

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL082125\  
 Data File : VL042875.D  
 Acq On : 21 Aug 2025 20:49  
 Operator : SY/MD  
 Sample : Q2898-01 10X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1

Quant Time: Aug 22 01:28:32 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL081325AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Thu Aug 14 02:12:54 2025  
 Response via : Initial Calibration

| Compound                | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|-------|------|----------|--------|-------|----------|
| -----                   |       |      |          |        |       |          |
| Internal Standards      |       |      |          |        |       |          |
| 1) Bromochloromethane   | 2.794 | 49   | 129055   | 10.000 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 3.965 | 114  | 359766   | 10.000 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 8.888 | 117  | 312105   | 10.000 | ppbv  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.380 | 95    | 245698   | 10.497   | ppbv | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 105.000% |

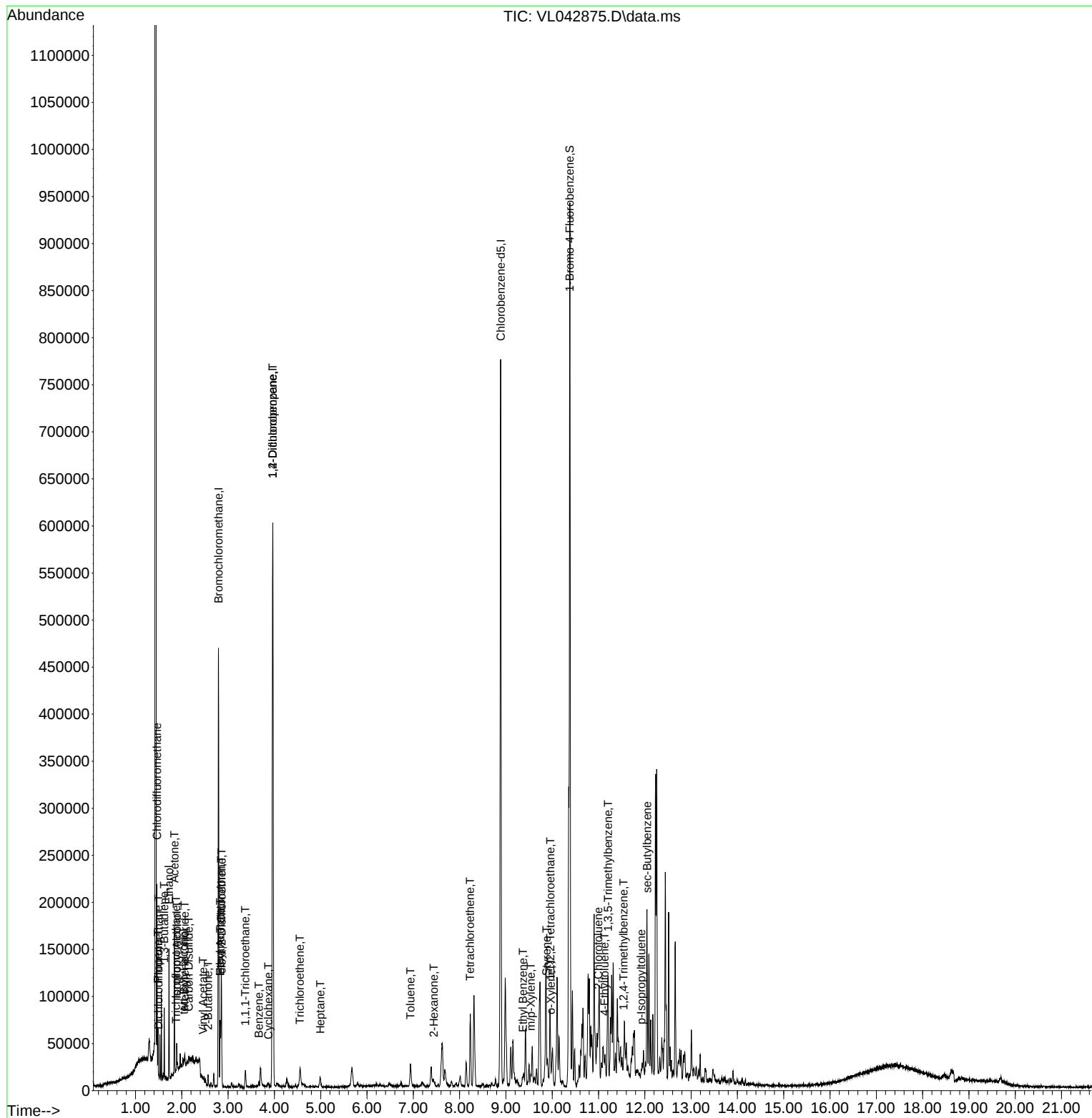
| Target Compounds              |        |     |       |        |        | Qvalue |
|-------------------------------|--------|-----|-------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.496  | 85  | 1133  | 0.060  | ppbv   | 93     |
| 3) Chlorodifluoromethane      | 1.463  | 51  | 46346 | 2.217  | ppbv # | 60     |
| 9) Propene                    | 1.486  | 41  | 4423  | 0.490  | ppbv   | 96     |
| 10) Heptane                   | 4.991  | 43  | 1850  | 0.077  | ppbv # | 26     |
| 11) Trichlorofluoromethane    | 1.878  | 101 | 682   | 0.037  | ppbv # | 40     |
| 13) Ethanol                   | 1.722  | 45  | 47758 | 57.850 | ppbv   | 89     |
| 15) Acetone                   | 1.839  | 43  | 60296 | 3.532  | ppbv   | 99     |
| 16) 1,3-Butadiene             | 1.622  | 39  | 3998  | 0.517  | ppbv # | 10     |
| 17) tert-Butyl alcohol        | 2.046  | 59  | 2411  | 0.119  | ppbv # | 75     |
| 19) Isopropyl Alcohol         | 1.891  | 45  | 12424 | 1.218  | ppbv # | 1      |
| 20) Methylene Chloride        | 2.062  | 84  | 1651  | 0.231  | ppbv   | 90     |
| 23) Vinyl Acetate             | 2.460  | 43  | 918   | 0.039  | ppbv # | 1      |
| 25) Ethyl Acetate             | 2.829  | 43  | 12212 | 0.296  | ppbv # | 88     |
| 26) Hexane                    | 2.829  | 57  | 16759 | 0.879  | ppbv # | 45     |
| 27) Carbon Disulfide          | 2.153  | 76  | 3496  | 0.188  | ppbv # | 1      |
| 29) Chloroform                | 2.852  | 83  | 48050 | 1.765  | ppbv   | 94     |
| 30) Cyclohexane               | 3.868  | 84  | 416   | 0.025  | ppbv # | 1      |
| 31) cis-1,2-Dichloroethene    | 2.861  | 61  | 2342  | 0.123  | ppbv # | 22     |
| 32) 1,1,1-Trichloroethane     | 3.373  | 97  | 7578  | 0.263  | ppbv   | 95     |
| 34) 2-Butanone                | 2.567  | 43  | 6505  | 0.268  | ppbv   | 99     |
| 36) Benzene                   | 3.664  | 78  | 2719  | 0.079  | ppbv # | 69     |
| 38) Trichloroethene           | 4.551  | 130 | 2849  | 0.181  | ppbv   | 86     |
| 39) 1,2-Dichloropropane       | 3.965  | 63  | 92621 | 7.361  | ppbv # | 25     |
| 51) 2-Hexanone                | 7.441  | 43  | 884   | 0.034  | ppbv # | 27     |
| 52) Tetrachloroethene         | 8.225  | 164 | 5425  | 0.435  | ppbv   | 95     |
| 53) Toluene                   | 6.940  | 91  | 10684 | 0.261  | ppbv # | 65     |
| 58) Ethyl Benzene             | 9.367  | 91  | 3253  | 0.059  | ppbv   | 99     |
| 59) m/p-Xylene                | 9.539  | 91  | 7047  | 0.163  | ppbv # | 100    |
| 60) o-Xylene                  | 9.969  | 91  | 4391  | 0.101  | ppbv   | 86     |
| 61) Styrene                   | 9.875  | 104 | 1284  | 0.063  | ppbv # | 59     |
| 63) 1,1,2,2-Tetrachloroethane | 9.959  | 83  | 622   | 0.026  | ppbv # | 25     |
| 67) sec-Butylbenzene          | 12.050 | 105 | 1586  | 0.020  | ppbv   | 99     |
| 69) p-Isopropyltoluene        | 11.924 | 119 | 2763  | 0.041  | ppbv # | 71     |
| 71) 2-Chlorotoluene           | 10.992 | 91  | 2465  | 0.050  | ppbv   | 72     |
| 72) 4-Ethyltoluene            | 11.131 | 105 | 2408  | 0.046  | ppbv # | 76     |
| 73) 1,3,5-Trimethylbenzene    | 11.206 | 105 | 2619  | 0.059  | ppbv # | 80     |
| 74) 1,2,4-Trimethylbenzene    | 11.542 | 105 | 6350  | 0.129  | ppbv # | 72     |

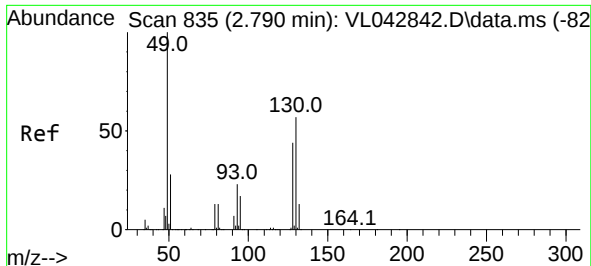
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL082125\  
Data File : VL042875.D  
Acq On : 21 Aug 2025 20:49  
Operator : SY/MD  
Sample : Q2898-01 10X  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

Quant Time: Aug 22 01:28:32 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL081325AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
QLast Update : Thu Aug 14 02:12:54 2025  
Response via : Initial Calibration

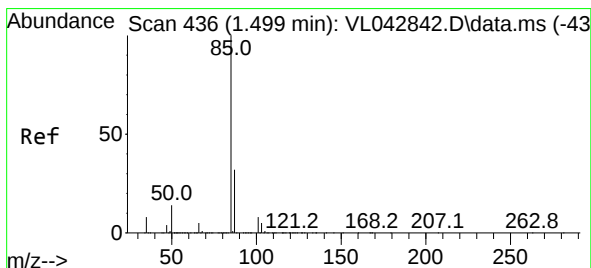
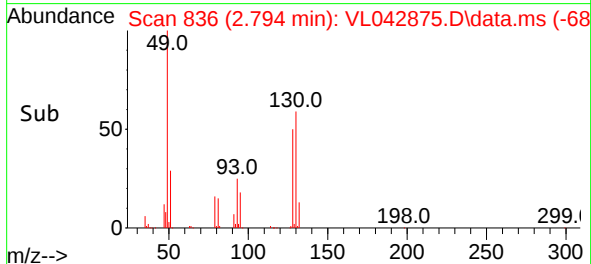
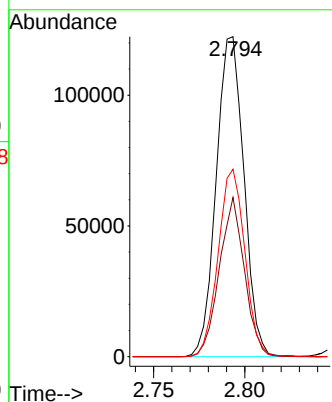
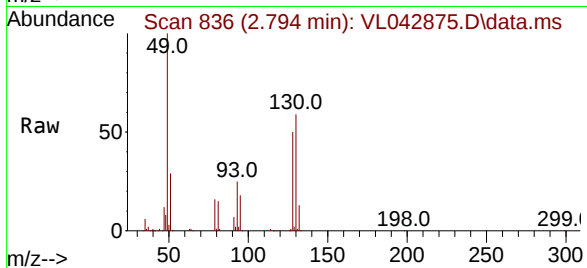




#1  
 Bromochloromethane  
 Concen: 10.000 ppbv  
 RT: 2.794 min Scan# 835  
 Delta R.T. 0.004 min  
 Lab File: VL042875.D  
 Acq: 21 Aug 2025 20:49

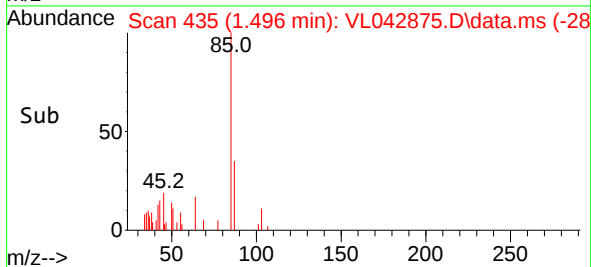
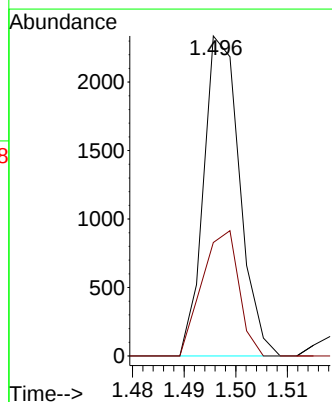
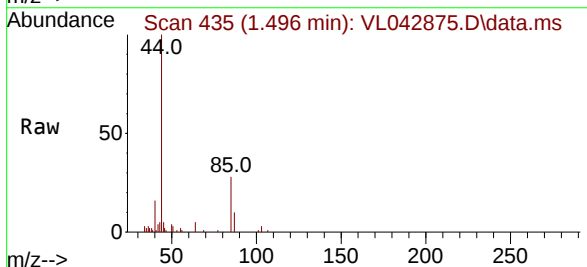
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1

