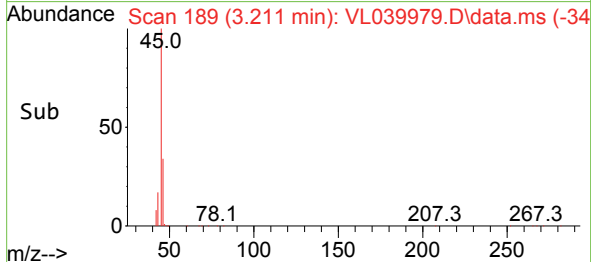
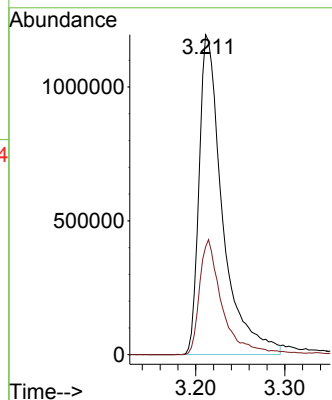
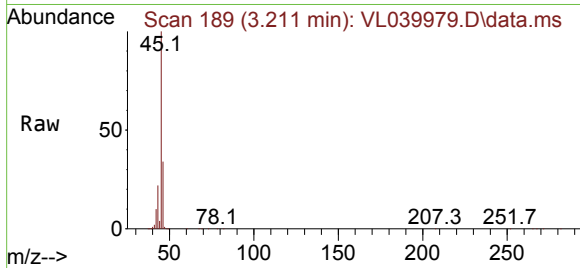




#13  
Ethanol  
Concen: 382.514 ppbv  
RT: 3.211 min Scan# 192  
Delta R.T. -0.003 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

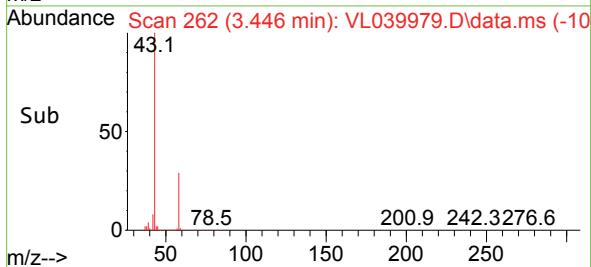
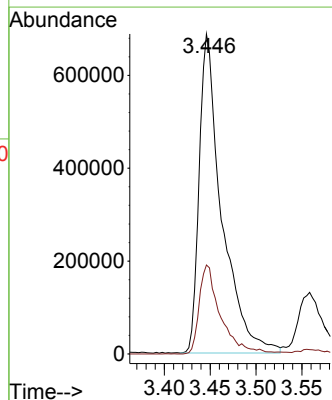
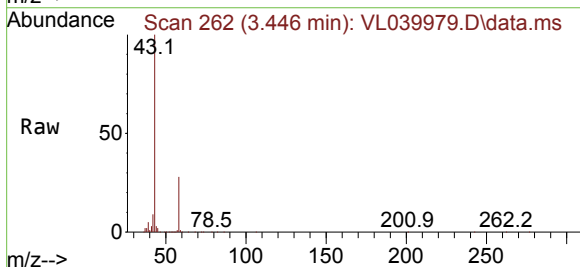
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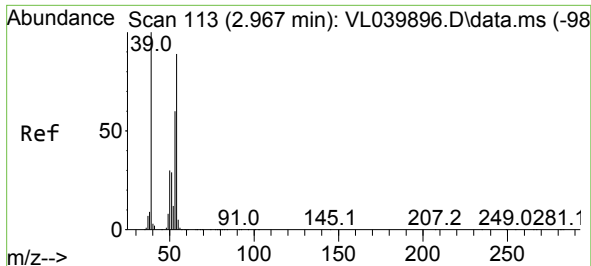
Tgt Ion: 45 Resp: 2186864  
Ion Ratio Lower Upper  
45 100  
46 36.3 14.6 58.2



#15  
Acetone  
Concen: 7.673 ppbv  
RT: 3.446 min Scan# 262  
Delta R.T. 0.013 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

Tgt Ion: 43 Resp: 1172484  
Ion Ratio Lower Upper  
43 100  
58 26.8 22.9 34.3

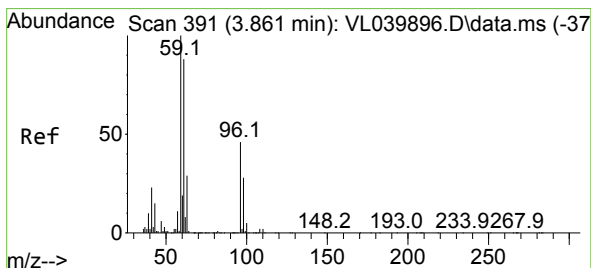
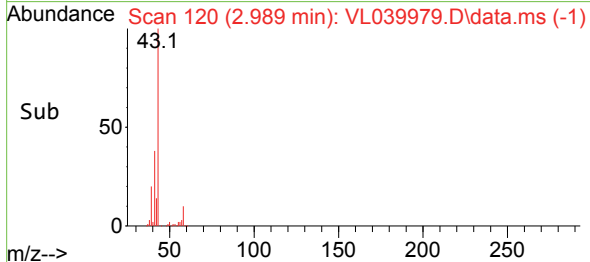
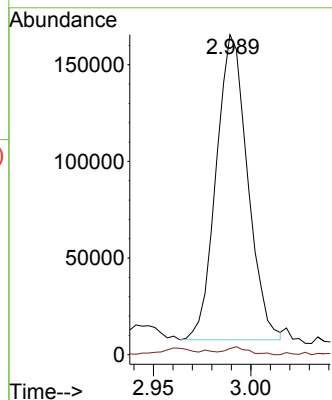
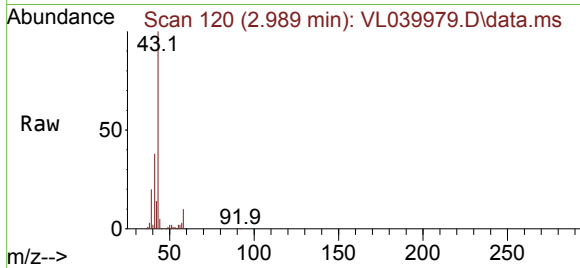




#16  
1,3-Butadiene  
Concen: 2.322 ppbv  
RT: 2.989 min Scan# 113  
Delta R.T. 0.039 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

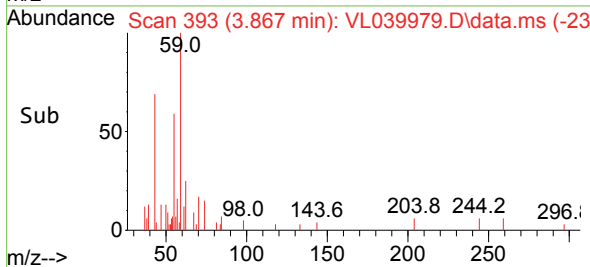
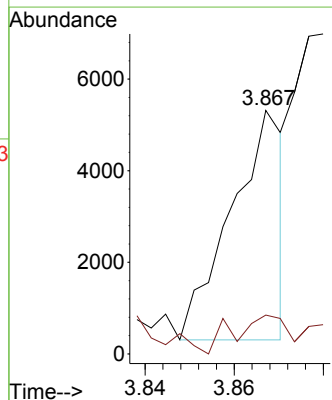
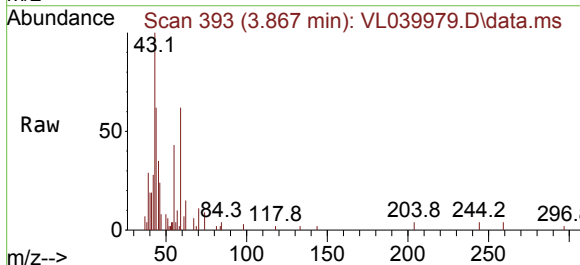
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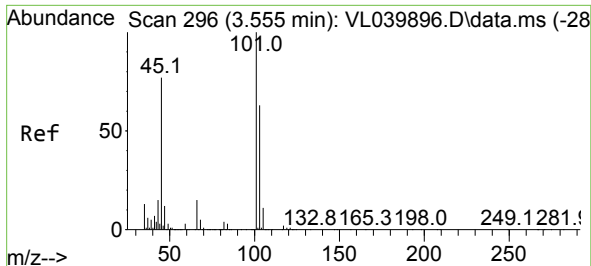
Tgt Ion: 39 Resp: 176840  
Ion Ratio Lower Upper  
39 100  
54 2.4 66.6 99.8#



#17  
tert-Butyl alcohol  
Concen: 0.023 ppbv  
RT: 3.867 min Scan# 393  
Delta R.T. 0.023 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

