

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL072924\  
 Data File : VL041435.D  
 Acq On : 29 Jul 2024 19:02  
 Operator : SY/MD  
 Sample : P3342-12 4X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 ACVI-SS-06

Quant Time: Jul 30 02:53:02 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   | 5.192  | 49   | 1114611  | 10.000 | ppbv  | 0.01     |
| 33) 1,4-Difluorobenzene | 6.651  | 114  | 3038335  | 10.000 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 11.468 | 117  | 2843572  | 10.000 | ppbv  | # 0.00   |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.777 | 95    | 2248620  | 10.276   | ppbv | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 102.800% |

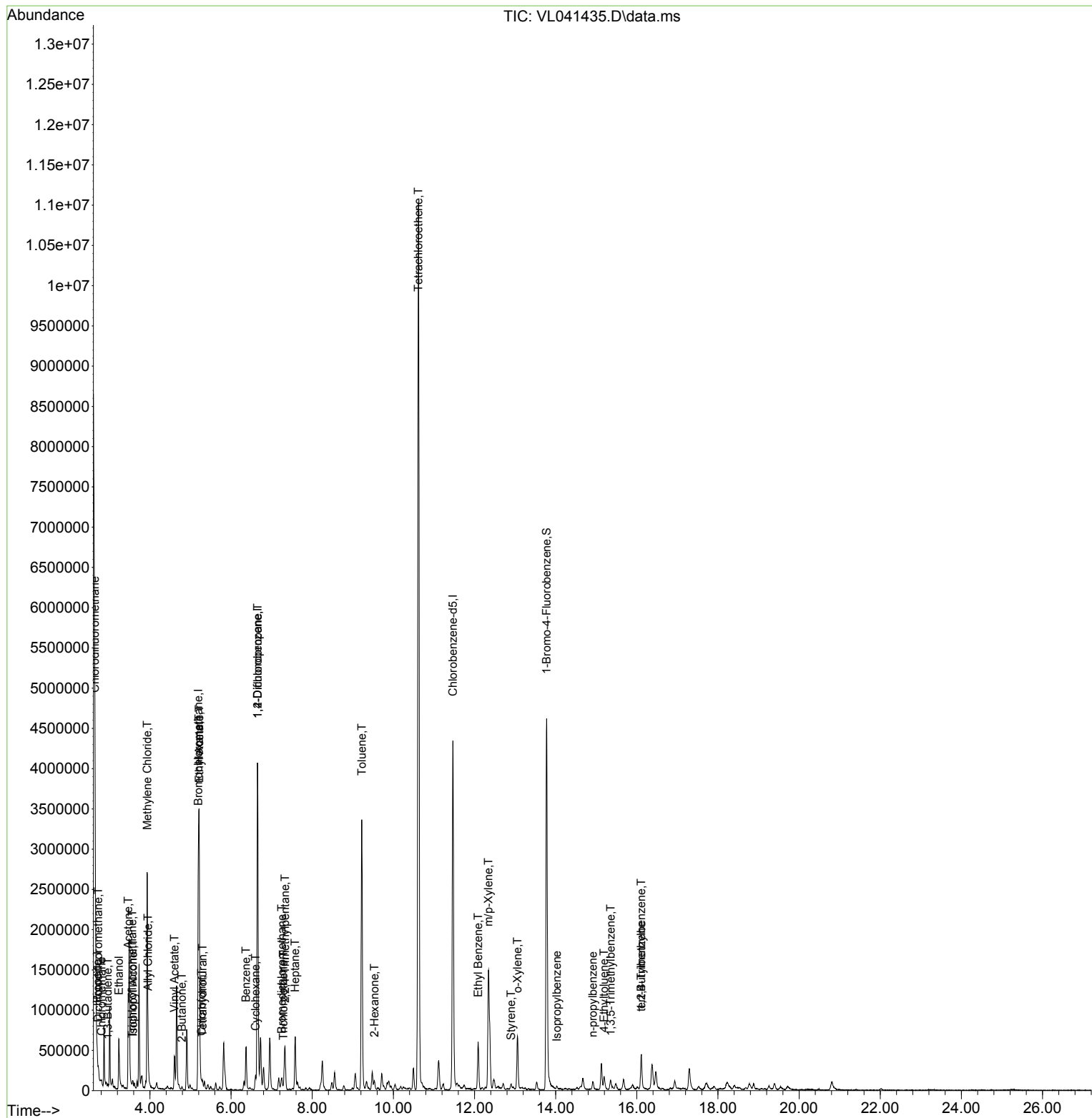
| Target Compounds           | R.T.   | QIon | Response | Conc    | Units  | Qvalue |
|----------------------------|--------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane | 2.725  | 85   | 25659    | 0.134   | ppbv   | 99     |
| 3) Chlorodifluoromethane   | 2.645  | 51   | 157965   | 1.190   | ppbv # | 62     |
| 4) Chloromethane           | 2.809  | 50   | 17161    | 0.243   | ppbv   | 93     |
| 9) Propene                 | 2.700  | 41   | 26853    | 0.441   | ppbv   | 84     |
| 10) Heptane                | 7.581  | 43   | 264610   | 1.932   | ppbv   | 99     |
| 11) Trichlorofluoromethane | 3.565  | 101  | 8346     | 0.049   | ppbv   | 93     |
| 13) Ethanol                | 3.237  | 45   | 674114   | 123.737 | ppbv   | 98     |
| 15) Acetone                | 3.465  | 43   | 1008470  | 7.963   | ppbv   | 92     |
| 16) 1,3-Butadiene          | 2.960  | 39   | 8710     | 0.129   | ppbv # | 10     |
| 19) Isopropyl Alcohol      | 3.584  | 45   | 85837    | 1.159   | ppbv # | 1      |
| 20) Methylene Chloride     | 3.934  | 84   | 850921   | 18.018  | ppbv   | 96     |
| 21) Allyl Chloride         | 3.954  | 41   | 36957    | 0.445   | ppbv # | 46     |
| 23) Vinyl Acetate          | 4.606  | 43   | 143517   | 1.484   | ppbv # | 1      |
| 25) Ethyl Acetate          | 5.214  | 43   | 802921   | 3.191   | ppbv # | 82     |
| 26) Hexane                 | 5.211  | 57   | 1143570  | 10.957  | ppbv # | 38     |
| 29) Chloroform             | 5.275  | 83   | 16343    | 0.096   | ppbv   | 83     |
| 30) Cyclohexane            | 6.603  | 84   | 52222    | 0.614   | ppbv   | 87     |
| 34) 2-Butanone             | 4.787  | 43   | 22860    | 0.156   | ppbv # | 51     |
| 36) Benzene                | 6.368  | 78   | 435245   | 1.960   | ppbv   | 97     |
| 38) Trichloroethene        | 7.288  | 130  | 4606     | 0.045   | ppbv # | 56     |
| 39) 1,2-Dichloropropane    | 6.651  | 63   | 740867   | 8.716   | ppbv # | 25     |
| 41) Tetrahydrofuran        | 5.295  | 42   | 10777    | 0.128   | ppbv # | 38     |
| 42) Bromodichloromethane   | 7.249  | 83   | 9592     | 0.053   | ppbv # | 28     |
| 44) 2,2,4-Trimethylpentane | 7.330  | 57   | 416754   | 1.124   | ppbv # | 81     |
| 51) 2-Hexanone             | 9.536  | 43   | 18624    | 0.106   | ppbv # | 30     |
| 52) Tetrachloroethene      | 10.619 | 164  | 2946479  | 34.347  | ppbv   | 98     |
| 53) Toluene                | 9.220  | 91   | 2655944  | 10.740  | ppbv   | 100    |
| 58) Ethyl Benzene          | 12.088 | 91   | 515887   | 1.574   | ppbv   | 97     |
| 59) m/p-Xylene             | 12.342 | 91   | 1571480  | 5.554   | ppbv   | 97     |
| 60) o-Xylene               | 13.056 | 91   | 518277   | 1.936   | ppbv   | 99     |
| 61) Styrene                | 12.899 | 104  | 35968    | 0.298   | ppbv   | 92     |
| 62) Isopropylbenzene       | 14.027 | 105  | 18679    | 0.046   | ppbv # | 49     |
| 64) n-propylbenzene        | 14.915 | 120  | 12318    | 0.116   | ppbv # | 1      |
| 65) tert-Butylbenzene      | 16.104 | 119  | 17540    | 0.048   | ppbv # | 1      |
| 72) 4-Ethyltoluene         | 15.194 | 105  | 126678   | 0.402   | ppbv # | 97     |
| 73) 1,3,5-Trimethylbenzene | 15.355 | 105  | 80005    | 0.295   | ppbv   | 92     |
| 74) 1,2,4-Trimethylbenzene | 16.111 | 105  | 341972   | 1.084   | ppbv # | 68     |

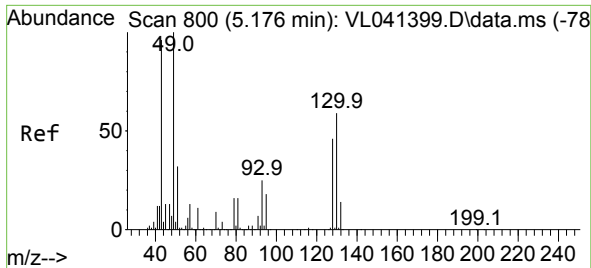
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL072924\  
Data File : VL041435.D  
Acq On : 29 Jul 2024 19:02  
Operator : SY/MD  
Sample : P3342-12 4X  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
ACVI-SS-06

Quant Time: Jul 30 02:53:02 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

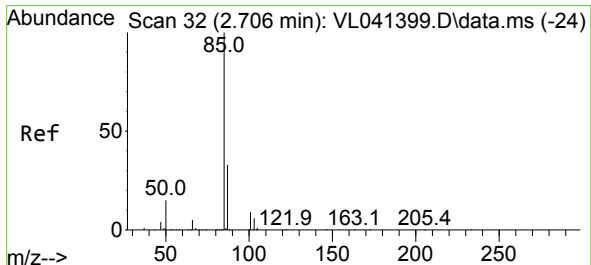
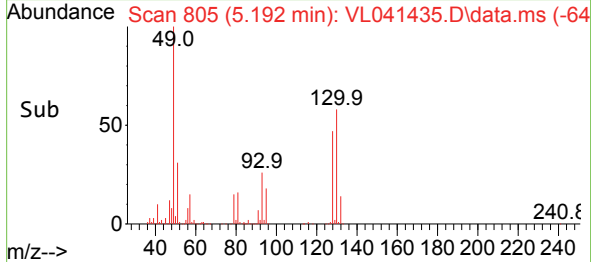
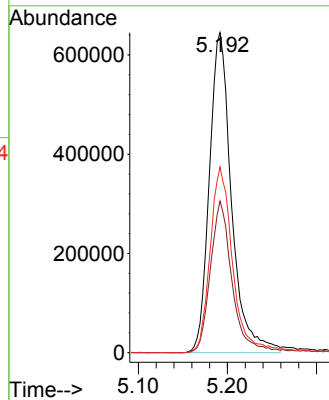
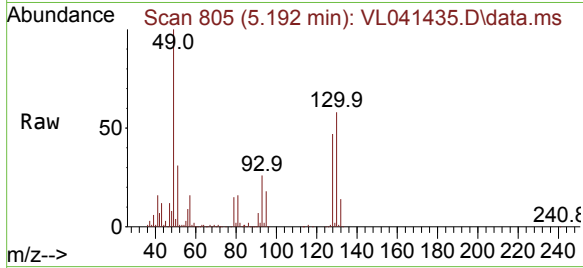




#1  
 Bromochloromethane  
 Concen: 10.000 ppbv  
 RT: 5.192 min Scan# 80  
 Delta R.T. 0.013 min  
 Lab File: VL041435.D  
 Acq: 29 Jul 2024 19:02

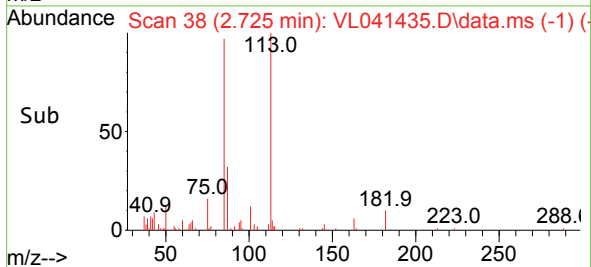
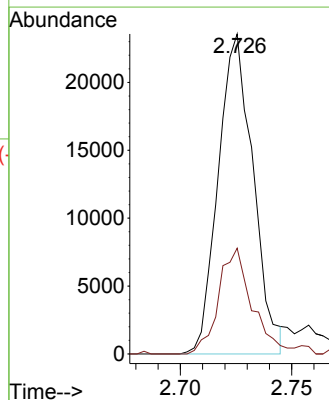
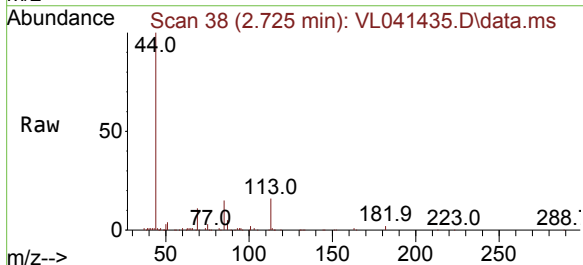
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 ACVI-SS-06

