

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL072924\  
 Data File : VL041425.D  
 Acq On : 29 Jul 2024 12:14  
 Operator : SY/MD  
 Sample : P3342-01 4X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 ACVI-SS-01

Quant Time: Jul 30 02:48:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL072524AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Tue Jul 30 02:42:20 2024  
 Response via : Initial Calibration

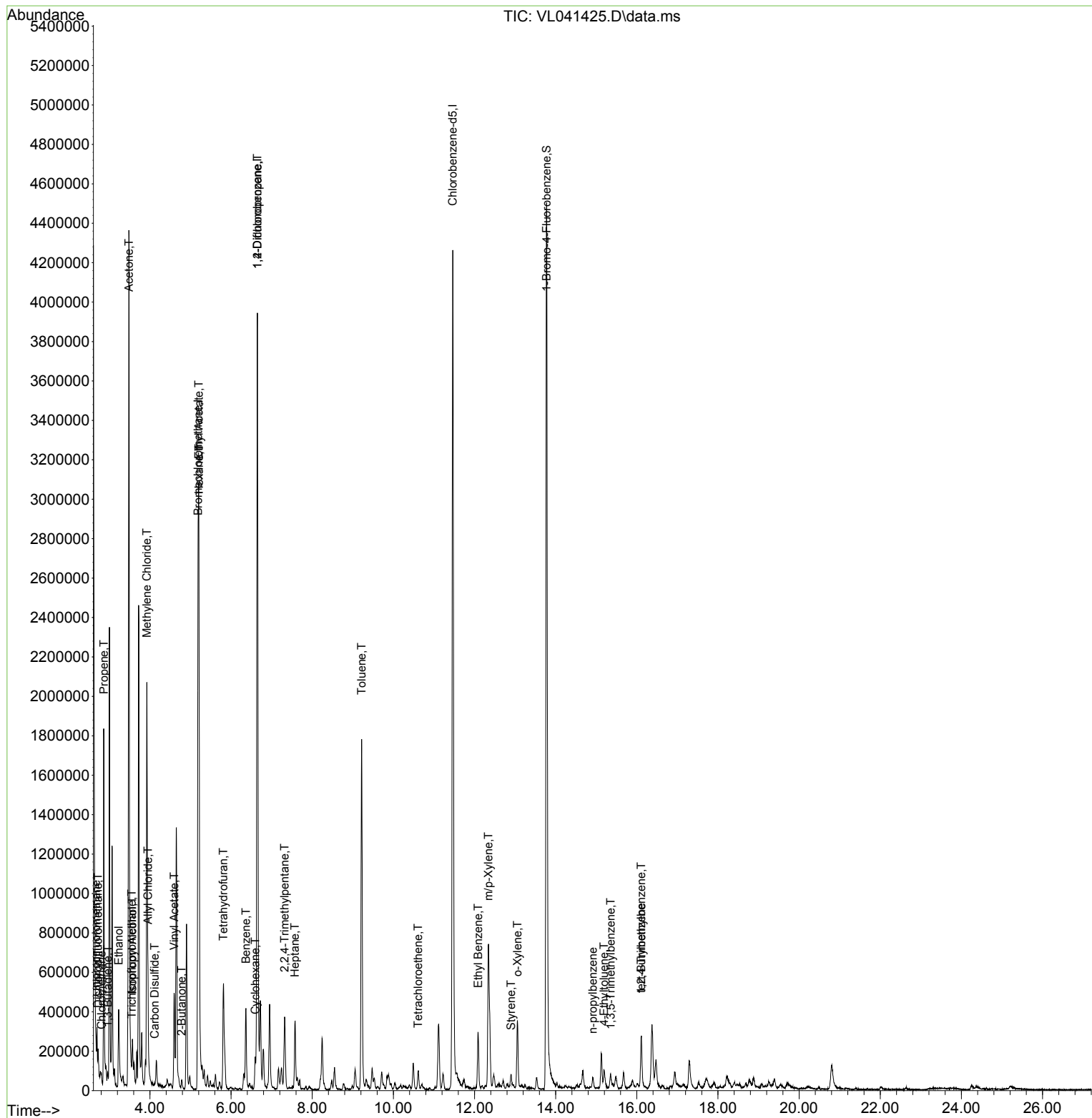
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.185  | 49    | 1070449  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.648  | 114   | 2985146  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.465 | 117   | 2858080  | 10.000   | ppbv   | # 0.00   |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.773 | 95    | 2225855  | 10.120   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 101.200% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 2.719  | 85    | 13299    | 0.072    | ppbv   | 92       |
| 3) Chlorodifluoromethane    | 2.671  | 51    | 16099    | 0.126    | ppbv # | 78       |
| 4) Chloromethane            | 2.806  | 50    | 4048     | 0.060    | ppbv   | 90       |
| 9) Propene                  | 2.864  | 41    | 482192   | 8.237    | ppbv   | 97       |
| 10) Heptane                 | 7.574  | 43    | 126005   | 0.958    | ppbv   | 94       |
| 11) Trichlorofluoromethane  | 3.552  | 101   | 9261     | 0.057    | ppbv   | 100      |
| 13) Ethanol                 | 3.230  | 45    | 441048   | 84.296   | ppbv   | 93       |
| 15) Acetone                 | 3.481  | 43    | 1898827  | 15.612   | ppbv # | 67       |
| 16) 1,3-Butadiene           | 2.957  | 39    | 11934    | 0.184    | ppbv # | 10       |
| 19) Isopropyl Alcohol       | 3.568  | 45    | 204895   | 2.882    | ppbv # | 1        |
| 20) Methylene Chloride      | 3.925  | 84    | 643075   | 14.179   | ppbv   | 97       |
| 21) Allyl Chloride          | 3.951  | 41    | 26611    | 0.334    | ppbv # | 19       |
| 23) Vinyl Acetate           | 4.600  | 43    | 168338   | 1.812    | ppbv # | 1        |
| 25) Ethyl Acetate           | 5.205  | 43    | 696446   | 2.882    | ppbv # | 80       |
| 26) Hexane                  | 5.208  | 57    | 933952   | 9.318    | ppbv # | 39       |
| 27) Carbon Disulfide        | 4.115  | 76    | 4942     | 0.042    | ppbv # | 1        |
| 30) Cyclohexane             | 6.600  | 84    | 46166    | 0.566    | ppbv   | 88       |
| 34) 2-Butanone              | 4.780  | 43    | 40623    | 0.281    | ppbv # | 84       |
| 36) Benzene                 | 6.365  | 78    | 310599   | 1.424    | ppbv   | 96       |
| 39) 1,2-Dichloropropane     | 6.648  | 63    | 723372   | 8.662    | ppbv # | 26       |
| 41) Tetrahydrofuran         | 5.809  | 42    | 64284    | 0.778    | ppbv # | 37       |
| 44) 2,2,4-Trimethylpentane  | 7.320  | 57    | 255126   | 0.700    | ppbv # | 76       |
| 52) Tetrachloroethene       | 10.610 | 164   | 11440    | 0.136    | ppbv   | 92       |
| 53) Toluene                 | 9.217  | 91    | 1370088  | 5.639    | ppbv   | 100      |
| 58) Ethyl Benzene           | 12.089 | 91    | 246069   | 0.747    | ppbv   | 93       |
| 59) m/p-Xylene              | 12.343 | 91    | 766157   | 2.694    | ppbv   | 97       |
| 60) o-Xylene                | 13.060 | 91    | 263146   | 0.978    | ppbv   | 99       |
| 61) Styrene                 | 12.899 | 104   | 40558    | 0.334    | ppbv   | 95       |
| 64) n-propylbenzene         | 14.918 | 120   | 9653     | 0.090    | ppbv # | 40       |
| 65) tert-Butylbenzene       | 16.105 | 119   | 13412    | 0.036    | ppbv # | 1        |
| 72) 4-Ethyltoluene          | 15.195 | 105   | 39016    | 0.123    | ppbv # | 50       |
| 73) 1,3,5-Trimethylbenzene  | 15.355 | 105   | 45631    | 0.167    | ppbv   | 87       |
| 74) 1,2,4-Trimethylbenzene  | 16.108 | 105   | 211883   | 0.668    | ppbv # | 70       |
| -----                       |        |       |          |          |        |          |

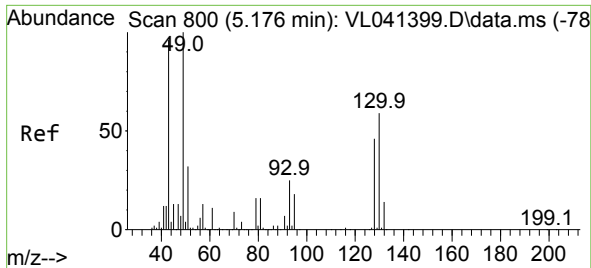
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL072924\  
Data File : VL041425.D  
Acq On : 29 Jul 2024 12:14  
Operator : SY/MD  
Sample : P3342-01 4X  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
ACVI-SS-01

Quant Time: Jul 30 02:48:14 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL072524AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
QLast Update : Tue Jul 30 02:42:20 2024  
Response via : Initial Calibration

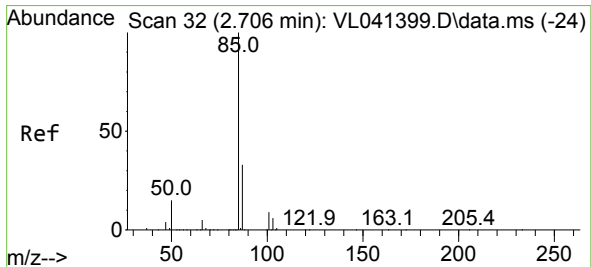
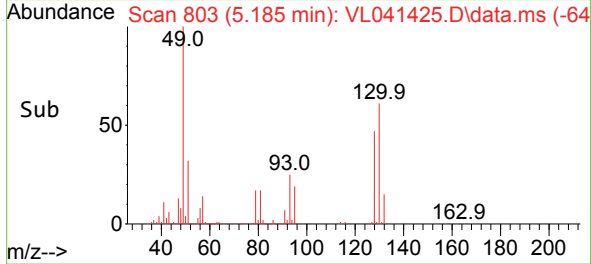
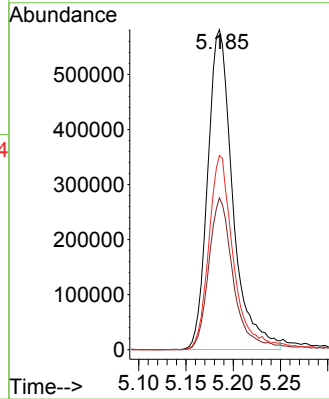
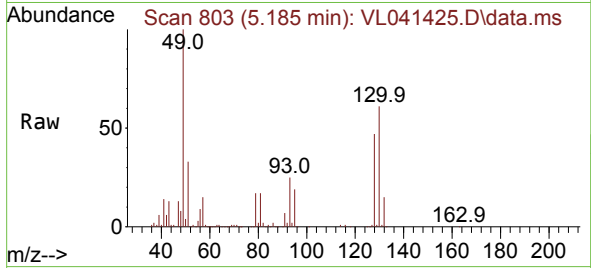




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.185 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VL041425.D  
Acq: 29 Jul 2024 12:14

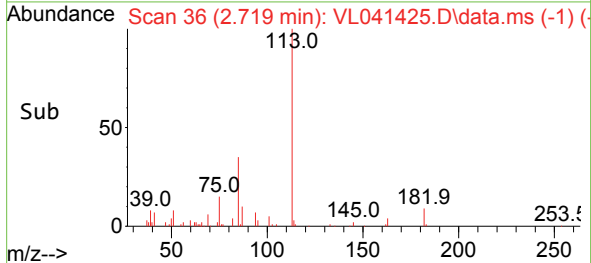
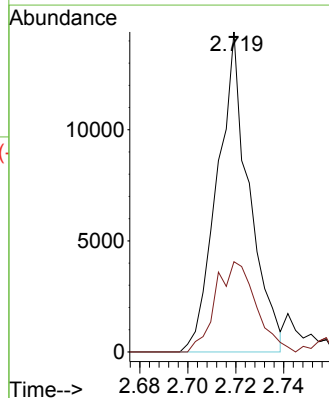
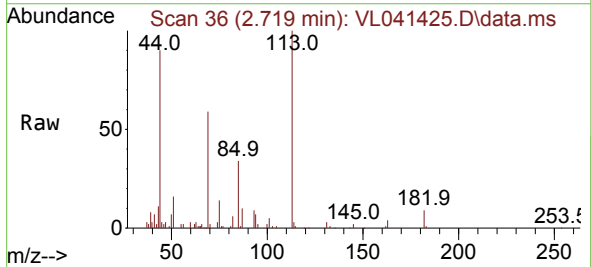
Instrument :  
MSVOA\_L  
ClientSampleId :  
ACVI-SS-01