Tgt Ion: 59 Resp: 4056  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#





#19

Isopropyl Alcohol

Concen: 10.880 ppbv

RT: 3.555 min Scan# 296

Delta R.T. 0.013 min

Lab File: VL039979.D

Acq: 12 Dec 2022 17:08

Instrument :

MSVOA\_L

ClientSampleId :

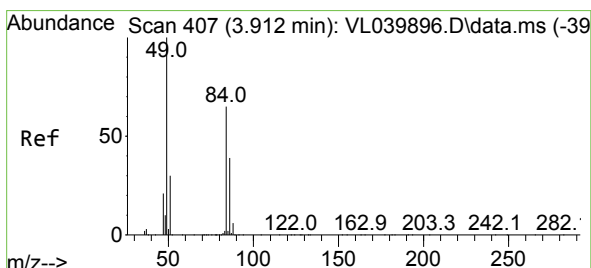
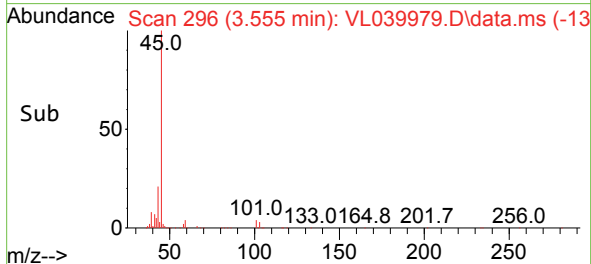
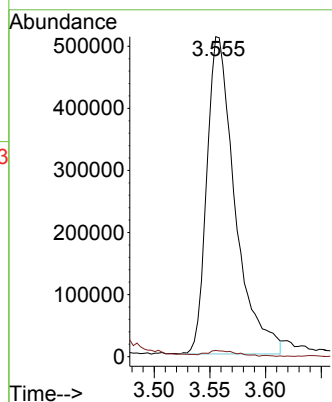
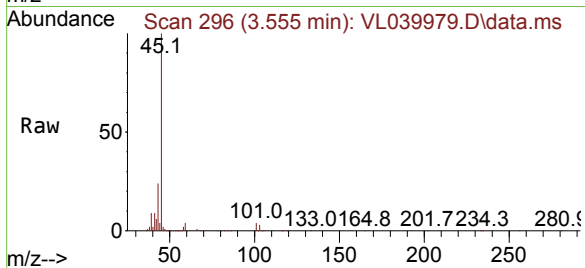
IA-1

Tgt Ion: 45 Resp: 900160

Ion Ratio Lower Upper

45 100

58 2.2 38.7 58.1#



#20

Methylene Chloride

Concen: 10.385 ppbv

RT: 3.912 min Scan# 407

Delta R.T. 0.016 min

Lab File: VL039979.D

Acq: 12 Dec 2022 17:08

Tgt Ion: 84 Resp: 768773

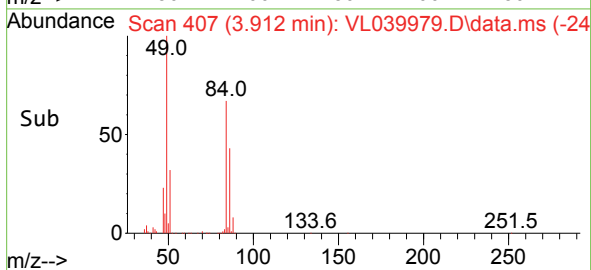
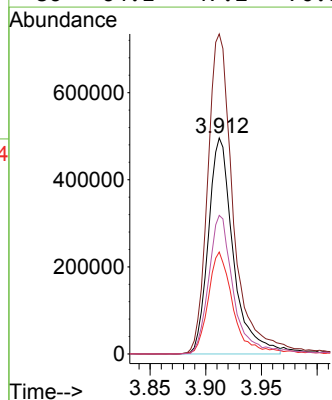
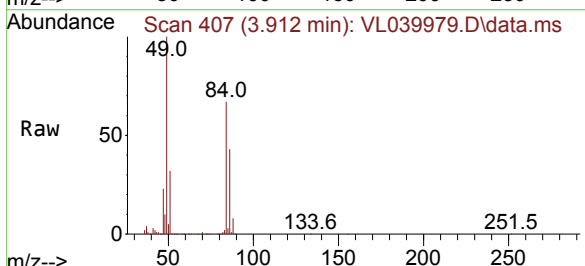
Ion Ratio Lower Upper

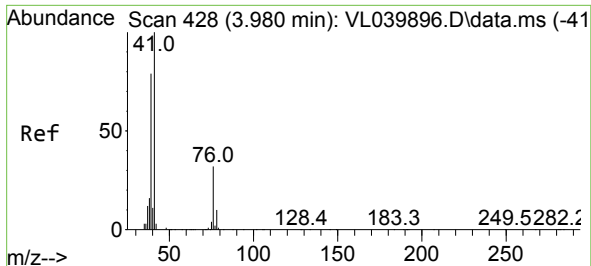
84 100

49 148.0 122.2 183.4

51 47.2 36.3 54.5

86 64.1 47.2 70.8

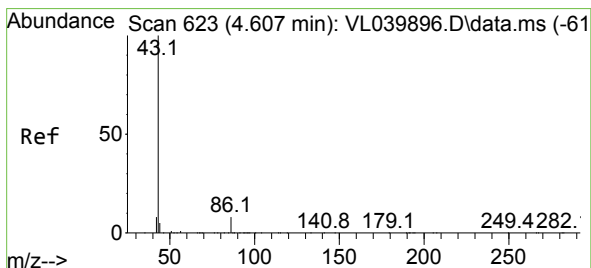
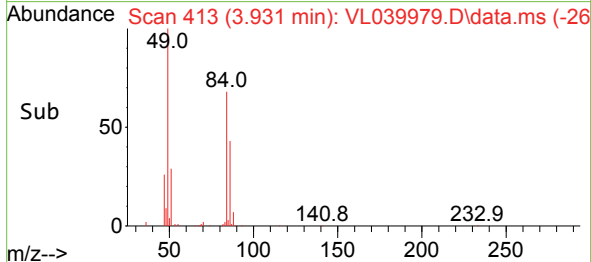
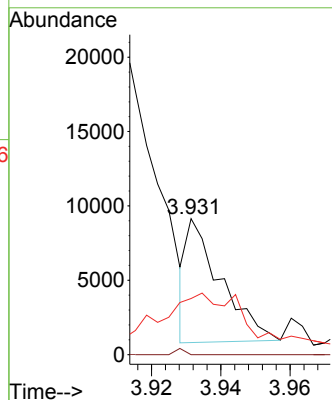
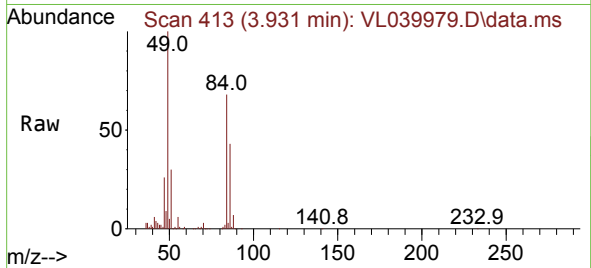




#21  
 Allyl Chloride  
 Concen: 0.054 ppbv  
 RT: 3.931 min Scan# 41  
 Delta R.T. -0.029 min  
 Lab File: VL039979.D  
 Acq: 12 Dec 2022 17:08

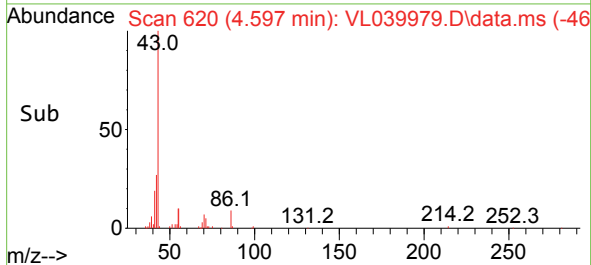
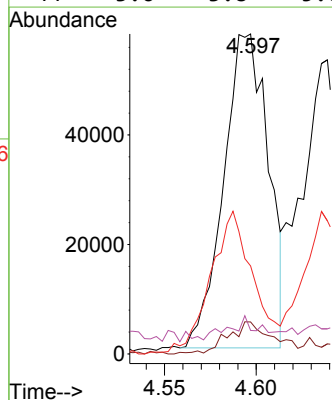
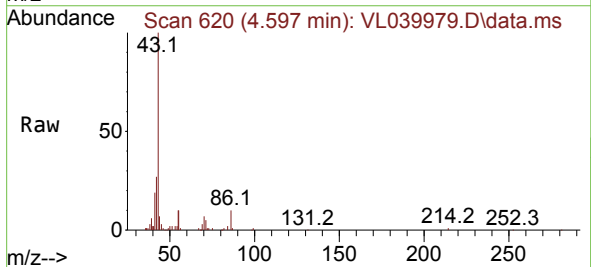
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA-1