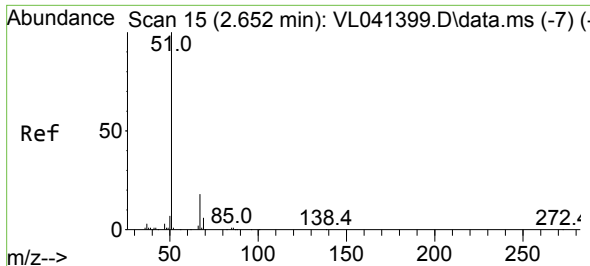
Tgt Ion: 49 Resp: 1114611  
 Ion Ratio Lower Upper  
 49 100  
 128 47.5 23.8 71.4  
 130 60.7 30.8 92.4



#2  
 Dichlorodifluoromethane  
 Concen: 0.134 ppbv  
 RT: 2.725 min Scan# 38  
 Delta R.T. 0.016 min  
 Lab File: VL041435.D  
 Acq: 29 Jul 2024 19:02

Tgt Ion: 85 Resp: 25659  
 Ion Ratio Lower Upper  
 85 100  
 87 33.0 26.0 39.0

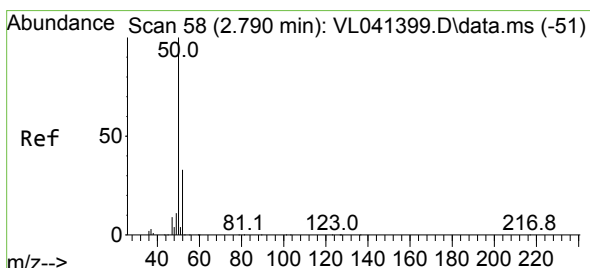
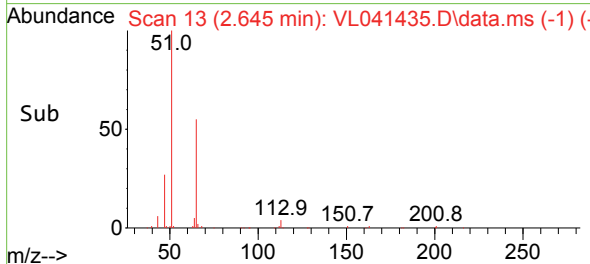
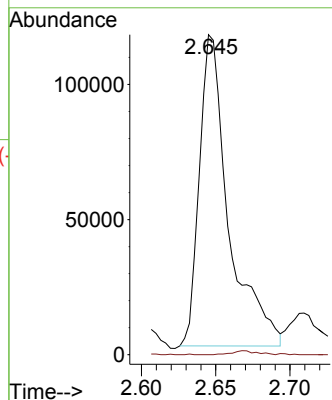
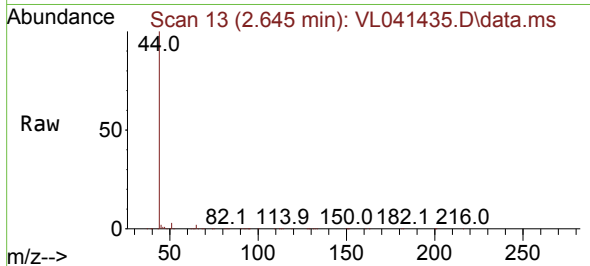




#3  
Chlorodifluoromethane  
Concen: 1.190 ppbv  
RT: 2.645 min Scan# 11  
Delta R.T. -0.010 min  
Lab File: VL041435.D  
Acq: 29 Jul 2024 19:02

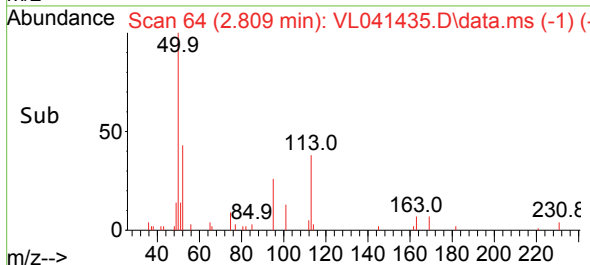
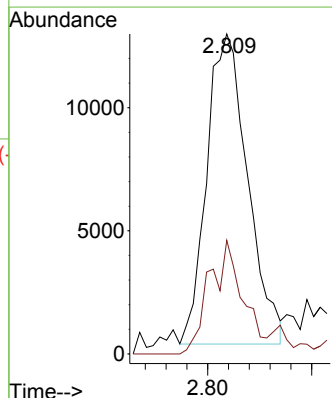
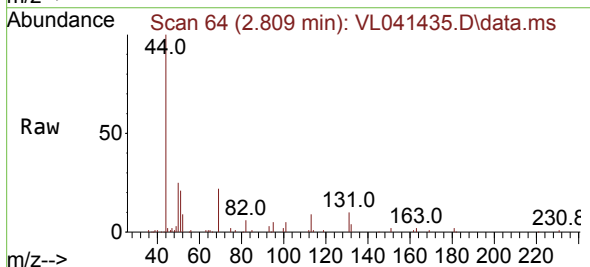
Instrument :  
MSVOA\_L  
ClientSampleId :  
ACVI-SS-06

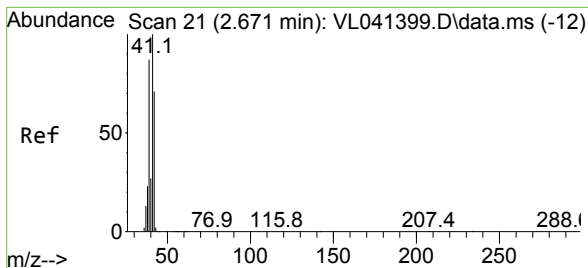
Tgt Ion: 51 Resp: 157965  
Ion Ratio Lower Upper  
51 100  
67 1.1 14.5 21.7#



#4  
Chloromethane  
Concen: 0.243 ppbv  
RT: 2.809 min Scan# 64  
Delta R.T. 0.016 min  
Lab File: VL041435.D  
Acq: 29 Jul 2024 19:02

Tgt Ion: 50 Resp: 17161  
Ion Ratio Lower Upper  
50 100  
52 36.7 26.1 39.1





#9

Propene

Concen: 0.441 ppbv

RT: 2.700 min Scan# 30

Delta R.T. 0.029 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA\_L

ClientSampleId :

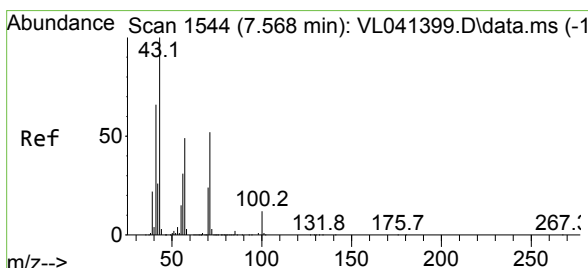
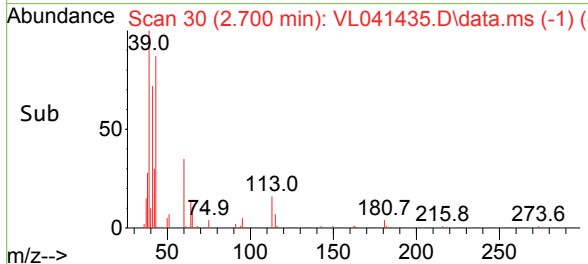
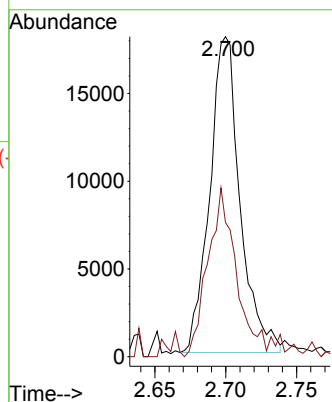
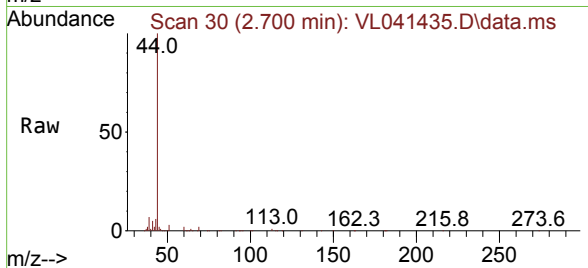
ACVI-SS-06

Tgt Ion: 41 Resp: 26853

Ion Ratio Lower Upper

41 100

42 57.0 55.9 83.9



#10

Heptane

Concen: 1.932 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. 0.010 min

Lab File: VL041435.D

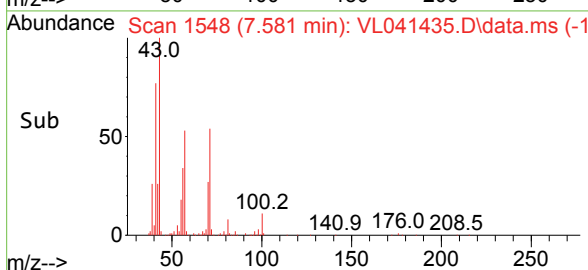
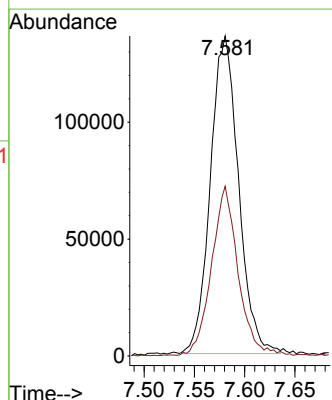
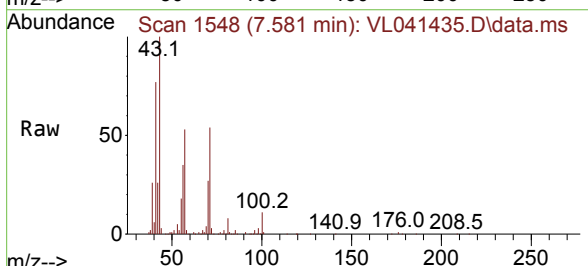
Acq: 29 Jul 2024 19:02

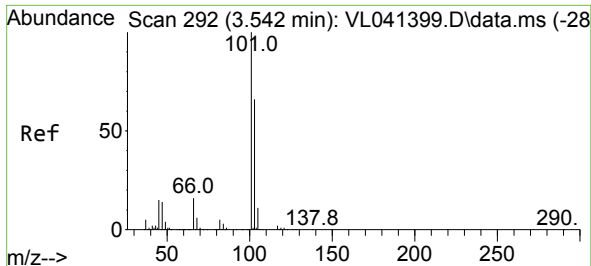
Tgt Ion: 43 Resp: 264610

Ion Ratio Lower Upper

43 100

57 51.3 40.5 60.7

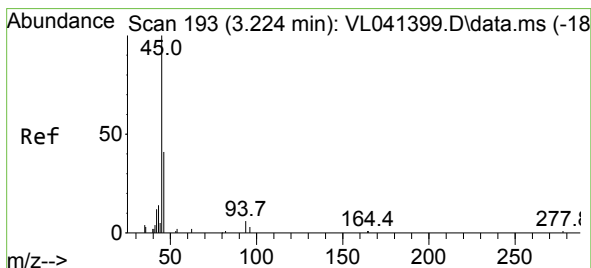
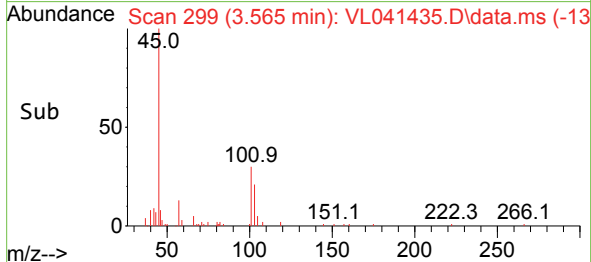
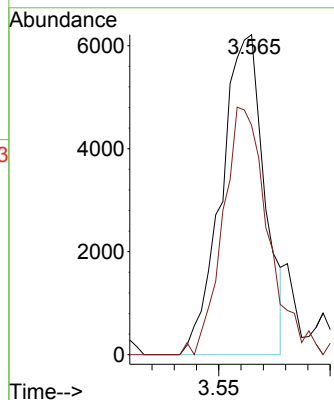
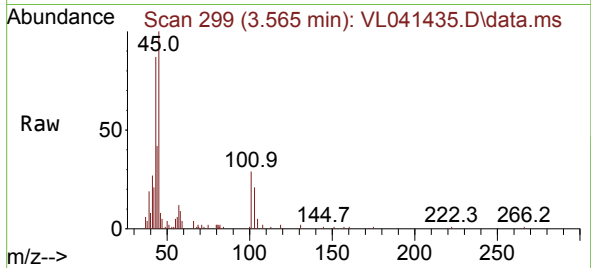




#11  
 Trichlorofluoromethane  
 Concen: 0.049 ppbv  
 RT: 3.565 min Scan# 292  
 Delta R.T. 0.019 min  
 Lab File: VL041435.D  
 Acq: 29 Jul 2024 19:02