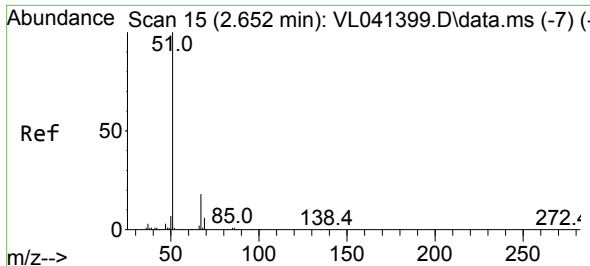
Tgt Ion: 49 Resp: 1070449  
Ion Ratio Lower Upper  
49 100  
128 48.2 23.8 71.4  
130 62.2 30.8 92.4



#2  
Dichlorodifluoromethane  
Concen: 0.072 ppbv  
RT: 2.719 min Scan# 36  
Delta R.T. 0.010 min  
Lab File: VL041425.D  
Acq: 29 Jul 2024 12:14

Tgt Ion: 85 Resp: 13299  
Ion Ratio Lower Upper  
85 100  
87 28.2 26.0 39.0

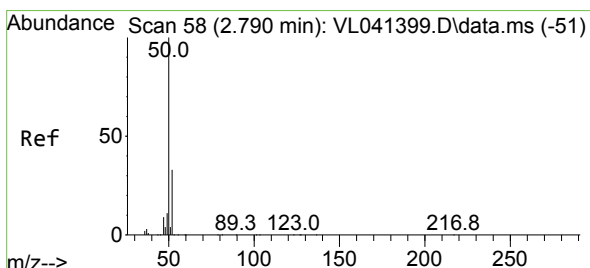
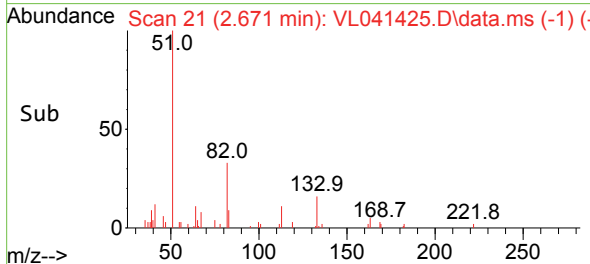
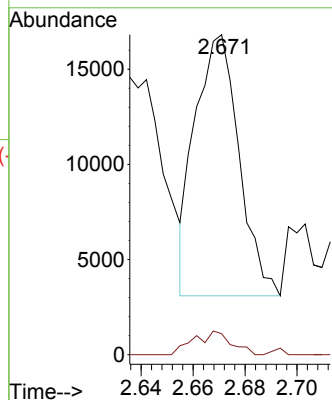
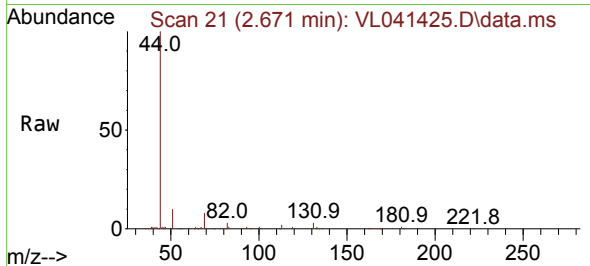




#3  
Chlorodifluoromethane  
Concen: 0.126 ppbv  
RT: 2.671 min Scan# 21  
Delta R.T. 0.016 min  
Lab File: VL041425.D  
Acq: 29 Jul 2024 12:14

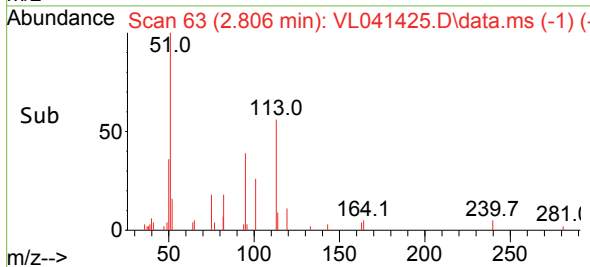
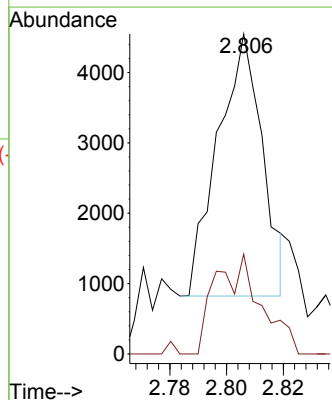
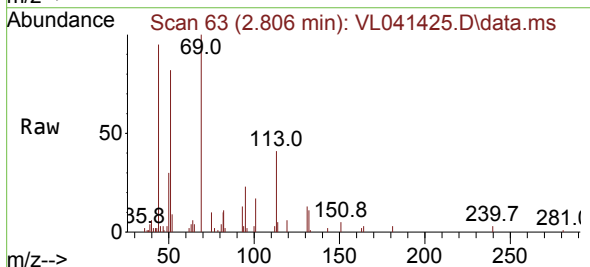
Instrument :  
MSVOA\_L  
ClientSampleId :  
ACVI-SS-01

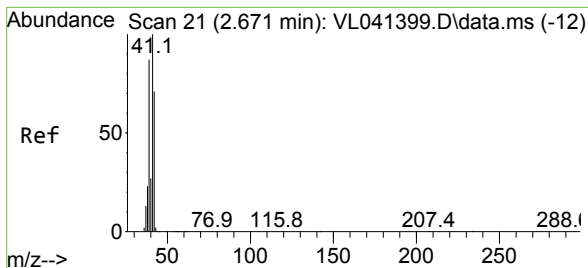
Tgt Ion: 51 Resp: 16099  
Ion Ratio Lower Upper  
51 100  
67 8.3 14.5 21.7#



#4  
Chloromethane  
Concen: 0.060 ppbv  
RT: 2.806 min Scan# 63  
Delta R.T. 0.013 min  
Lab File: VL041425.D  
Acq: 29 Jul 2024 12:14

Tgt Ion: 50 Resp: 4048  
Ion Ratio Lower Upper  
50 100  
52 38.1 26.1 39.1





#9

Propene

Concen: 8.237 ppbv

RT: 2.864 min Scan# 81

Delta R.T. 0.193 min

Lab File: VL041425.D

Acq: 29 Jul 2024 12:14

Instrument :

MSVOA\_L

ClientSampleId :

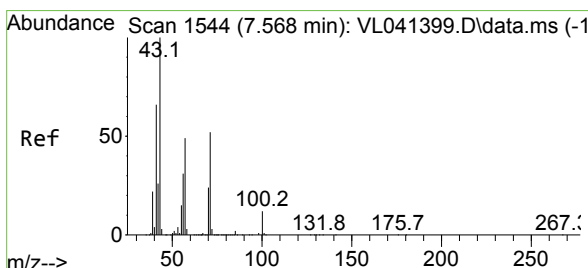
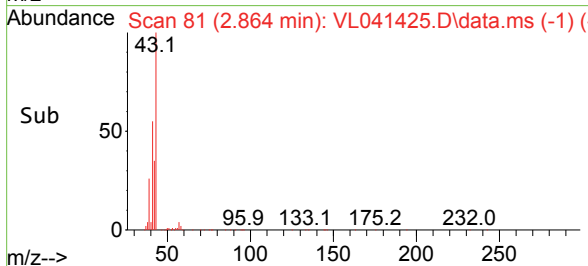
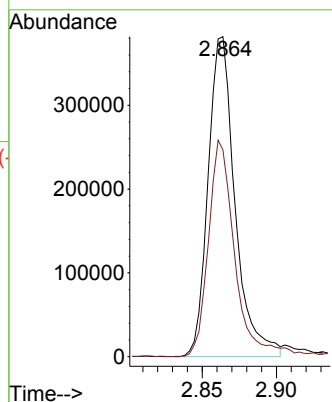
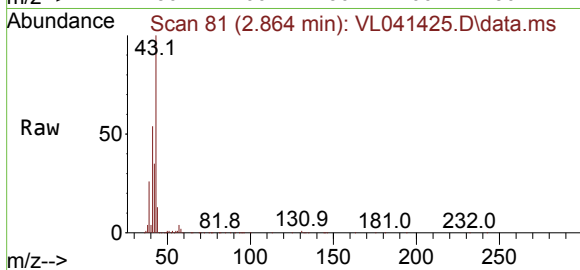
ACVI-SS-01

Tgt Ion: 41 Resp: 482192

Ion Ratio Lower Upper

41 100

42 67.7 55.9 83.9



#10

Heptane

Concen: 0.958 ppbv

RT: 7.574 min Scan# 1546

Delta R.T. 0.003 min

Lab File: VL041425.D

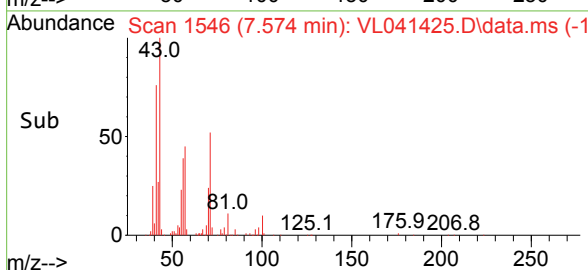
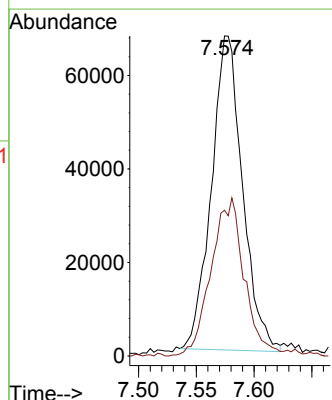
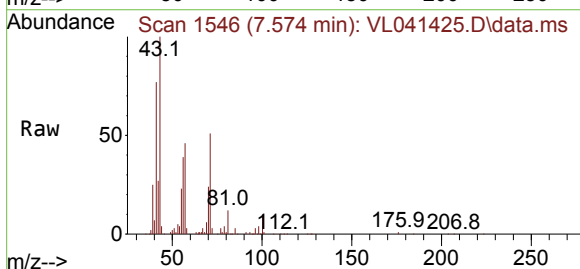
Acq: 29 Jul 2024 12:14

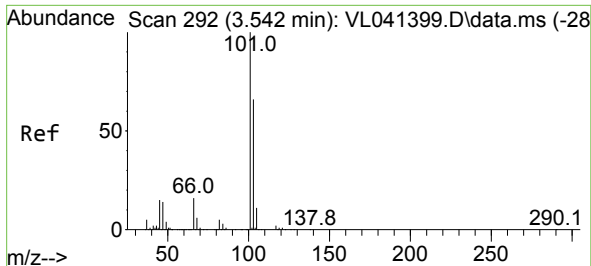
Tgt Ion: 43 Resp: 126005

Ion Ratio Lower Upper

43 100

57 54.7 40.5 60.7

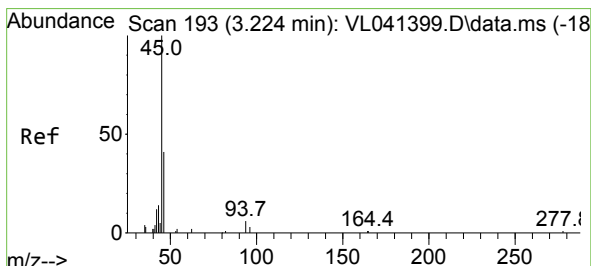
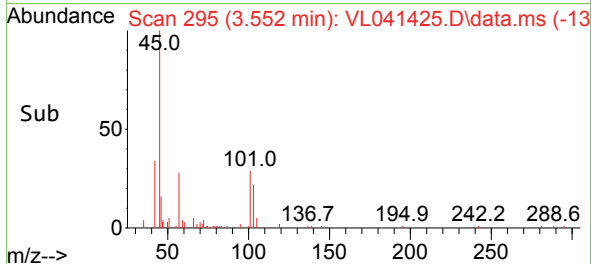
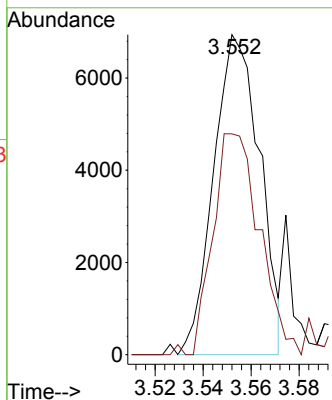
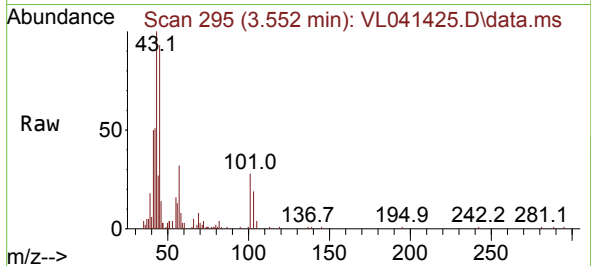




