

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL112025\  
 Data File : VL043276.D  
 Acq On : 21 Nov 2025 08:28  
 Operator : SY/MD  
 Sample : Q3698-04DUP  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 OA1DUP

Quant Time: Nov 25 08:41:41 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL111825AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Wed Nov 19 01:11:25 2025  
 Response via : Initial Calibration

| Compound                | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|-------|------|----------|--------|-------|----------|
| -----                   |       |      |          |        |       |          |
| Internal Standards      |       |      |          |        |       |          |
| 1) Bromochloromethane   | 2.787 | 49   | 100361   | 10.000 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 3.955 | 114  | 261614   | 10.000 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 8.878 | 117  | 196980   | 10.000 | ppbv  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 68) 1-Bromo-4-Fluorobenzene | 10.374 | 95    | 142344   | 9.859    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 98.600% |

|                               |       |     |       |       |        |        |
|-------------------------------|-------|-----|-------|-------|--------|--------|
| Target Compounds              |       |     |       |       |        | Qvalue |
| 2) Dichlorodifluoromethane    | 1.499 | 85  | 6903  | 0.488 | ppbv   | 100    |
| 3) Chlorodifluoromethane      | 1.622 | 51  | 622   | 0.045 | ppbv   | 95     |
| 4) Chloromethane              | 1.534 | 50  | 2660  | 0.503 | ppbv # | 83     |
| 5) Vinyl Chloride             | 1.573 | 62  | 27    | 0.005 | ppbv # | 41     |
| 6) Bromomethane               | 1.670 | 94  | 167   | 0.060 | ppbv # | 4      |
| 7) Chloroethane               | 1.699 | 64  | 58    | 0.026 | ppbv # | 41     |
| 8) Dichlorotetrafluoroethane  | 1.557 | 85  | 244   | 0.021 | ppbv   | 94     |
| 9) Propene                    | 1.489 | 41  | 5200  | 0.880 | ppbv # | 1      |
| 10) Heptane                   | 4.972 | 43  | 149   | 0.008 | ppbv # | 28     |
| 11) Trichlorofluoromethane    | 1.877 | 101 | 3828  | 0.279 | ppbv   | 97     |
| 12) 1,1,2-Trichlorotrifluo... | 2.143 | 101 | 875   | 0.082 | ppbv   | 96     |
| 13) Ethanol                   | 1.722 | 45  | 10919 | 5.253 | ppbv   | 97     |
| 14) Bromoethene               | 1.586 | 108 | 31    | 0.008 | ppbv # | 1      |
| 15) Acetone                   | 1.835 | 43  | 80780 | 5.793 | ppbv   | 98     |
| 16) 1,3-Butadiene             | 1.602 | 39  | 427   | 0.069 | ppbv # | 14     |
| 17) tert-Butyl alcohol        | 2.042 | 59  | 237   | 0.013 | ppbv # | 71     |
| 18) 1,1-Dichloroethene        | 1.978 | 96  | 44    | 0.009 | ppbv # | 1      |
| 19) Isopropyl Alcohol         | 1.887 | 45  | 9350  | 1.187 | ppbv # | 1      |
| 20) Methylene Chloride        | 2.062 | 84  | 4657  | 0.378 | ppbv   | 94     |
| 21) Allyl Chloride            | 2.101 | 41  | 113   | 0.012 | ppbv # | 21     |
| 22) trans-1,2-Dichloroethene  | 2.343 | 96  | 59    | 0.010 | ppbv # | 1      |
| 23) Vinyl Acetate             | 2.454 | 43  | 1115  | 0.066 | ppbv # | 57     |
| 24) 1,1-Dichloroethane        | 2.350 | 63  | 37    | 0.003 | ppbv # | 86     |
| 25) Ethyl Acetate             | 2.829 | 43  | 2013  | 0.067 | ppbv # | 1      |
| 26) Hexane                    | 2.829 | 57  | 2220  | 0.168 | ppbv # | 63     |
| 27) Carbon Disulfide          | 2.188 | 76  | 33    | 0.002 | ppbv # | 1      |
| 28) Methyl tert-Butyl Ether   | 2.441 | 73  | 37    | 0.006 | ppbv # | 1      |
| 29) Chloroform                | 2.855 | 83  | 179   | 0.010 | ppbv   | 89     |
| 30) Cyclohexane               | 3.855 | 84  | 80    | 0.007 | ppbv # | 1      |
| 31) cis-1,2-Dichloroethene    | 2.822 | 61  | 204   | 0.016 | ppbv # | 26     |
| 34) 2-Butanone                | 2.560 | 43  | 11906 | 0.645 | ppbv   | 99     |
| 35) Carbon Tetrachloride      | 3.764 | 117 | 844   | 0.043 | ppbv # | 78     |
| 36) Benzene                   | 3.654 | 78  | 2840  | 0.113 | ppbv # | 76     |
| 37) 1,2-Dichloroethane        | 3.211 | 62  | 85    | 0.006 | ppbv # | 80     |
| 39) 1,2-Dichloropropane       | 3.955 | 63  | 65285 | 7.120 | ppbv # | 25     |
| 40) 1,4-Dioxane               | 4.392 | 88  | 28    | 0.007 | ppbv # | 1      |
| 41) Tetrahydrofuran           | 3.059 | 42  | 48    | 0.005 | ppbv # | 37     |
| 42) Bromodichloromethane      | 4.493 | 83  | 25    | 0.001 | ppbv # | 24     |
| 43) Methyl Methacrylate       | 4.887 | 69  | 122   | 0.009 | ppbv # | 1      |
| 44) 2,2,4-Trimethylpentane    | 4.629 | 57  | 941   | 0.022 | ppbv # | 1      |
| 46) cis-1,3-Dichloropropene   | 5.477 | 75  | 26    | 0.002 | ppbv # | 22     |
| 48) Dibromochloromethane      | 7.224 | 129 | 23    | 0.001 | ppbv # | 10     |
| 49) Bromoform                 | 9.626 | 173 | 45    | 0.003 | ppbv # | 28     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL112025\  
 Data File : VL043276.D  
 Acq On : 21 Nov 2025 08:28  
 Operator : SY/MD  
 Sample : Q3698-04DUP  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 OA1DUP