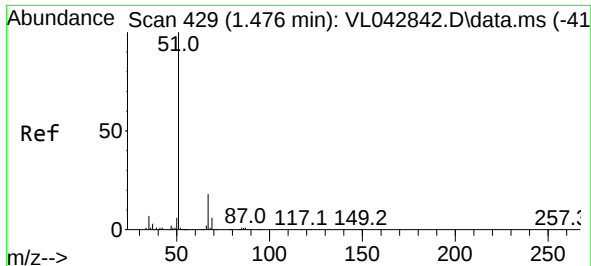
Tgt Ion: 49 Resp: 129055  
 Ion Ratio Lower Upper  
 49 100  
 128 45.2 23.7 71.1  
 130 56.6 30.6 91.6



#2  
 Dichlorodifluoromethane  
 Concen: 0.060 ppbv  
 RT: 1.496 min Scan# 435  
 Delta R.T. -0.003 min  
 Lab File: VL042875.D  
 Acq: 21 Aug 2025 20:49

Tgt Ion: 85 Resp: 1133  
 Ion Ratio Lower Upper  
 85 100  
 87 35.4 25.3 37.9

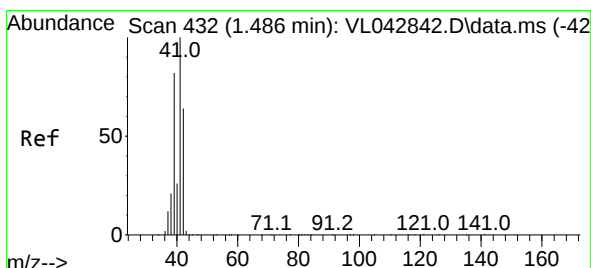
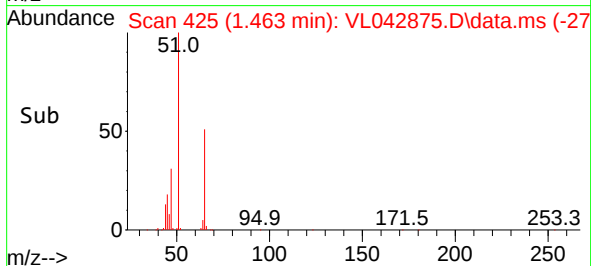
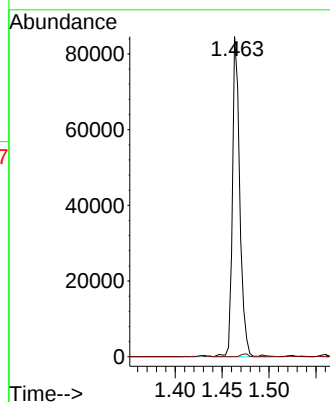
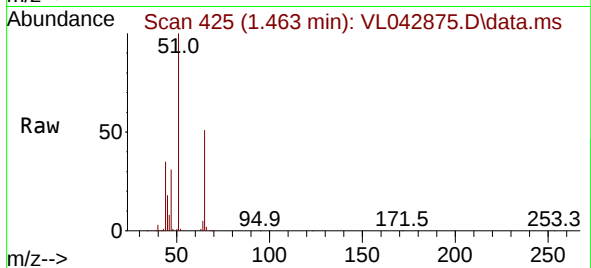




#3  
Chlorodifluoromethane  
Concen: 2.217 ppbv  
RT: 1.463 min Scan# 41  
Delta R.T. -0.013 min  
Lab File: VL042875.D  
Acq: 21 Aug 2025 20:49

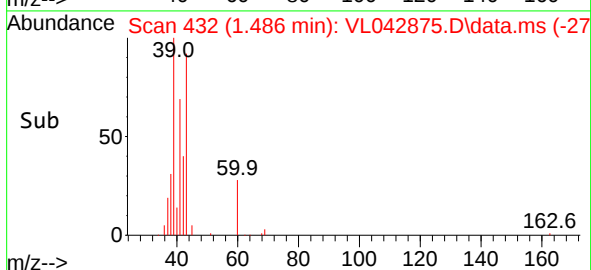
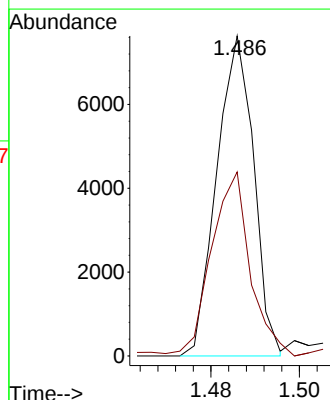
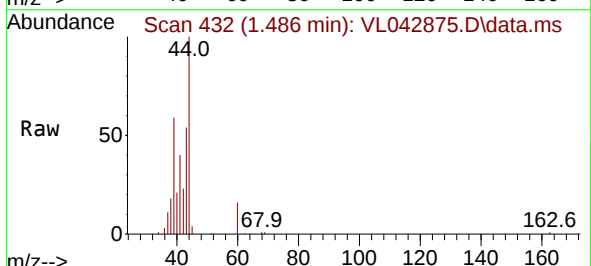
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

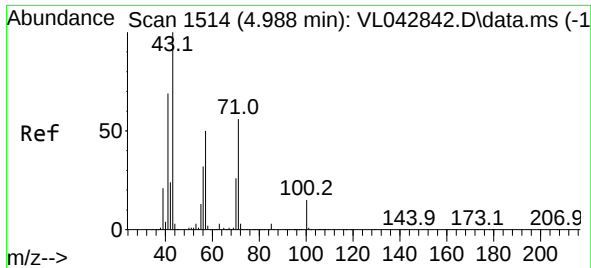
Tgt Ion: 51 Resp: 46346  
Ion Ratio Lower Upper  
51 100  
67 0.8 14.9 22.3#



#9  
Propene  
Concen: 0.490 ppbv  
RT: 1.486 min Scan# 432  
Delta R.T. 0.000 min  
Lab File: VL042875.D  
Acq: 21 Aug 2025 20:49

Tgt Ion: 41 Resp: 4423  
Ion Ratio Lower Upper  
41 100  
42 69.1 53.0 79.4

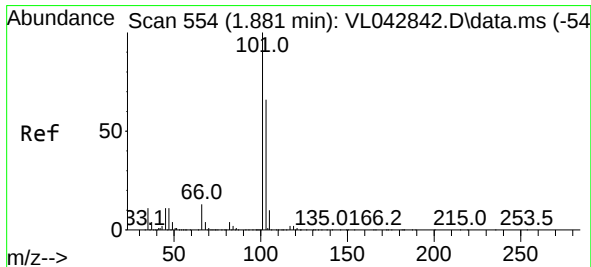
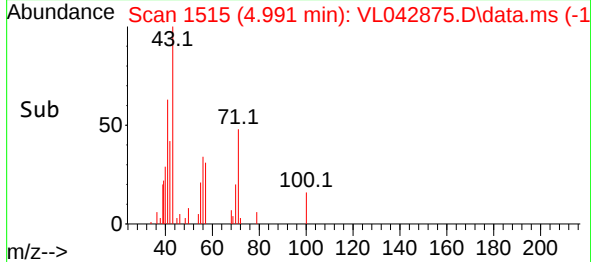
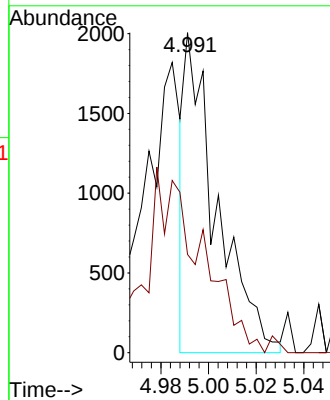
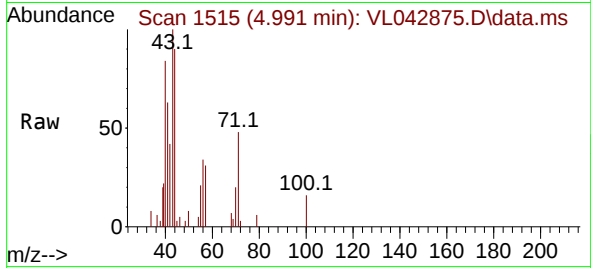




#10  
Heptane  
Concen: 0.077 ppbv  
RT: 4.991 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VL042875.D  
Acq: 21 Aug 2025 20:49

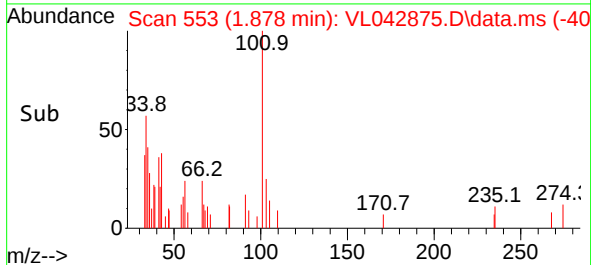
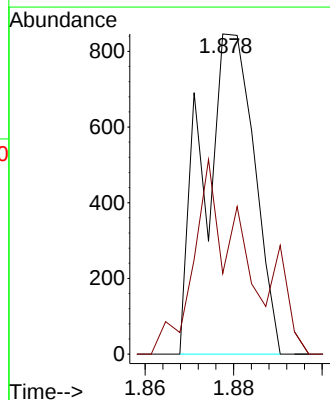
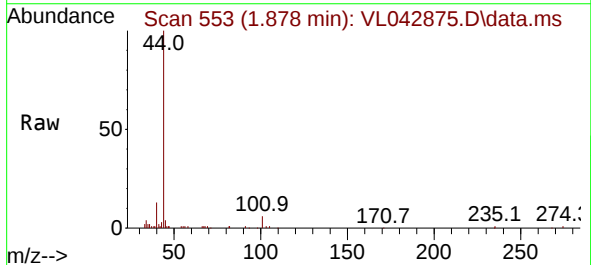
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

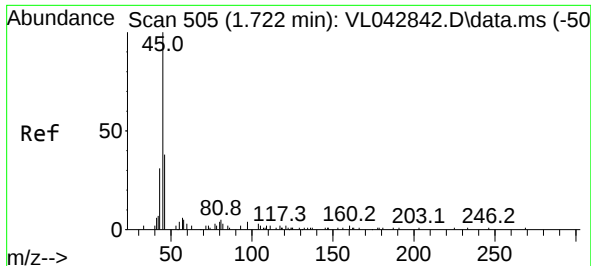
Tgt Ion: 43 Resp: 1850  
Ion Ratio Lower Upper  
43 100  
57 0.0 41.4 62.0#



#11  
Trichlorofluoromethane  
Concen: 0.037 ppbv  
RT: 1.878 min Scan# 553  
Delta R.T. -0.003 min  
Lab File: VL042875.D  
Acq: 21 Aug 2025 20:49

Tgt Ion: 101 Resp: 682  
Ion Ratio Lower Upper  
101 100  
103 18.4 52.5 78.7#

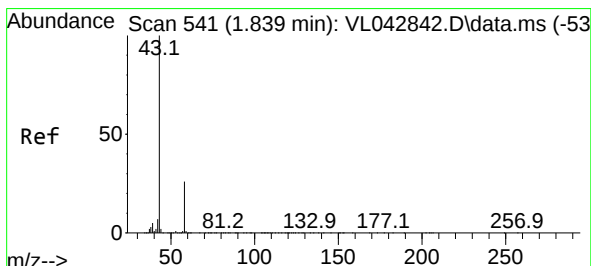
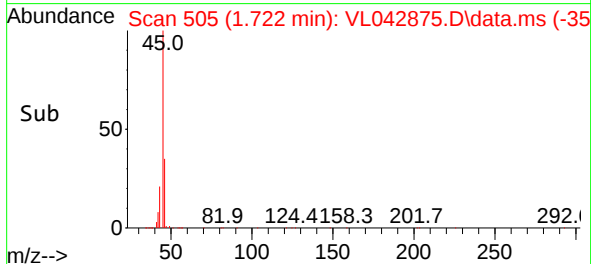
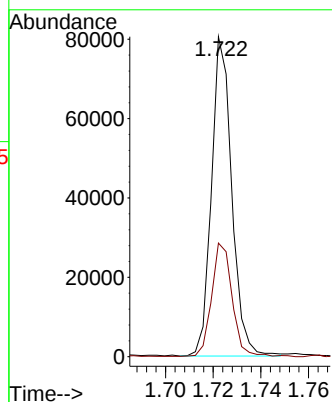
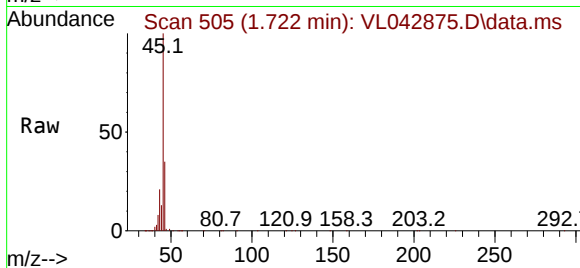




#13  
Ethanol  
Concen: 57.850 ppbv  
RT: 1.722 min Scan# 505  
Delta R.T. 0.000 min  
Lab File: VL042875.D  
Acq: 21 Aug 2025 20:49