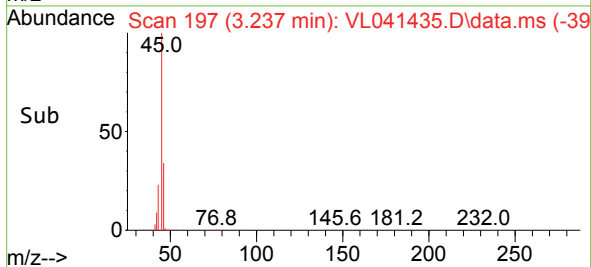
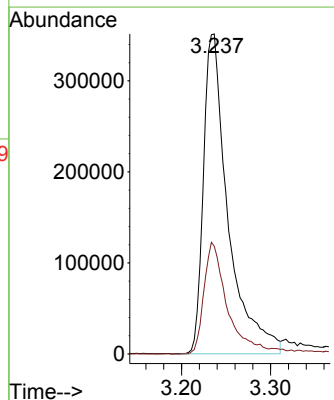
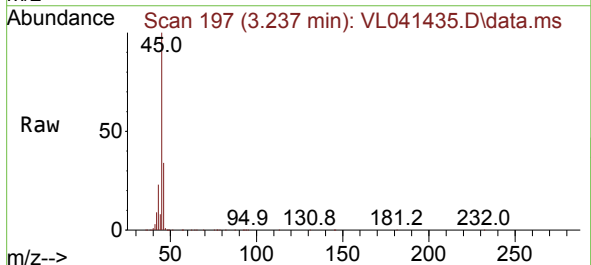
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 ACVI-SS-06

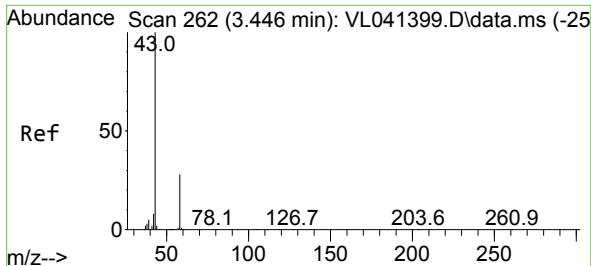
Tgt Ion:101 Resp: 8346  
 Ion Ratio Lower Upper  
 101 100  
 103 71.7 52.6 79.0



#13  
 Ethanol  
 Concen: 123.737 ppbv  
 RT: 3.237 min Scan# 197  
 Delta R.T. 0.010 min  
 Lab File: VL041435.D  
 Acq: 29 Jul 2024 19:02

Tgt Ion: 45 Resp: 674114  
 Ion Ratio Lower Upper  
 45 100  
 46 34.8 13.4 53.4





#15

Acetone

Concen: 7.963 ppbv

RT: 3.465 min Scan# 2

Delta R.T. 0.013 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA\_L

ClientSampleId :

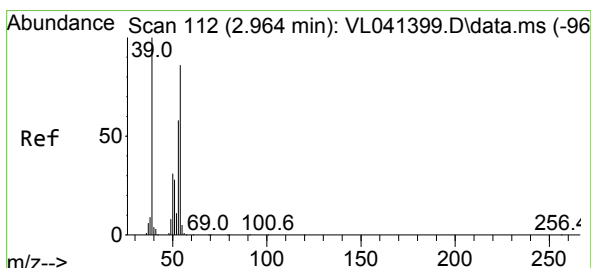
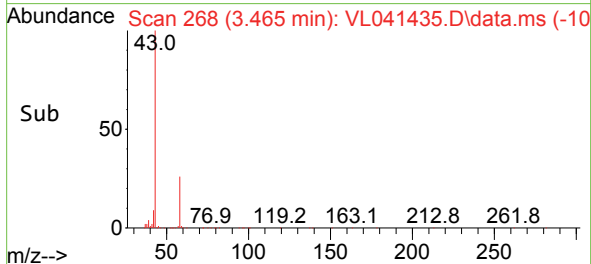
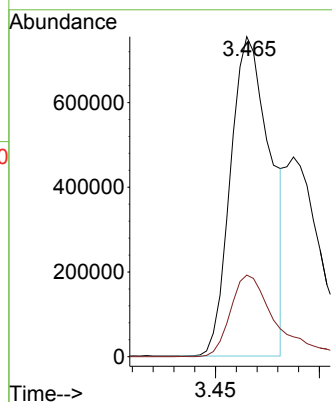
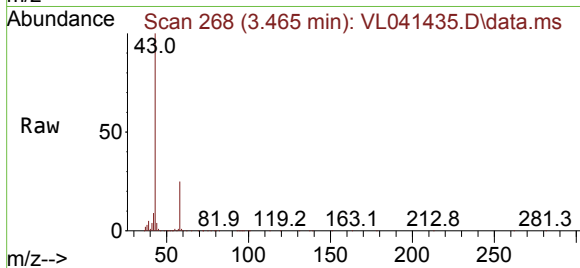
ACVI-SS-06

Tgt Ion: 43 Resp: 1008470

Ion Ratio Lower Upper

43 100

58 31.1 21.4 32.2



#16

1,3-Butadiene

Concen: 0.129 ppbv

RT: 2.960 min Scan# 111

Delta R.T. -0.007 min

Lab File: VL041435.D

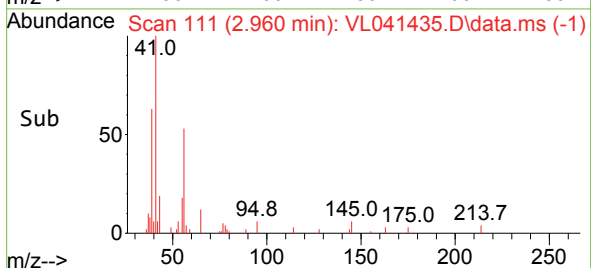
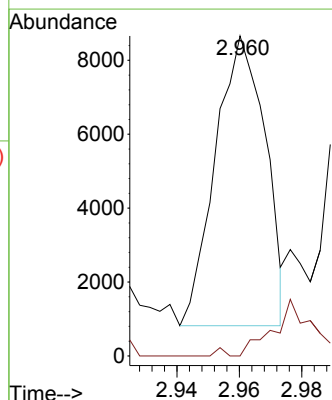
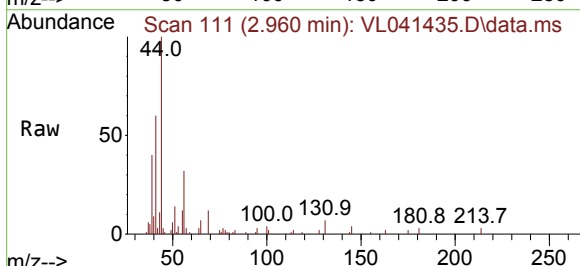
Acq: 29 Jul 2024 19:02

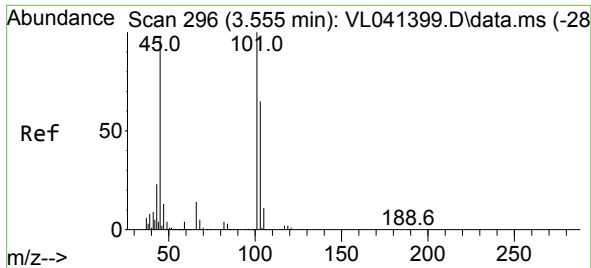
Tgt Ion: 39 Resp: 8710

Ion Ratio Lower Upper

39 100

54 0.0 62.5 93.7#





#19

Isopropyl Alcohol

Concen: 1.159 ppbv

RT: 3.584 min Scan# 305

Delta R.T. 0.022 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA\_L

ClientSampleId :

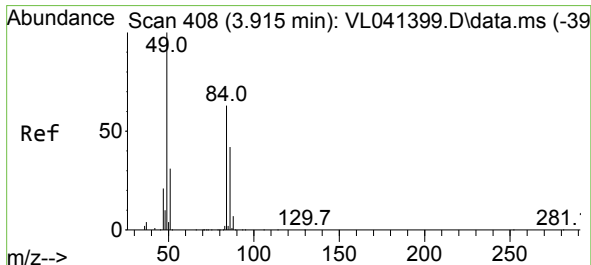
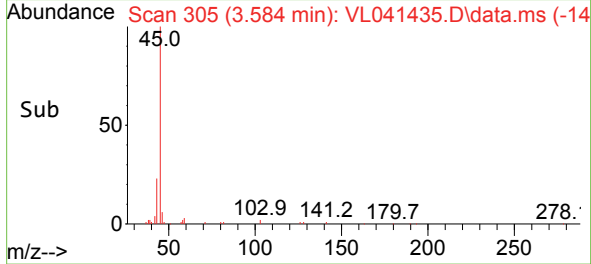
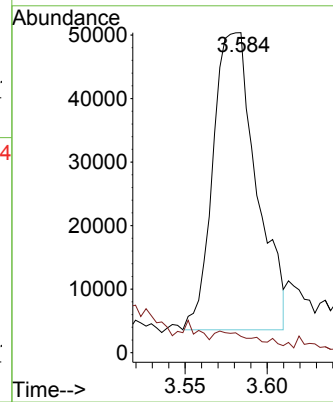
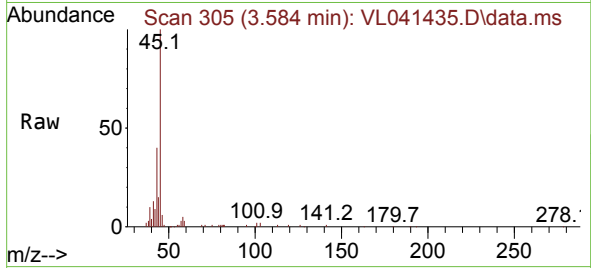
ACVI-SS-06

Tgt Ion: 45 Resp: 85837

Ion Ratio Lower Upper

45 100

58 352.2 1.9 2.9#



#20

Methylene Chloride

Concen: 18.018 ppbv

RT: 3.934 min Scan# 414

Delta R.T. 0.016 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Tgt Ion: 84 Resp: 850921

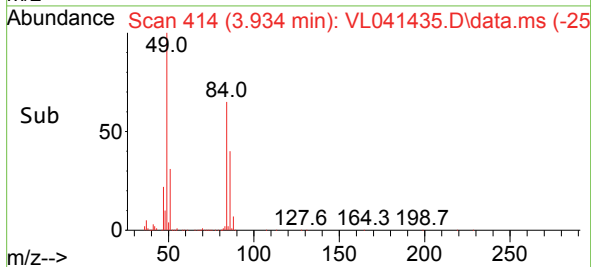
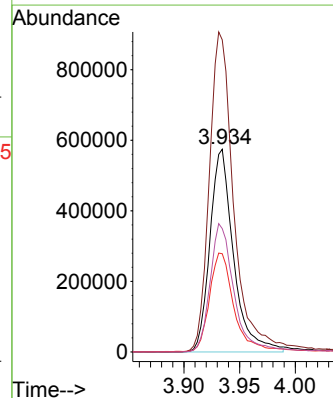
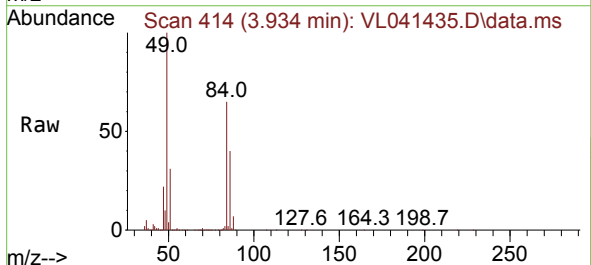
Ion Ratio Lower Upper

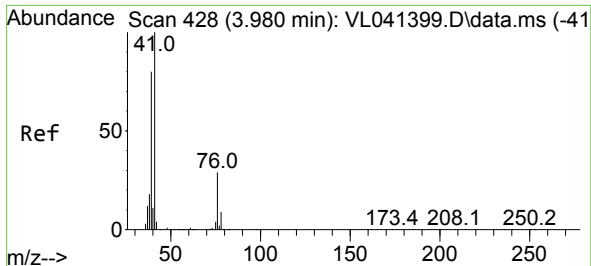
84 100

49 153.9 126.6 190.0

51 48.2 38.6 58.0

86 60.8 53.0 79.4

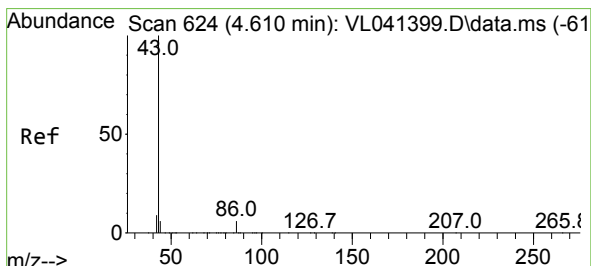
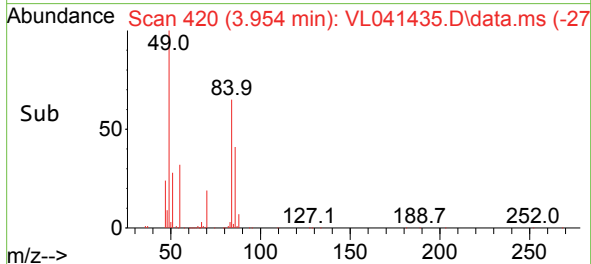
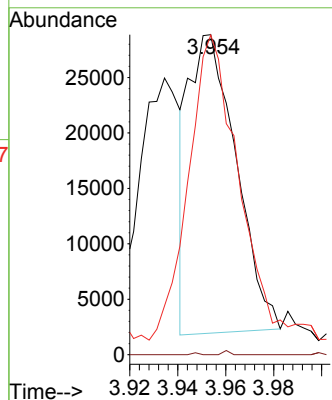
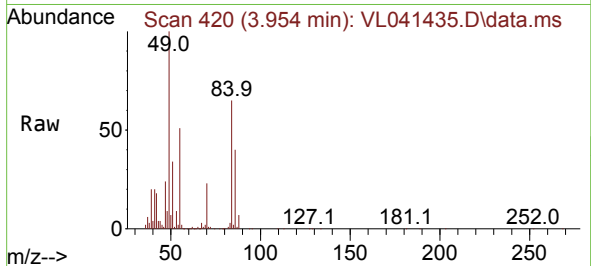