Quant Time: Nov 25 08:41:41 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL111825AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Wed Nov 19 01:11:25 2025  
 Response via : Initial Calibration

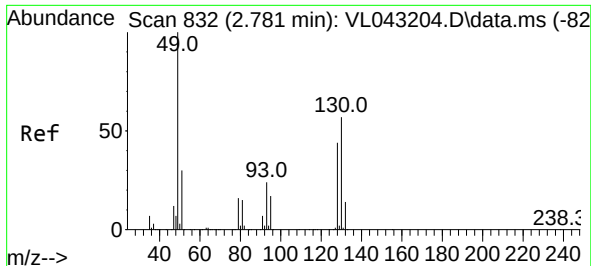
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |    |
|-------------------------------|--------|------|----------|-------|-------|----------|----|
| 50) 4-Methyl-2-Pentanone      | 5.748  | 43   | 132      | 0.005 | ppbv  | #        | 39 |
| 51) 2-Hexanone                | 7.419  | 43   | 80       | 0.004 | ppbv  | #        | 29 |
| 53) Toluene                   | 6.933  | 91   | 2800     | 0.094 | ppbv  | #        | 21 |
| 54) 1,2-Dibromoethane         | 7.907  | 107  | 28       | 0.002 | ppbv  | #        | 4  |
| 56) 1,1,1,2-Tetrachloroethane | 9.024  | 131  | 31       | 0.002 | ppbv  | #        | 1  |
| 57) Chlorobenzene             | 8.917  | 112  | 40       | 0.002 | ppbv  | #        | 72 |
| 58) Ethyl Benzene             | 9.354  | 91   | 2894     | 0.076 | ppbv  | #        | 88 |
| 59) m/p-Xylene                | 9.548  | 91   | 2569     | 0.085 | ppbv  | #        | 31 |
| 60) o-Xylene                  | 9.959  | 91   | 2700     | 0.089 | ppbv  |          | 91 |
| 61) Styrene                   | 9.869  | 104  | 186      | 0.014 | ppbv  | #        | 29 |
| 62) Isopropylbenzene          | 10.535 | 105  | 220      | 0.004 | ppbv  |          | 98 |
| 63) 1,1,2,2-Tetrachloroethane | 9.988  | 83   | 29       | 0.002 | ppbv  | #        | 25 |
| 64) n-propylbenzene           | 11.328 | 120  | 25       | 0.002 | ppbv  |          | 82 |
| 65) tert-Butylbenzene         | 11.536 | 119  | 49       | 0.001 | ppbv  | #        | 1  |
| 66) Benzyl Chloride           | 11.532 | 91   | 206      | 0.042 | ppbv  | #        | 65 |
| 67) sec-Butylbenzene          | 11.772 | 105  | 92       | 0.001 | ppbv  | #        | 67 |
| 69) p-Isopropyltoluene        | 11.775 | 119  | 122      | 0.002 | ppbv  |          | 99 |
| 70) n-Butylbenzene            | 12.277 | 91   | 77       | 0.001 | ppbv  | #        | 33 |
| 71) 2-Chlorotoluene           | 10.901 | 91   | 43       | 0.001 | ppbv  | #        | 45 |
| 72) 4-Ethyltoluene            | 11.128 | 105  | 284      | 0.008 | ppbv  | #        | 55 |
| 73) 1,3,5-Trimethylbenzene    | 11.205 | 105  | 207      | 0.007 | ppbv  | #        | 29 |
| 74) 1,2,4-Trimethylbenzene    | 11.539 | 105  | 527      | 0.016 | ppbv  | #        | 56 |
| 75) 1,3-Dichlorobenzene       | 11.671 | 146  | 47       | 0.002 | ppbv  | #        | 23 |
| 76) 1,4-Dichlorobenzene       | 11.678 | 146  | 14       | 0.001 | ppbv  | #        | 24 |
| 77) 1,2-Dichlorobenzene       | 11.523 | 146  | 39       | 0.002 | ppbv  |          | 71 |
| 78) Hexachloro-1,3-Butadiene  | 13.885 | 225  | 89       | 0.006 | ppbv  | #        | 71 |
| 79) Naphthalene               | 13.520 | 128  | 360      | 0.012 | ppbv  | #        | 70 |