#11  
 Trichlorofluoromethane  
 Concen: 0.057 ppbv  
 RT: 3.552 min Scan# 292  
 Delta R.T. 0.006 min  
 Lab File: VL041425.D  
 Acq: 29 Jul 2024 12:14

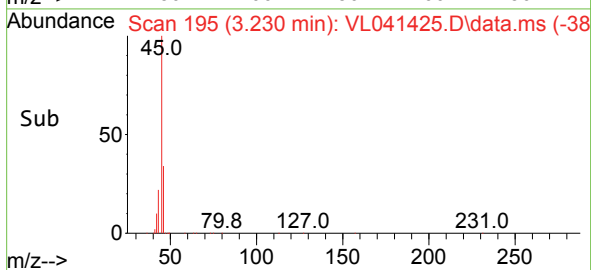
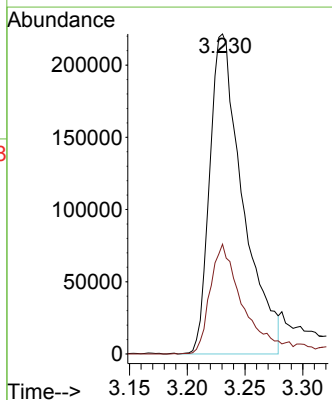
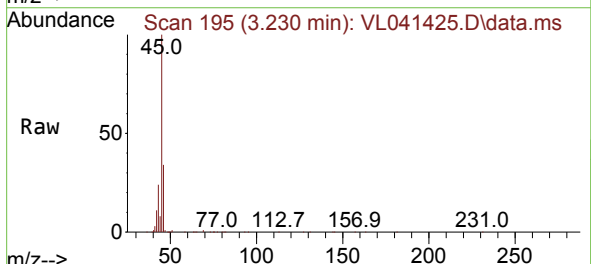
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 ACVI-SS-01

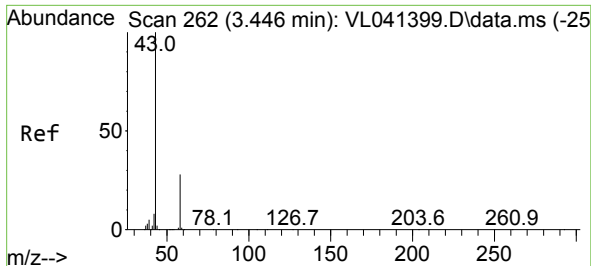
Tgt Ion:101 Resp: 9261  
 Ion Ratio Lower Upper  
 101 100  
 103 65.8 52.6 79.0



#13  
 Ethanol  
 Concen: 84.296 ppbv  
 RT: 3.230 min Scan# 195  
 Delta R.T. 0.003 min  
 Lab File: VL041425.D  
 Acq: 29 Jul 2024 12:14

Tgt Ion: 45 Resp: 441048  
 Ion Ratio Lower Upper  
 45 100  
 46 37.5 13.4 53.4

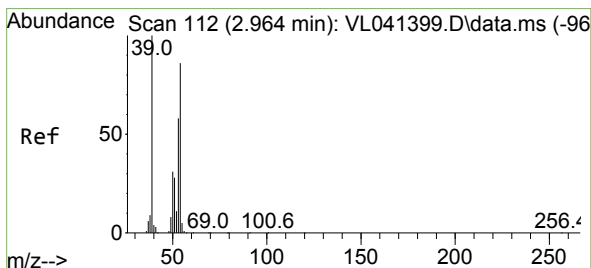
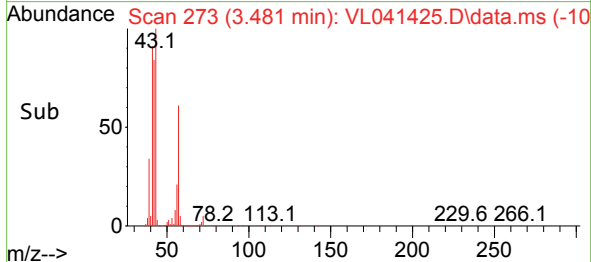
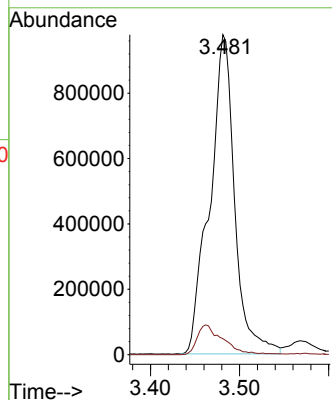
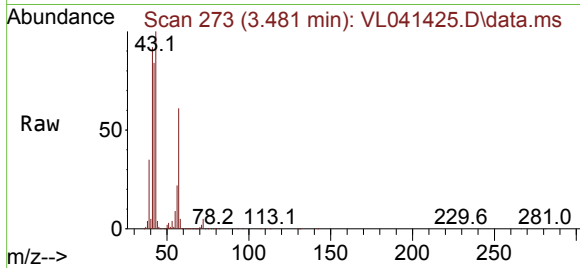




#15  
Acetone  
Concen: 15.612 ppbv  
RT: 3.481 min Scan# 21  
Delta R.T. 0.029 min  
Lab File: VL041425.D  
Acq: 29 Jul 2024 12:14

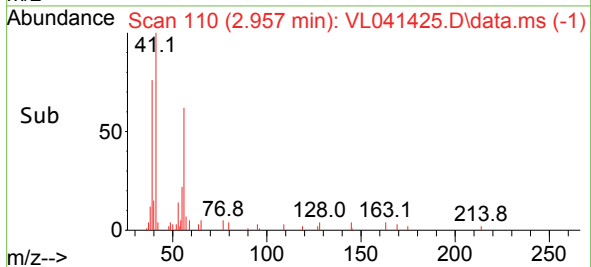
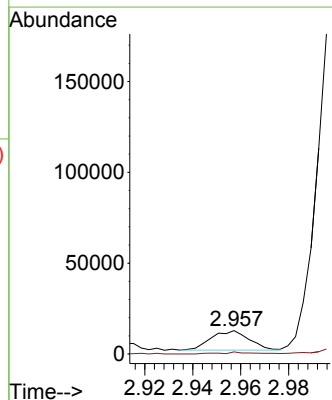
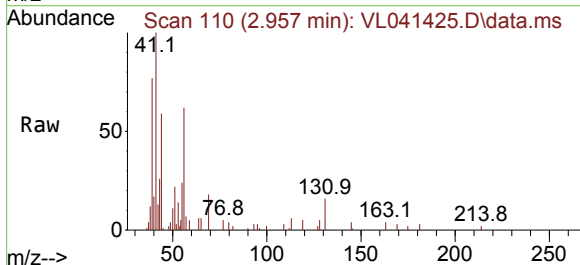
Instrument :  
MSVOA\_L  
ClientSampleId :  
ACVI-SS-01

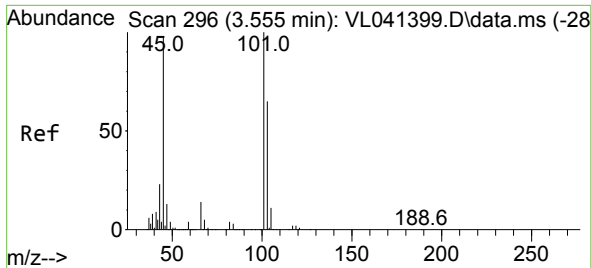
Tgt Ion: 43 Resp: 1898827  
Ion Ratio Lower Upper  
43 100  
58 9.8 21.4 32.2#



#16  
1,3-Butadiene  
Concen: 0.184 ppbv  
RT: 2.957 min Scan# 110  
Delta R.T. -0.010 min  
Lab File: VL041425.D  
Acq: 29 Jul 2024 12:14

Tgt Ion: 39 Resp: 11934  
Ion Ratio Lower Upper  
39 100  
54 0.0 62.5 93.7#





#19

Isopropyl Alcohol

Concen: 2.882 ppbv

RT: 3.568 min Scan# 300

Delta R.T. 0.006 min

Lab File: VL041425.D

Acq: 29 Jul 2024 12:14

Instrument :

MSVOA\_L

ClientSampleId :

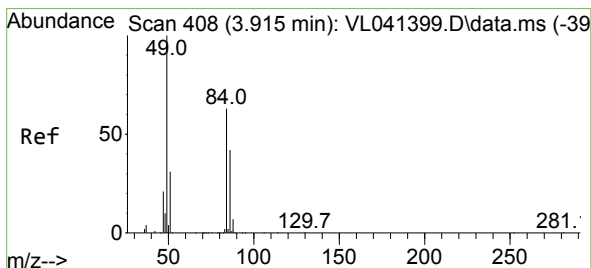
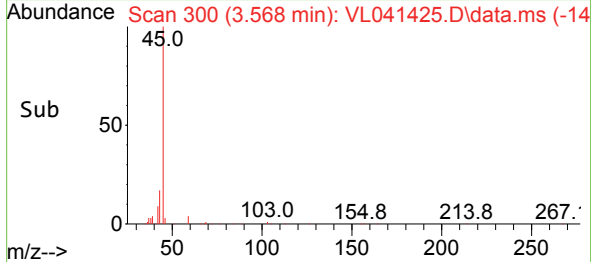
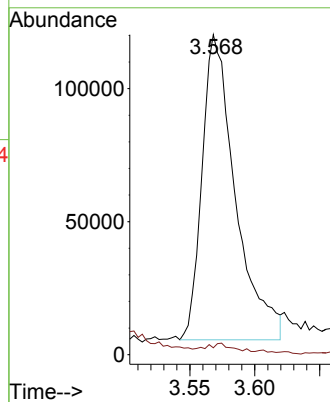
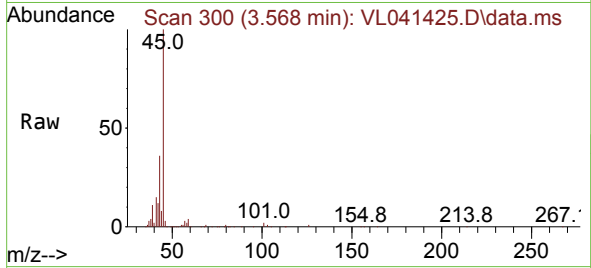
ACVI-SS-01

Tgt Ion: 45 Resp: 204895

Ion Ratio Lower Upper

45 100

58 95.6 1.9 2.9#



#20

Methylene Chloride

Concen: 14.179 ppbv

RT: 3.925 min Scan# 411

Delta R.T. 0.006 min

Lab File: VL041425.D

Acq: 29 Jul 2024 12:14

Tgt Ion: 84 Resp: 643075

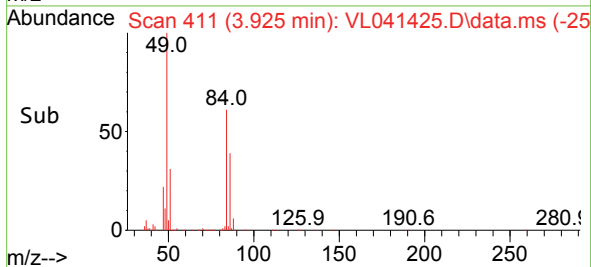
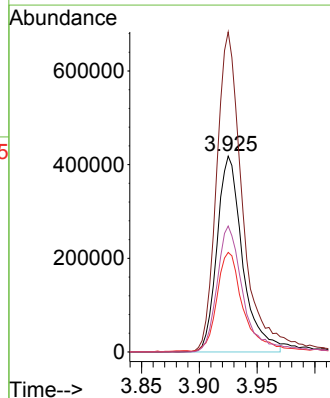
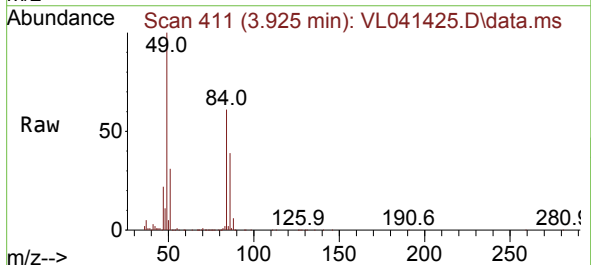
Ion Ratio Lower Upper