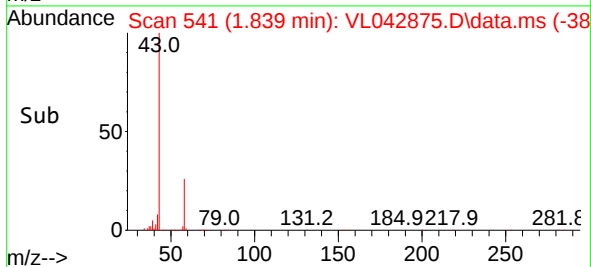
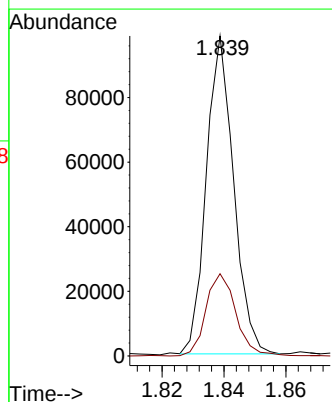
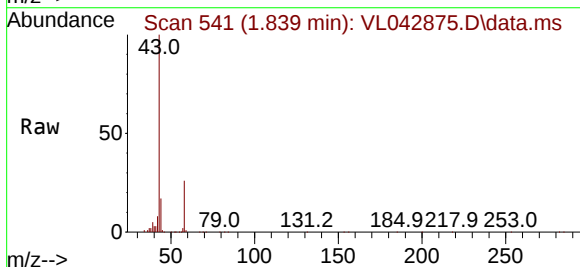
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

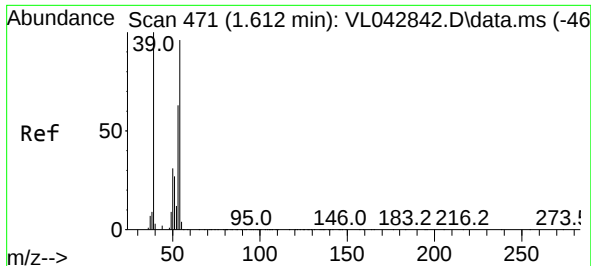
Tgt Ion: 45 Resp: 47758  
Ion Ratio Lower Upper  
45 100  
46 36.6 17.5 69.9



#15  
Acetone  
Concen: 3.532 ppbv  
RT: 1.839 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: VL042875.D  
Acq: 21 Aug 2025 20:49

Tgt Ion: 43 Resp: 60296  
Ion Ratio Lower Upper  
43 100  
58 28.6 22.4 33.6





#16

1,3-Butadiene

Concen: 0.517 ppbv

RT: 1.622 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL042875.D

Acq: 21 Aug 2025 20:49

Instrument :

MSVOA\_L

ClientSampleId :

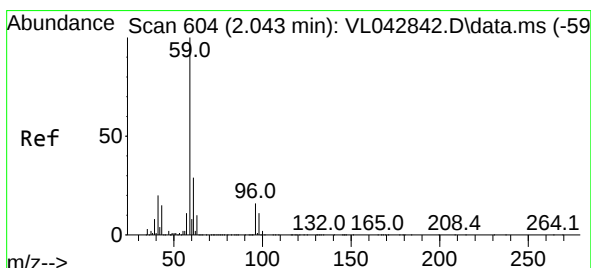
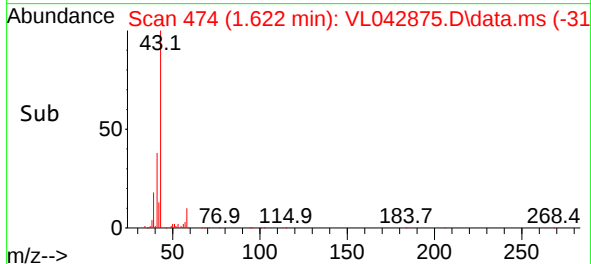
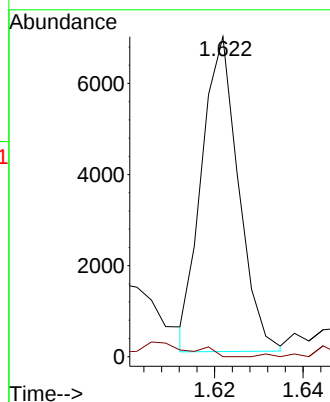
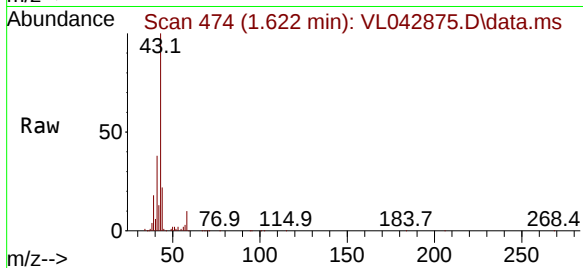
SV1

Tgt Ion: 39 Resp: 3998

Ion Ratio Lower Upper

39 100

54 0.0 63.6 95.4#



#17

tert-Butyl alcohol

Concen: 0.119 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.003 min

Lab File: VL042875.D

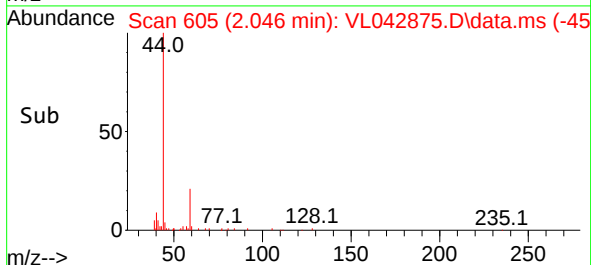
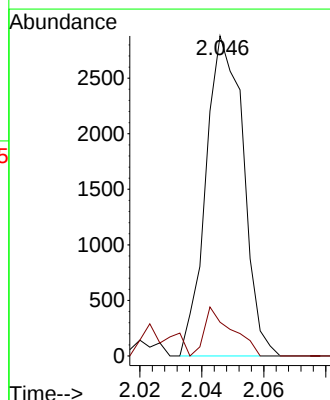
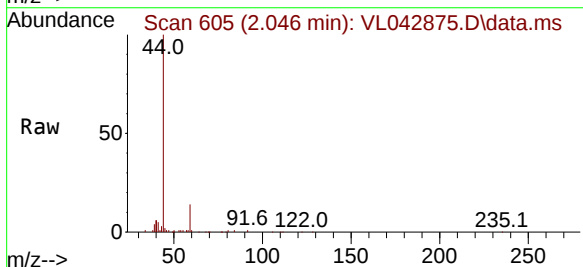
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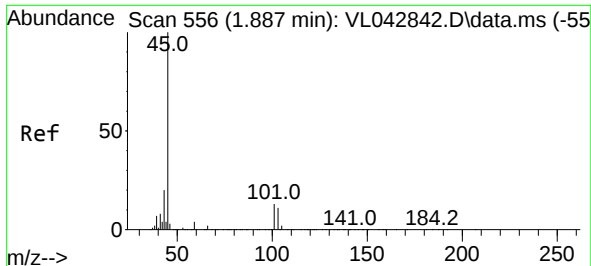
Tgt Ion: 59 Resp: 2411

Ion Ratio Lower Upper

59 100

57 20.8 9.0 13.4#

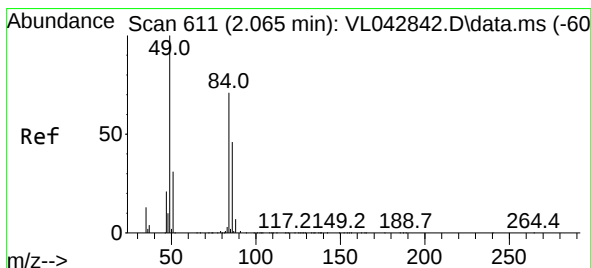
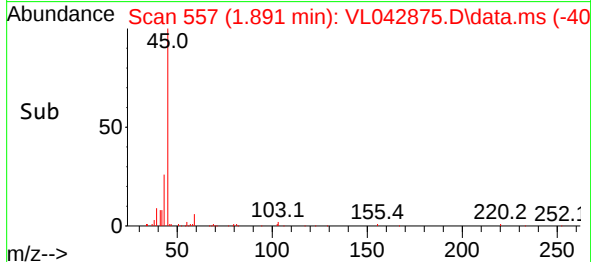
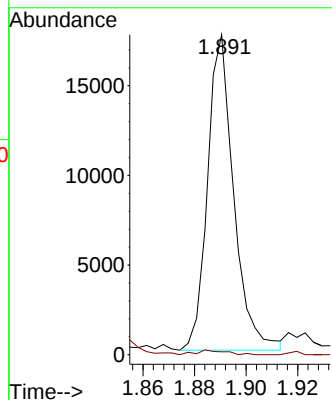
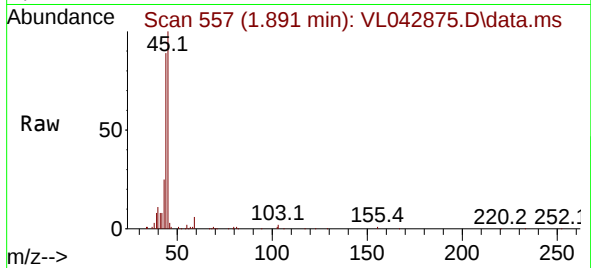




#19  
Isopropyl Alcohol  
Concen: 1.218 ppbv  
RT: 1.891 min Scan# 511  
Delta R.T. 0.003 min  
Lab File: VL042875.D  
Acq: 21 Aug 2025 20:49

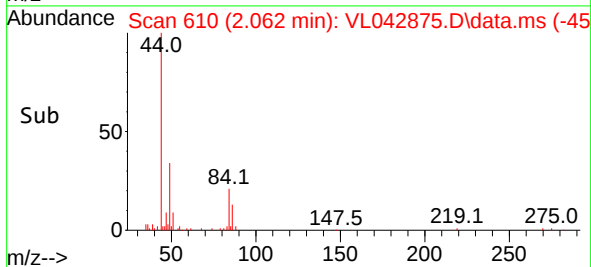
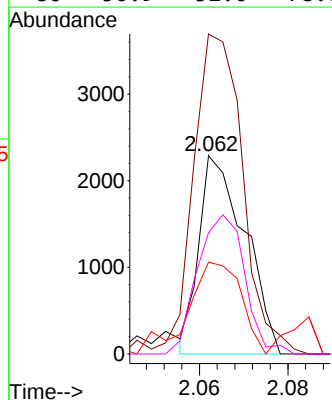
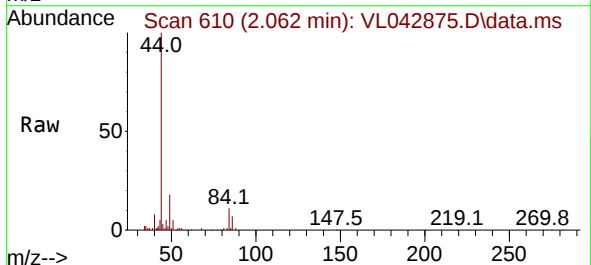
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

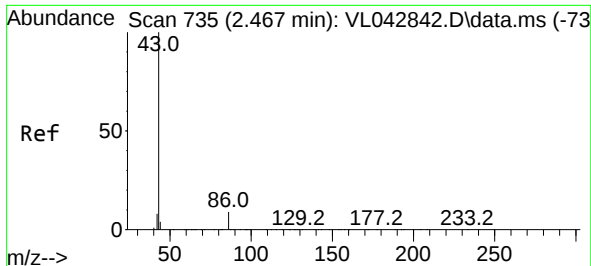
Tgt Ion: 45 Resp: 12424  
Ion Ratio Lower Upper  
45 100  
58 138.6 32.7 49.1#



#20  
Methylene Chloride  
Concen: 0.231 ppbv  
RT: 2.062 min Scan# 610  
Delta R.T. -0.003 min  
Lab File: VL042875.D  
Acq: 21 Aug 2025 20:49

Tgt Ion: 84 Resp: 1651  
Ion Ratio Lower Upper  
84 100  
49 152.0 112.3 168.5  
51 37.1 36.0 54.0  
86 56.9 52.0 78.0

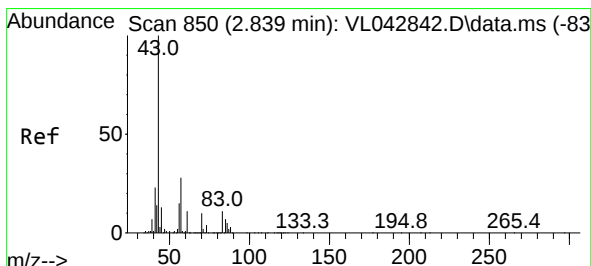
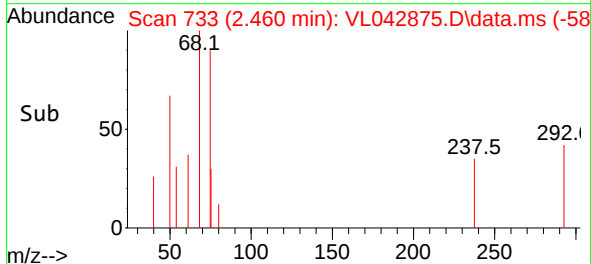
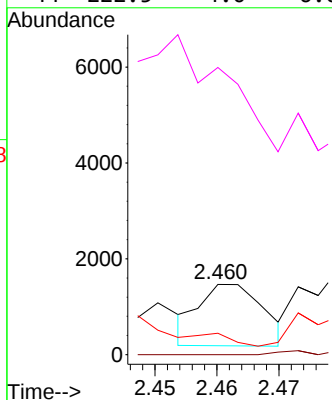
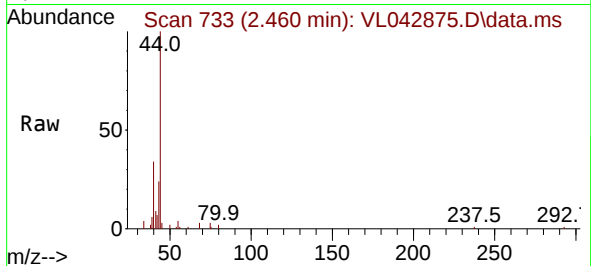