#21  
 Allyl Chloride  
 Concen: 0.445 ppbv  
 RT: 3.954 min Scan# 41  
 Delta R.T. -0.026 min  
 Lab File: VL041435.D  
 Acq: 29 Jul 2024 19:02

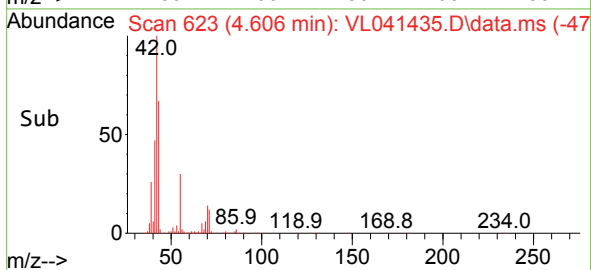
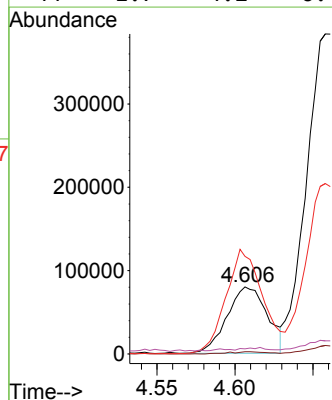
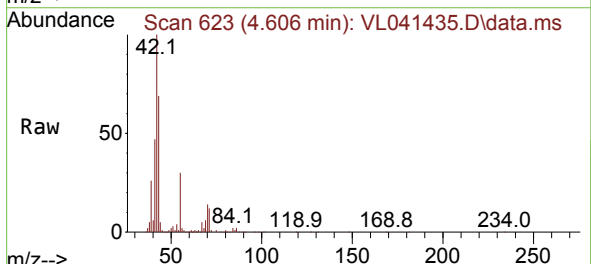
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 ACVI-SS-06

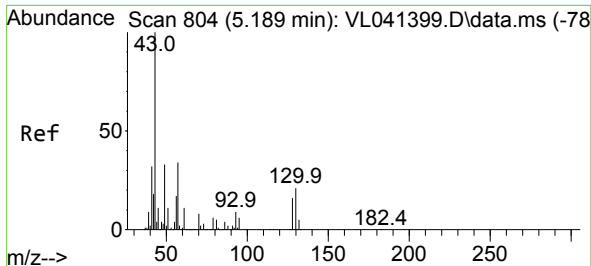
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 36957 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 76       | 0.3   | 23.7  | 35.5# |
| 39       | 128.3 | 64.3  | 96.5# |



#23  
 Vinyl Acetate  
 Concen: 1.484 ppbv  
 RT: 4.606 min Scan# 623  
 Delta R.T. -0.007 min  
 Lab File: VL041435.D  
 Acq: 29 Jul 2024 19:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 143517 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 86       | 3.5   | 4.6   | 6.8#   |
| 42       | 146.4 | 7.9   | 11.9#  |
| 44       | 1.7   | 4.2   | 6.4#   |

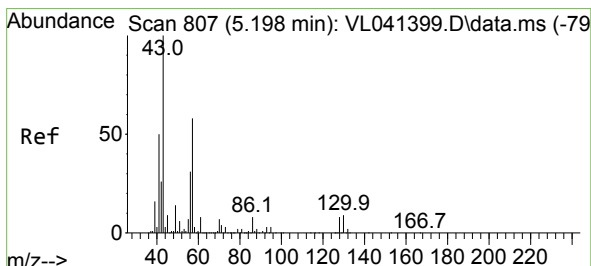
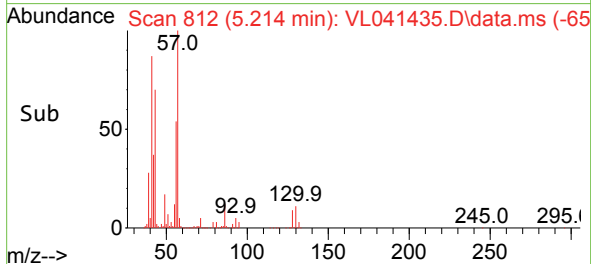
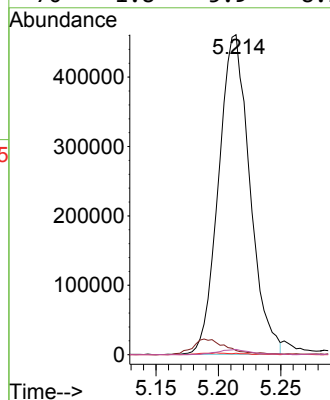
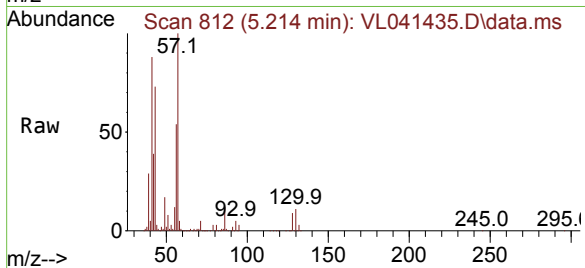




#25  
Ethyl Acetate  
Concen: 3.191 ppbv  
RT: 5.214 min Scan# 811  
Delta R.T. 0.022 min  
Lab File: VL041435.D  
Acq: 29 Jul 2024 19:02

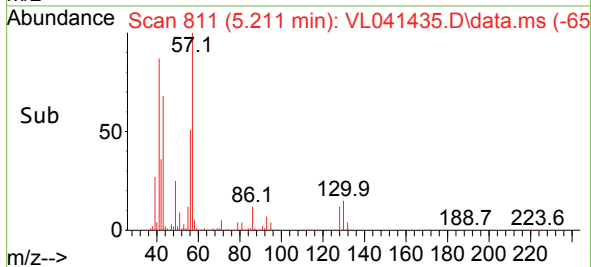
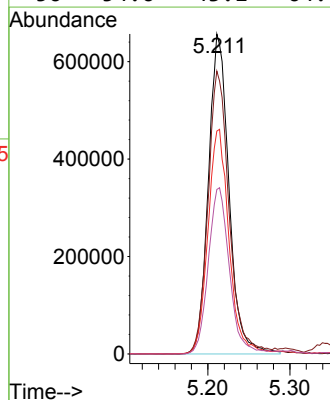
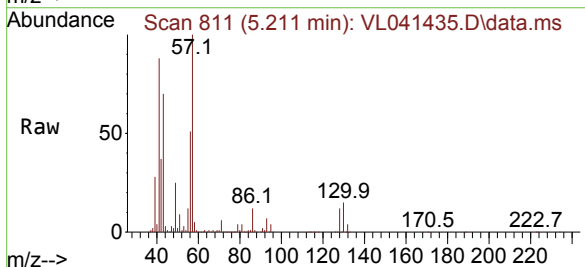
Instrument :  
MSVOA\_L  
ClientSampleId :  
ACVI-SS-06

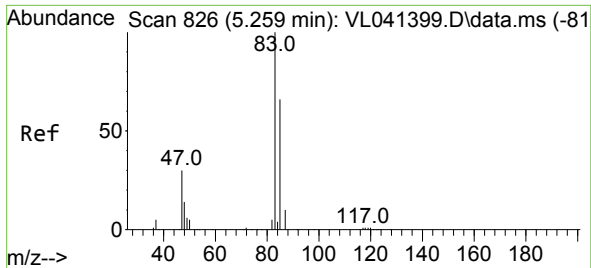
|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 802921 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 45 5.8      | 8.5 12.7#    |
| 61 0.8      | 8.0 12.0#    |
| 70 1.8      | 5.9 8.9#     |



#26  
Hexane  
Concen: 10.957 ppbv  
RT: 5.211 min Scan# 811  
Delta R.T. 0.013 min  
Lab File: VL041435.D  
Acq: 29 Jul 2024 19:02

|             |               |       |        |
|-------------|---------------|-------|--------|
| Tgt Ion: 57 | Resp: 1143570 |       |        |
| Ion         | Ratio         | Lower | Upper  |
| 57          | 100           |       |        |
| 41          | 91.5          | 74.0  | 111.0  |
| 43          | 72.6          | 193.6 | 290.4# |
| 56          | 54.6          | 43.1  | 64.7   |





#29

Chloroform

Concen: 0.096 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA\_L

ClientSampleId :

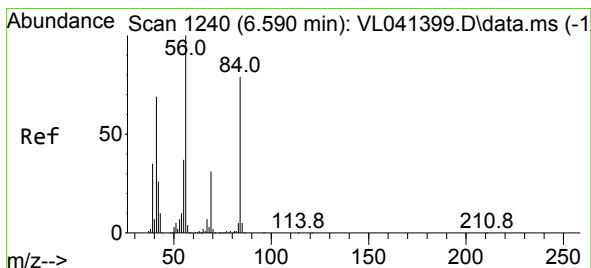
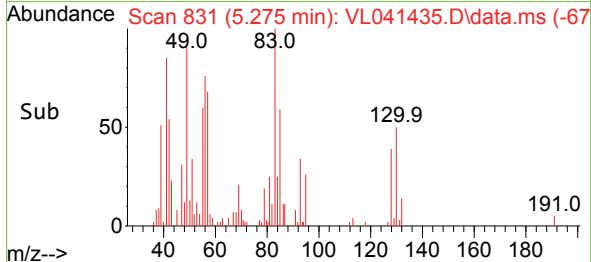
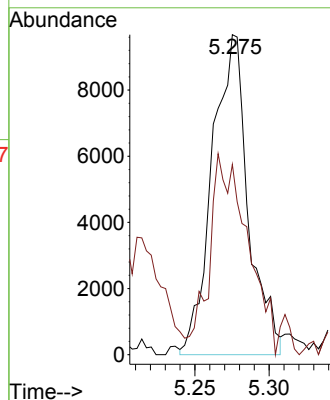
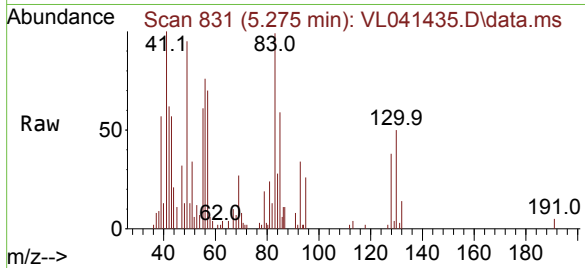
ACVI-SS-06

Tgt Ion: 83 Resp: 16343

Ion Ratio Lower Upper

83 100

85 53.1 53.1 79.7



#30

Cyclohexane

Concen: 0.614 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.010 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

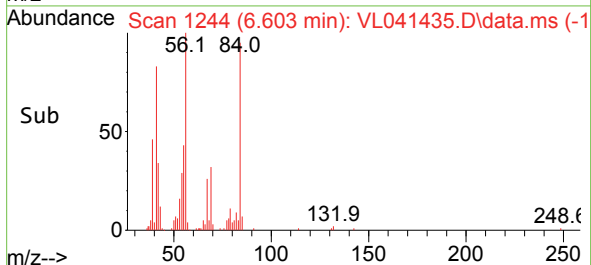
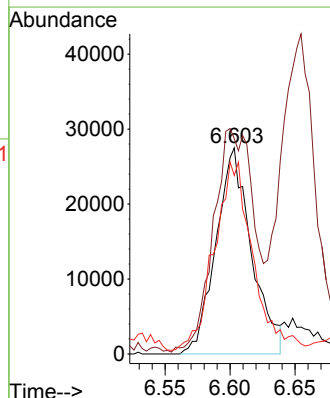
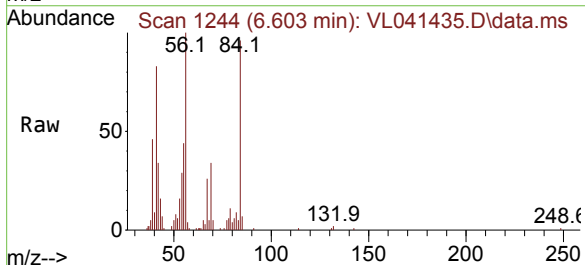
Tgt Ion: 84 Resp: 52222

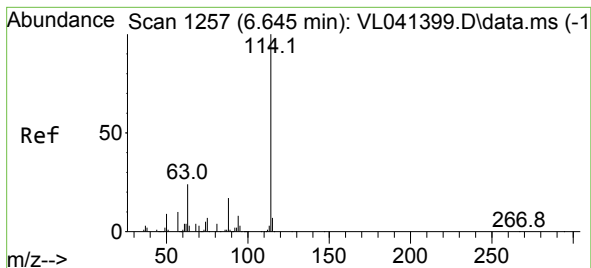
Ion Ratio Lower Upper

84 100

56 125.0 111.2 166.8

41 101.5 70.3 105.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 114

Delta R.T. 0.006 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA\_L

ClientSampleId :