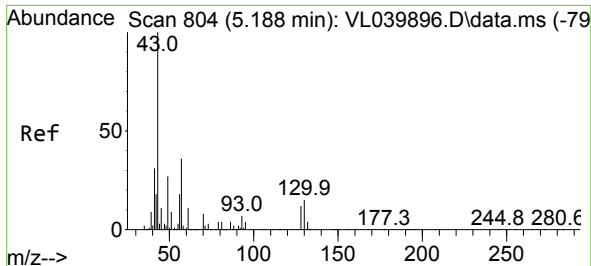
Tgt Ion: 41 Resp: 5716  
 Ion Ratio Lower Upper  
 41 100  
 76 0.0 25.6 38.4#  
 39 137.0 65.2 97.8#



#23  
 Vinyl Acetate  
 Concen: 1.546 ppbv  
 RT: 4.597 min Scan# 620  
 Delta R.T. 0.003 min  
 Lab File: VL039979.D  
 Acq: 12 Dec 2022 17:08

Tgt Ion: 43 Resp: 97074  
 Ion Ratio Lower Upper  
 43 100  
 86 9.7 5.0 7.4#  
 42 25.4 7.6 11.4#  
 44 3.6 3.8 5.6#

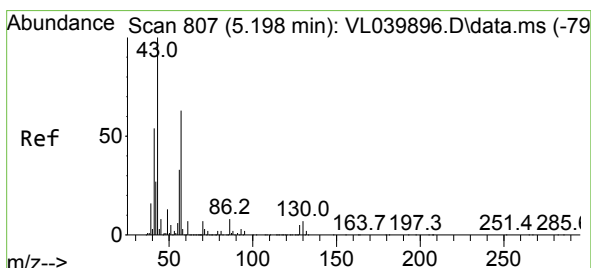
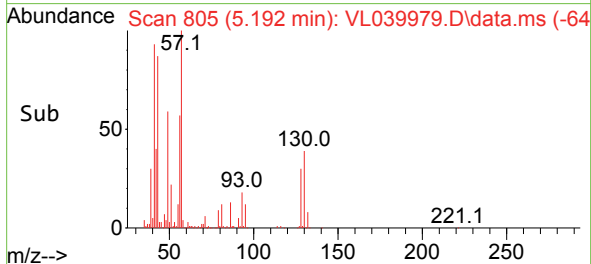
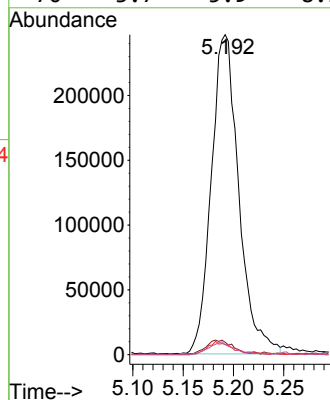
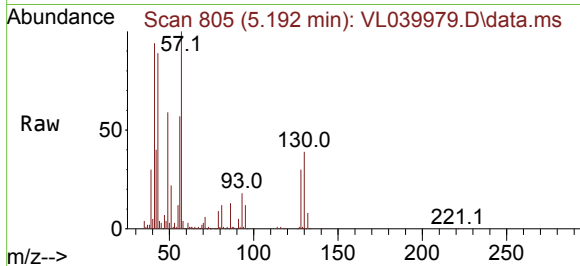




#25  
Ethyl Acetate  
Concen: 1.668 ppbv  
RT: 5.192 min Scan# 805  
Delta R.T. 0.023 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

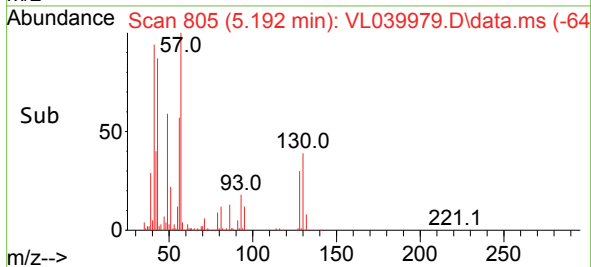
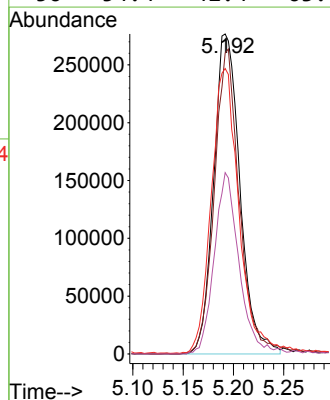
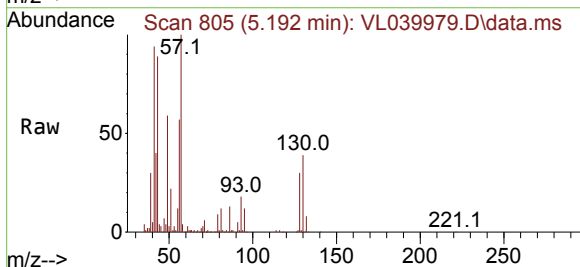
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-1

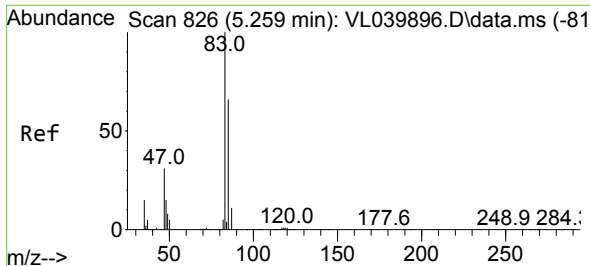
|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 468007 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 45 5.1      | 8.4 12.6#    |
| 61 4.0      | 8.5 12.7#    |
| 70 3.7      | 5.9 8.9#     |



#26  
Hexane  
Concen: 4.113 ppbv  
RT: 5.192 min Scan# 805  
Delta R.T. 0.016 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

|             |              |
|-------------|--------------|
| Tgt Ion: 57 | Resp: 504128 |
| Ion Ratio   | Lower Upper  |
| 57 100      |              |
| 41 92.5     | 72.3 108.5   |
| 43 97.2     | 188.7 283.1# |
| 56 54.4     | 42.4 63.6    |





#29

Chloroform

Concen: 0.417 ppbv

RT: 5.250 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL039979.D

Acq: 12 Dec 2022 17:08

Instrument :

MSVOA\_L

ClientSampleId :

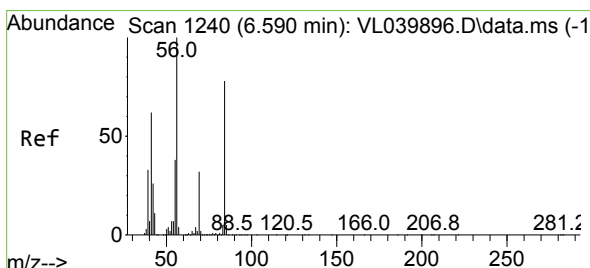
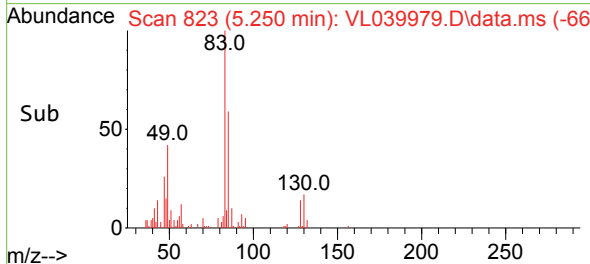
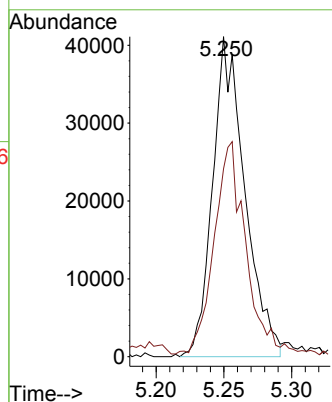
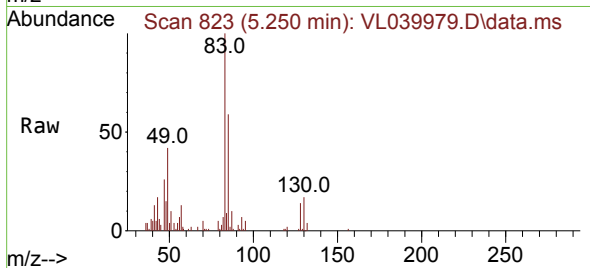
IA-1