#23  
 Vinyl Acetate  
 Concen: 0.039 ppbv  
 RT: 2.460 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: VL042875.D  
 Acq: 21 Aug 2025 20:49

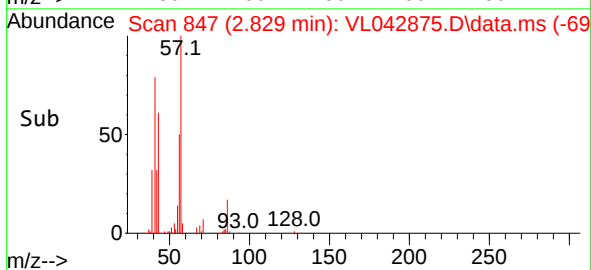
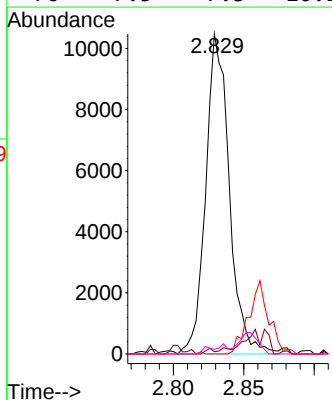
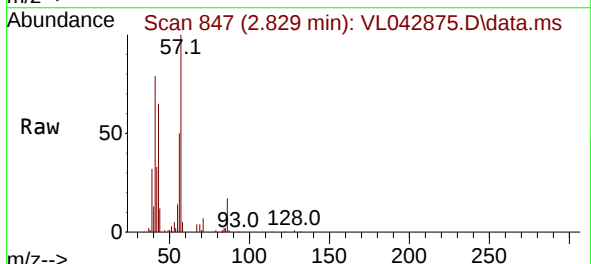
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1

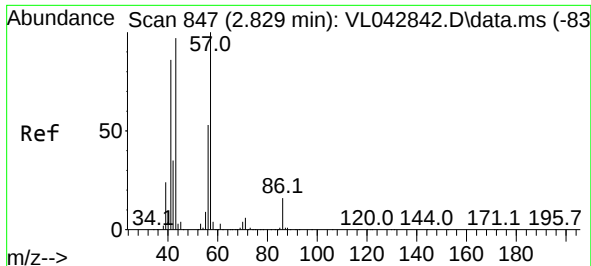
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 918   |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 86 0.0      | 6.6 9.8#    |
| 42 24.2     | 7.0 10.6#   |
| 44 222.5    | 4.0 6.0#    |



#25  
 Ethyl Acetate  
 Concen: 0.296 ppbv  
 RT: 2.829 min Scan# 847  
 Delta R.T. -0.010 min  
 Lab File: VL042875.D  
 Acq: 21 Aug 2025 20:49

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 12212 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 45 8.5      | 8.1 12.1    |
| 61 19.6     | 7.4 11.2#   |
| 70 7.5      | 7.3 10.9    |

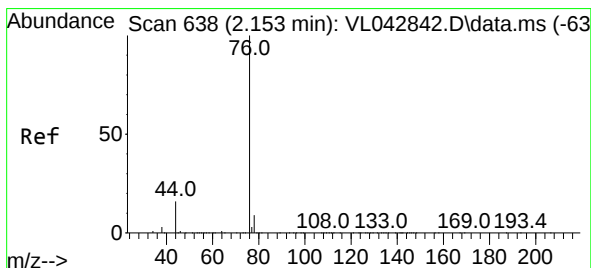
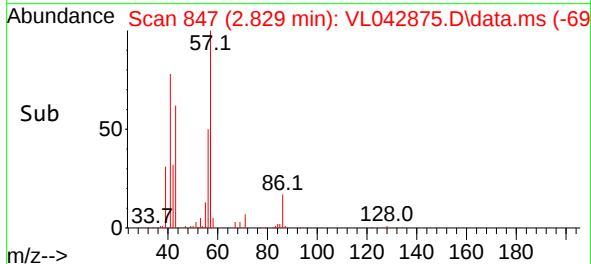
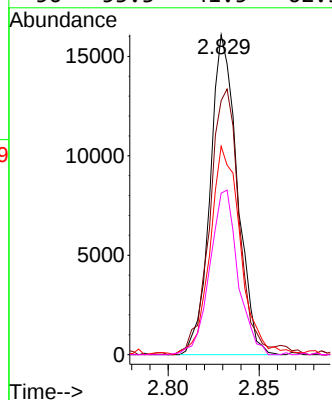
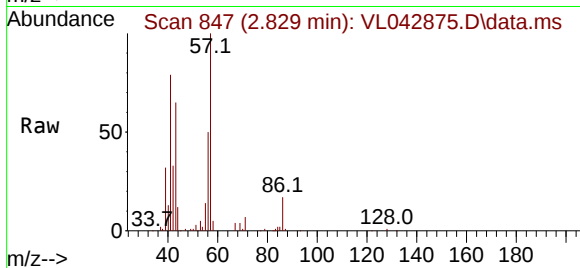




#26  
Hexane  
Concen: 0.879 ppbv  
RT: 2.829 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VL042875.D  
Acq: 21 Aug 2025 20:49

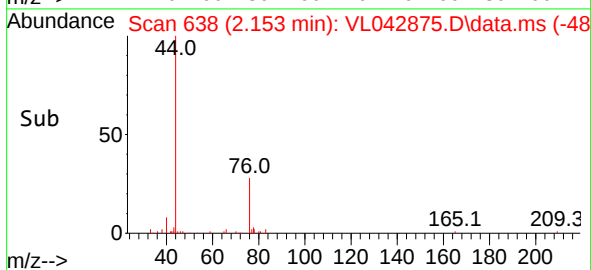
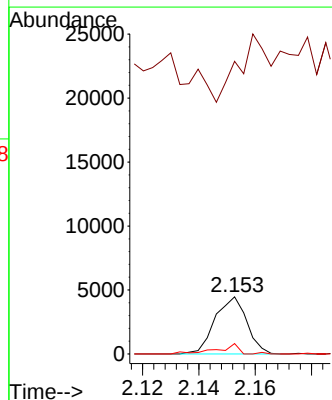
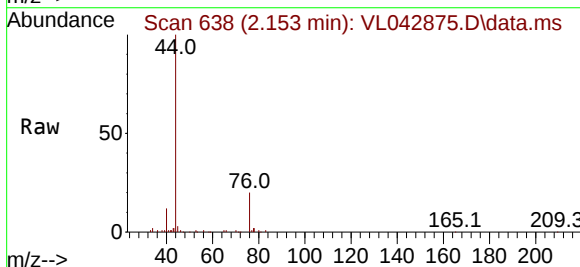
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

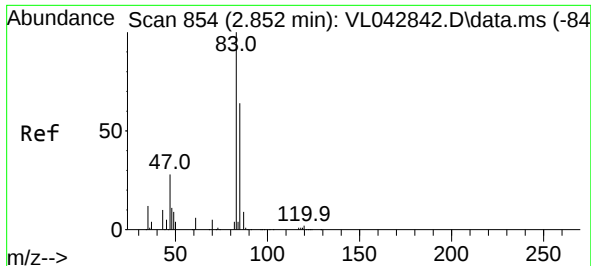
|             |             |       |        |
|-------------|-------------|-------|--------|
| Tgt Ion: 57 | Resp: 16759 |       |        |
| Ion         | Ratio       | Lower | Upper  |
| 57          | 100         |       |        |
| 41          | 92.9        | 68.6  | 103.0  |
| 43          | 74.2        | 168.5 | 252.7# |
| 56          | 53.3        | 41.5  | 62.3   |



#27  
Carbon Disulfide  
Concen: 0.188 ppbv  
RT: 2.153 min Scan# 638  
Delta R.T. 0.000 min  
Lab File: VL042875.D  
Acq: 21 Aug 2025 20:49

|          |        |       |       |
|----------|--------|-------|-------|
| Tgt Ion: | 76     | Resp: | 3496  |
| Ion      | Ratio  | Lower | Upper |
| 76       | 100    |       |       |
| 44       | 1281.4 | 15.9  | 23.9# |
| 78       | 12.4   | 9.5   | 14.3  |





#29

Chloroform

Concen: 1.765 ppbv

RT: 2.852 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL042875.D

Acq: 21 Aug 2025 20:49

Instrument :

MSVOA\_L

ClientSampleId :

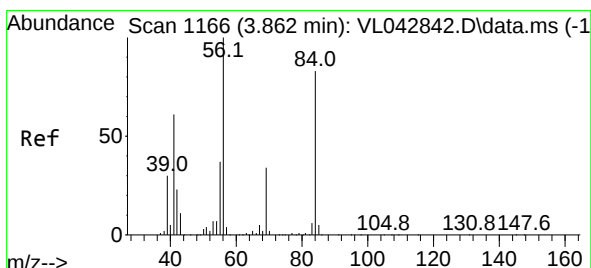
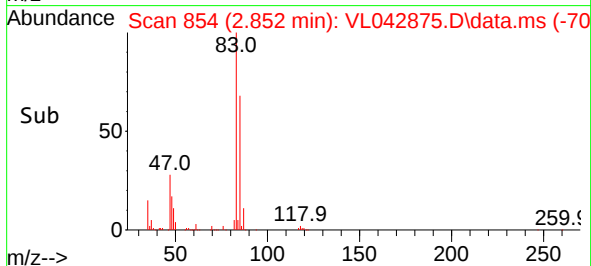
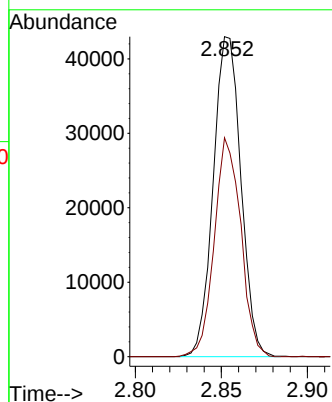
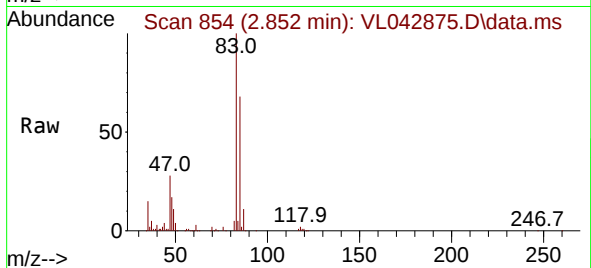
SV1

Tgt Ion: 83 Resp: 48050

Ion Ratio Lower Upper

83 100

85 68.4 51.1 76.7



#30

Cyclohexane

Concen: 0.025 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VL042875.D

Acq: 21 Aug 2025 20:49

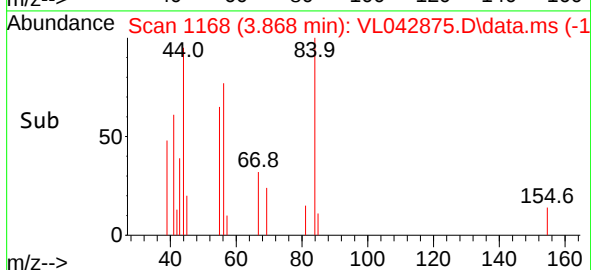
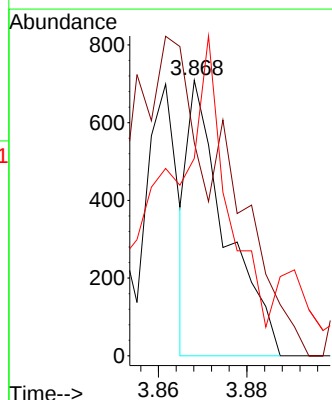
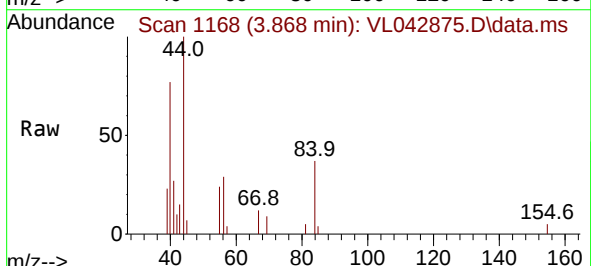
Tgt Ion: 84 Resp: 416