ACVI-SS-06

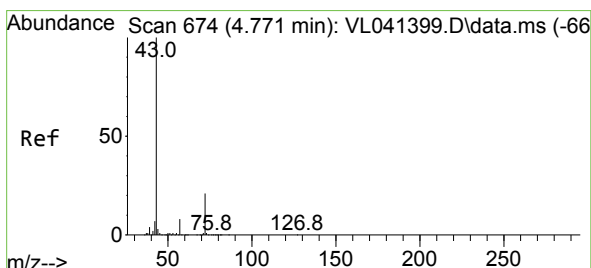
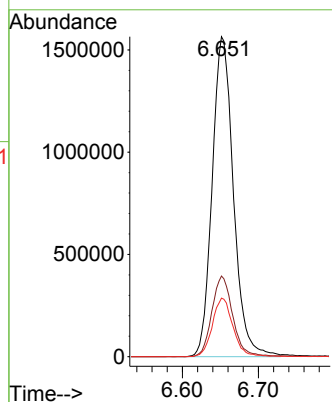
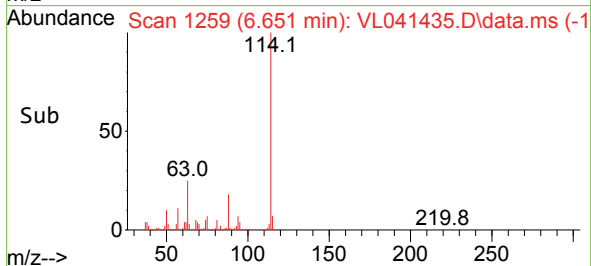
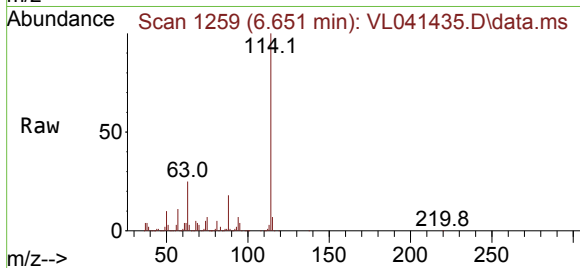
Tgt Ion:114 Resp: 3038335

Ion Ratio Lower Upper

114 100

63 24.9 20.3 30.5

88 17.9 14.3 21.5



#34

2-Butanone

Concen: 0.156 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.013 min

Lab File: VL041435.D

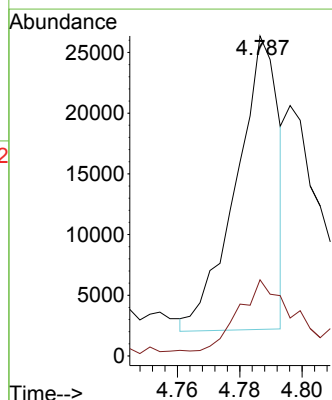
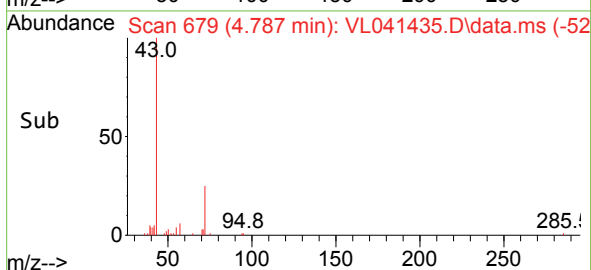
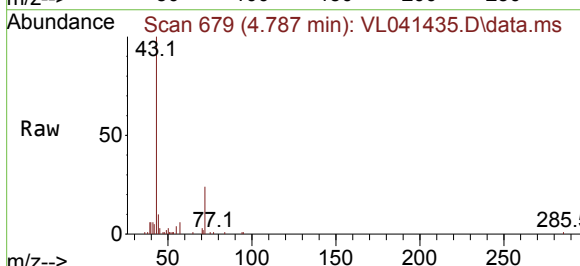
Acq: 29 Jul 2024 19:02

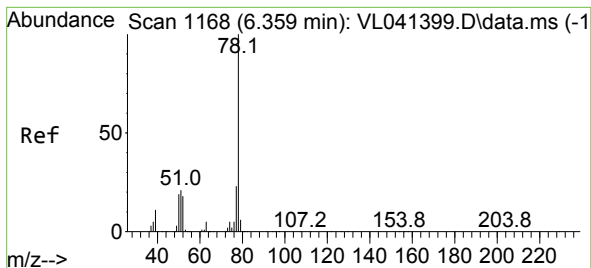
Tgt Ion: 43 Resp: 22860

Ion Ratio Lower Upper

43 100

72 44.7 17.3 25.9#





#36

Benzene

Concen: 1.960 ppbv

RT: 6.368 min Scan# 1168

Delta R.T. 0.010 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA\_L

ClientSampleId :

ACVI-SS-06

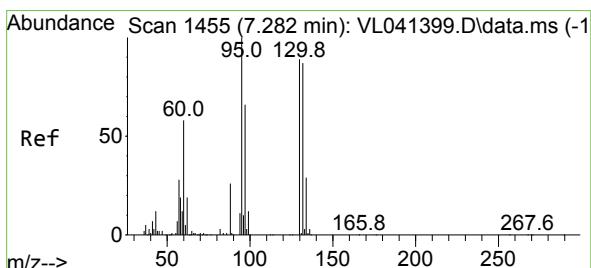
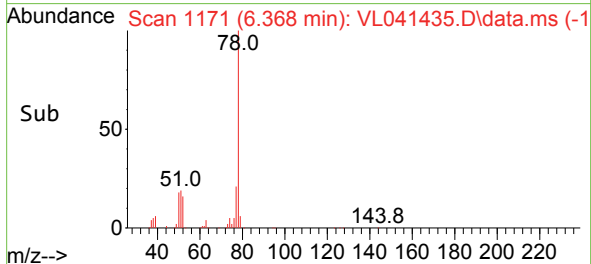
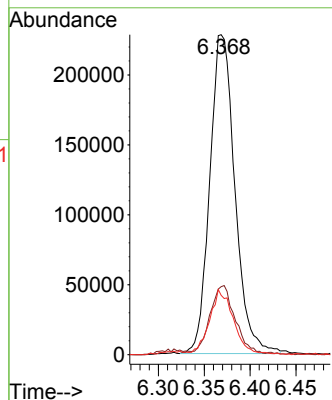
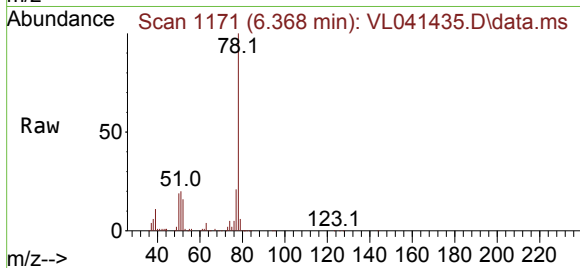
Tgt Ion: 78 Resp: 435245

Ion Ratio Lower Upper

78 100

77 21.1 18.1 27.1

50 18.4 15.5 23.3



#38

Trichloroethene

Concen: 0.045 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.006 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Tgt Ion:130 Resp: 4606

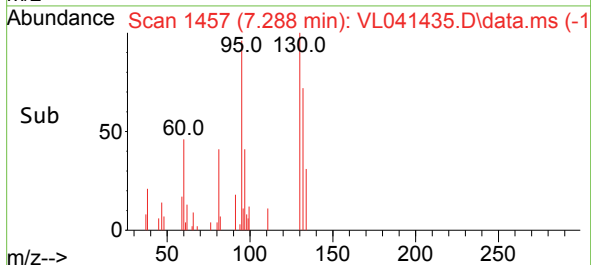
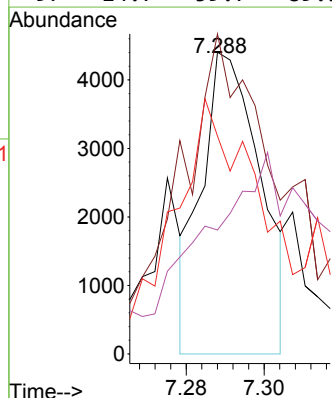
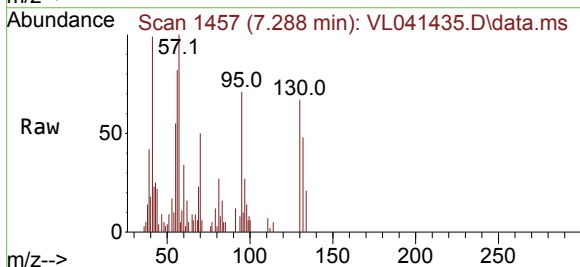
Ion Ratio Lower Upper

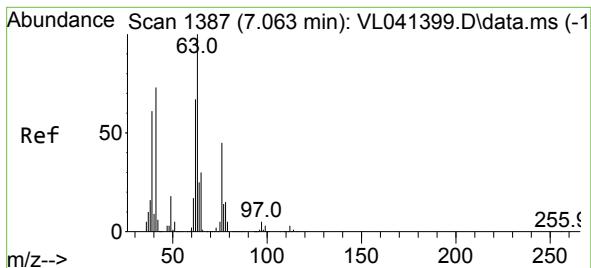
130 100

95 90.5 90.2 135.2

132 46.4 78.1 117.1#

97 14.7 59.7 89.5#





#39

1,2-Dichloropropane

Concen: 8.716 ppbv

RT: 6.651 min Scan# 11

Delta R.T. -0.412 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA\_L

ClientSampleId :

ACVI-SS-06

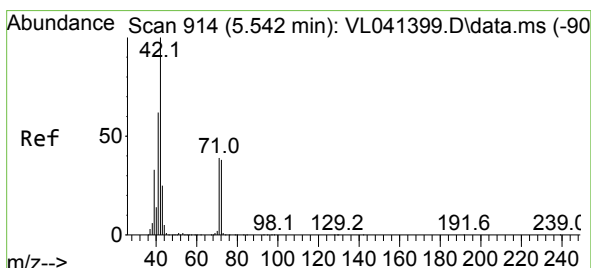
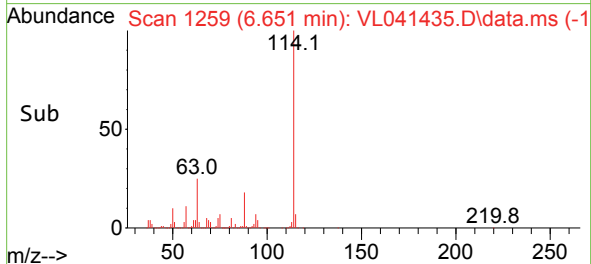
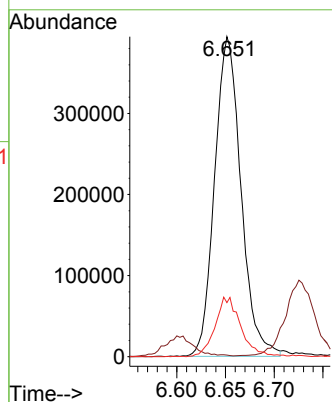
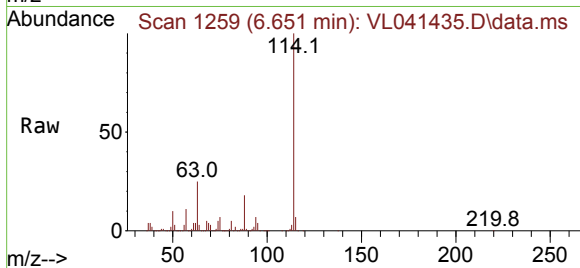
Tgt Ion: 63 Resp: 740867

Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 16.8 53.9 80.9#



#41

Tetrahydrofuran

Concen: 0.128 ppbv

RT: 5.295 min Scan# 837

Delta R.T. -0.251 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

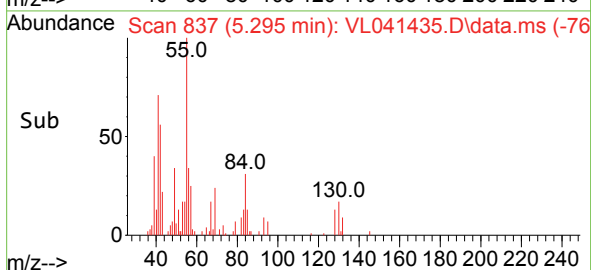
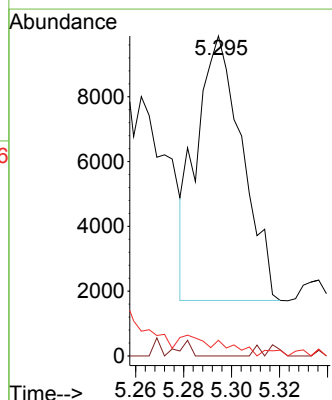
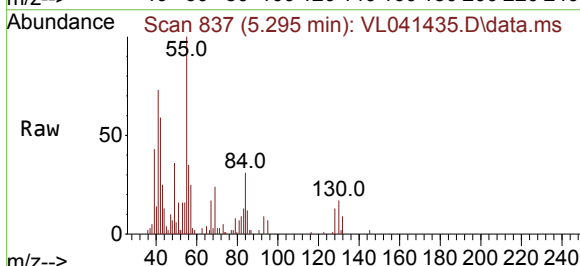
Tgt Ion: 42 Resp: 10777