Tgt Ion: 83 Resp: 67924

Ion Ratio Lower Upper

83 100

85 57.1 52.4 78.6



#30

Cyclohexane

Concen: 0.060 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. 0.019 min

Lab File: VL039979.D

Acq: 12 Dec 2022 17:08

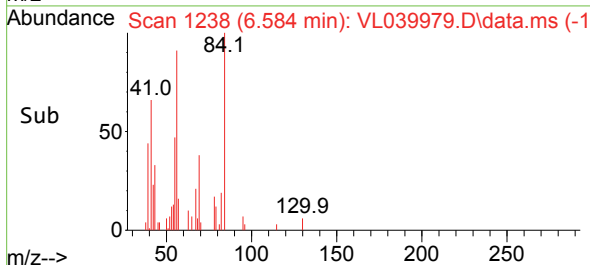
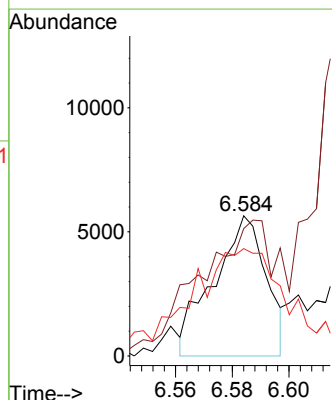
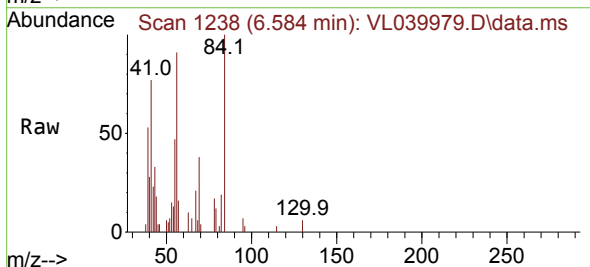
Tgt Ion: 84 Resp: 7260

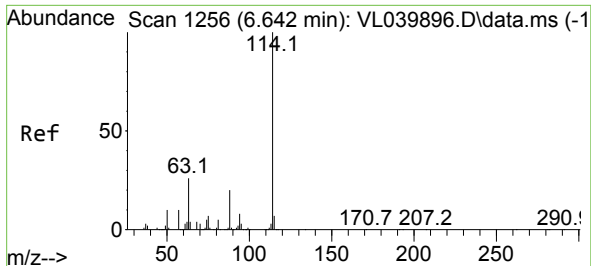
Ion Ratio Lower Upper

84 100

56 0.0 112.5 168.7#

41 120.5 67.8 101.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 1

Delta R.T. 0.016 min

Lab File: VL039979.D

Acq: 12 Dec 2022 17:08

Instrument :

MSVOA\_L

ClientSampleId :

IA-1

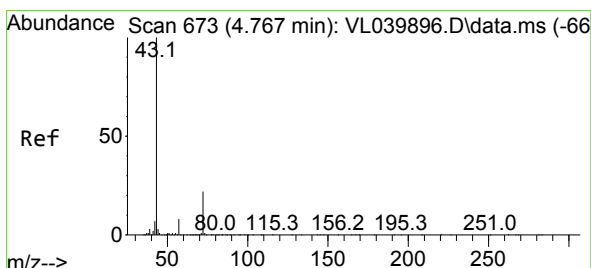
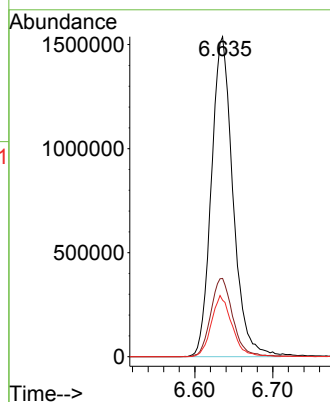
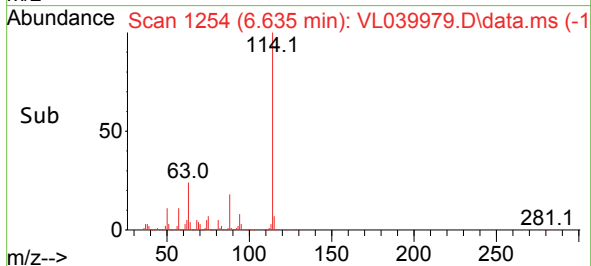
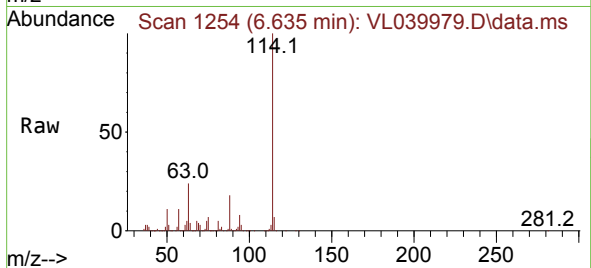
Tgt Ion:114 Resp: 2960369

Ion Ratio Lower Upper

114 100

63 25.3 21.4 32.0

88 18.6 15.3 22.9



#34

2-Butanone

Concen: 0.503 ppbv

RT: 4.774 min Scan# 675

Delta R.T. 0.023 min

Lab File: VL039979.D

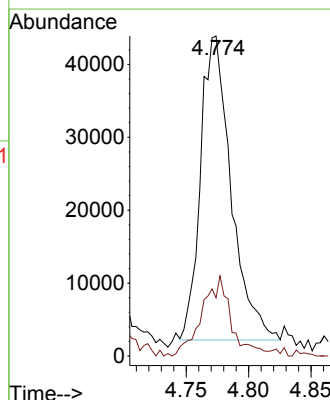
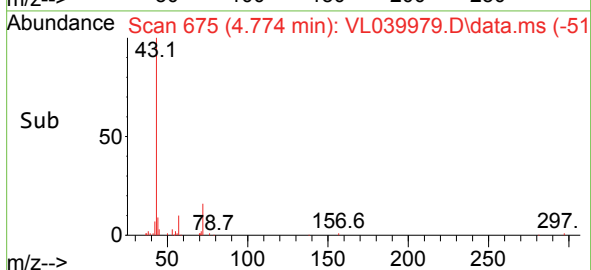
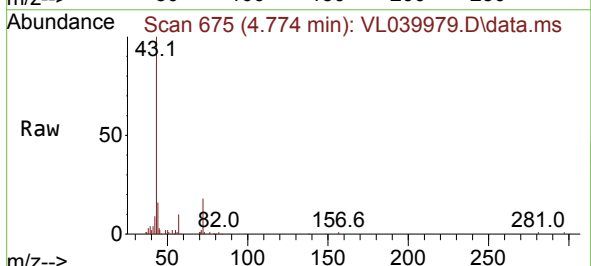
Acq: 12 Dec 2022 17:08

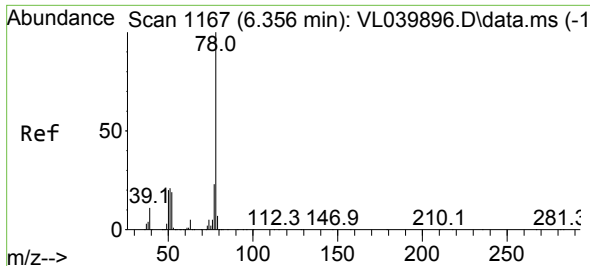
Tgt Ion: 43 Resp: 71229

Ion Ratio Lower Upper

43 100

72 26.6 17.4 26.2#

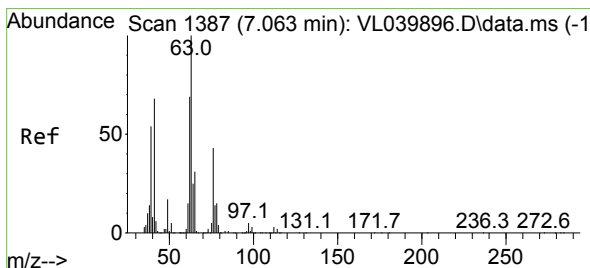
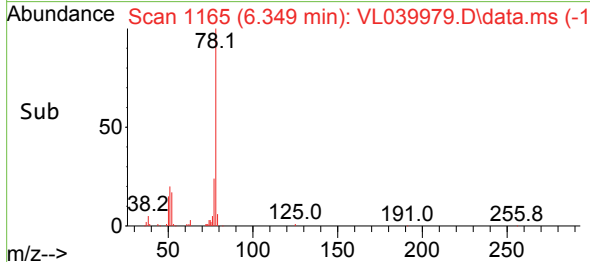
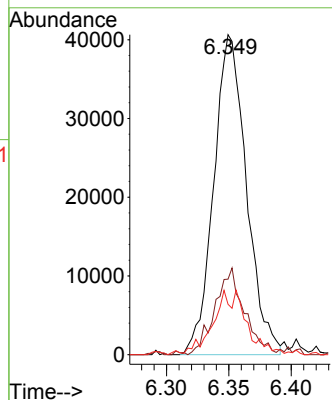
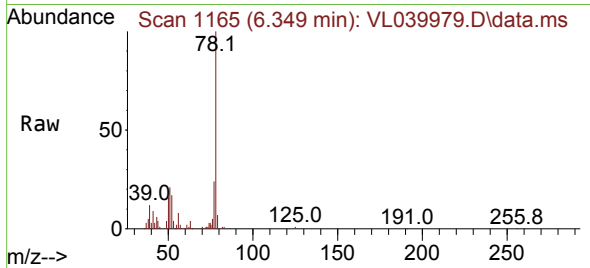