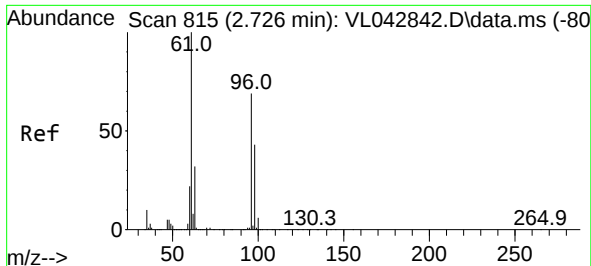
Ion Ratio Lower Upper

84 100

56 0.0 98.8 148.2#

41 400.2 61.3 91.9#

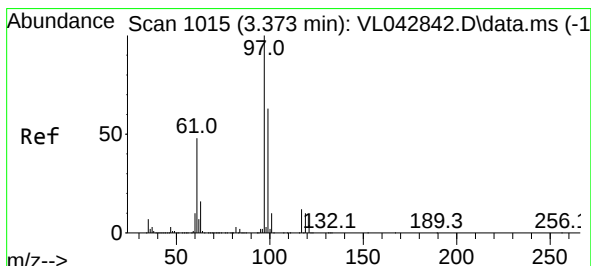
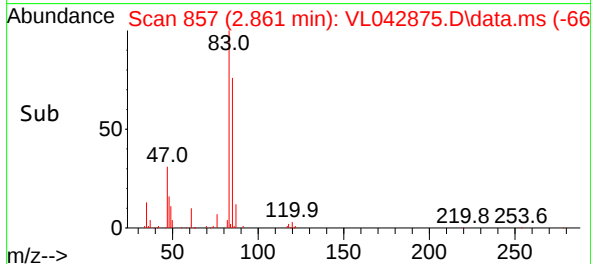
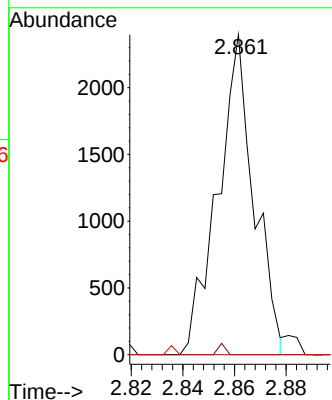
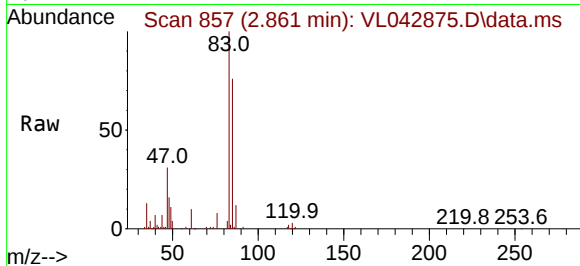




#31  
 cis-1,2-Dichloroethene  
 Concen: 0.123 ppbv  
 RT: 2.861 min Scan# 815  
 Delta R.T. 0.136 min  
 Lab File: VL042875.D  
 Acq: 21 Aug 2025 20:49

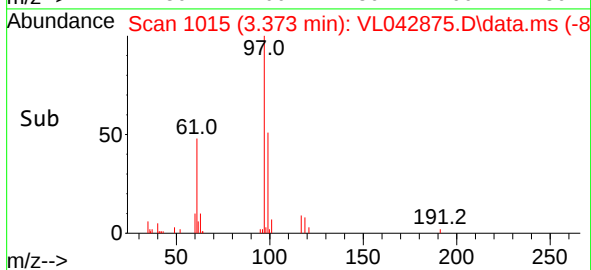
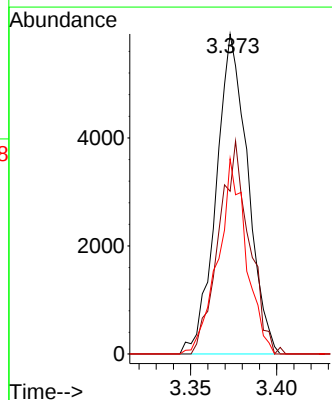
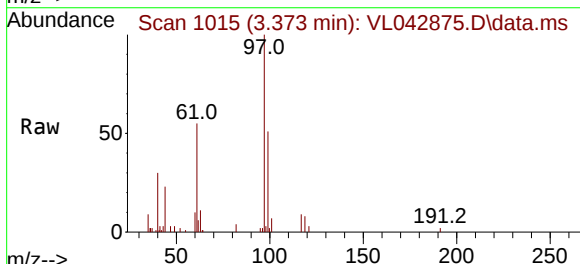
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1

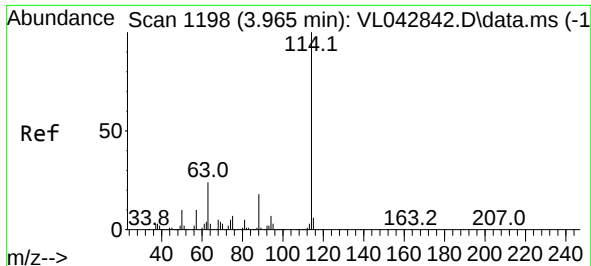
Tgt Ion: 61 Resp: 2342  
 Ion Ratio Lower Upper  
 61 100  
 96 0.0 55.0 82.6#  
 98 0.0 34.3 51.5#



#32  
 1,1,1-Trichloroethane  
 Concen: 0.263 ppbv  
 RT: 3.373 min Scan# 1015  
 Delta R.T. 0.000 min  
 Lab File: VL042875.D  
 Acq: 21 Aug 2025 20:49

Tgt Ion: 97 Resp: 7578  
 Ion Ratio Lower Upper  
 97 100  
 99 64.1 51.0 76.6  
 61 54.3 38.0 57.0

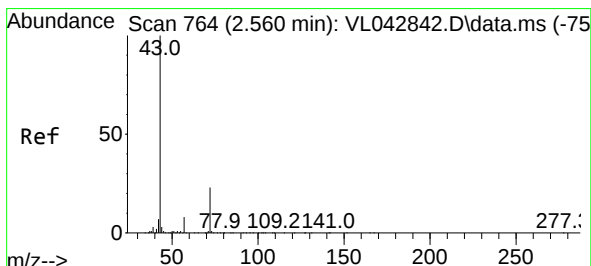
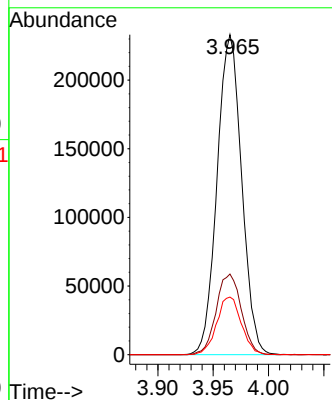
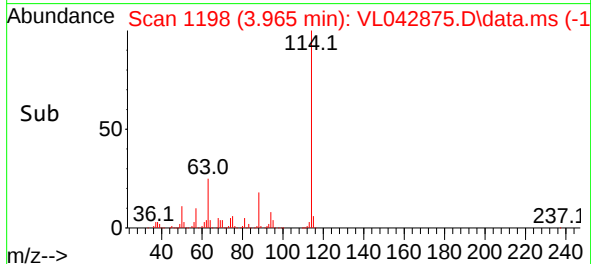
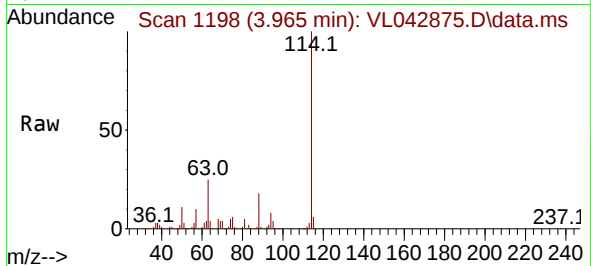




#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 3.965 min Scan# 1198  
 Delta R.T. 0.000 min  
 Lab File: VL042875.D  
 Acq: 21 Aug 2025 20:49

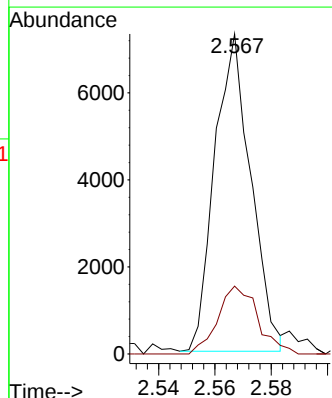
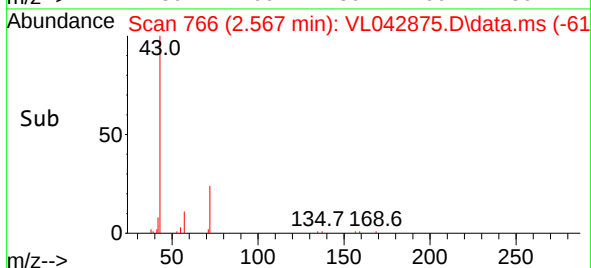
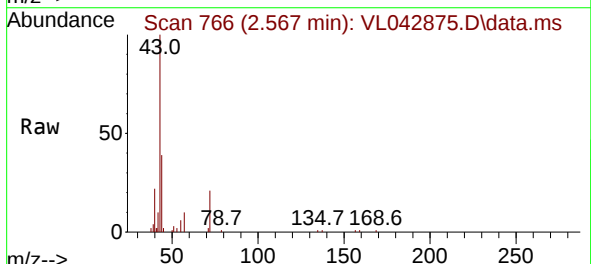
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1

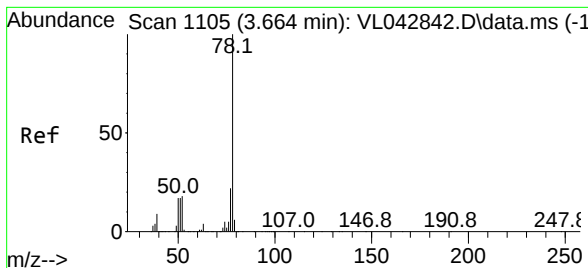
Tgt Ion:114 Resp: 359766  
 Ion Ratio Lower Upper  
 114 100  
 63 25.7 19.7 29.5  
 88 18.1 14.4 21.6



#34  
 2-Butanone  
 Concen: 0.268 ppbv  
 RT: 2.567 min Scan# 766  
 Delta R.T. 0.006 min  
 Lab File: VL042875.D  
 Acq: 21 Aug 2025 20:49

Tgt Ion: 43 Resp: 6505  
 Ion Ratio Lower Upper  
 43 100  
 72 23.6 18.6 28.0





#36

Benzene

Concen: 0.079 ppbv

RT: 3.664 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VL042875.D

Acq: 21 Aug 2025 20:49

Instrument :

MSVOA\_L

ClientSampleId :

SV1

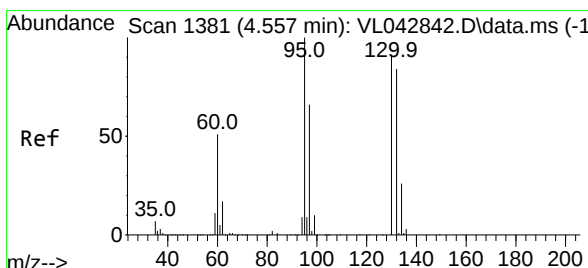
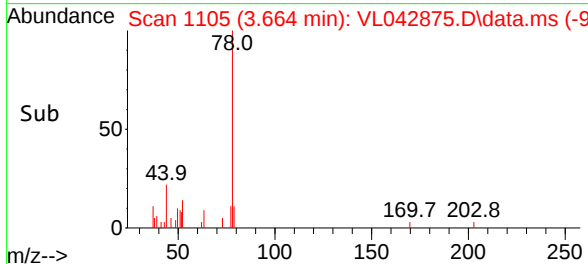
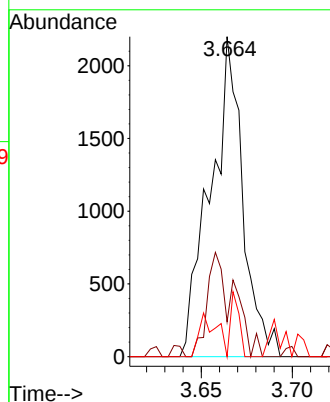
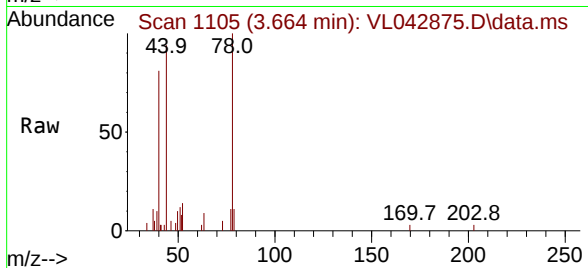
Tgt Ion: 78 Resp: 2719

Ion Ratio Lower Upper

78 100

77 10.9 17.7 26.5#

50 0.0 13.9 20.9#



#38

Trichloroethene

Concen: 0.181 ppbv

RT: 4.551 min Scan# 1379

Delta R.T. -0.006 min

Lab File: VL042875.D

Acq: 21 Aug 2025 20:49

Tgt Ion: 130 Resp: 2849

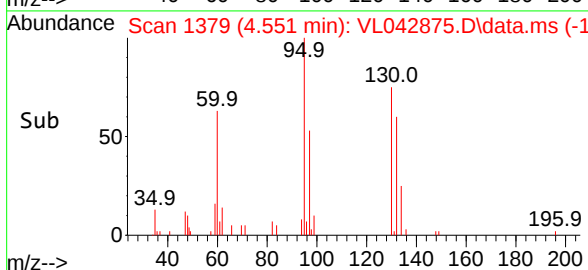
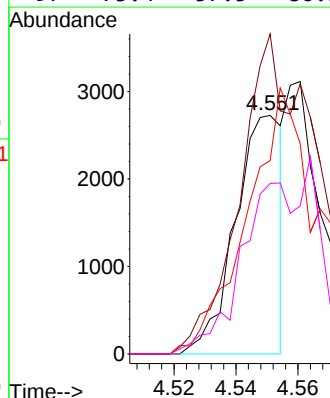
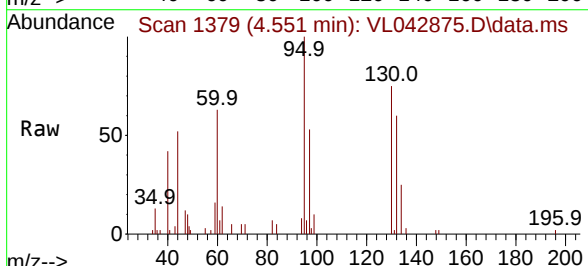
Ion Ratio Lower Upper