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

**Instrument :**  
MSVOA\_L  
**ClientSampleId :**  
OA1DUP

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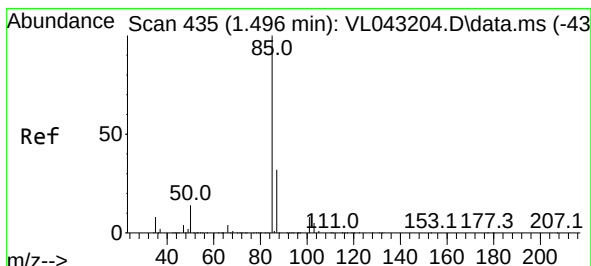
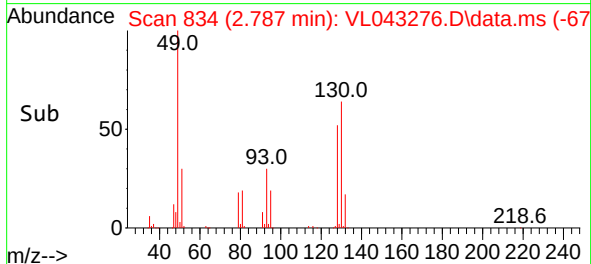
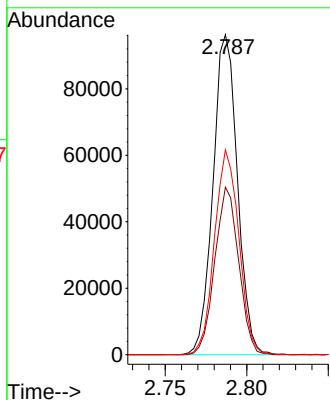
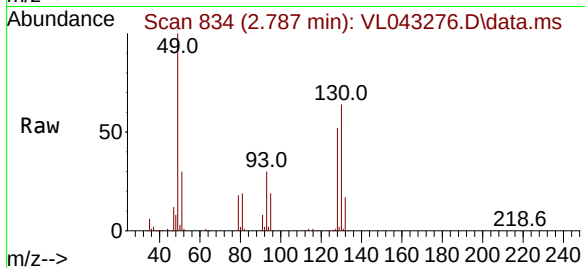




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 2.787 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

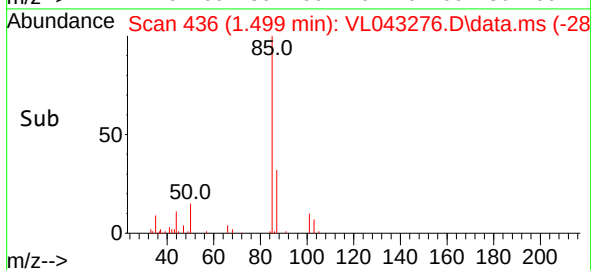
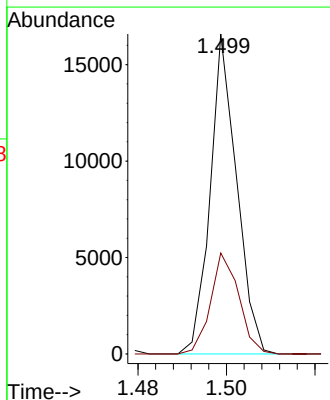
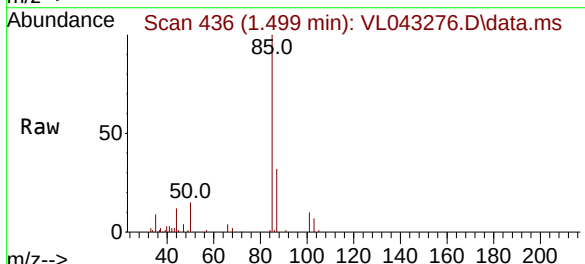
Instrument :  
MSVOA\_L  
ClientSampleId :  
OA1DUP

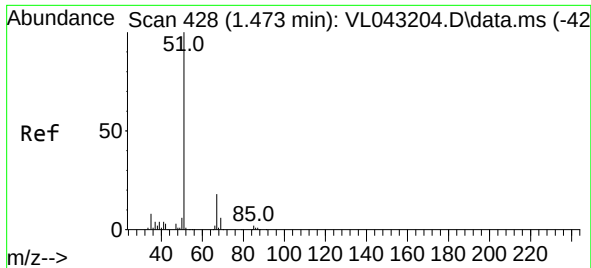
Tgt Ion: 49 Resp: 100361  
Ion Ratio Lower Upper  
49 100  
128 51.1 23.0 69.0  
130 63.9 29.9 89.7



#2  
Dichlorodifluoromethane  
Concen: 0.488 ppbv  
RT: 1.499 min Scan# 436  
Delta R.T. 0.003 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Tgt Ion: 85 Resp: 6903  
Ion Ratio Lower Upper  
85 100  
87 31.6 25.4 38.2

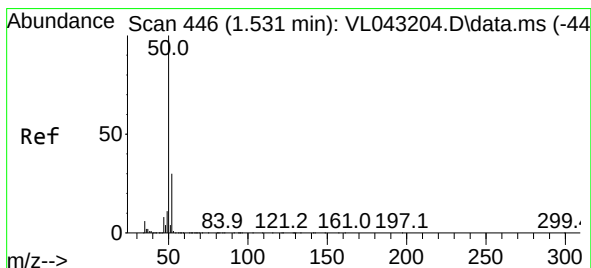
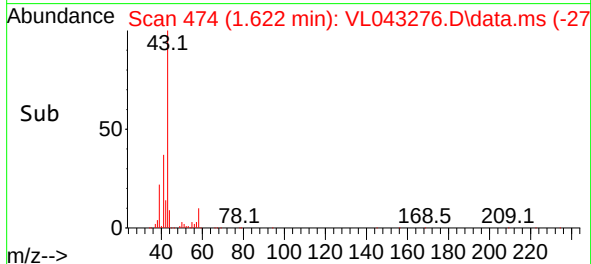
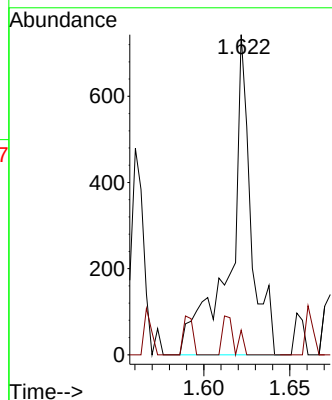
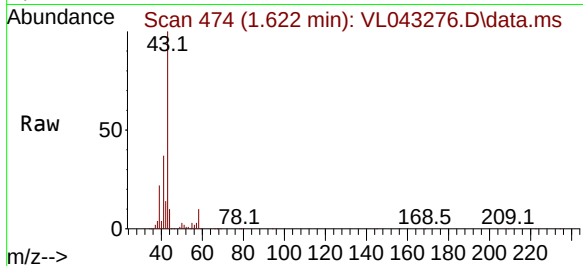