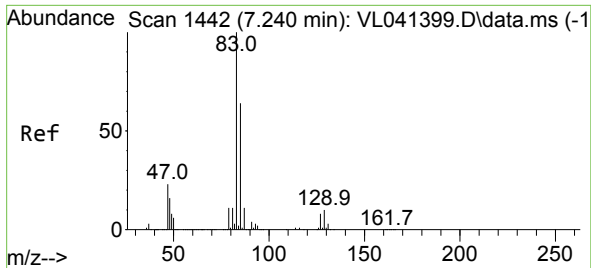
Ion Ratio Lower Upper

42 100

72 1.5 31.2 46.8#

71 0.0 30.5 45.7#

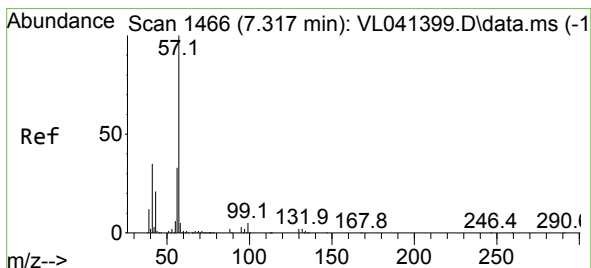
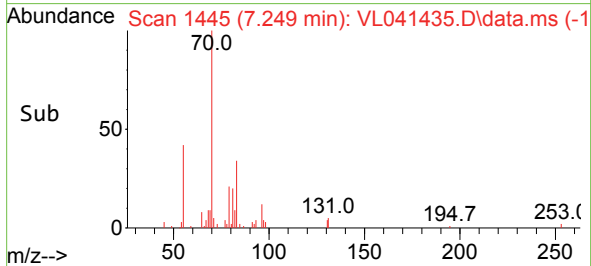
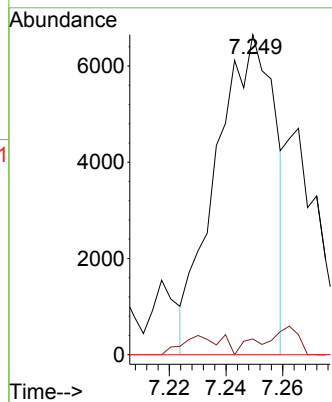
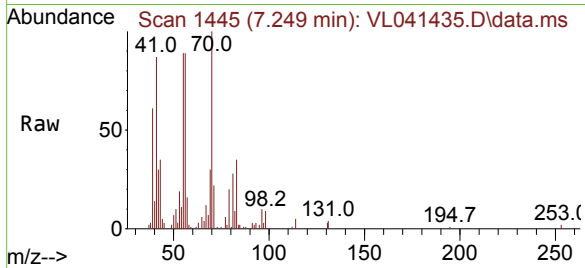




#42  
Bromodichloromethane  
Concen: 0.053 ppbv  
RT: 7.249 min Scan# 1445  
Delta R.T. 0.010 min  
Lab File: VL041435.D  
Acq: 29 Jul 2024 19:02

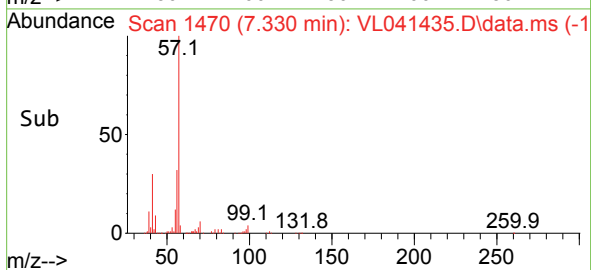
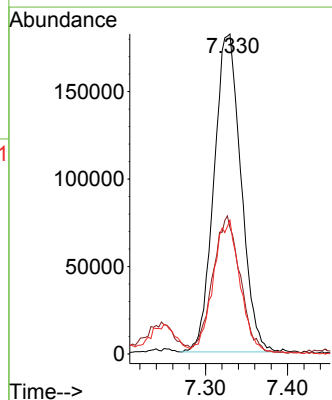
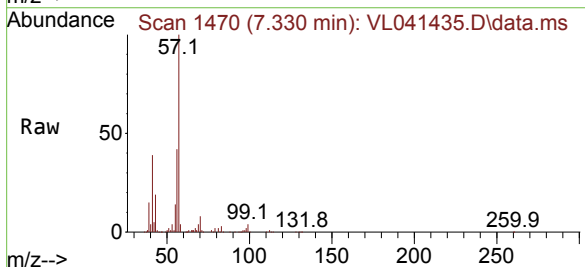
Instrument :  
MSVOA\_L  
ClientSampleId :  
ACVI-SS-06

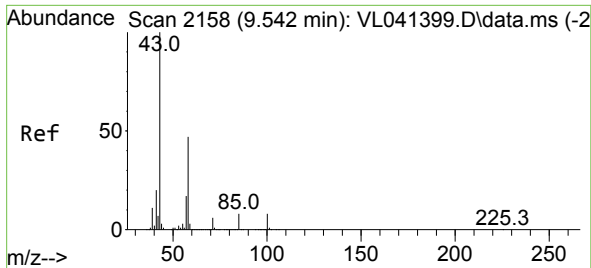
Tgt Ion: 83 Resp: 9592  
Ion Ratio Lower Upper  
83 100  
85 2.7 51.4 77.0#  
127 0.0 6.7 10.1#



#44  
2,2,4-Trimethylpentane  
Concen: 1.124 ppbv  
RT: 7.330 min Scan# 1470  
Delta R.T. 0.013 min  
Lab File: VL041435.D  
Acq: 29 Jul 2024 19:02

Tgt Ion: 57 Resp: 416754  
Ion Ratio Lower Upper  
57 100  
41 43.8 27.0 40.6#  
56 42.7 25.2 37.8#

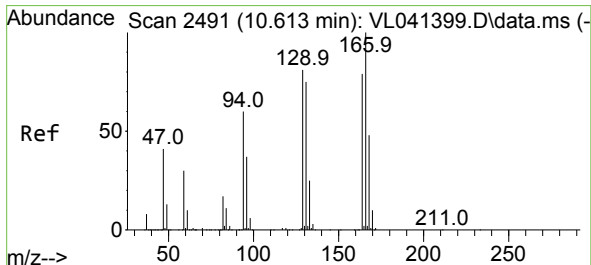
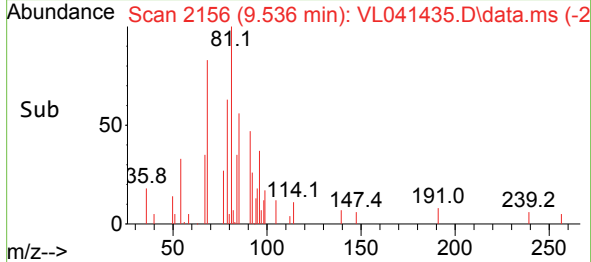
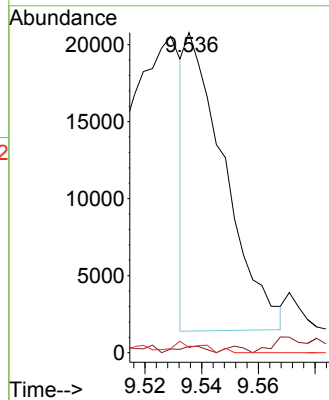
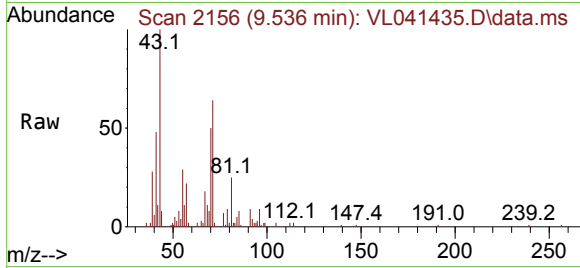




#51  
2-Hexanone  
Concen: 0.106 ppbv  
RT: 9.536 min Scan# 2158  
Delta R.T. -0.007 min  
Lab File: VL041435.D  
Acq: 29 Jul 2024 19:02

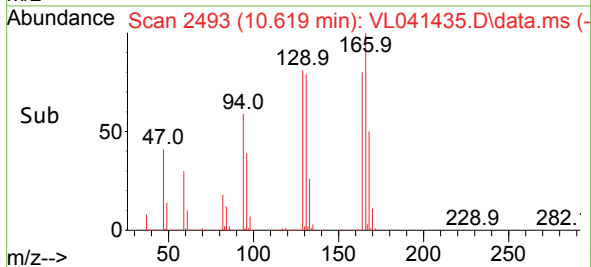
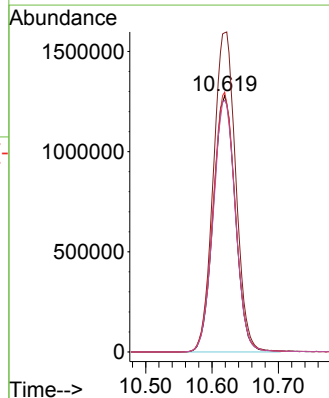
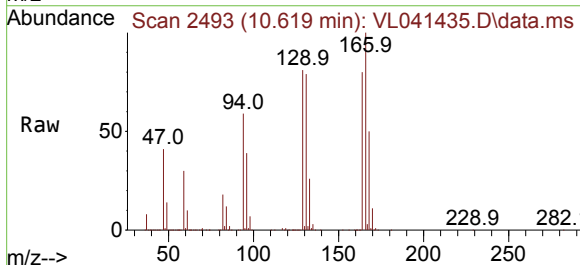
Instrument :  
MSVOA\_L  
ClientSampleId :  
ACVI-SS-06

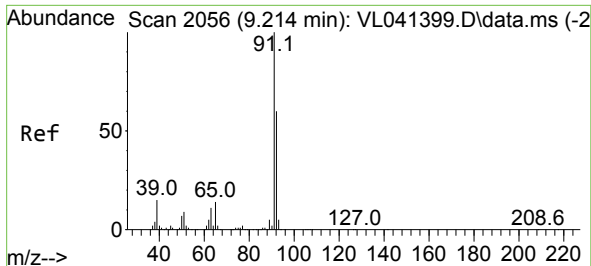
Tgt Ion: 43 Resp: 18624  
Ion Ratio Lower Upper  
43 100  
58 0.0 38.2 57.2#  
98 4.0 0.3 0.5#



#52  
Tetrachloroethene  
Concen: 34.347 ppbv  
RT: 10.619 min Scan# 2493  
Delta R.T. 0.010 min  
Lab File: VL041435.D  
Acq: 29 Jul 2024 19:02

Tgt Ion: 164 Resp: 2946479  
Ion Ratio Lower Upper  
164 100  
166 124.6 101.1 151.7  
129 101.4 81.7 122.5  
131 98.1 76.2 114.4





#53

Toluene

Concen: 10.740 ppbv

RT: 9.220 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA\_L

ClientSampleId :

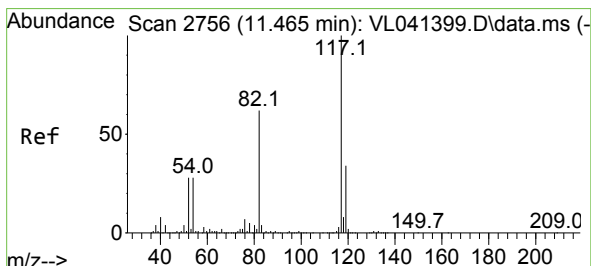
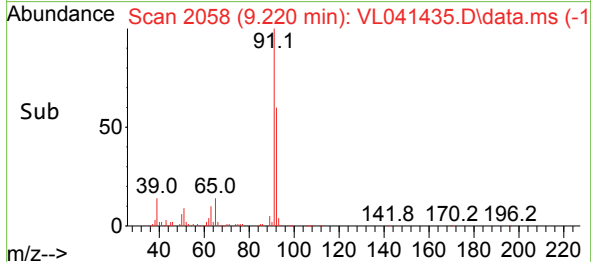
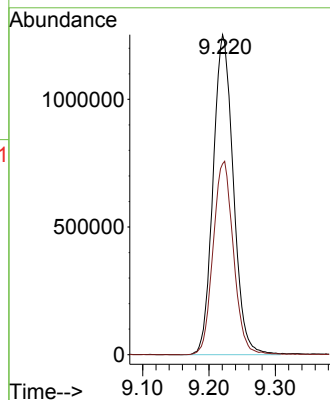
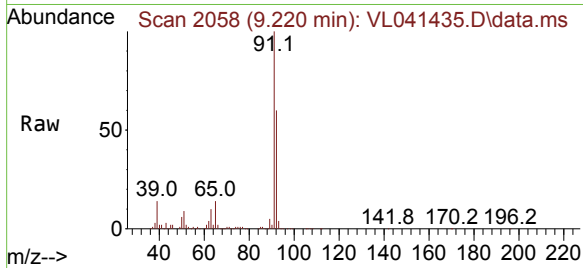
ACVI-SS-06

Tgt Ion: 91 Resp: 2655944

Ion Ratio Lower Upper

91 100

92 61.0 48.7 73.1



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 2757

Delta R.T. 0.003 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

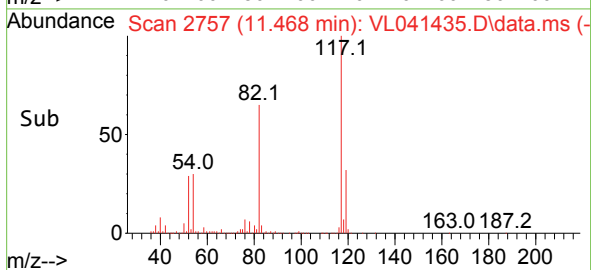
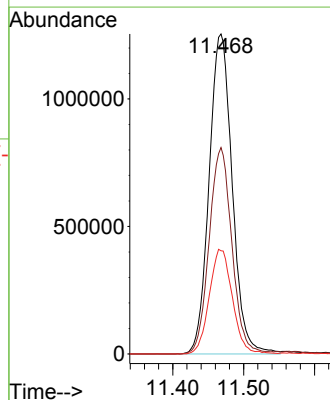
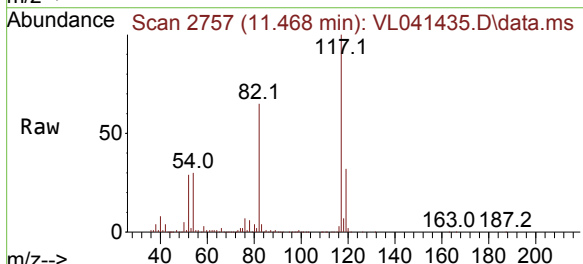
Tgt Ion: 117 Resp: 2843572