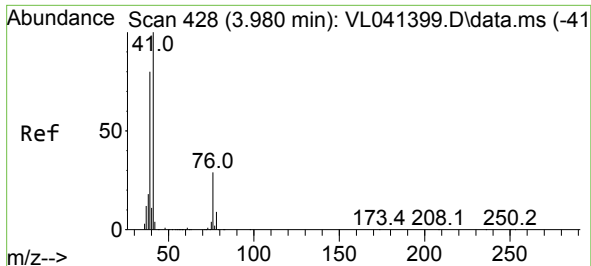
84 100

49 163.3 126.6 190.0

51 50.2 38.6 58.0

86 64.3 53.0 79.4

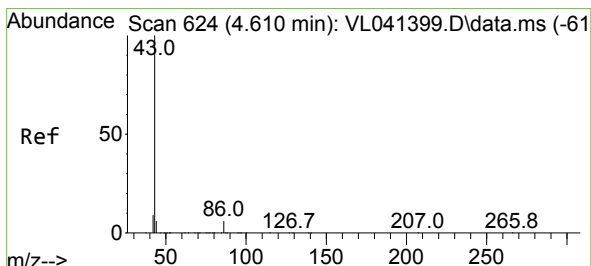
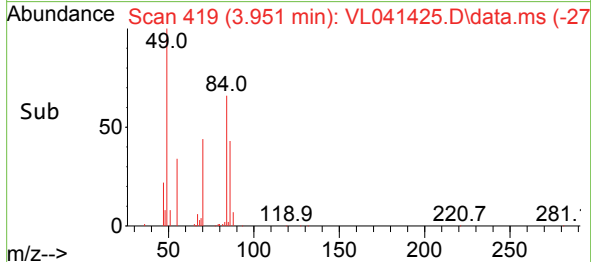
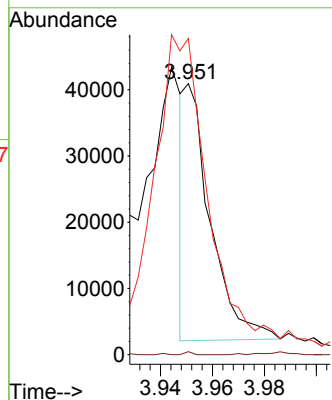
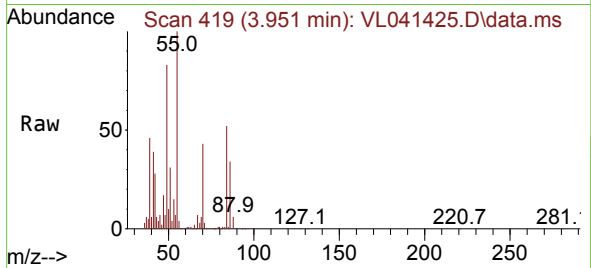




#21  
 Allyl Chloride  
 Concen: 0.334 ppbv  
 RT: 3.951 min Scan# 41  
 Delta R.T. -0.029 min  
 Lab File: VL041425.D  
 Acq: 29 Jul 2024 12:14

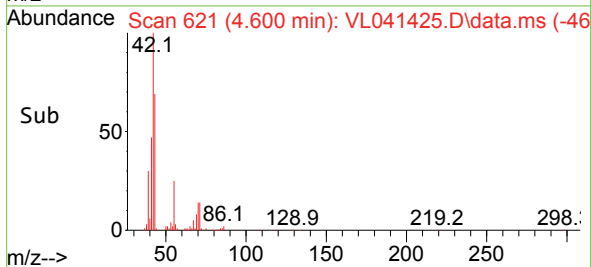
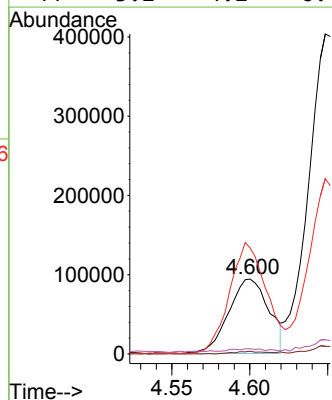
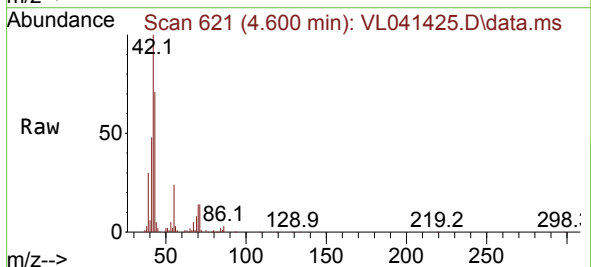
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 ACVI-SS-01

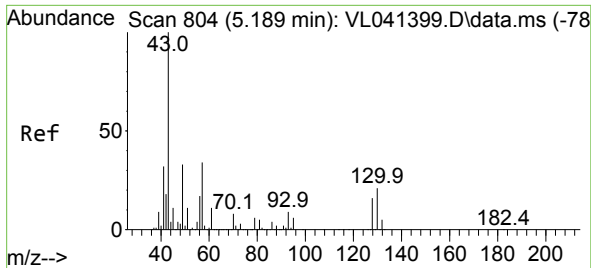
Tgt Ion: 41 Resp: 26611  
 Ion Ratio Lower Upper  
 41 100  
 76 1.1 23.7 35.5#  
 39 0.0 64.3 96.5#



#23  
 Vinyl Acetate  
 Concen: 1.812 ppbv  
 RT: 4.600 min Scan# 621  
 Delta R.T. -0.013 min  
 Lab File: VL041425.D  
 Acq: 29 Jul 2024 12:14

Tgt Ion: 43 Resp: 168338  
 Ion Ratio Lower Upper  
 43 100  
 86 3.6 4.6 6.8#  
 42 141.9 7.9 11.9#  
 44 3.2 4.2 6.4#

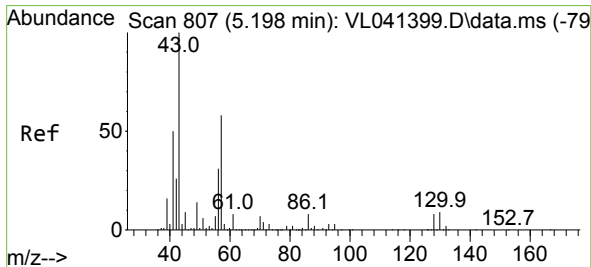
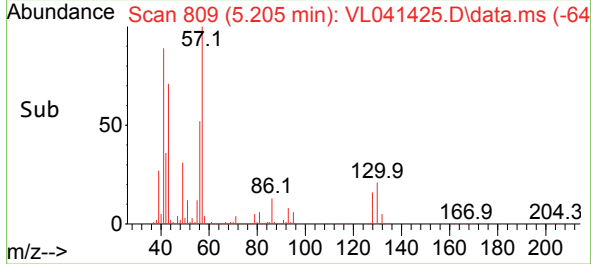
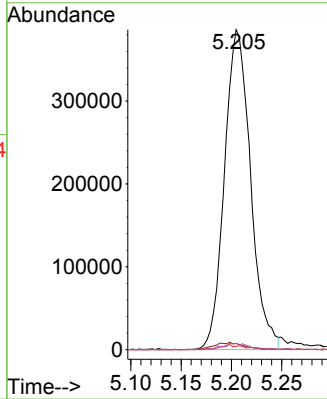
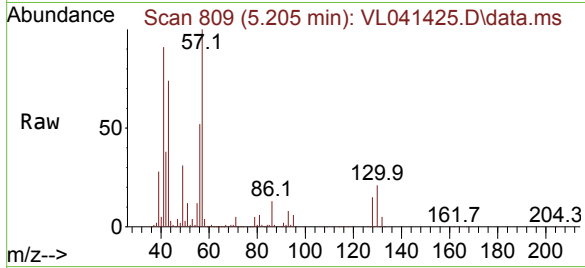




#25  
Ethyl Acetate  
Concen: 2.882 ppbv  
RT: 5.205 min Scan# 80  
Delta R.T. 0.013 min  
Lab File: VL041425.D  
Acq: 29 Jul 2024 12:14

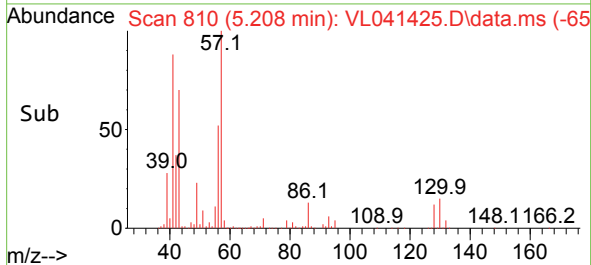
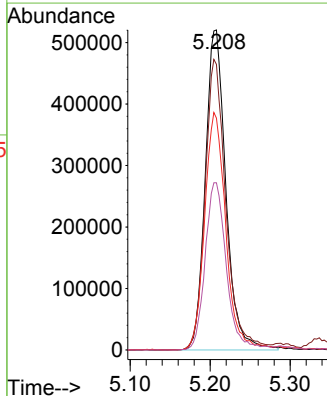
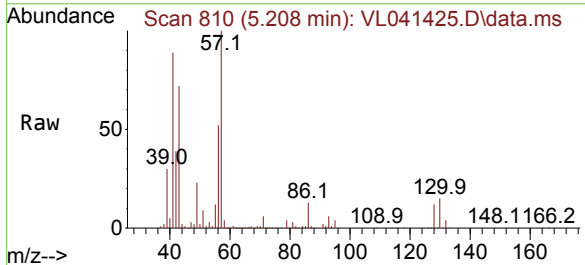
Instrument :  
MSVOA\_L  
ClientSampleId :  
ACVI-SS-01

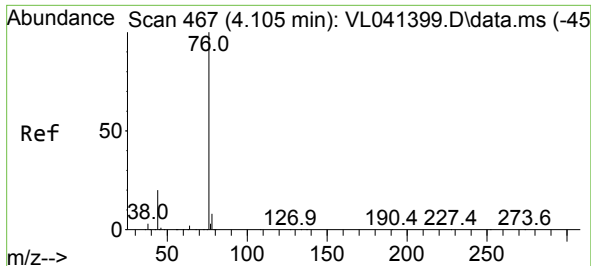
Tgt Ion: 43 Resp: 696446  
Ion Ratio Lower Upper  
43 100  
45 2.9 8.5 12.7#  
61 1.6 8.0 12.0#  
70 2.1 5.9 8.9#



#26  
Hexane  
Concen: 9.318 ppbv  
RT: 5.208 min Scan# 810  
Delta R.T. 0.010 min  
Lab File: VL041425.D  
Acq: 29 Jul 2024 12:14

Tgt Ion: 57 Resp: 933952  
Ion Ratio Lower Upper  
57 100  
41 94.2 74.0 111.0  
43 77.2 193.6 290.4#  
56 55.5 43.1 64.7





#27

Carbon Disulfide

Concen: 0.042 ppbv

RT: 4.115 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041425.D

Acq: 29 Jul 2024 12:14

Instrument :

MSVOA\_L

ClientSampleId :