#3  
Chlorodifluoromethane  
Concen: 0.045 ppbv  
RT: 1.622 min Scan# 41  
Delta R.T. 0.149 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

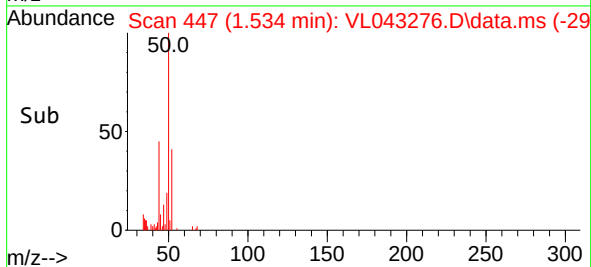
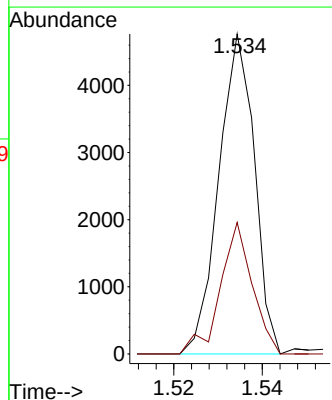
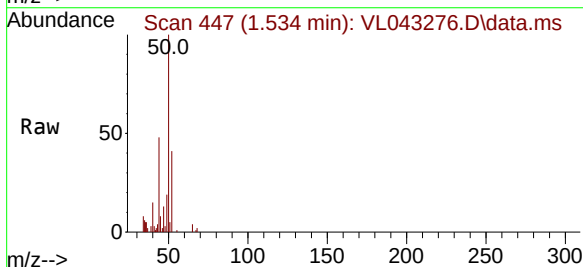
Instrument :  
MSVOA\_L  
ClientSampleId :  
OA1DUP

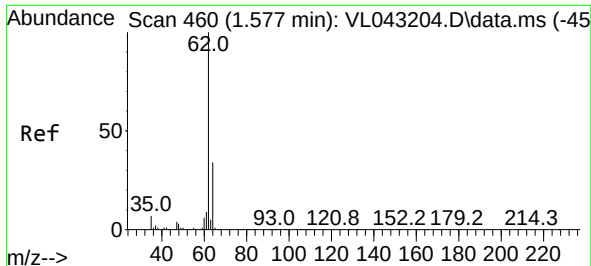
Tgt Ion: 51 Resp: 622  
Ion Ratio Lower Upper  
51 100  
67 16.2 14.9 22.3



#4  
Chloromethane  
Concen: 0.503 ppbv  
RT: 1.534 min Scan# 447  
Delta R.T. 0.003 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Tgt Ion: 50 Resp: 2660  
Ion Ratio Lower Upper  
50 100  
52 39.3 24.1 36.1#

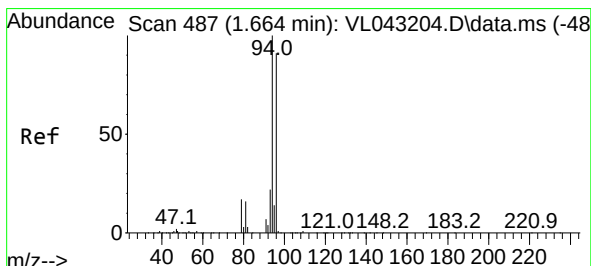
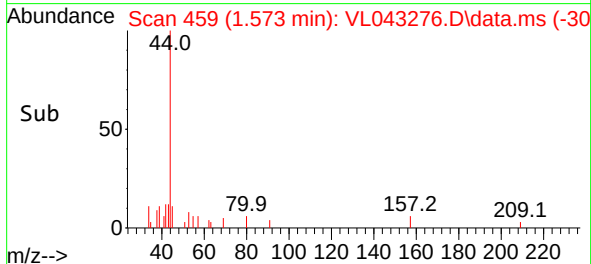
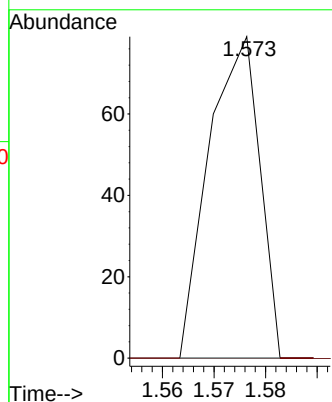
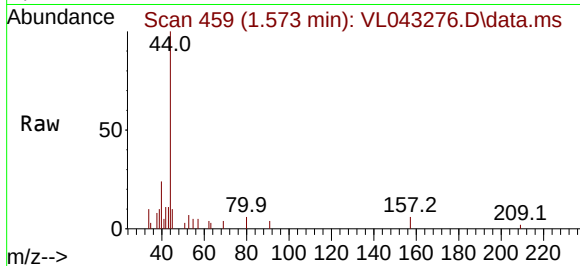