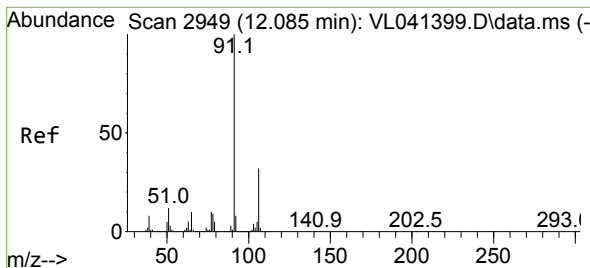
Ion Ratio Lower Upper

117 100

82 63.8 51.0 76.6

119 32.7 45.2 67.8#





#58

Ethyl Benzene

Concen: 1.574 ppbv

RT: 12.088 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA\_L

ClientSampleId :

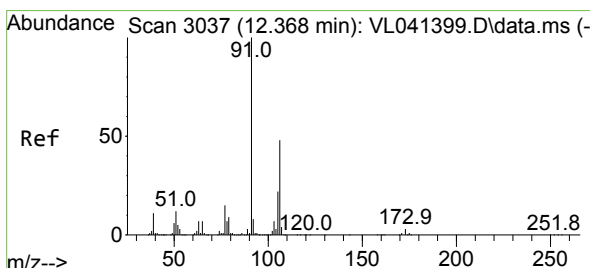
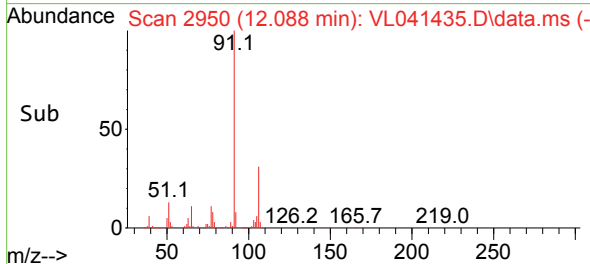
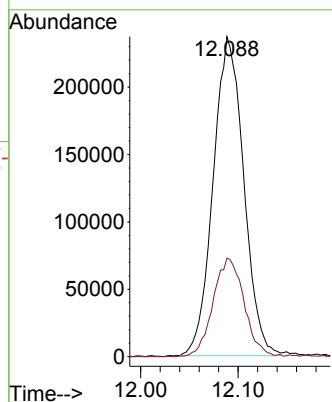
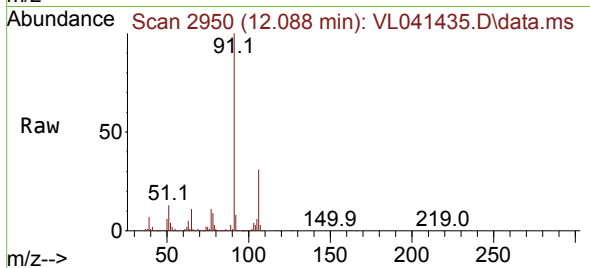
ACVI-SS-06

Tgt Ion: 91 Resp: 515887

Ion Ratio Lower Upper

91 100

106 30.6 25.8 38.8



#59

m/p-Xylene

Concen: 5.554 ppbv

RT: 12.342 min Scan# 3029

Delta R.T. -0.026 min

Lab File: VL041435.D

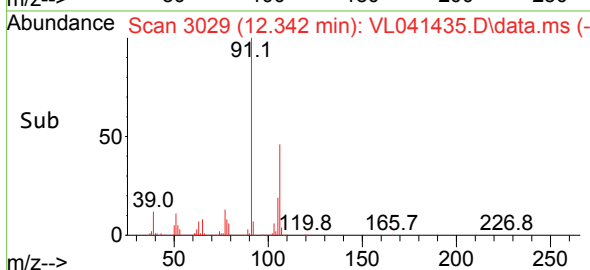
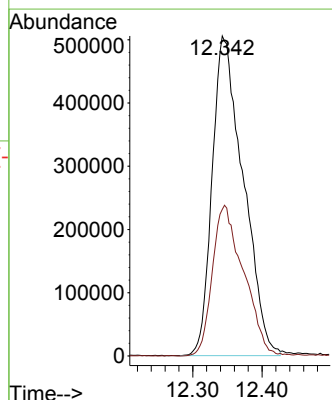
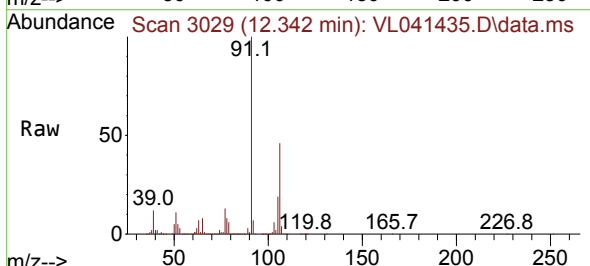
Acq: 29 Jul 2024 19:02

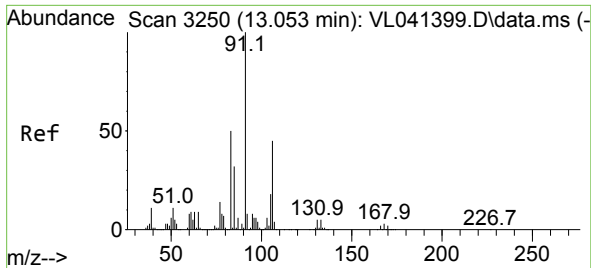
Tgt Ion: 91 Resp: 1571480

Ion Ratio Lower Upper

91 100

106 47.6 36.3 54.5

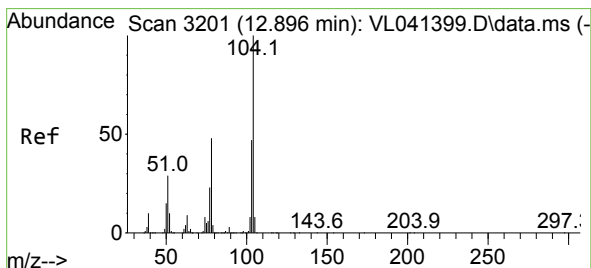
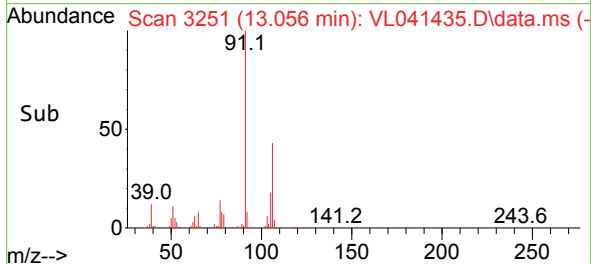
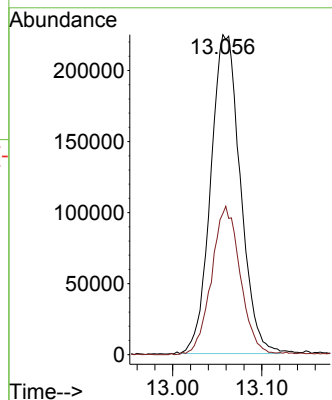
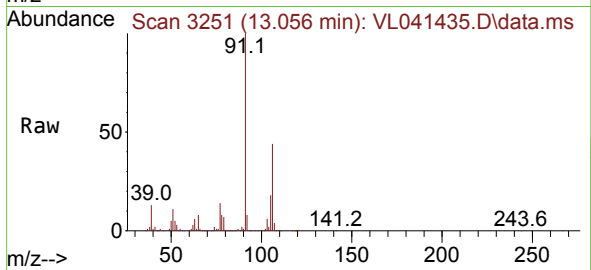




#60  
o-Xylene  
Concen: 1.936 ppbv  
RT: 13.056 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VL041435.D  
Acq: 29 Jul 2024 19:02

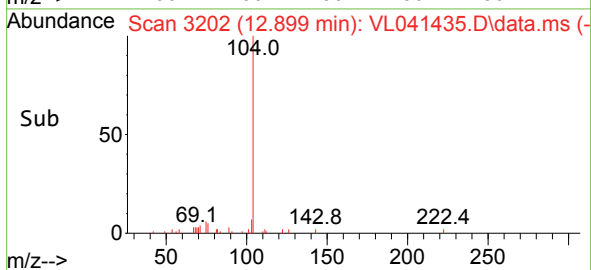
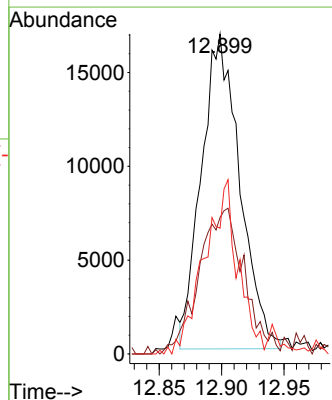
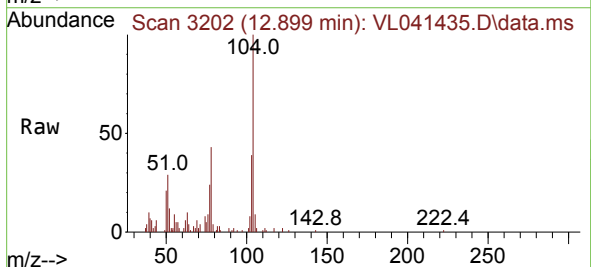
Instrument :  
MSVOA\_L  
ClientSampleId :  
ACVI-SS-06

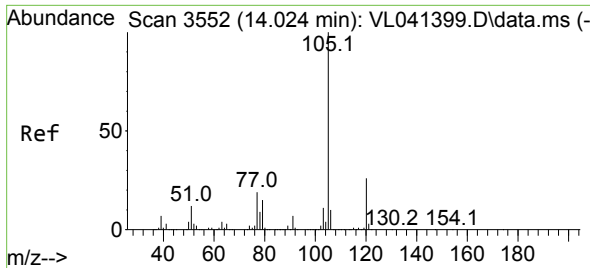
Tgt Ion: 91 Resp: 518277  
Ion Ratio Lower Upper  
91 100  
106 45.6 23.1 69.3



#61  
Styrene  
Concen: 0.298 ppbv  
RT: 12.899 min Scan# 3202  
Delta R.T. 0.003 min  
Lab File: VL041435.D  
Acq: 29 Jul 2024 19:02

Tgt Ion: 104 Resp: 35968  
Ion Ratio Lower Upper  
104 100  
78 57.5 40.8 61.2  
103 52.3 38.2 57.4

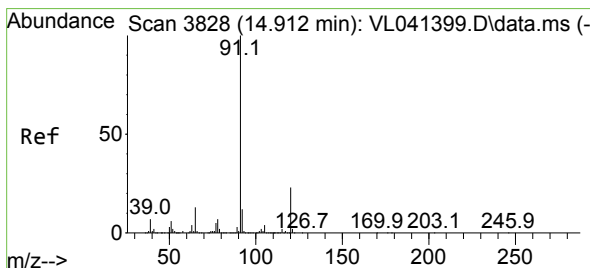
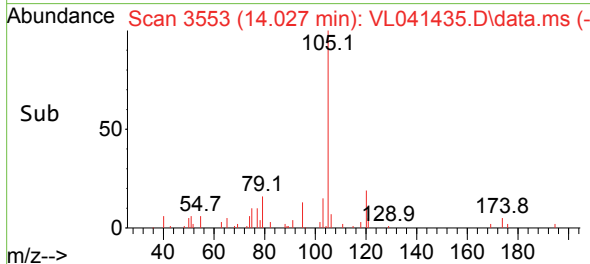
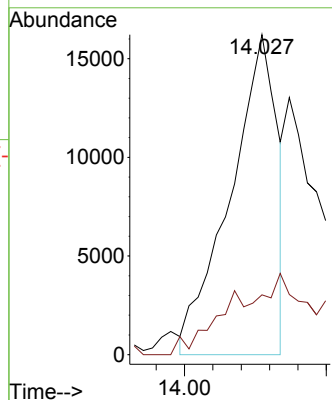
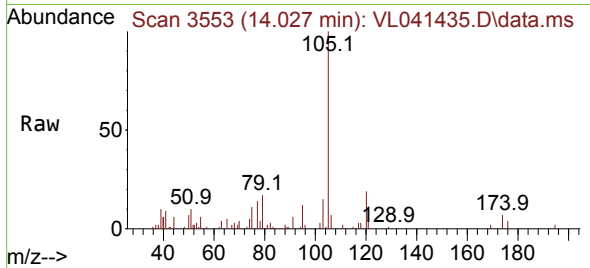




#62  
Isopropylbenzene  
Concen: 0.046 ppbv  
RT: 14.027 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VL041435.D  
Acq: 29 Jul 2024 19:02