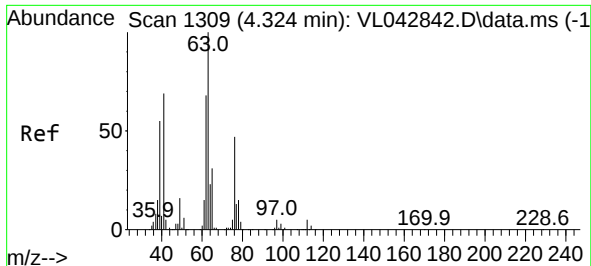
130 100

95 131.2 87.6 131.4

132 77.4 73.8 110.8

97 73.4 57.5 86.3





#39

1,2-Dichloropropane

Concen: 7.361 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.359 min

Lab File: VL042875.D

Acq: 21 Aug 2025 20:49

Instrument :

MSVOA\_L

ClientSampleId :

SV1

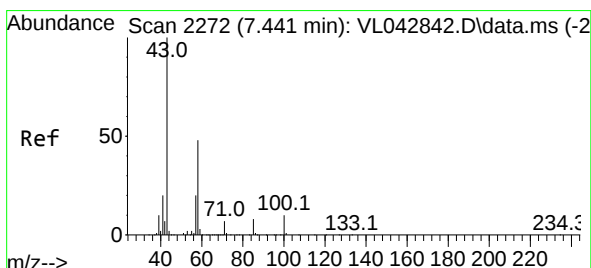
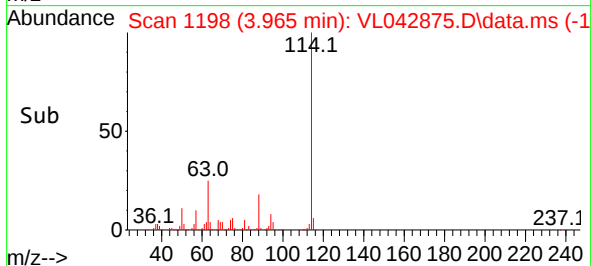
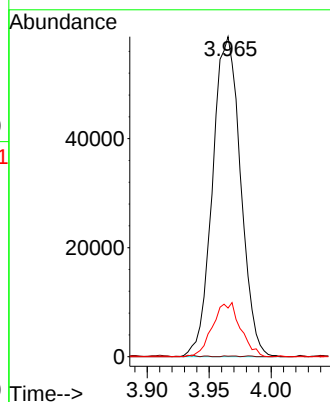
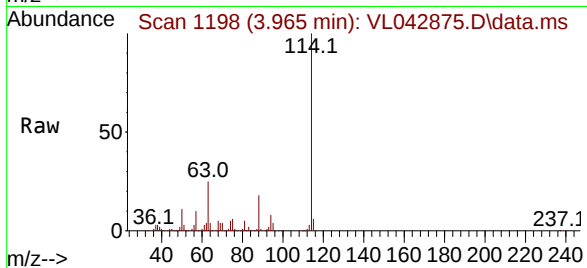
Tgt Ion: 63 Resp: 92621

Ion Ratio Lower Upper

63 100

41 0.2 55.0 82.4#

62 15.2 54.4 81.6#



#51

2-Hexanone

Concen: 0.034 ppbv

RT: 7.441 min Scan# 2272

Delta R.T. 0.000 min

Lab File: VL042875.D

Acq: 21 Aug 2025 20:49

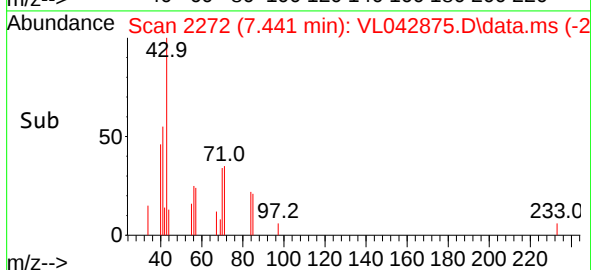
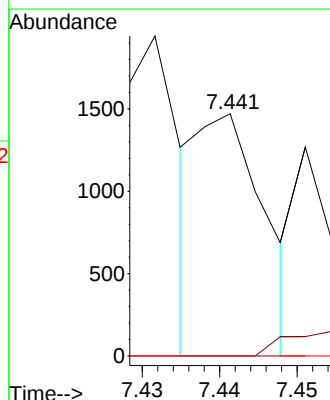
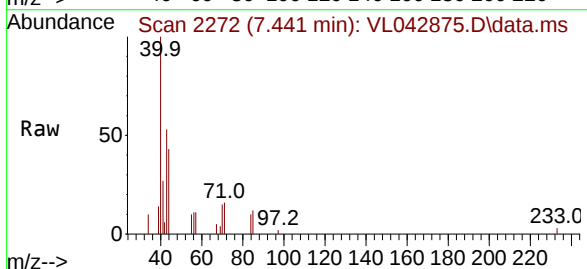
Tgt Ion: 43 Resp: 884

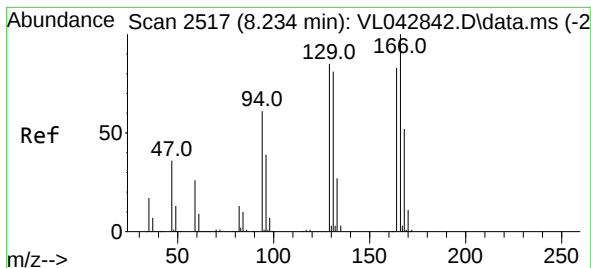
Ion Ratio Lower Upper

43 100

58 0.0 41.0 61.6#

98 0.0 0.1 0.1#





#52

Tetrachloroethene

Concen: 0.435 ppbv

RT: 8.225 min Scan# 2117

Delta R.T. -0.010 min

Lab File: VL042875.D

Acq: 21 Aug 2025 20:49

Instrument :

MSVOA\_L

ClientSampleId :

SV1

Tgt Ion:164 Resp: 5425

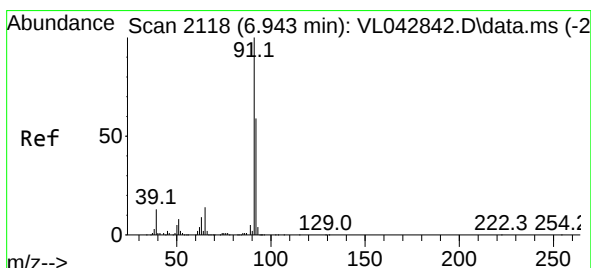
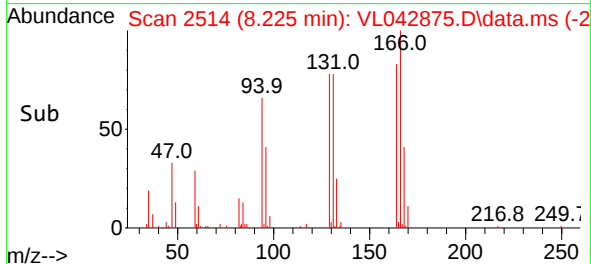
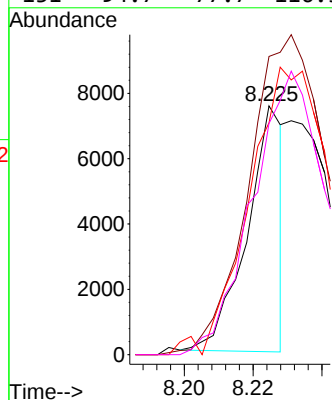
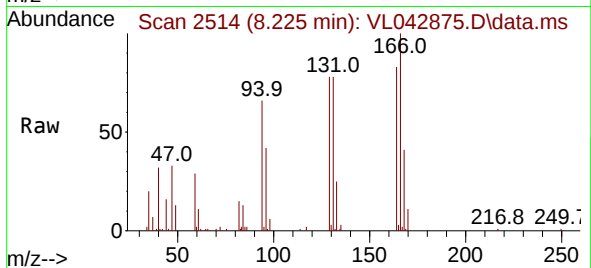
Ion Ratio Lower Upper

164 100

166 120.5 96.5 144.7

129 89.8 81.8 122.6

131 94.7 77.7 116.5



#53

Toluene

Concen: 0.261 ppbv

RT: 6.940 min Scan# 2117

Delta R.T. -0.003 min

Lab File: VL042875.D

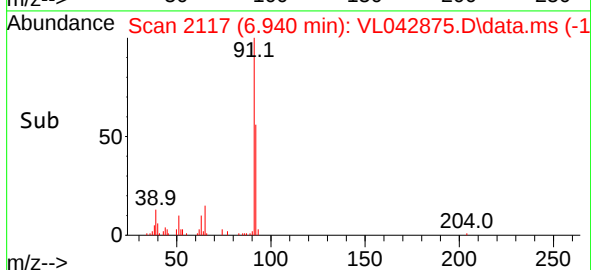
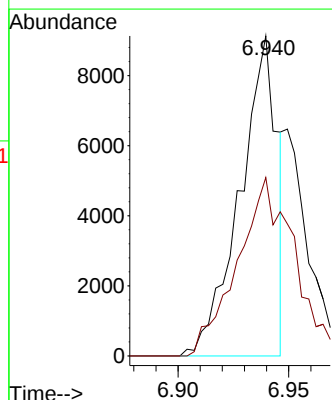
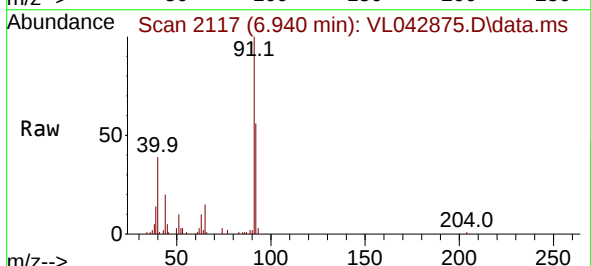
Acq: 21 Aug 2025 20:49

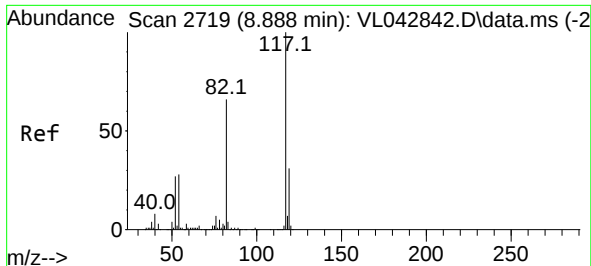
Tgt Ion: 91 Resp: 10684

Ion Ratio Lower Upper

91 100

92 86.1 47.8 71.6#

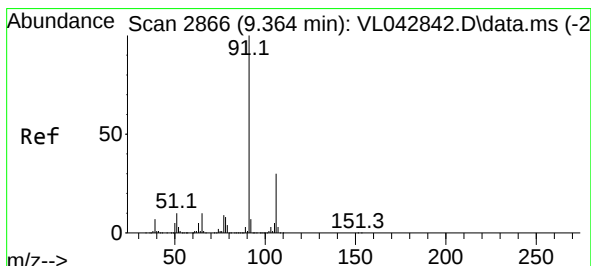
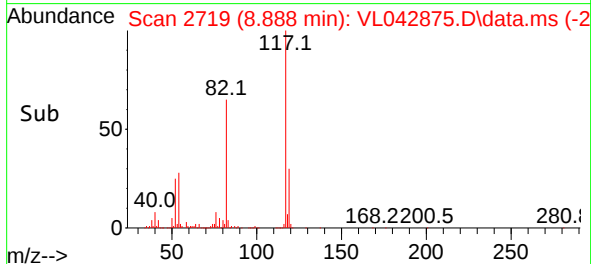
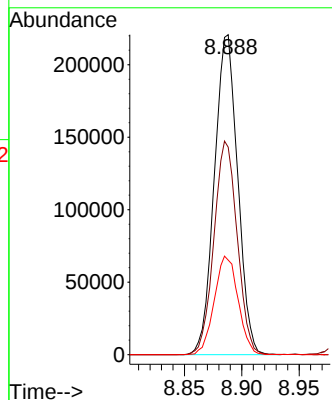
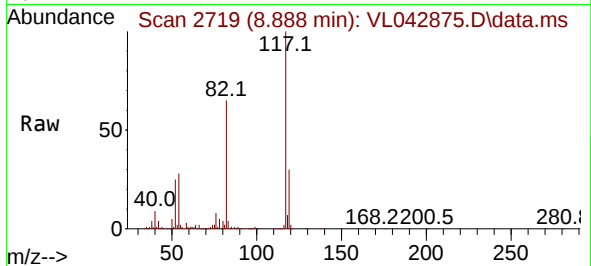




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 8.888 min Scan# 2719  
Delta R.T. 0.000 min  
Lab File: VL042875.D  
Acq: 21 Aug 2025 20:49

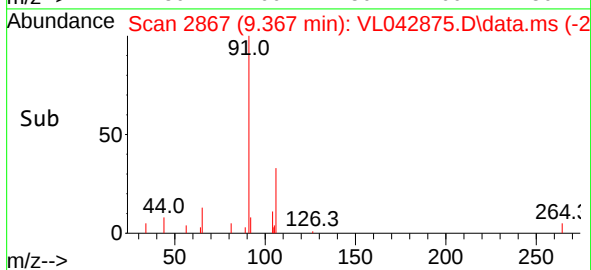
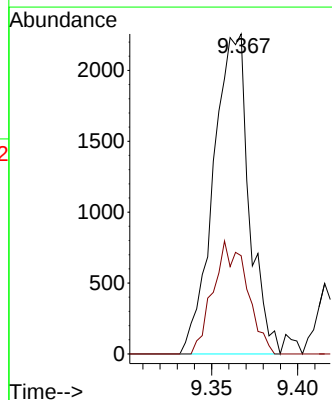
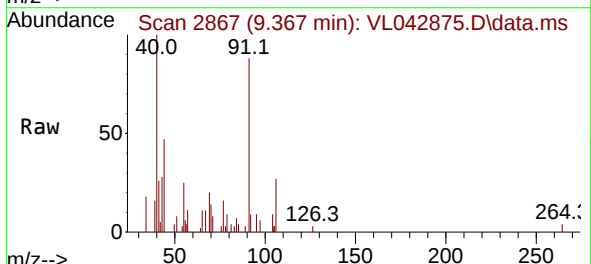
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