#5  
 Vinyl Chloride  
 Concen: 0.005 ppbv  
 RT: 1.573 min Scan# 41  
 Delta R.T. -0.004 min  
 Lab File: VL043276.D  
 Acq: 21 Nov 2025 08:28

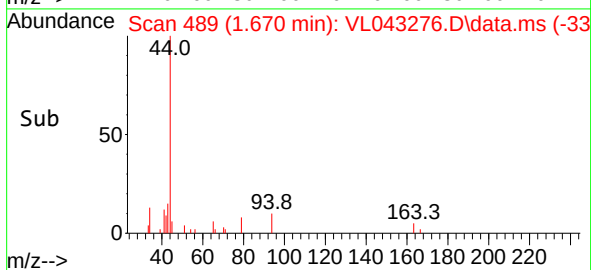
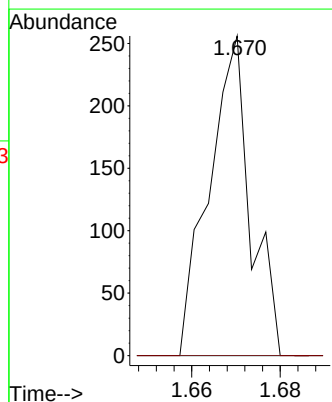
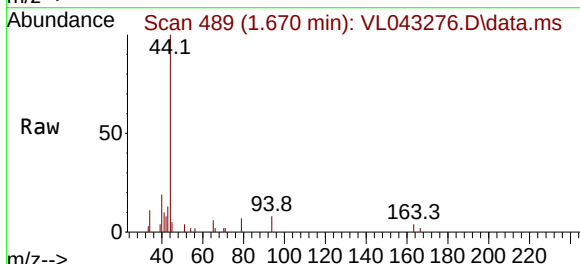
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 OA1DUP

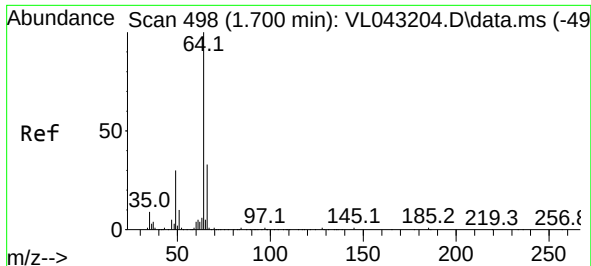
Tgt Ion: 62 Resp: 27  
 Ion Ratio Lower Upper  
 62 100  
 64 0.0 27.3 40.9#



#6  
 Bromomethane  
 Concen: 0.060 ppbv  
 RT: 1.670 min Scan# 489  
 Delta R.T. 0.006 min  
 Lab File: VL043276.D  
 Acq: 21 Nov 2025 08:28

Tgt Ion: 94 Resp: 167  
 Ion Ratio Lower Upper  
 94 100  
 96 0.0 72.9 109.3#

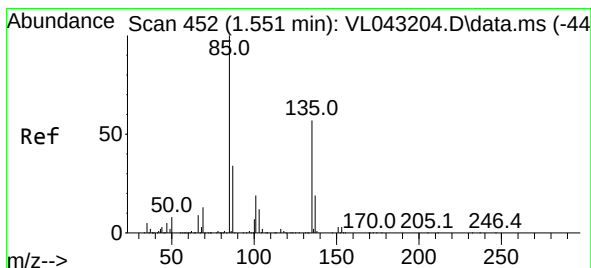
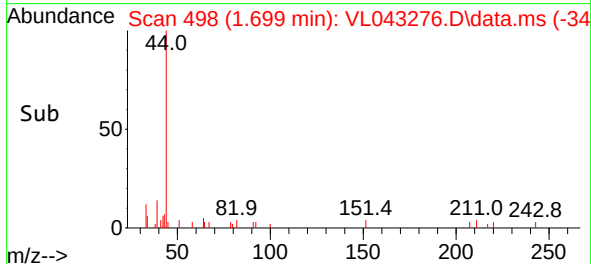
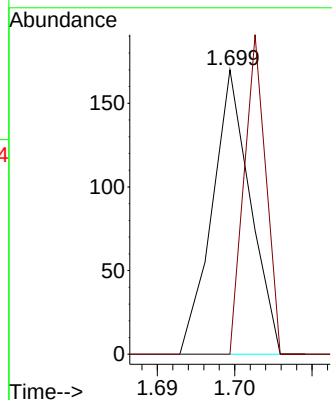
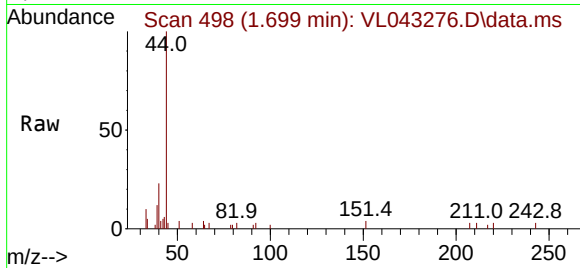




#7  
Chloroethane  
Concen: 0.026 ppbv  
RT: 1.699 min Scan# 498  
Delta R.T. -0.000 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