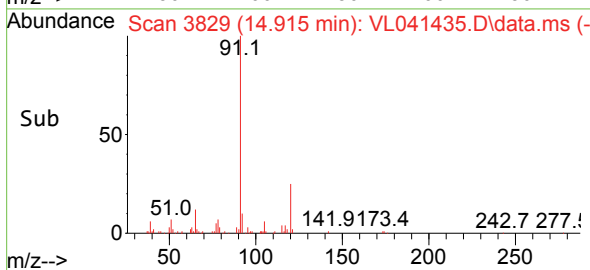
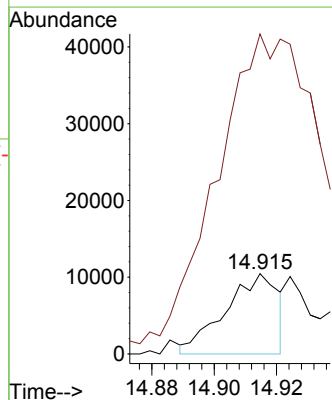
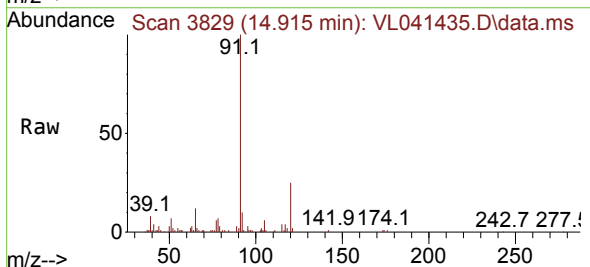
Instrument :  
MSVOA\_L  
ClientSampleId :  
ACVI-SS-06

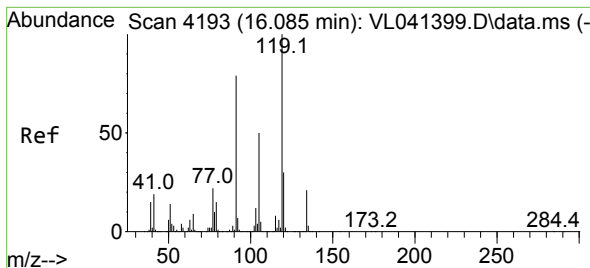
Tgt Ion:105 Resp: 18679  
Ion Ratio Lower Upper  
105 100  
120 0.0 21.0 31.4#



#64  
n-propylbenzene  
Concen: 0.116 ppbv  
RT: 14.915 min Scan# 3829  
Delta R.T. -0.000 min  
Lab File: VL041435.D  
Acq: 29 Jul 2024 19:02

Tgt Ion:120 Resp: 12318  
Ion Ratio Lower Upper  
120 100  
91 856.6 361.4 542.0#

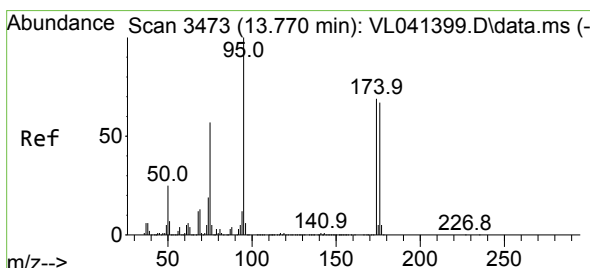
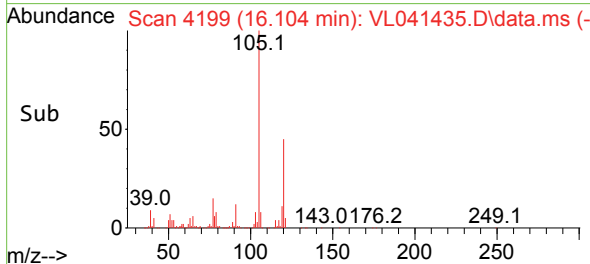
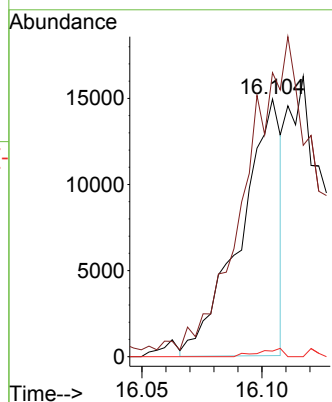
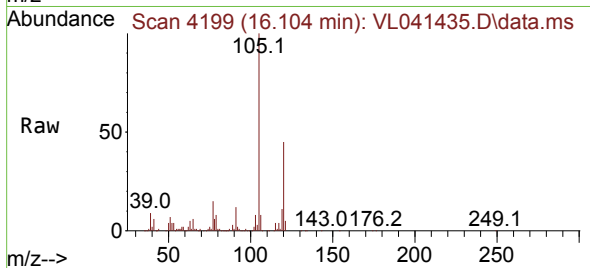




#65  
tert-Butylbenzene  
Concen: 0.048 ppbv  
RT: 16.104 min Scan# 4199  
Delta R.T. 0.013 min  
Lab File: VL041435.D  
Acq: 29 Jul 2024 19:02

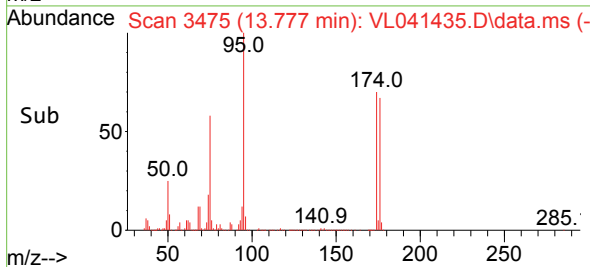
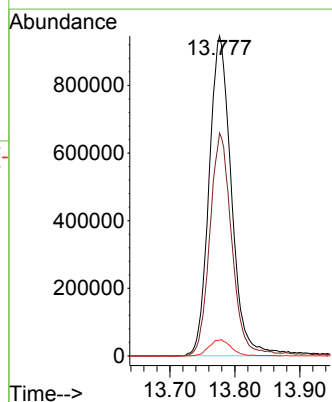
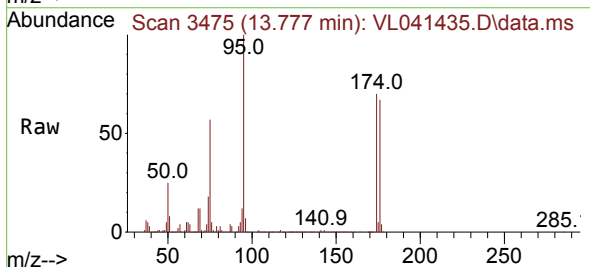
Instrument :  
MSVOA\_L  
ClientSampleId :  
ACVI-SS-06

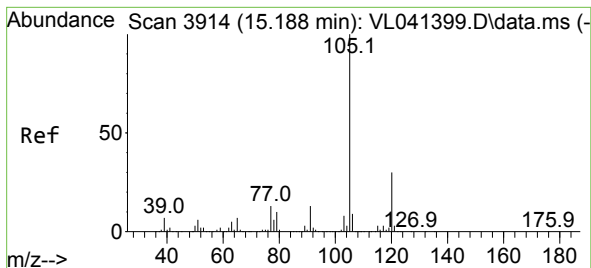
Tgt Ion:119 Resp: 17540  
Ion Ratio Lower Upper  
119 100  
91 247.1 64.2 96.2#  
134 2.6 15.7 23.5#



#68  
1-Bromo-4-Fluorobenzene  
Concen: 10.276 ppbv  
RT: 13.777 min Scan# 3475  
Delta R.T. 0.003 min  
Lab File: VL041435.D  
Acq: 29 Jul 2024 19:02

Tgt Ion: 95 Resp: 2248620  
Ion Ratio Lower Upper  
95 100  
174 70.3 56.3 84.5  
175 5.1 4.0 6.0





#72

4-Ethyltoluene

Concen: 0.402 ppbv

RT: 15.194 min Scan# 3916

Delta R.T. 0.003 min

Lab File: VL041435.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA\_L

ClientSampleId :

ACVI-SS-06

Tgt Ion:105 Resp: 126678

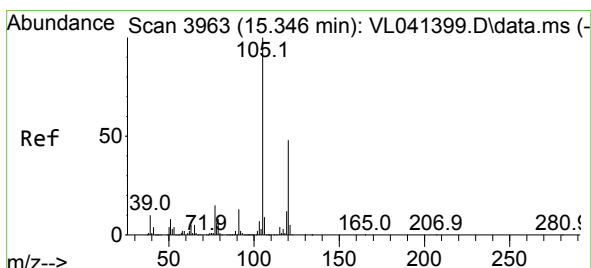
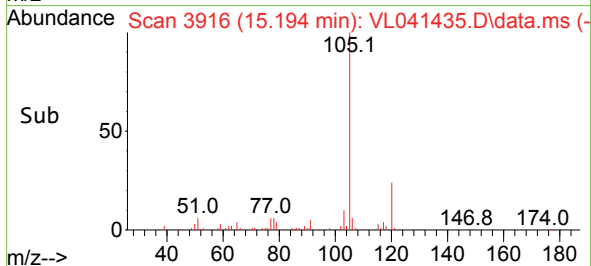
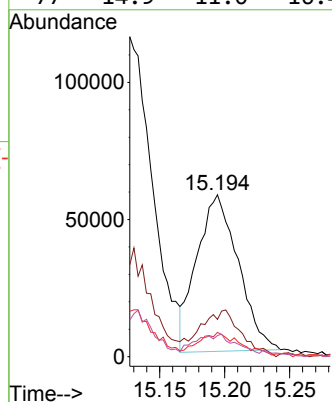
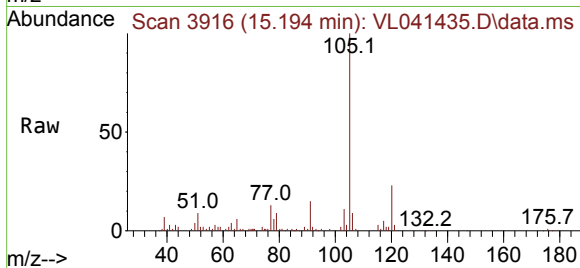
Ion Ratio Lower Upper

105 100

120 29.8 24.2 36.2

91 15.7 10.4 15.6#

77 14.9 11.0 16.4



#73

1,3,5-Trimethylbenzene

Concen: 0.295 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. 0.006 min

Lab File: VL041435.D

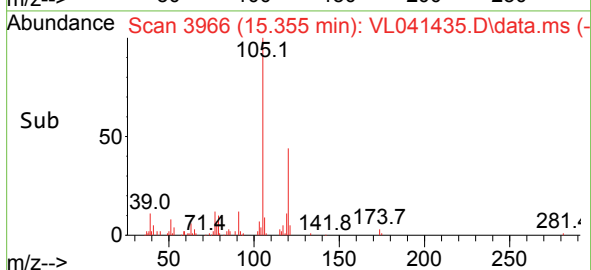
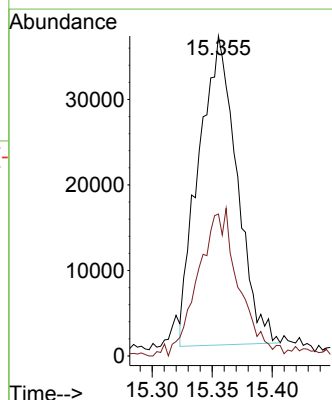
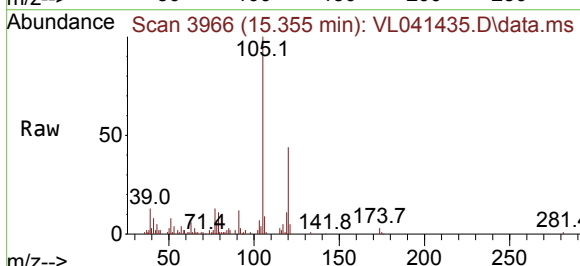
Acq: 29 Jul 2024 19:02

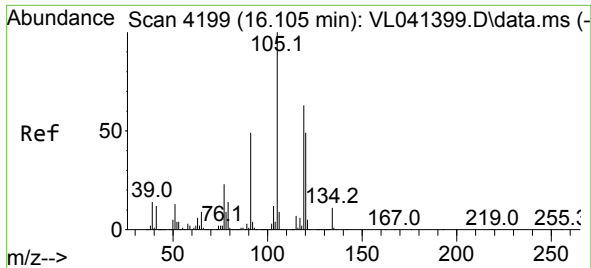
Tgt Ion:105 Resp: 80005

Ion Ratio Lower Upper

105 100

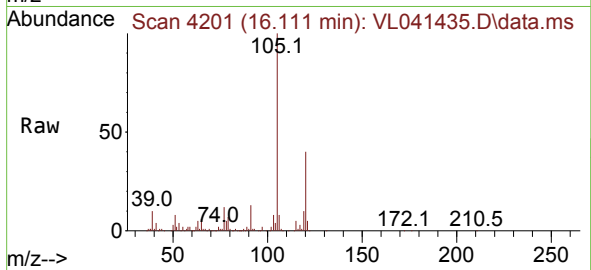
120 42.9 38.6 57.8





#74  
 1,2,4-Trimethylbenzene  
 Concen: 1.084 ppbv  
 RT: 16.111 min Scan# 4199  
 Delta R.T. 0.003 min  
 Lab File: VL041435.D  
 Acq: 29 Jul 2024 19:02

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 ACVI-SS-06



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 341972 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 120      | 40.4  | 39.5  | 59.3   |
| 91       | 12.2  | 39.8  | 59.8#  |
| 77       | 11.5  | 18.2  | 27.4#  |