ACVI-SS-01

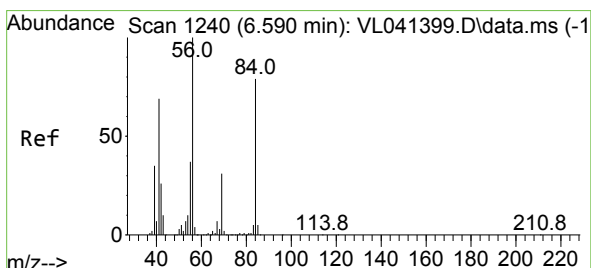
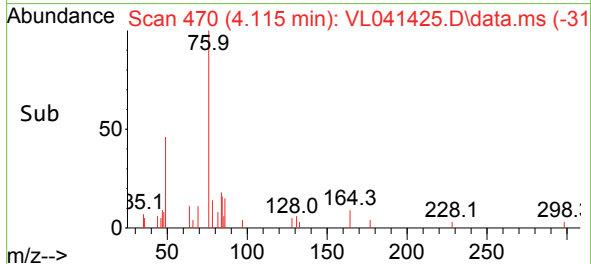
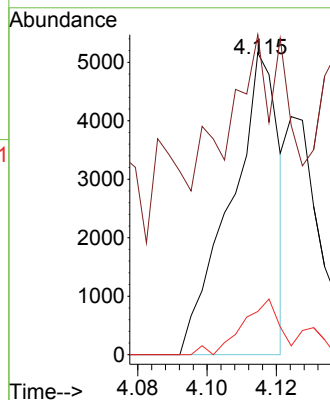
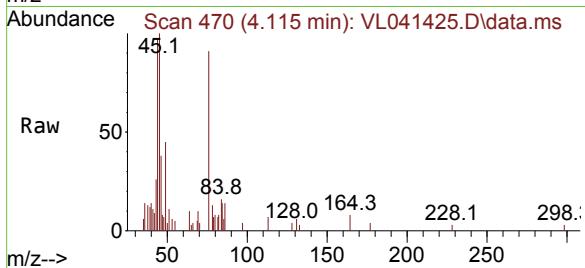
Tgt Ion: 76 Resp: 4942

Ion Ratio Lower Upper

76 100

44 136.5 15.6 23.4#

78 20.7 7.7 11.5#



#30

Cyclohexane

Concen: 0.566 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VL041425.D

Acq: 29 Jul 2024 12:14

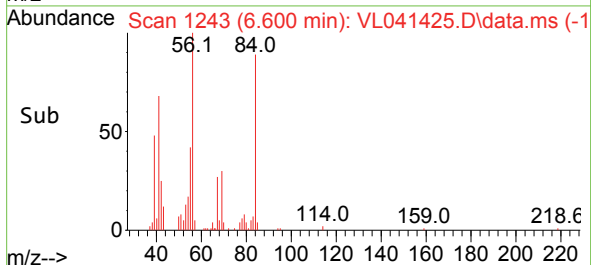
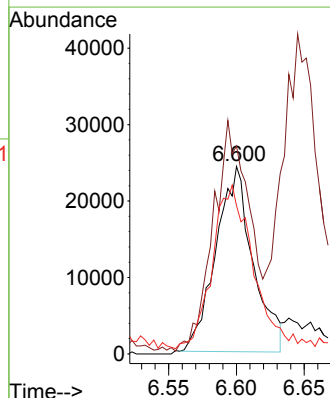
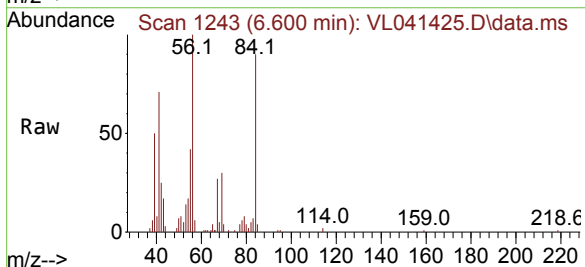
Tgt Ion: 84 Resp: 46166

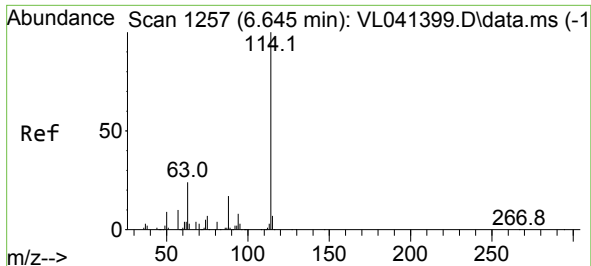
Ion Ratio Lower Upper

84 100

56 125.5 111.2 166.8

41 100.6 70.3 105.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL041425.D

Acq: 29 Jul 2024 12:14

Instrument :

MSVOA\_L

ClientSampleId :

ACVI-SS-01

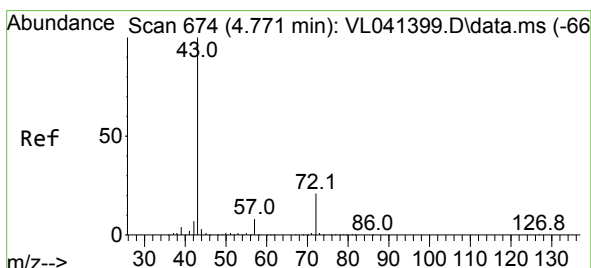
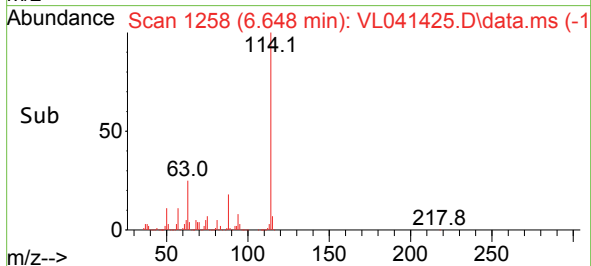
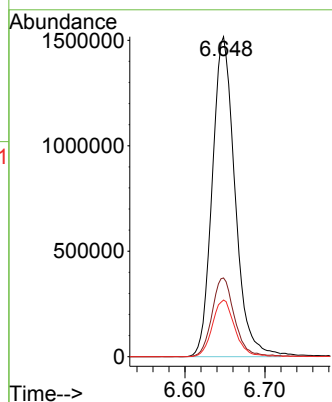
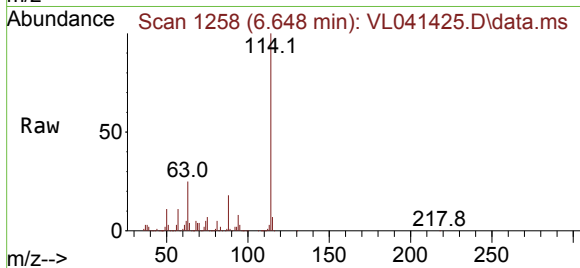
Tgt Ion:114 Resp: 2985146

Ion Ratio Lower Upper

114 100

63 24.8 20.3 30.5

88 17.8 14.3 21.5



#34

2-Butanone

Concen: 0.281 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.006 min

Lab File: VL041425.D

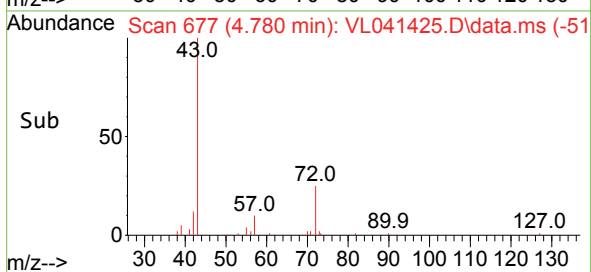
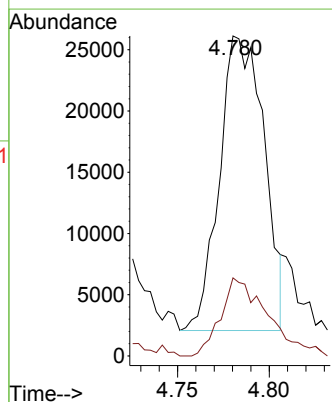
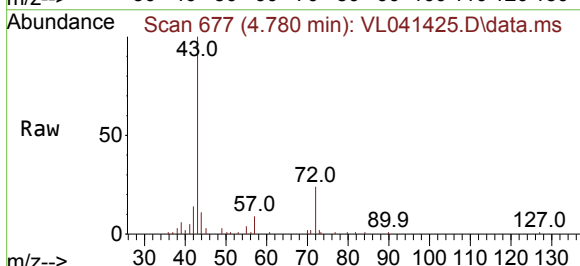
Acq: 29 Jul 2024 12:14

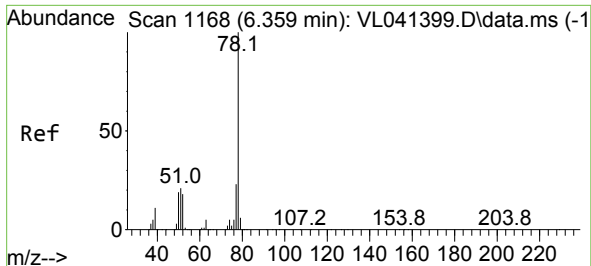
Tgt Ion: 43 Resp: 40623

Ion Ratio Lower Upper

43 100

72 29.2 17.3 25.9#

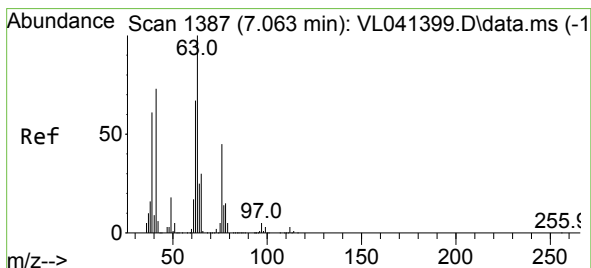
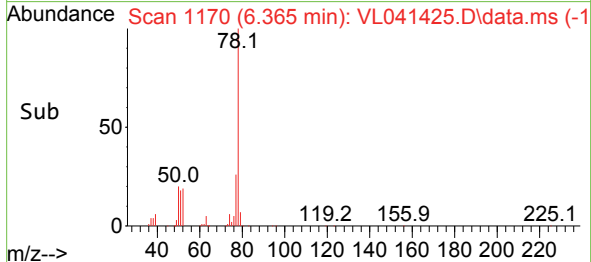
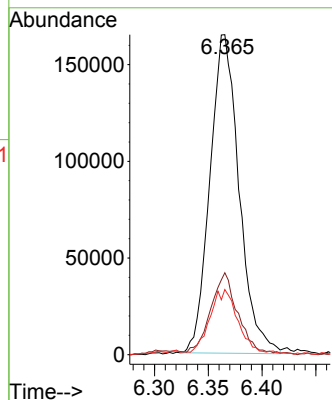
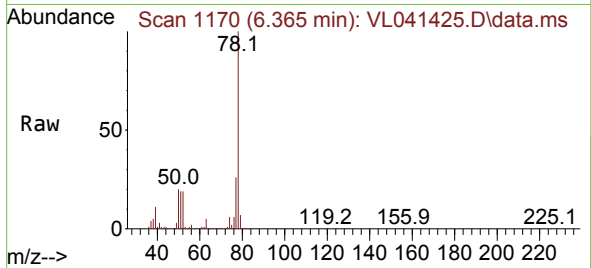




#36  
Benzene  
Concen: 1.424 ppbv  
RT: 6.365 min Scan# 1168  
Delta R.T. 0.006 min  
Lab File: VL041425.D  
Acq: 29 Jul 2024 12:14

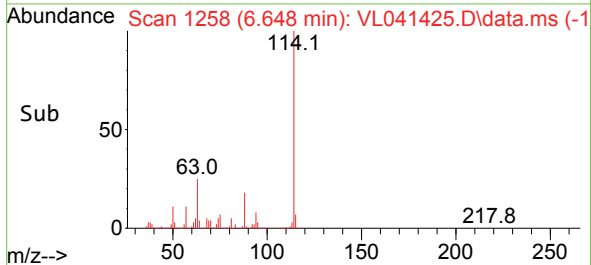
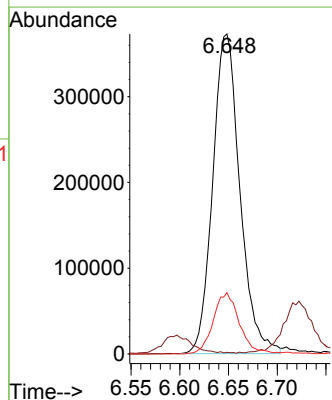
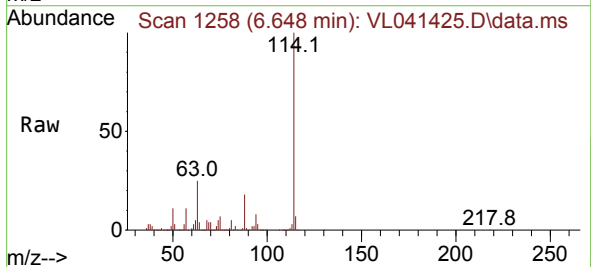
Instrument :  
MSVOA\_L  
ClientSampleId :  
ACVI-SS-01