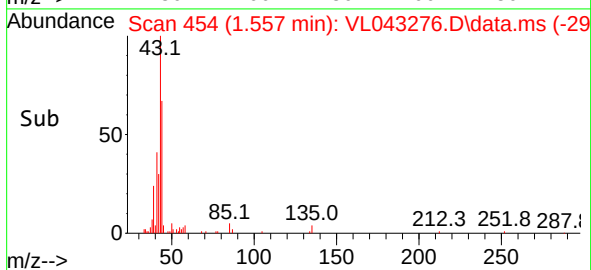
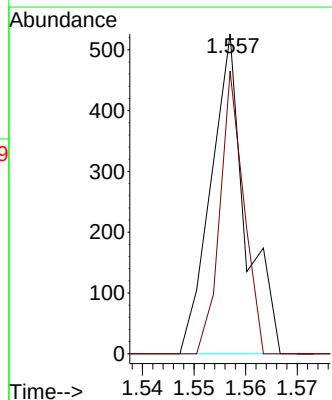
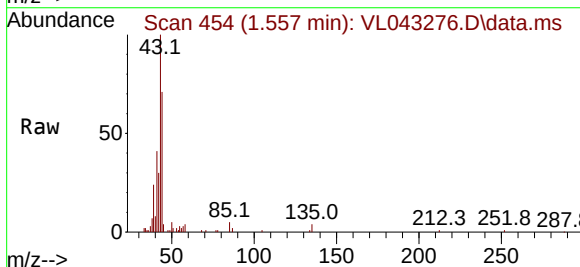
Instrument :  
MSVOA\_1  
ClientSampleId :  
OA1DUP

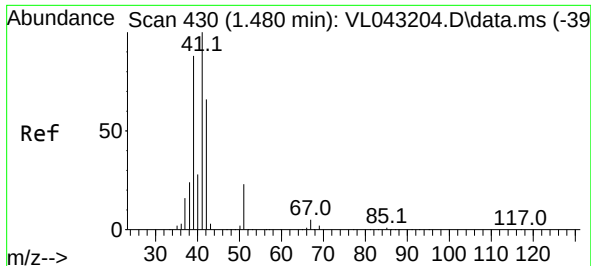
Tgt Ion: 64 Resp: 58  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.8 40.2#



#8  
Dichlorotetrafluoroethane  
Concen: 0.021 ppbv  
RT: 1.557 min Scan# 454  
Delta R.T. 0.006 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Tgt Ion: 85 Resp: 244  
Ion Ratio Lower Upper  
85 100  
135 61.1 52.6 79.0





#9

Propene

Concen: 0.880 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.009 min

Lab File: VL043276.D

Acq: 21 Nov 2025 08:28

Instrument :

MSVOA\_L

ClientSampleId :

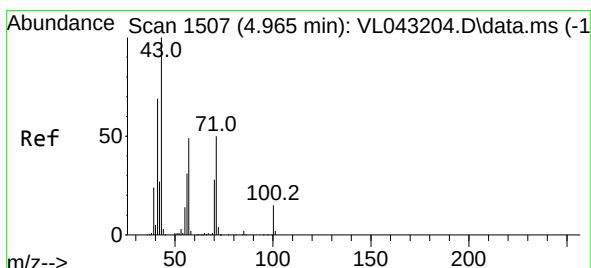
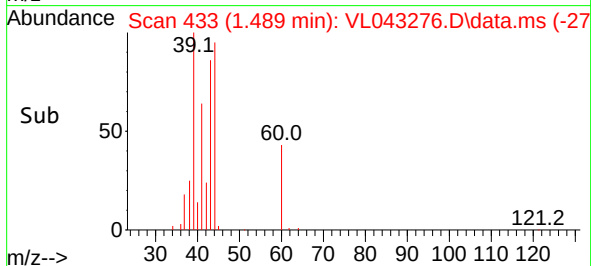
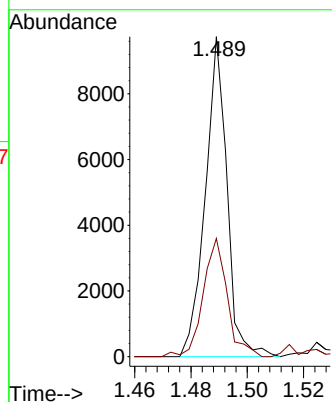
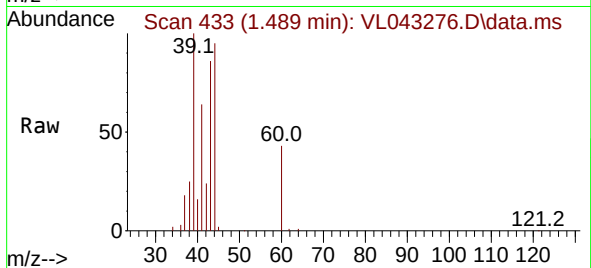
OA1DUP

Tgt Ion: 41 Resp: 5200

Ion Ratio Lower Upper

41 100

42 41.0 3.7 5.5#



#10

Heptane

Concen: 0.008 ppbv

RT: 4.972 min Scan# 1509

Delta R.T. 0.006 min

Lab File: VL043276.D

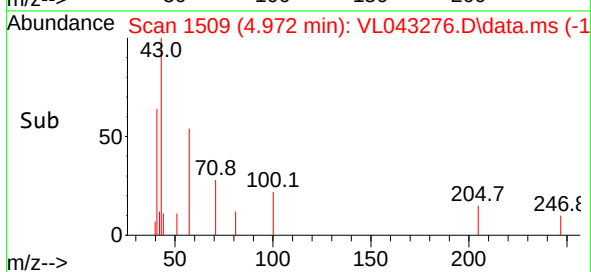
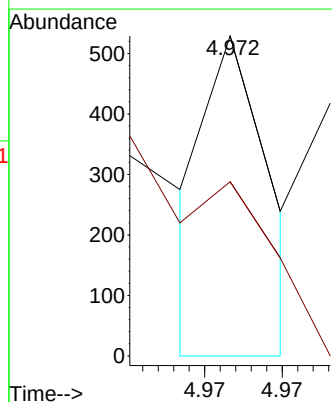
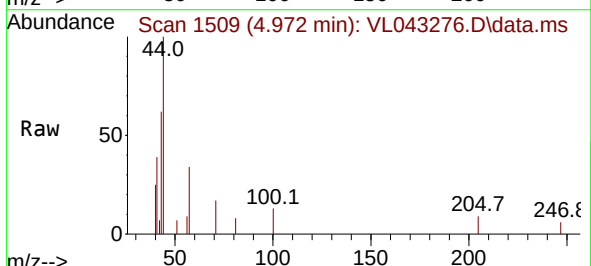
Acq: 21 Nov 2025 08:28