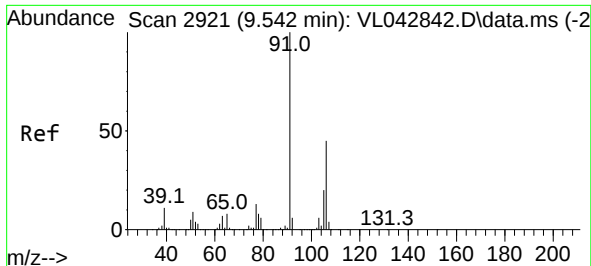
Tgt Ion:117 Resp: 312105  
Ion Ratio Lower Upper  
117 100  
82 66.8 54.6 81.8  
119 31.6 25.9 38.9



#58  
Ethyl Benzene  
Concen: 0.059 ppbv  
RT: 9.367 min Scan# 2867  
Delta R.T. 0.003 min  
Lab File: VL042875.D  
Acq: 21 Aug 2025 20:49

Tgt Ion: 91 Resp: 3253  
Ion Ratio Lower Upper  
91 100  
106 30.7 23.9 35.9





#59

m/p-Xylene

Concen: 0.163 ppbv

RT: 9.539 min Scan# 2921

Delta R.T. -0.003 min

Lab File: VL042875.D

Acq: 21 Aug 2025 20:49

Instrument :

MSVOA\_L

ClientSampleId :

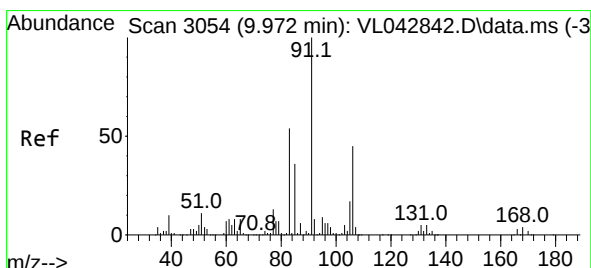
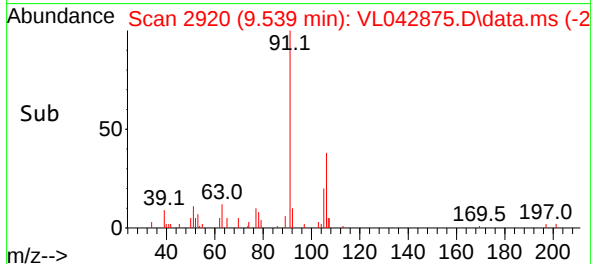
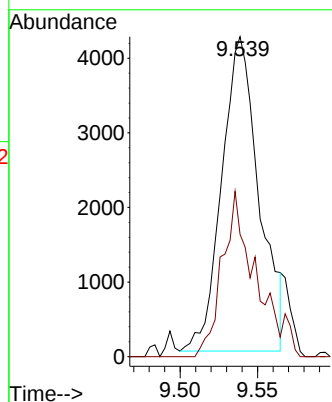
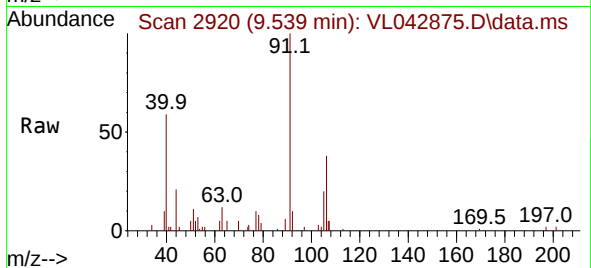
SV1

Tgt Ion: 91 Resp: 7047

Ion Ratio Lower Upper

91 100

106 47.8 0.0 0.0#



#60

o-Xylene

Concen: 0.101 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. -0.003 min

Lab File: VL042875.D

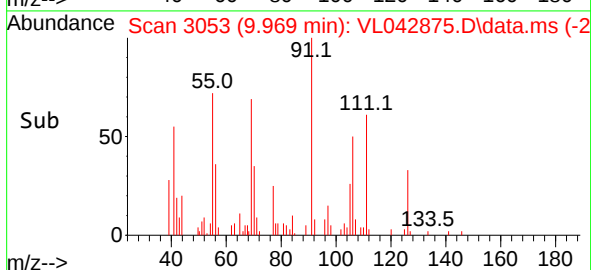
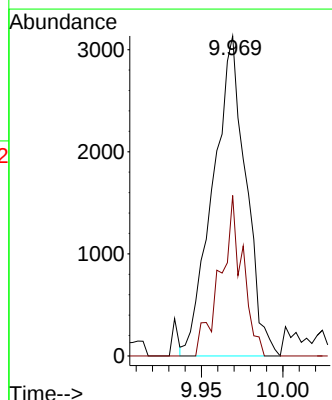
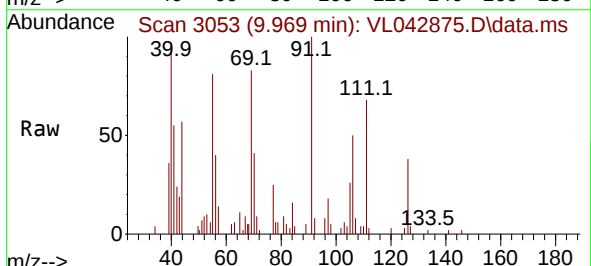
Acq: 21 Aug 2025 20:49

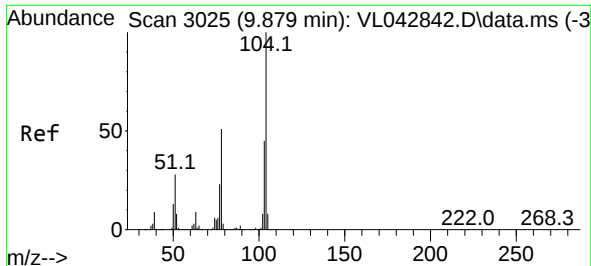
Tgt Ion: 91 Resp: 4391

Ion Ratio Lower Upper

91 100

106 34.3 21.8 65.4

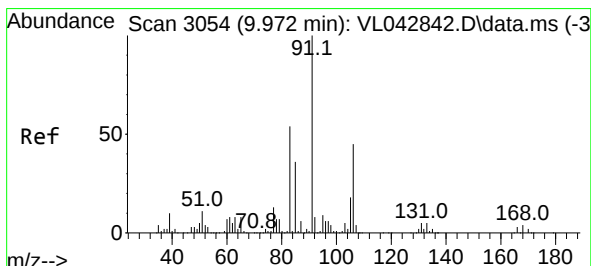
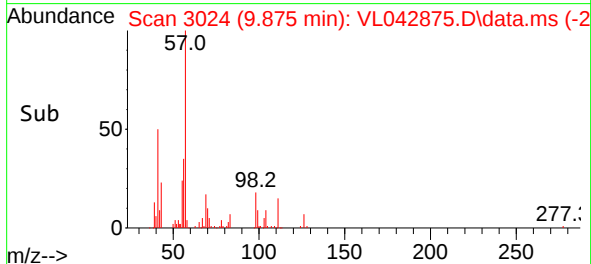
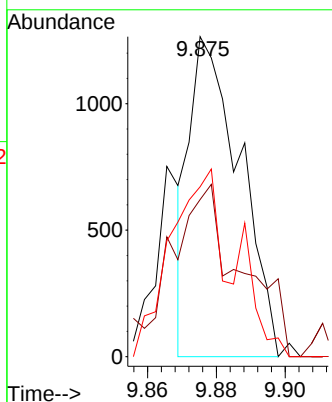
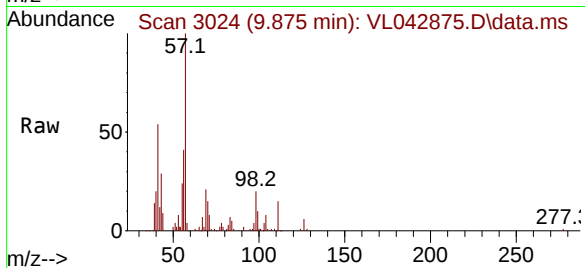




#61  
 Styrene  
 Concen: 0.063 ppbv  
 RT: 9.875 min Scan# 3025  
 Delta R.T. -0.003 min  
 Lab File: VL042875.D  
 Acq: 21 Aug 2025 20:49

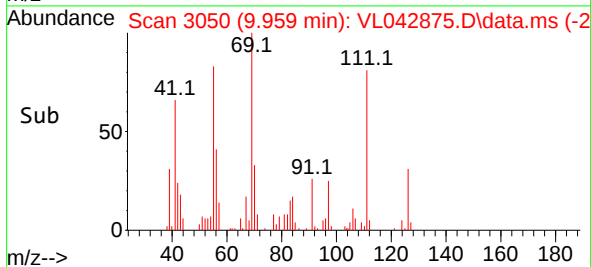
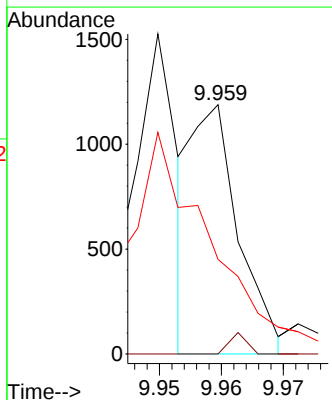
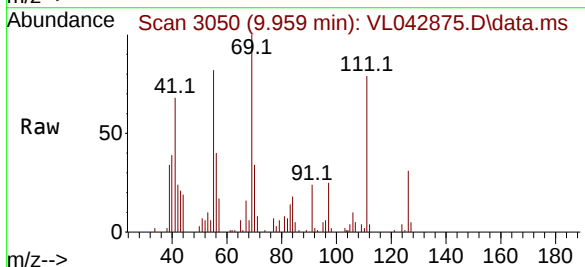
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1

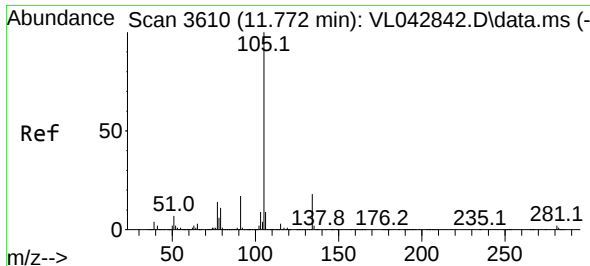
Tgt Ion:104 Resp: 1284  
 Ion Ratio Lower Upper  
 104 100  
 78 80.7 40.6 61.0#  
 103 72.7 37.7 56.5#



#63  
 1,1,2,2-Tetrachloroethane  
 Concen: 0.026 ppbv  
 RT: 9.959 min Scan# 3050  
 Delta R.T. -0.013 min  
 Lab File: VL042875.D  
 Acq: 21 Aug 2025 20:49

Tgt Ion: 83 Resp: 622  
 Ion Ratio Lower Upper  
 83 100  
 131 0.0 4.8 14.3#  
 85 0.0 32.3 96.8#

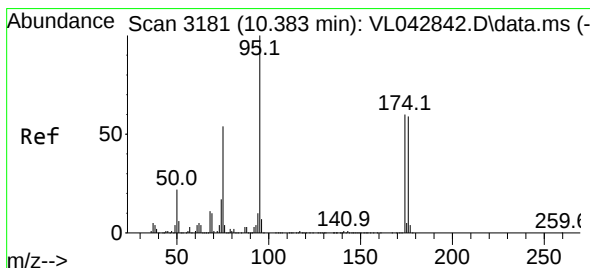
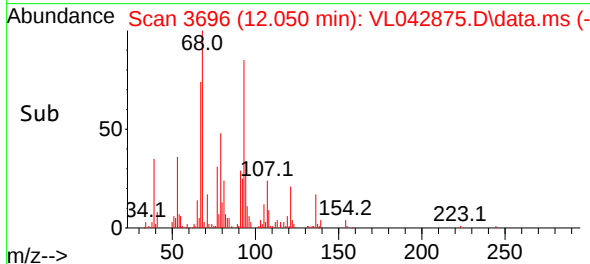
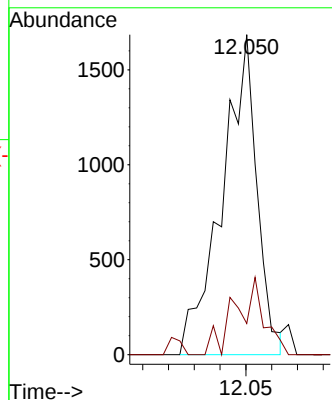
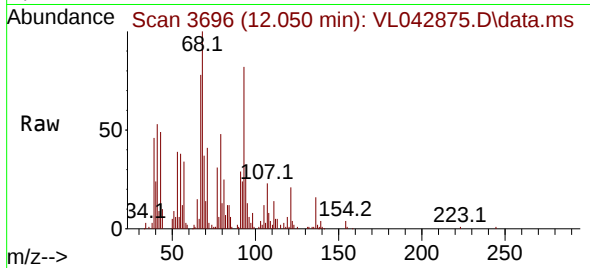