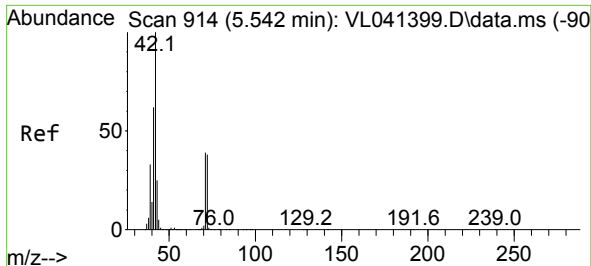
Tgt Ion: 78 Resp: 310599  
Ion Ratio Lower Upper  
78 100  
77 25.2 18.1 27.1  
50 20.0 15.5 23.3



#39  
1,2-Dichloropropane  
Concen: 8.662 ppbv  
RT: 6.648 min Scan# 1258  
Delta R.T. -0.415 min  
Lab File: VL041425.D  
Acq: 29 Jul 2024 12:14

Tgt Ion: 63 Resp: 723372  
Ion Ratio Lower Upper  
63 100  
41 0.0 58.3 87.5#  
62 19.0 53.9 80.9#





#41

Tetrahydrofuran

Concen: 0.778 ppbv

RT: 5.809 min Scan# 914

Delta R.T. 0.264 min

Lab File: VL041425.D

Acq: 29 Jul 2024 12:14

Instrument :

MSVOA\_L

ClientSampleId :

ACVI-SS-01

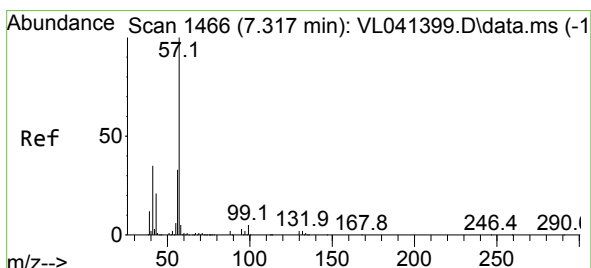
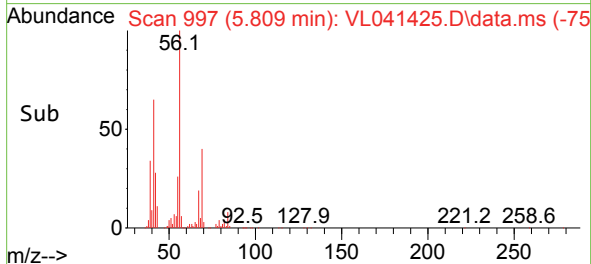
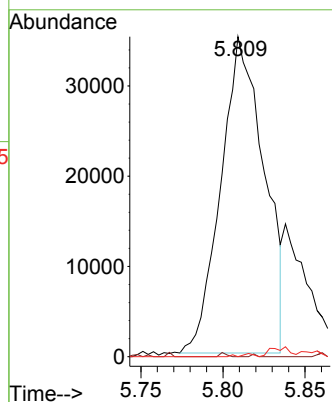
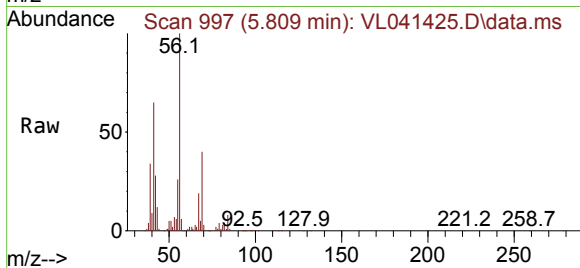
Tgt Ion: 42 Resp: 64284

Ion Ratio Lower Upper

42 100

72 0.3 31.2 46.8#

71 0.0 30.5 45.7#



#44

2,2,4-Trimethylpentane

Concen: 0.700 ppbv

RT: 7.320 min Scan# 1467

Delta R.T. 0.003 min

Lab File: VL041425.D

Acq: 29 Jul 2024 12:14

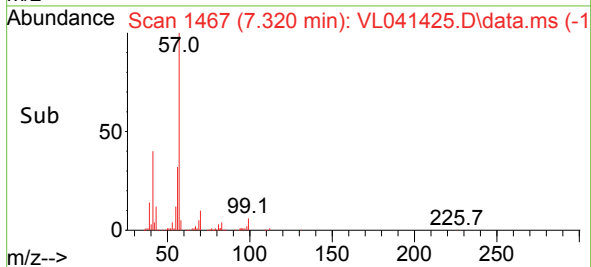
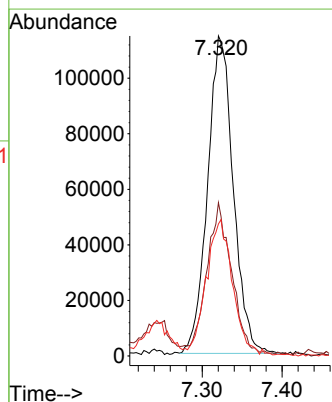
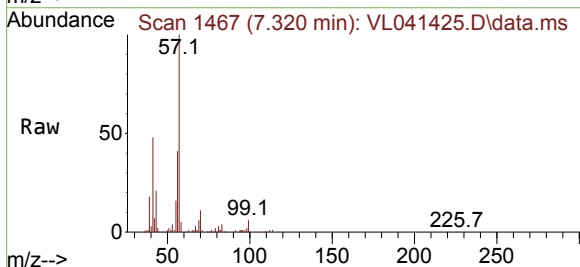
Tgt Ion: 57 Resp: 255126

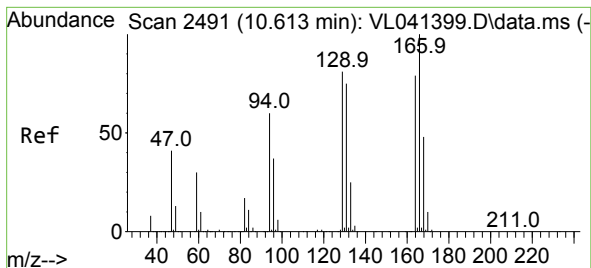
Ion Ratio Lower Upper

57 100

41 47.2 27.0 40.6#

56 45.3 25.2 37.8#





#52

Tetrachloroethene

Concen: 0.136 ppbv

RT: 10.610 min Scan# 2491

Delta R.T. 0.000 min

Lab File: VL041425.D

Acq: 29 Jul 2024 12:14

Instrument :

MSVOA\_L

ClientSampleId :

ACVI-SS-01

Tgt Ion:164 Resp: 11440

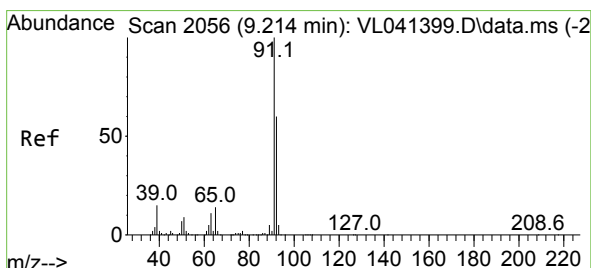
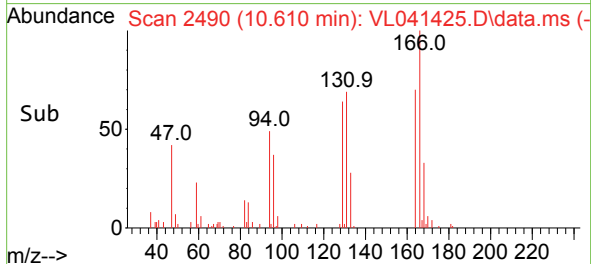
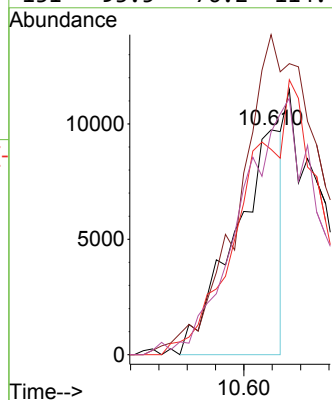
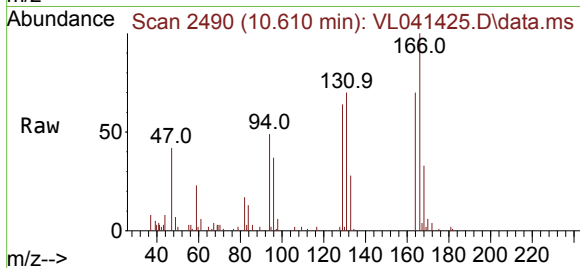
Ion Ratio Lower Upper

164 100

166 133.0 101.1 151.7

129 85.6 81.7 122.5

131 93.5 76.2 114.4



#53

Toluene

Concen: 5.639 ppbv

RT: 9.217 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VL041425.D

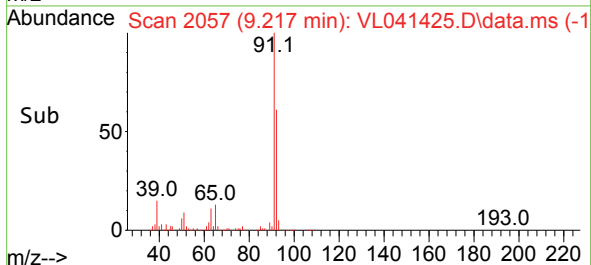
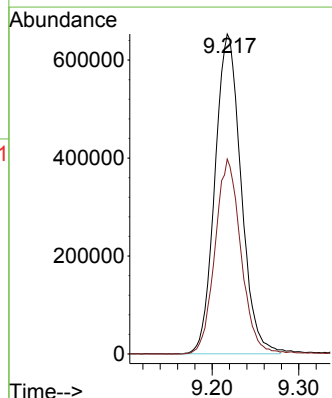
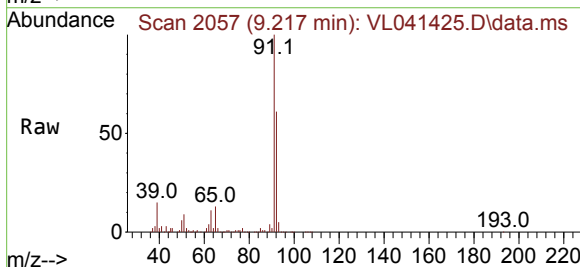
Acq: 29 Jul 2024 12:14

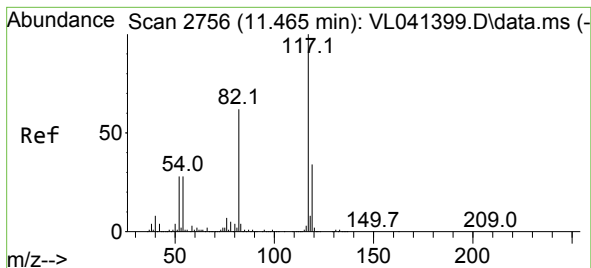
Tgt Ion: 91 Resp: 1370088

Ion Ratio Lower Upper

91 100

92 60.7 48.7 73.1

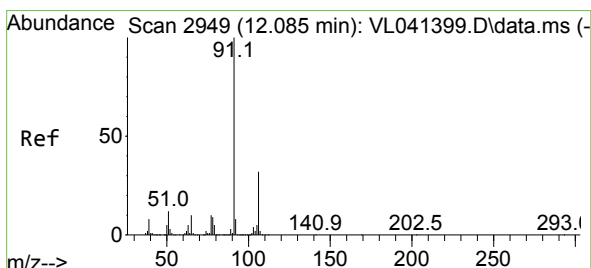
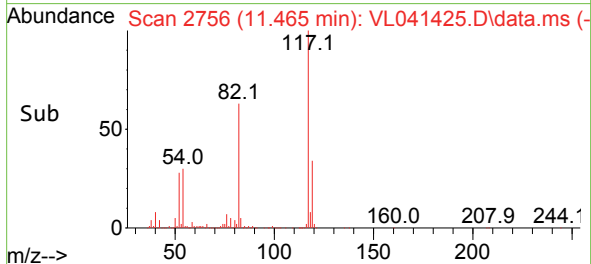
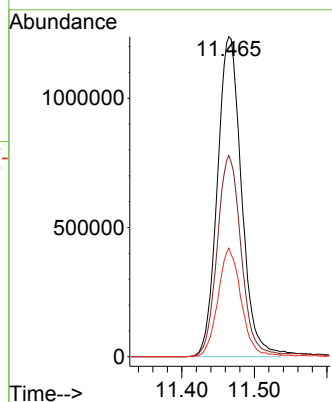
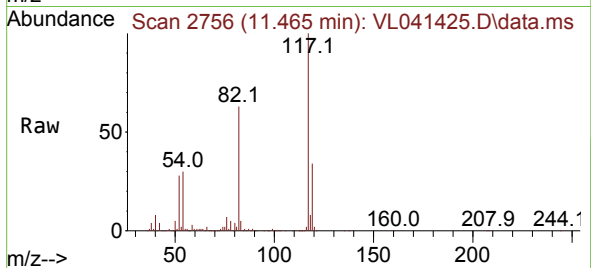