Tgt Ion: 43 Resp: 149

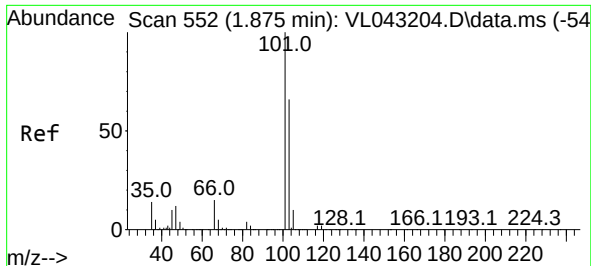
Ion Ratio Lower Upper

43 100

57 0.0 39.7 59.5#



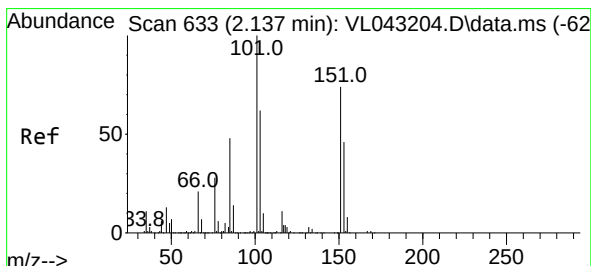
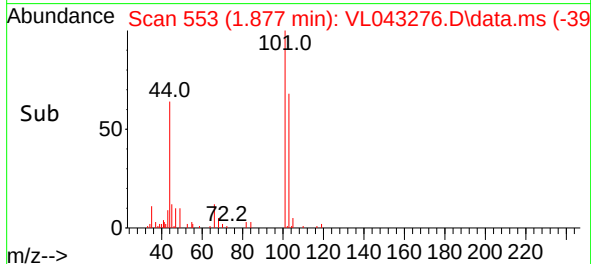
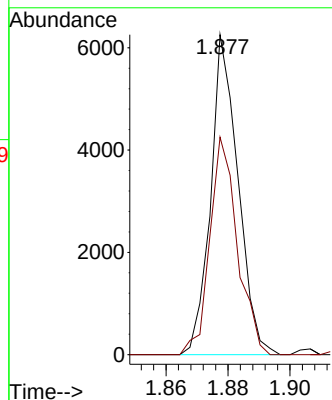
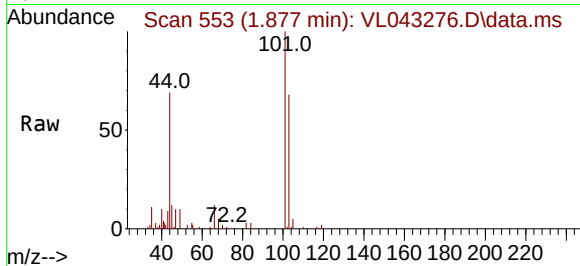




#11  
 Trichlorofluoromethane  
 Concen: 0.279 ppbv  
 RT: 1.877 min Scan# 511  
 Delta R.T. 0.003 min  
 Lab File: VL043276.D  
 Acq: 21 Nov 2025 08:28

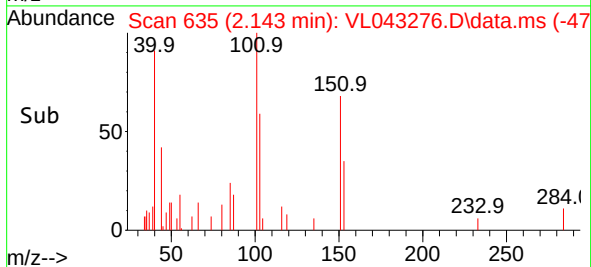
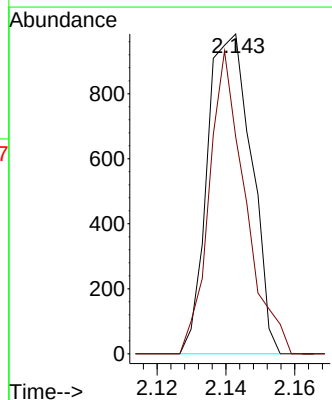
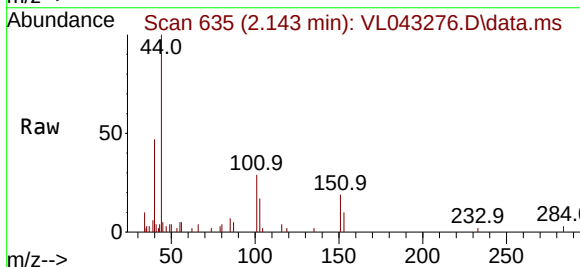
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 OA1DUP