#36  
Benzene  
Concen: 0.295 ppbv  
RT: 6.349 min Scan# 1165  
Delta R.T. 0.016 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

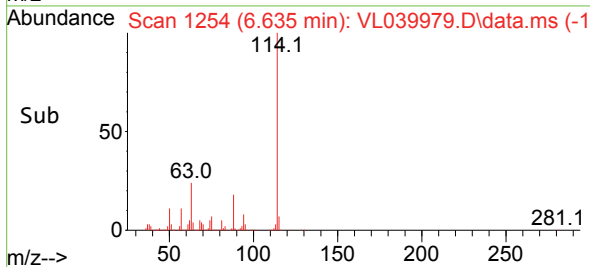
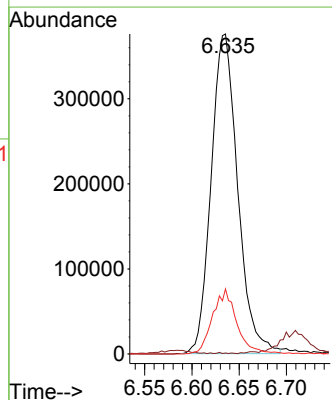
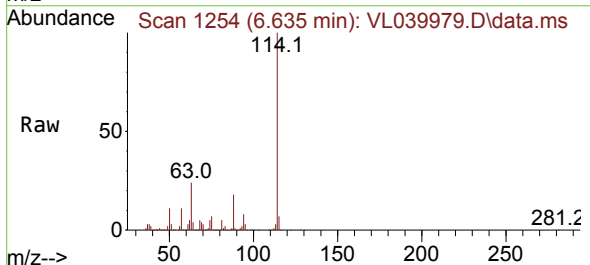
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-1

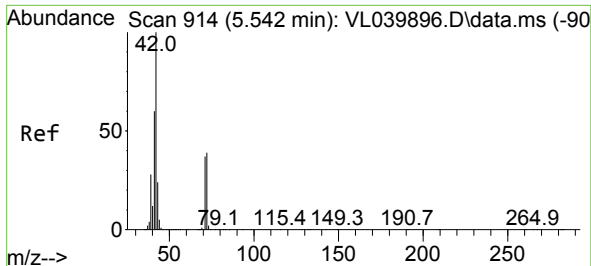
Tgt Ion: 78 Resp: 74265  
Ion Ratio Lower Upper  
78 100  
77 23.0 18.2 27.2  
50 15.2 15.8 23.8#



#39  
1,2-Dichloropropane  
Concen: 7.494 ppbv  
RT: 6.635 min Scan# 1254  
Delta R.T. -0.399 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

Tgt Ion: 63 Resp: 734668  
Ion Ratio Lower Upper  
63 100  
41 0.0 54.7 82.1#  
62 20.3 55.0 82.6#





#41

Tetrahydrofuran

Concen: 0.037 ppbv

RT: 5.230 min Scan# 81

Delta R.T. -0.289 min

Lab File: VL039979.D

Acq: 12 Dec 2022 17:08

Instrument :

MSVOA\_L

ClientSampleId :

IA-1

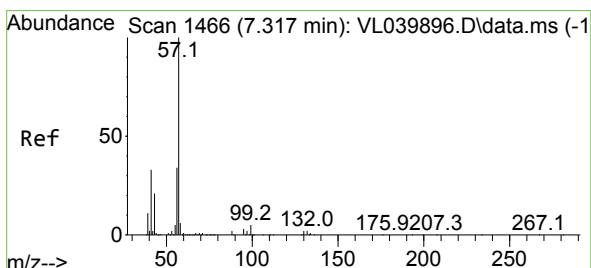
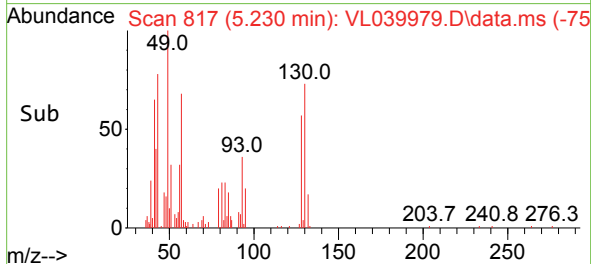
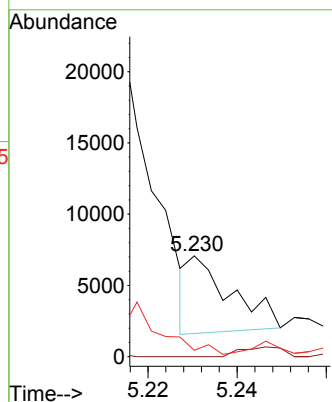
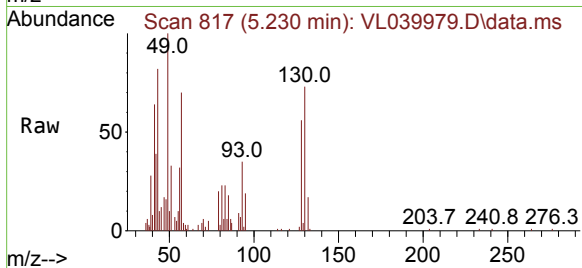
Tgt Ion: 42 Resp: 3582

Ion Ratio Lower Upper

42 100

72 16.8 31.6 47.4#

71 0.0 31.2 46.8#



#44

2,2,4-Trimethylpentane

Concen: 1.241 ppbv

RT: 7.307 min Scan# 1463

Delta R.T. 0.016 min

Lab File: VL039979.D

Acq: 12 Dec 2022 17:08

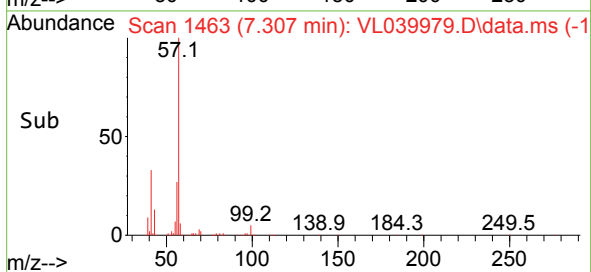
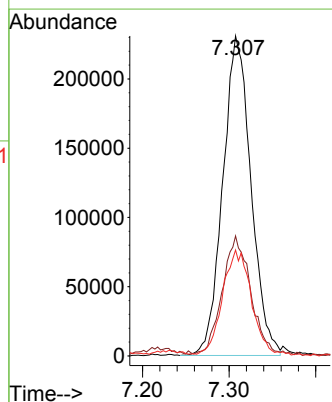
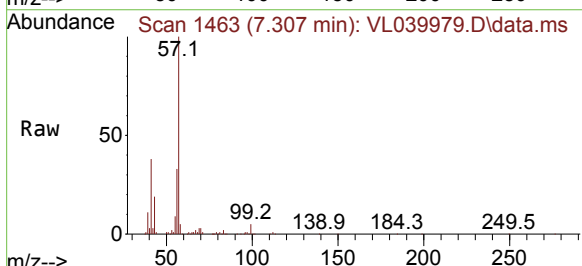
Tgt Ion: 57 Resp: 521327