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 11.465 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VL041425.D  
Acq: 29 Jul 2024 12:14

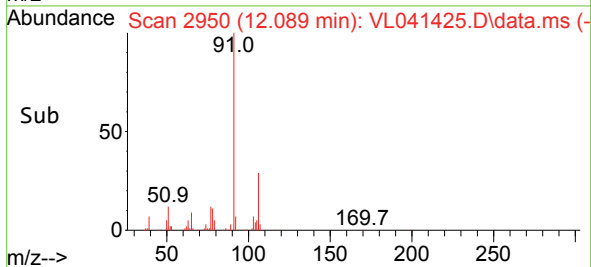
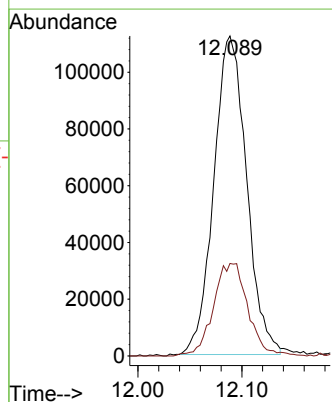
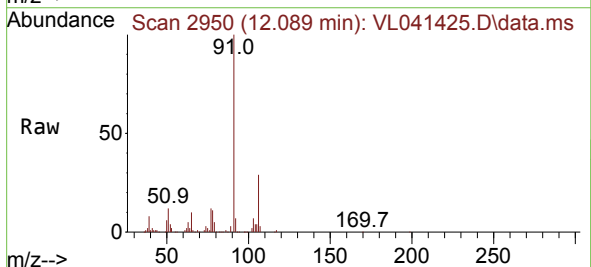
Instrument :  
MSVOA\_L  
ClientSampleId :  
ACVI-SS-01

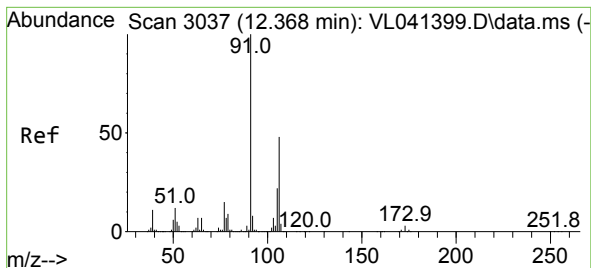
Tgt Ion:117 Resp: 2858080  
Ion Ratio Lower Upper  
117 100  
82 64.4 51.0 76.6  
119 33.3 45.2 67.8#



#58  
Ethyl Benzene  
Concen: 0.747 ppbv  
RT: 12.089 min Scan# 2950  
Delta R.T. 0.003 min  
Lab File: VL041425.D  
Acq: 29 Jul 2024 12:14

Tgt Ion: 91 Resp: 246069  
Ion Ratio Lower Upper  
91 100  
106 28.4 25.8 38.8





#59

m/p-Xylene

Concen: 2.694 ppbv

RT: 12.343 min Scan# 3037

Delta R.T. -0.026 min

Lab File: VL041425.D

Acq: 29 Jul 2024 12:14

Instrument :

MSVOA\_L

ClientSampleId :

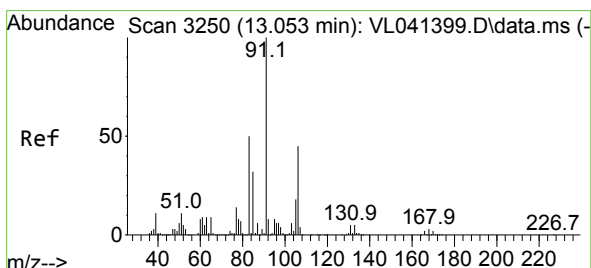
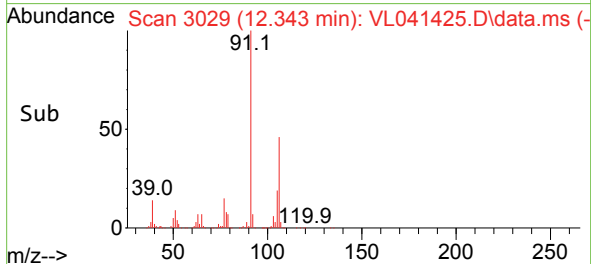
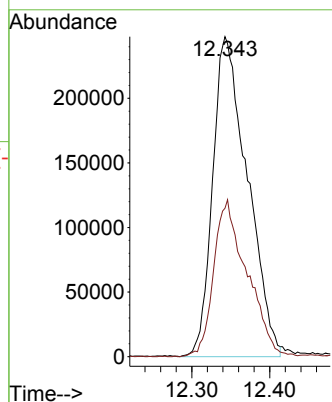
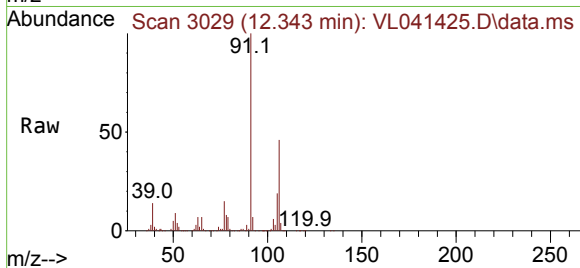
ACVI-SS-01

Tgt Ion: 91 Resp: 766157

Ion Ratio Lower Upper

91 100

106 47.1 36.3 54.5



#60

o-Xylene

Concen: 0.978 ppbv

RT: 13.060 min Scan# 3252

Delta R.T. 0.003 min

Lab File: VL041425.D

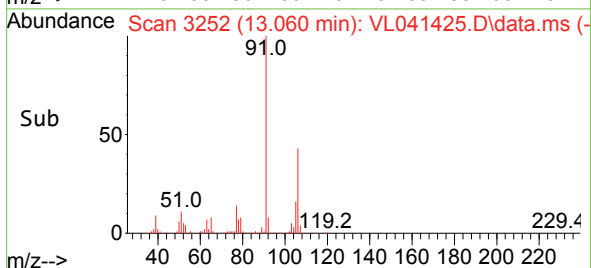
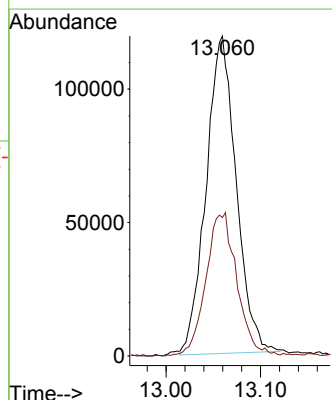
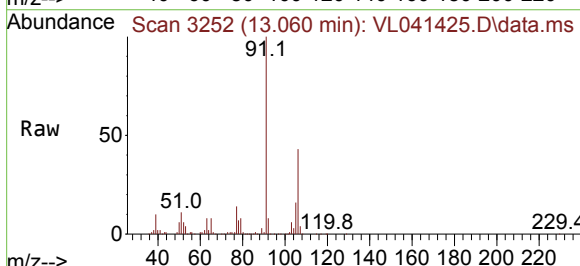
Acq: 29 Jul 2024 12:14

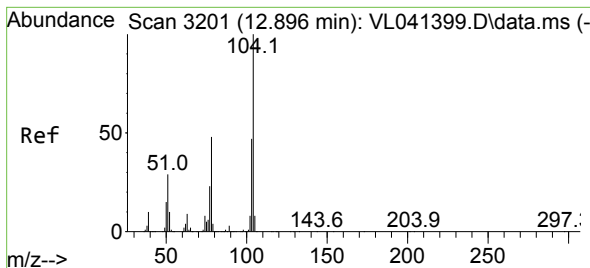
Tgt Ion: 91 Resp: 263146

Ion Ratio Lower Upper

91 100

106 46.8 23.1 69.3





#61

Styrene

Concen: 0.334 ppbv

RT: 12.899 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041425.D

Acq: 29 Jul 2024 12:14

Instrument :

MSVOA\_L

ClientSampleId :

ACVI-SS-01

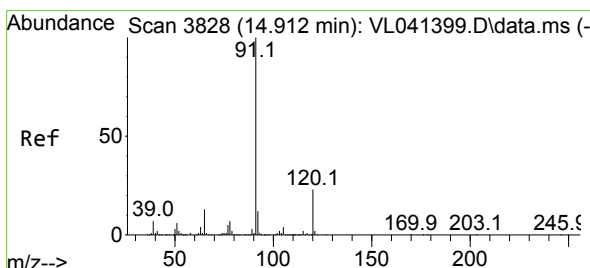
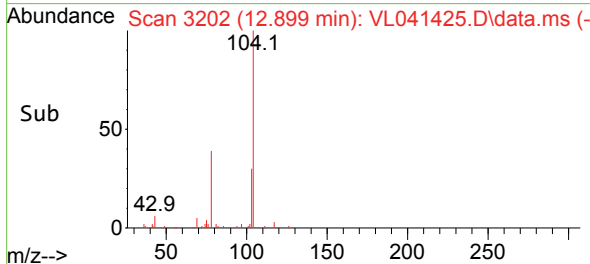
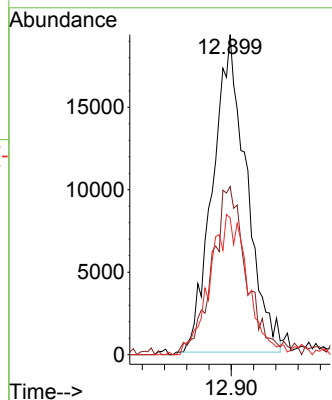
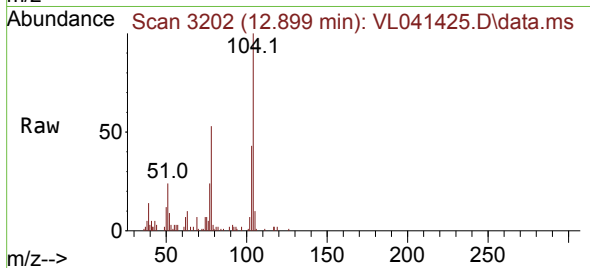
Tgt Ion:104 Resp: 40558

Ion Ratio Lower Upper

104 100

78 55.1 40.8 61.2

103 50.9 38.2 57.4



#64

n-propylbenzene

Concen: 0.090 ppbv

RT: 14.918 min Scan# 3830

Delta R.T. 0.003 min

Lab File: VL041425.D

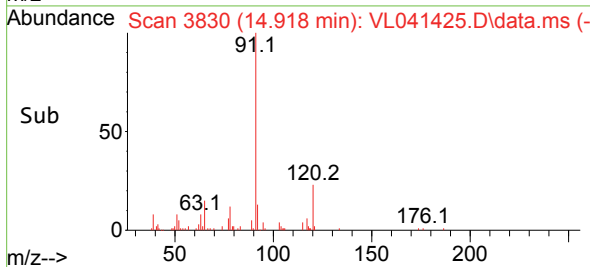
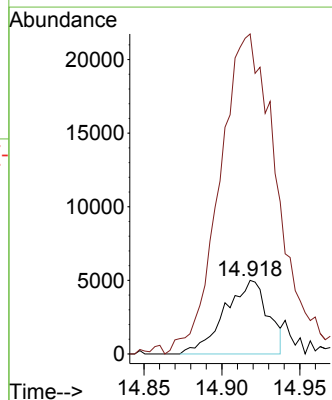
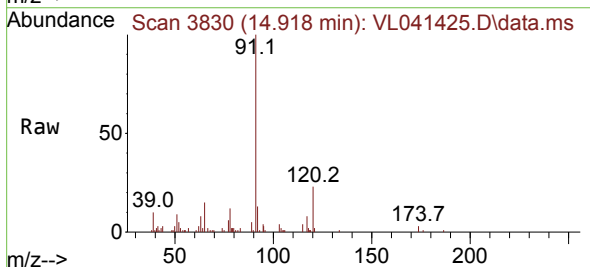
Acq: 29 Jul 2024 12:14