#67  
 sec-Butylbenzene  
 Concen: 0.020 ppbv  
 RT: 12.050 min Scan# 3180  
 Delta R.T. 0.278 min  
 Lab File: VL042875.D  
 Acq: 21 Aug 2025 20:49

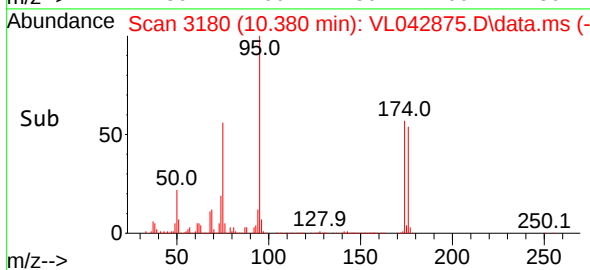
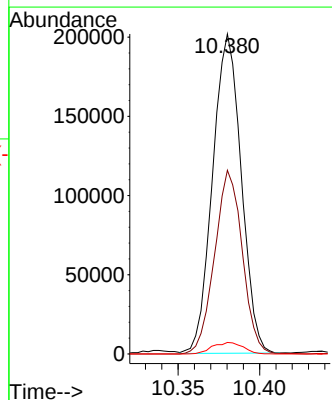
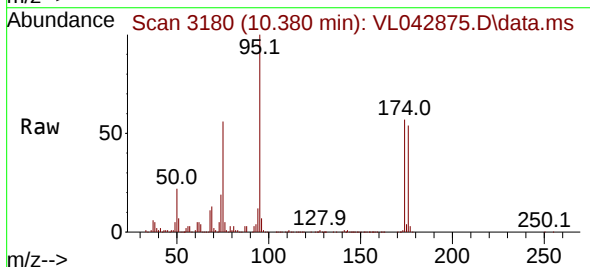
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1

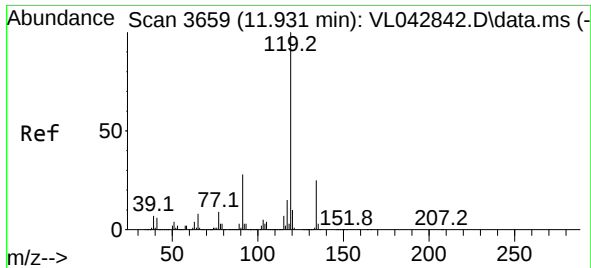
Tgt Ion:105 Resp: 1586  
 Ion Ratio Lower Upper  
 105 100  
 134 18.1 14.9 22.3



#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 10.497 ppbv  
 RT: 10.380 min Scan# 3180  
 Delta R.T. -0.003 min  
 Lab File: VL042875.D  
 Acq: 21 Aug 2025 20:49

Tgt Ion: 95 Resp: 245698  
 Ion Ratio Lower Upper  
 95 100  
 174 55.7 48.4 72.6  
 175 3.9 3.8 5.8

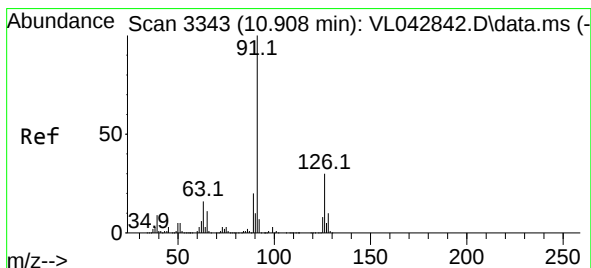
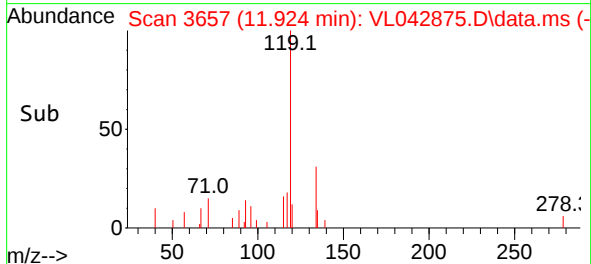
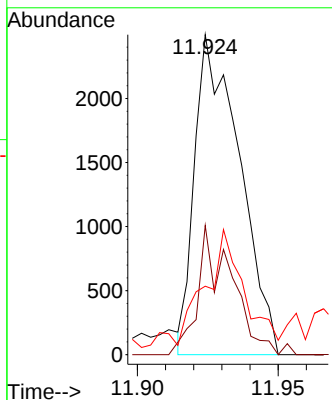
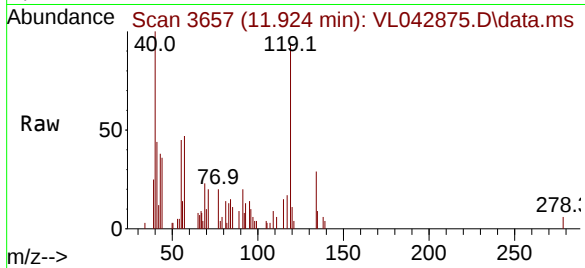




#69  
 p-Isopropyltoluene  
 Concen: 0.041 ppbv  
 RT: 11.924 min Scan# 3369  
 Delta R.T. -0.006 min  
 Lab File: VL042875.D  
 Acq: 21 Aug 2025 20:49

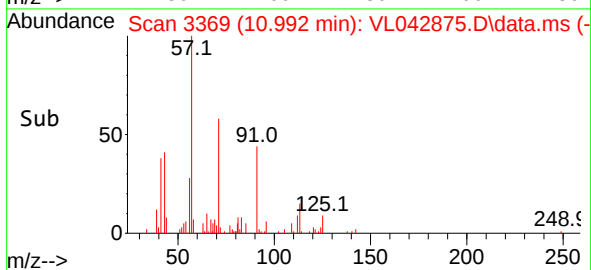
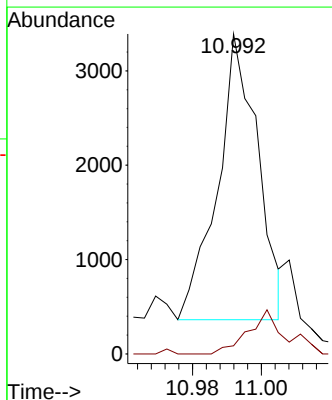
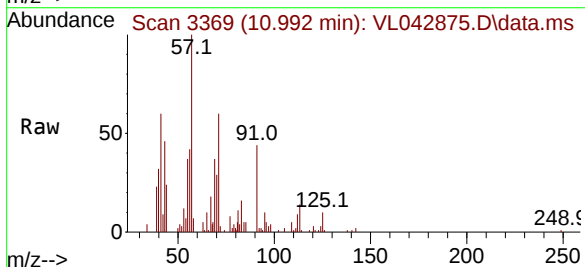
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1

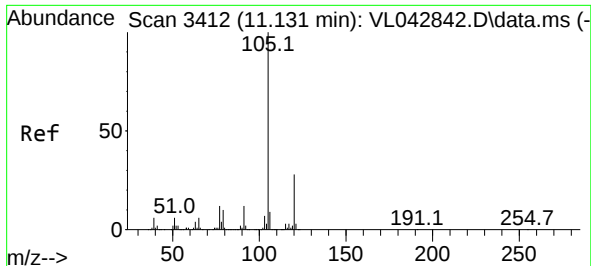
Tgt Ion:119 Resp: 2763  
 Ion Ratio Lower Upper  
 119 100  
 134 30.9 20.6 30.8#  
 91 52.6 22.6 34.0#



#71  
 2-Chlorotoluene  
 Concen: 0.050 ppbv  
 RT: 10.992 min Scan# 3369  
 Delta R.T. 0.084 min  
 Lab File: VL042875.D  
 Acq: 21 Aug 2025 20:49

Tgt Ion: 91 Resp: 2465  
 Ion Ratio Lower Upper  
 91 100  
 126 14.5 12.0 47.8

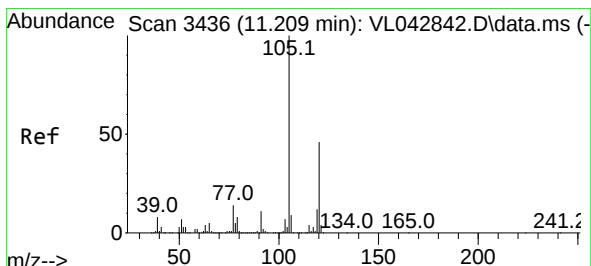
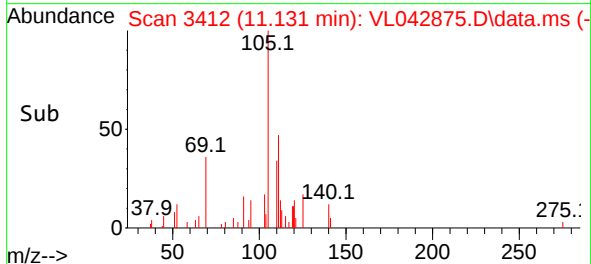
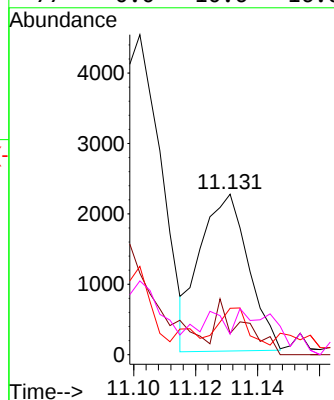
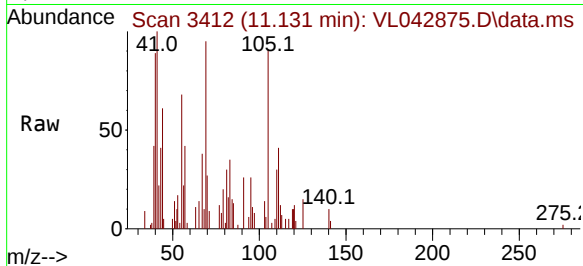




#72  
4-Ethyltoluene  
Concen: 0.046 ppbv  
RT: 11.131 min Scan# 3412  
Delta R.T. 0.000 min  
Lab File: VL042875.D  
Acq: 21 Aug 2025 20:49

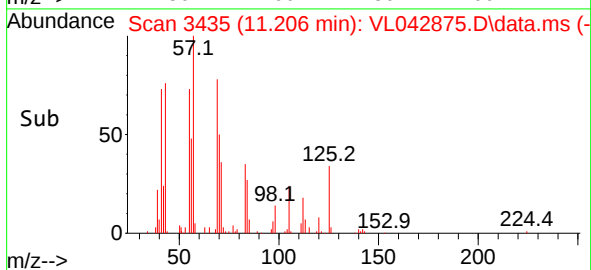
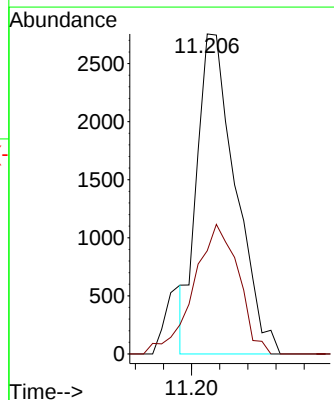
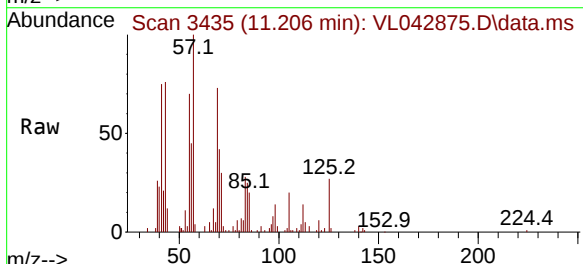
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV1

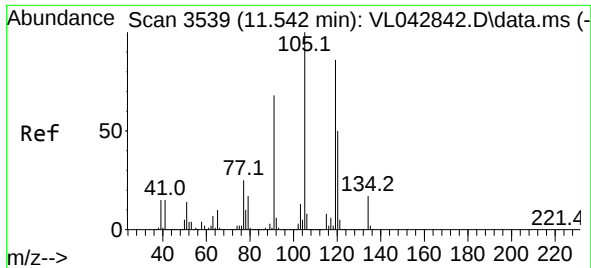
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 2408  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 23.1  | 23.4  | 35.2# |
| 91       | 28.7  | 9.8   | 14.6# |
| 77       | 0.0   | 10.6  | 16.0# |



#73  
1,3,5-Trimethylbenzene  
Concen: 0.059 ppbv  
RT: 11.206 min Scan# 3435  
Delta R.T. -0.003 min  
Lab File: VL042875.D  
Acq: 21 Aug 2025 20:49

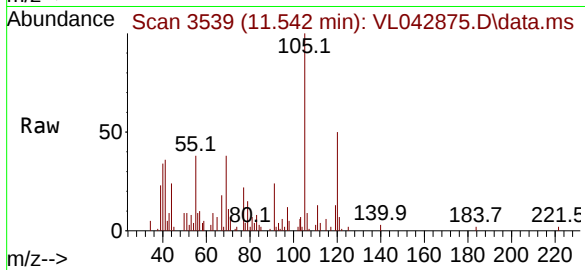
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 2619  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 32.2  | 36.6  | 54.8# |





#74  
 1,2,4-Trimethylbenzene  
 Concen: 0.129 ppbv  
 RT: 11.542 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VL042875.D  
 Acq: 21 Aug 2025 20:49

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 6350  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 50.0  | 39.8  | 59.6  |
| 91       | 22.4  | 54.2  | 81.4# |
| 77       | 22.6  | 19.8  | 29.6  |