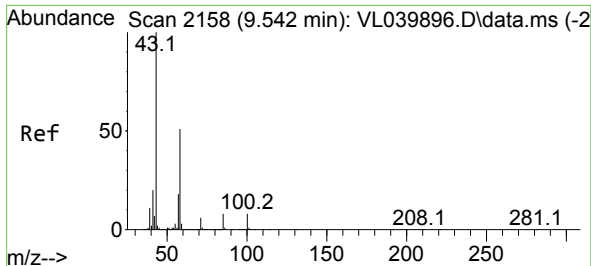
Ion Ratio Lower Upper

57 100

41 38.3 26.2 39.2

56 33.4 25.5 38.3

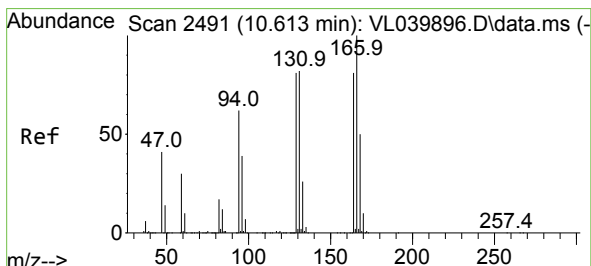
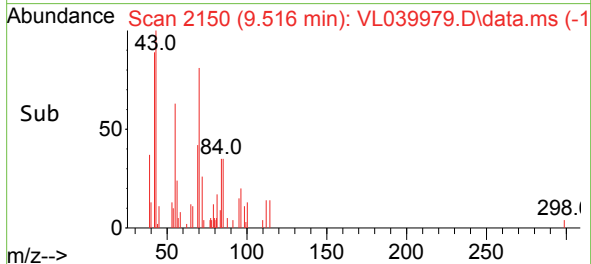
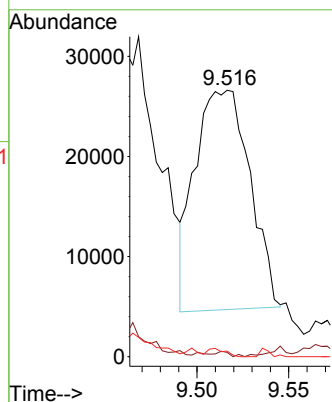
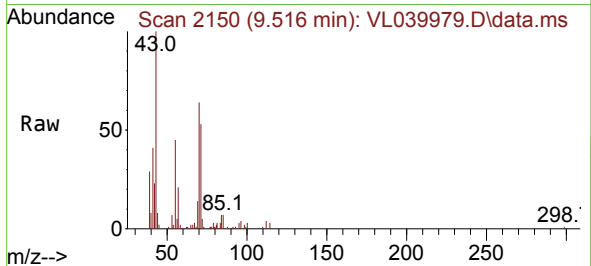




#51  
2-Hexanone  
Concen: 0.231 ppbv  
RT: 9.516 min Scan# 2158  
Delta R.T. 0.000 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

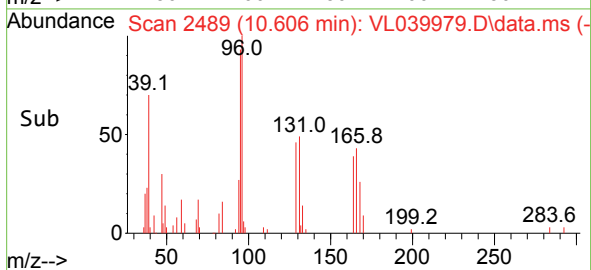
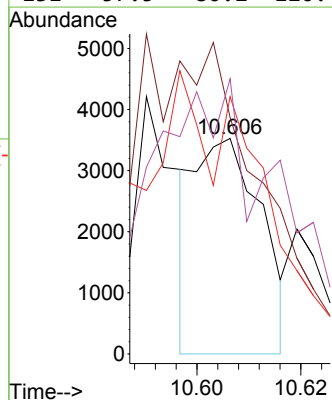
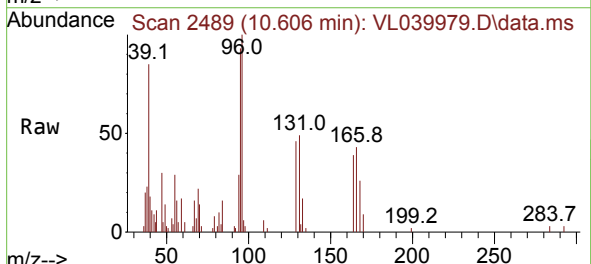
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-1

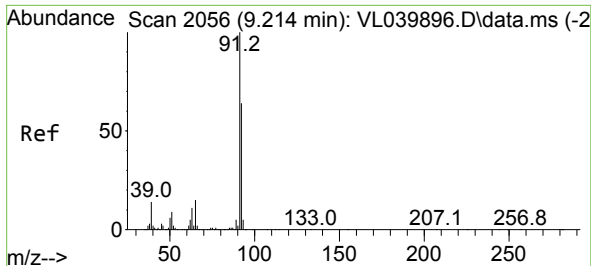
Tgt Ion: 43 Resp: 45558  
Ion Ratio Lower Upper  
43 100  
58 0.0 40.2 60.4#  
98 1.3 0.1 0.1#



#52  
Tetrachloroethene  
Concen: 0.033 ppbv  
RT: 10.606 min Scan# 2489  
Delta R.T. 0.026 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

Tgt Ion: 164 Resp: 3130  
Ion Ratio Lower Upper  
164 100  
166 64.2 98.3 147.5#  
129 104.9 79.7 119.5  
131 57.5 80.2 120.4#

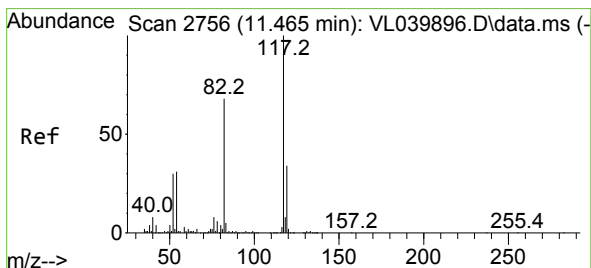
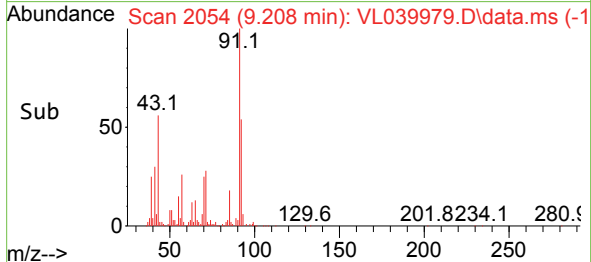
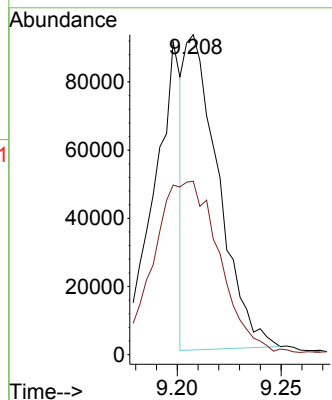
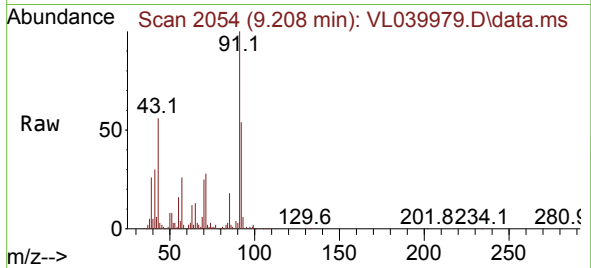




#53  
Toluene  
Concen: 0.365 ppbv  
RT: 9.208 min Scan# 2056  
Delta R.T. 0.023 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

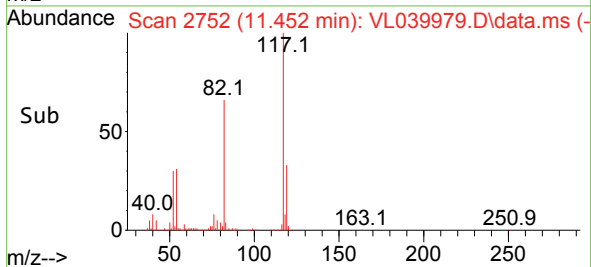
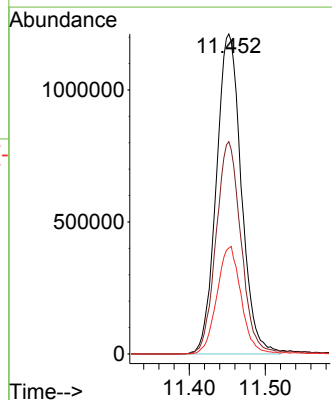
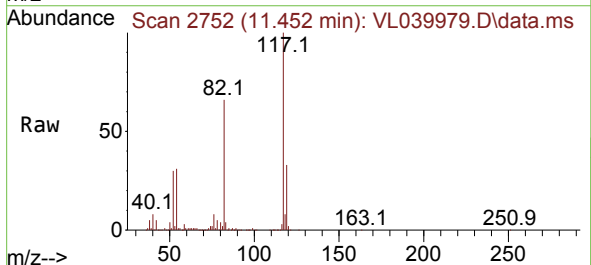
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-1

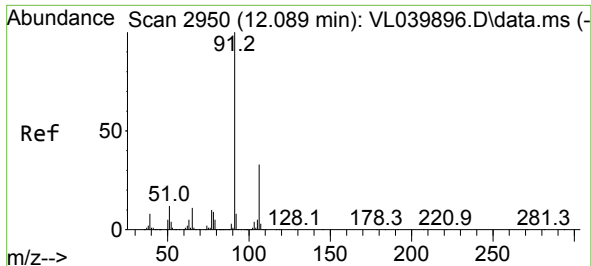
Tgt Ion: 91 Resp: 104587  
Ion Ratio Lower Upper  
91 100  
92 109.9 49.8 74.6#