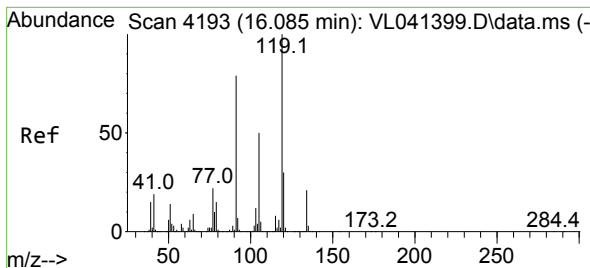
Tgt Ion:120 Resp: 9653

Ion Ratio Lower Upper

120 100

91 605.4 361.4 542.0#

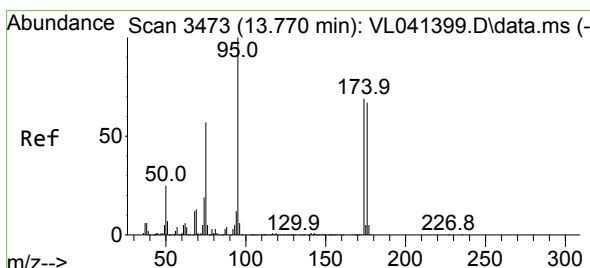
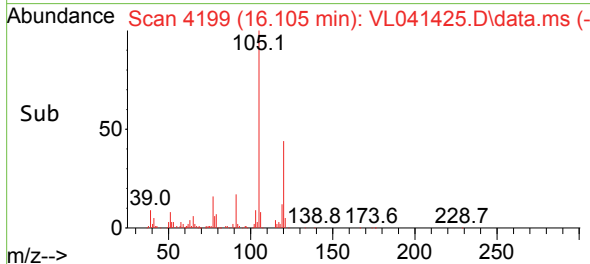
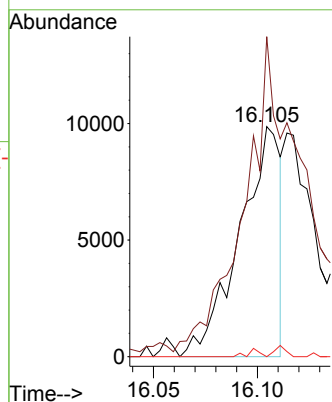
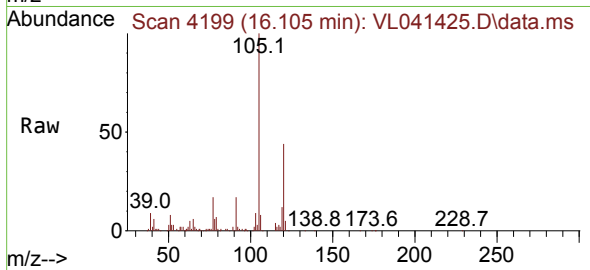




#65  
tert-Butylbenzene  
Concen: 0.036 ppbv  
RT: 16.105 min Scan# 4193  
Delta R.T. 0.013 min  
Lab File: VL041425.D  
Acq: 29 Jul 2024 12:14

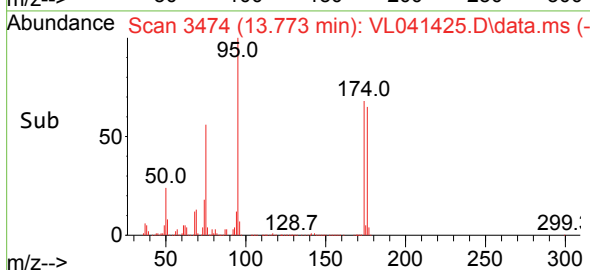
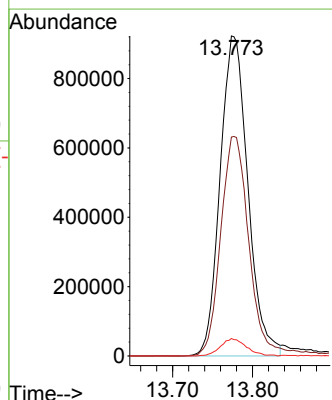
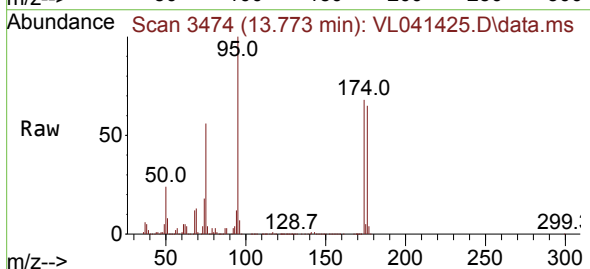
Instrument :  
MSVOA\_L  
ClientSampleId :  
ACVI-SS-01

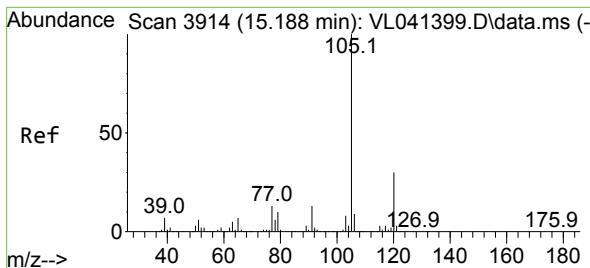
Tgt Ion:119 Resp: 13412  
Ion Ratio Lower Upper  
119 100  
91 212.2 64.2 96.2#  
134 0.0 15.7 23.5#



#68  
1-Bromo-4-Fluorobenzene  
Concen: 10.120 ppbv  
RT: 13.773 min Scan# 3474  
Delta R.T. 0.000 min  
Lab File: VL041425.D  
Acq: 29 Jul 2024 12:14

Tgt Ion: 95 Resp: 2225855  
Ion Ratio Lower Upper  
95 100  
174 71.8 56.3 84.5  
175 5.1 4.0 6.0





#72

4-Ethyltoluene

Concen: 0.123 ppbv

RT: 15.195 min Scan# 3916

Delta R.T. 0.003 min

Lab File: VL041425.D

Acq: 29 Jul 2024 12:14

Instrument :

MSVOA\_L

ClientSampleId :

ACVI-SS-01

Tgt Ion:105 Resp: 39016

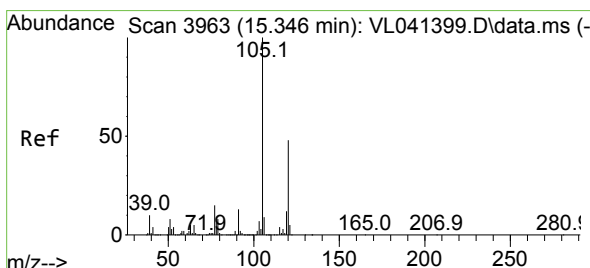
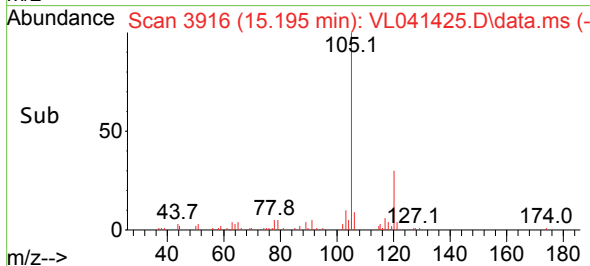
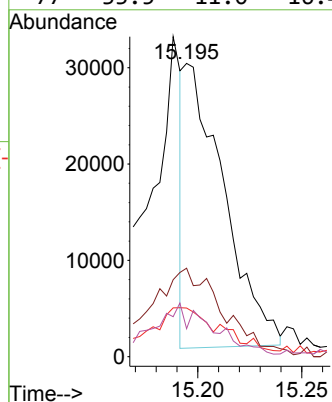
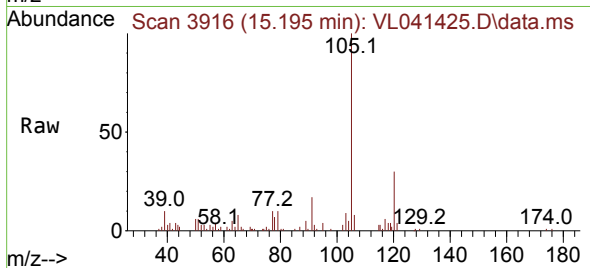
Ion Ratio Lower Upper

105 100

120 56.8 24.2 36.2#

91 34.0 10.4 15.6#

77 33.5 11.0 16.4#



#73

1,3,5-Trimethylbenzene

Concen: 0.167 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. 0.006 min

Lab File: VL041425.D

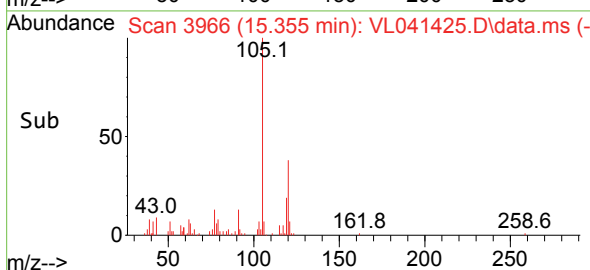
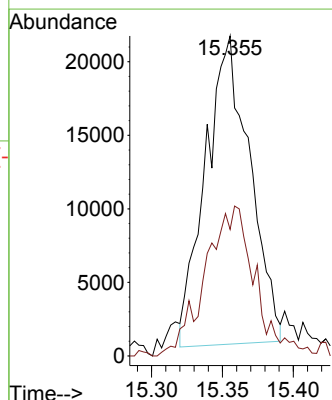
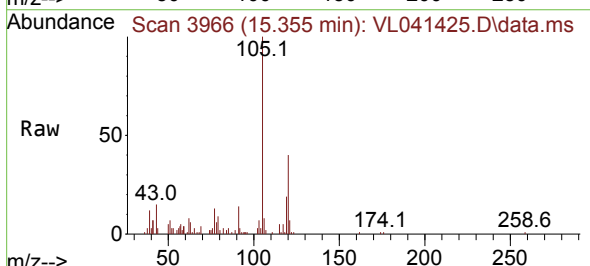
Acq: 29 Jul 2024 12:14

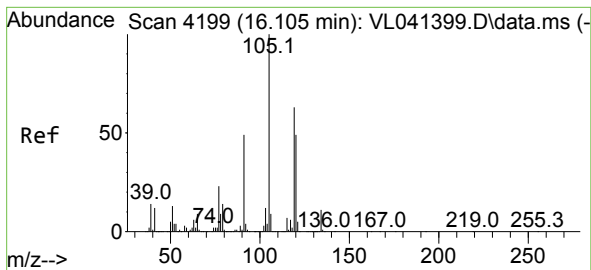
Tgt Ion:105 Resp: 45631

Ion Ratio Lower Upper

105 100

120 39.3 38.6 57.8





#74

1,2,4-Trimethylbenzene

Concen: 0.668 ppbv

RT: 16.108 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041425.D

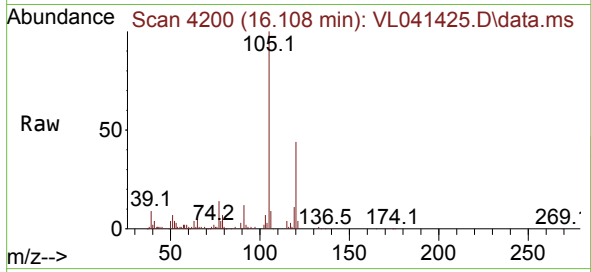
Acq: 29 Jul 2024 12:14

Instrument :

MSVOA\_L

ClientSampleId :

ACVI-SS-01



Tgt Ion:105 Resp: 211883

Ion Ratio Lower Upper

105 100

120 44.5 39.5 59.3

91 11.0 39.8 59.8#

77 13.5 18.2 27.4#