#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 11.452 min Scan# 2752  
Delta R.T. 0.019 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

Tgt Ion: 117 Resp: 2761062  
Ion Ratio Lower Upper  
117 100  
82 67.4 52.3 78.5  
119 33.1 25.7 38.5

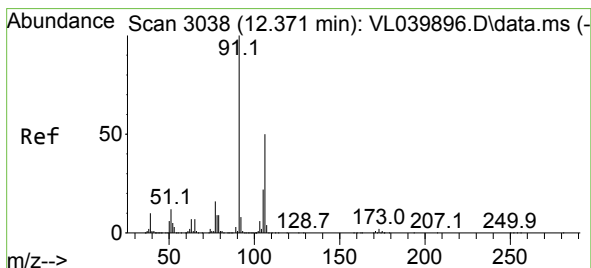
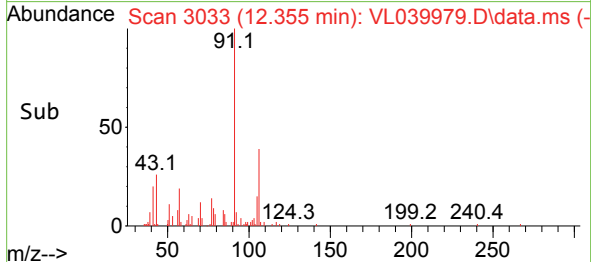
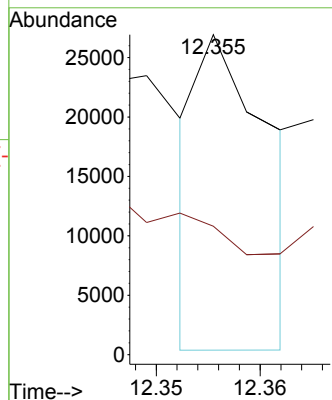
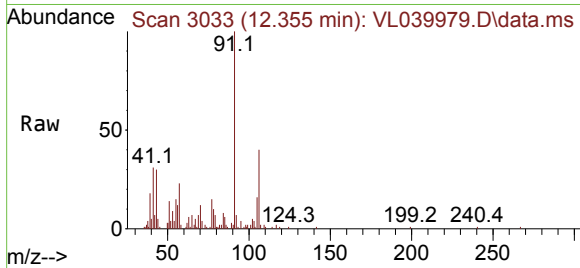




#58  
Ethyl Benzene  
Concen: 0.034 ppbv  
RT: 12.355 min Scan# 3033  
Delta R.T. 0.299 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

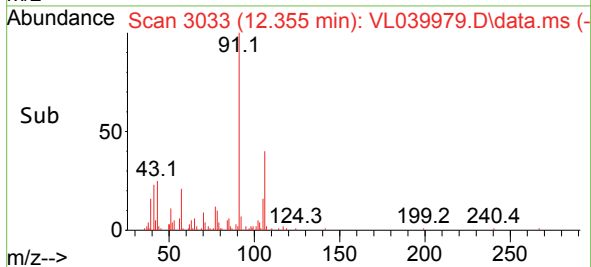
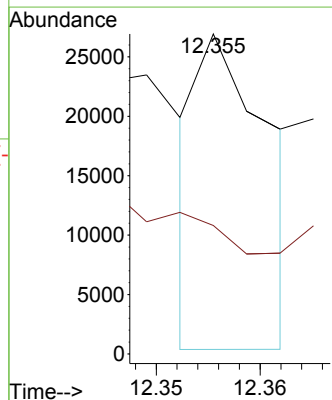
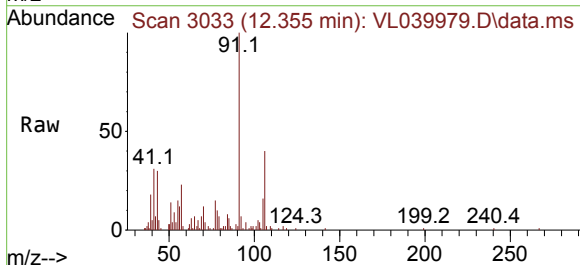
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-1

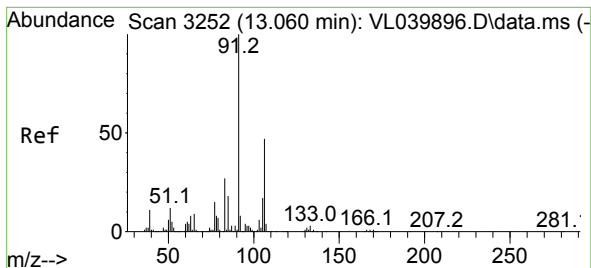
Tgt Ion: 91 Resp: 12570  
Ion Ratio Lower Upper  
91 100  
106 29.1 26.1 39.1



#59  
m/p-Xylene  
Concen: 0.040 ppbv  
RT: 12.355 min Scan# 3033  
Delta R.T. 0.016 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

Tgt Ion: 91 Resp: 12570  
Ion Ratio Lower Upper  
91 100  
106 0.0 37.0 55.6#

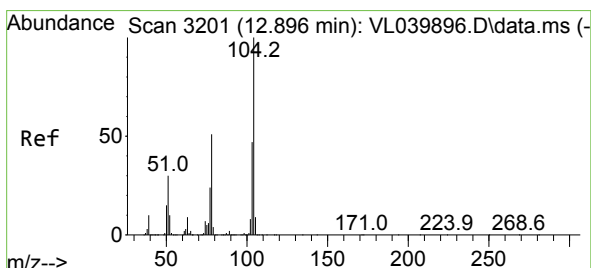
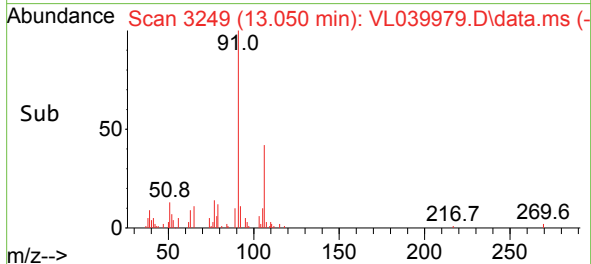
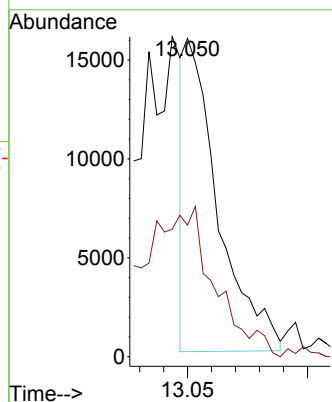
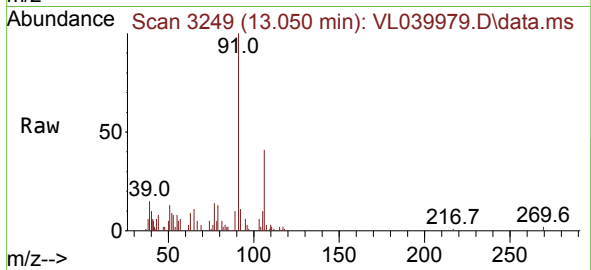




#60  
o-Xylene  
Concen: 0.052 ppbv  
RT: 13.050 min Scan# 3196  
Delta R.T. 0.023 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

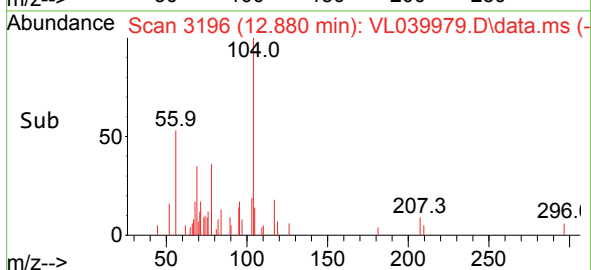
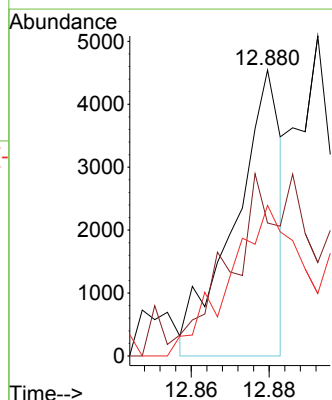
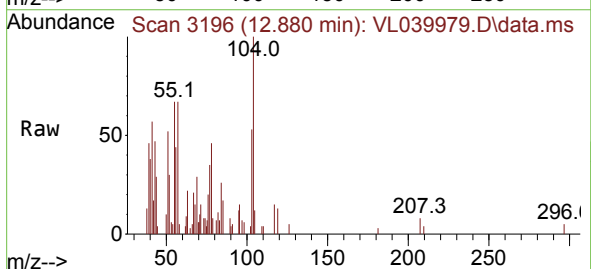
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-1

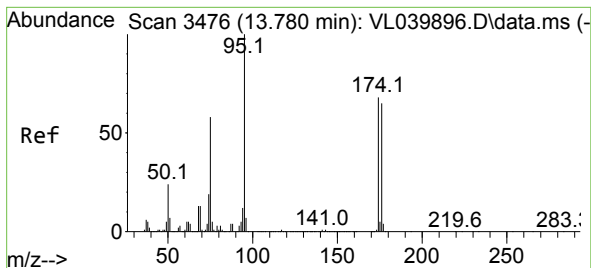
Tgt Ion: 91 Resp: 15404  
Ion Ratio Lower Upper  
91 100  
106 108.6 23.2 69.6#



#61  
Styrene  
Concen: 0.021 ppbv  
RT: 12.880 min Scan# 3196  
Delta R.T. 0.016 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

Tgt Ion: 104 Resp: 3724  
Ion Ratio Lower Upper  
104 100  
78 172.9 41.8 62.8#  
103 129.4 37.2 55.8#

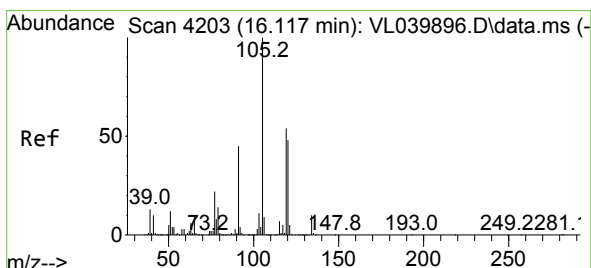
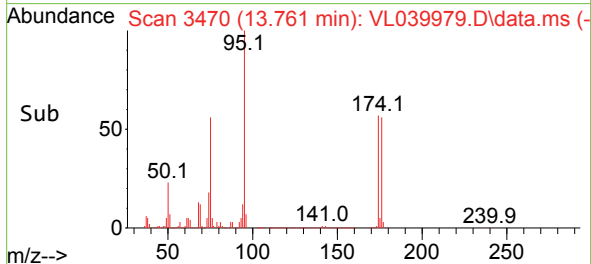
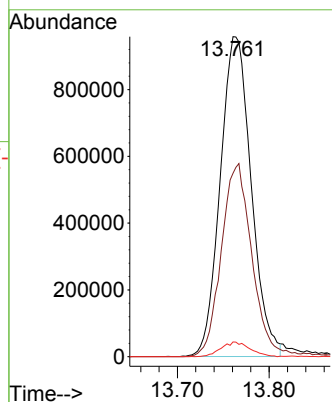
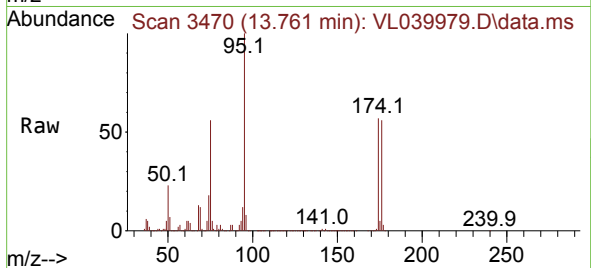




#68  
1-Bromo-4-Fluorobenzene  
Concen: 10.676 ppbv  
RT: 13.761 min Scan# 3476  
Delta R.T. 0.019 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

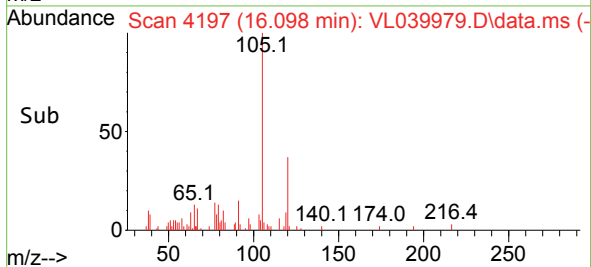
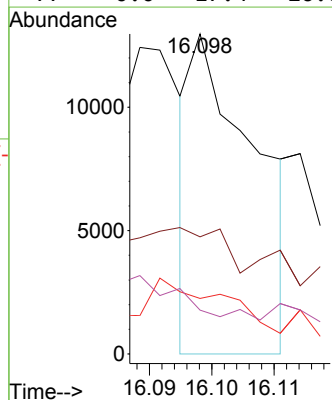
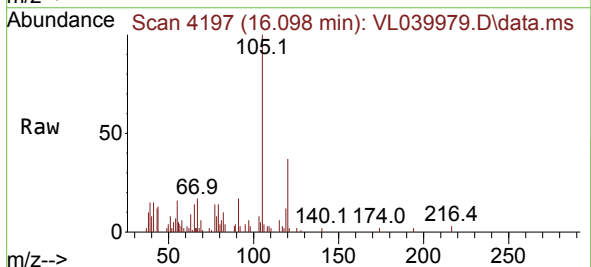
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-1

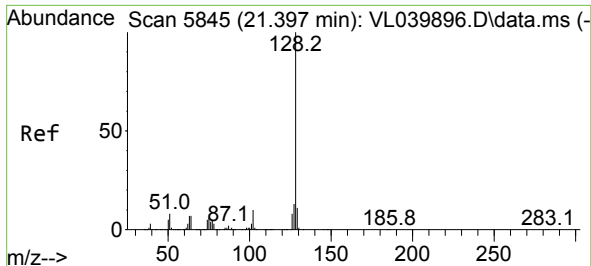
Tgt Ion: 95 Resp: 2251495  
Ion Ratio Lower Upper  
95 100  
174 60.6 53.7 80.5  
175 4.5 4.0 6.0



#74  
1,2,4-Trimethylbenzene  
Concen: 0.028 ppbv  
RT: 16.098 min Scan# 4197  
Delta R.T. 0.023 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

Tgt Ion: 105 Resp: 9219  
Ion Ratio Lower Upper  
105 100  
120 16.6 38.7 58.1#  
91 27.8 36.4 54.6#  
77 0.0 17.4 26.0#

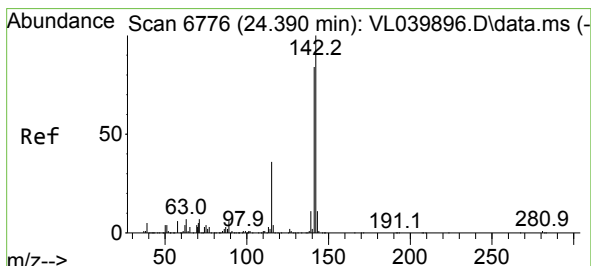
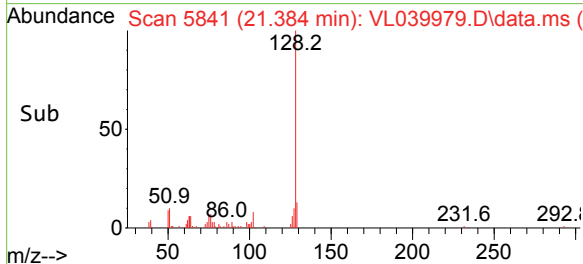
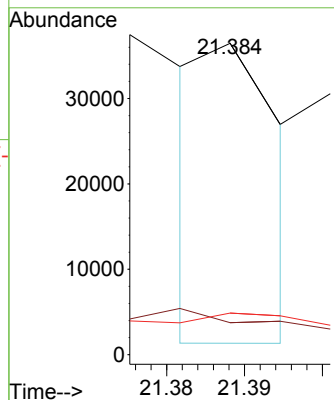
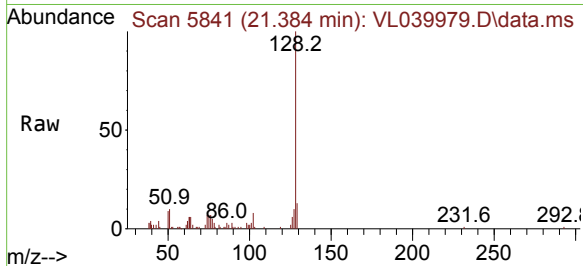




#79  
Naphthalene  
Concen: 0.060 ppbv  
RT: 21.384 min Scan# 5841  
Delta R.T. 0.036 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-1

Tgt Ion:128 Resp: 11726  
Ion Ratio Lower Upper  
128 100  
127 0.0 10.0 15.0#  
129 12.1 8.8 13.2



#80  
Naphthalene,2-methyl-  
Concen: 0.161 ppbv  
RT: 24.371 min Scan# 6770  
Delta R.T. 0.023 min  
Lab File: VL039979.D  
Acq: 12 Dec 2022 17:08

Tgt Ion:142 Resp: 8835  
Ion Ratio Lower Upper  
142 100  
141 84.2 69.1 103.7  
115 60.2 29.6 44.4#