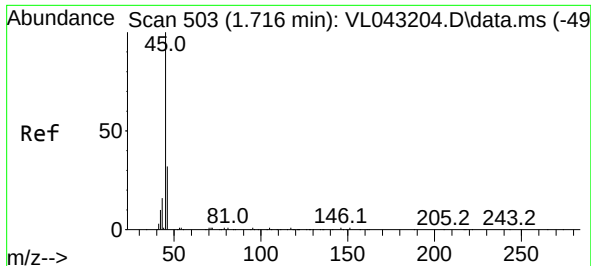
Tgt Ion:101 Resp: 3828  
 Ion Ratio Lower Upper  
 101 100  
 103 68.0 52.6 79.0



#12  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 0.082 ppbv  
 RT: 2.143 min Scan# 635  
 Delta R.T. 0.006 min  
 Lab File: VL043276.D  
 Acq: 21 Nov 2025 08:28

Tgt Ion:101 Resp: 875  
 Ion Ratio Lower Upper  
 101 100  
 151 77.4 59.2 88.8

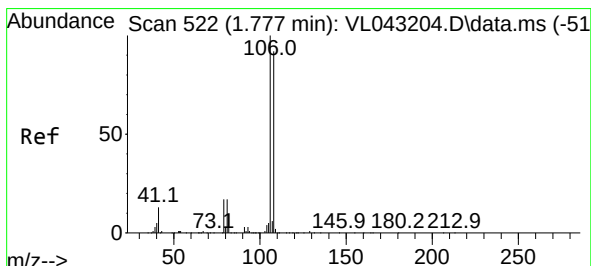
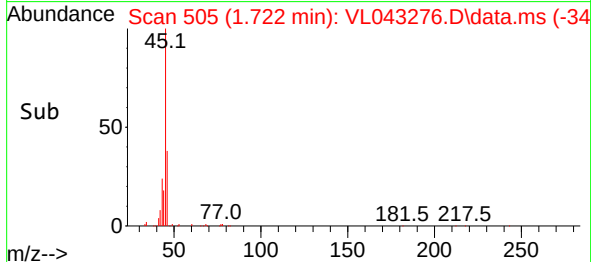
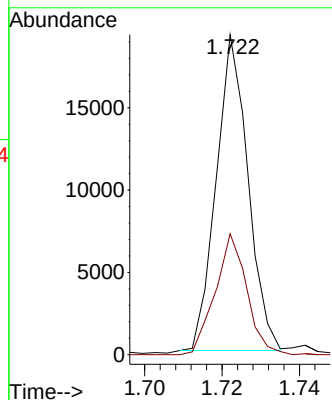
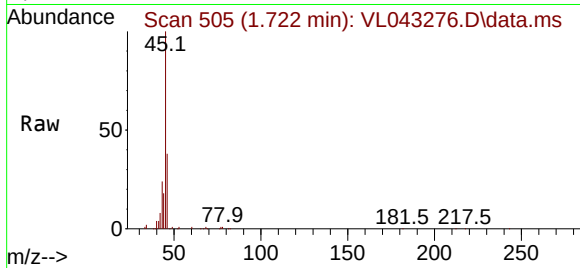




#13  
Ethanol  
Concen: 5.253 ppbv  
RT: 1.722 min Scan# 503  
Delta R.T. 0.006 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

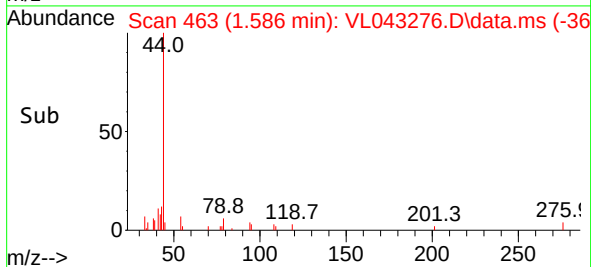
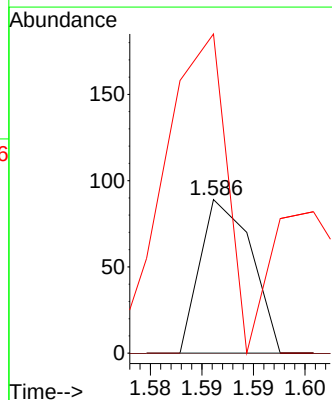
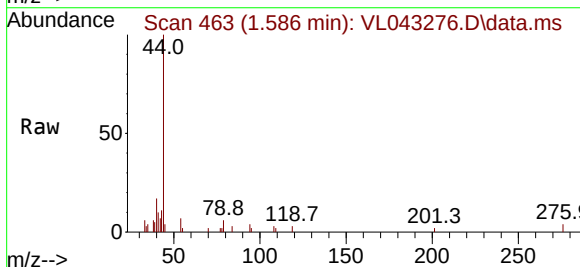
Instrument :  
MSVOA\_L  
ClientSampleId :  
OA1DUP

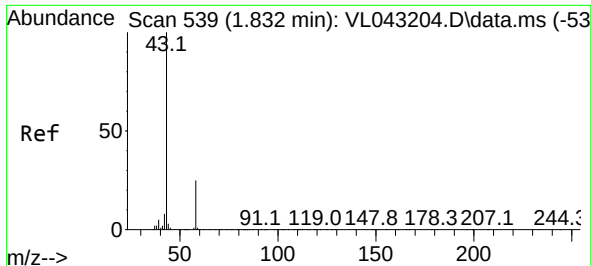
Tgt Ion: 45 Resp: 10919  
Ion Ratio Lower Upper  
45 100  
46 39.5 15.0 59.8



#14  
Bromoethene  
Concen: 0.008 ppbv  
RT: 1.586 min Scan# 463  
Delta R.T. -0.191 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Tgt Ion: 108 Resp: 31  
Ion Ratio Lower Upper  
108 100  
106 32.3 88.9 133.3#  
79 248.4 16.5 24.7#

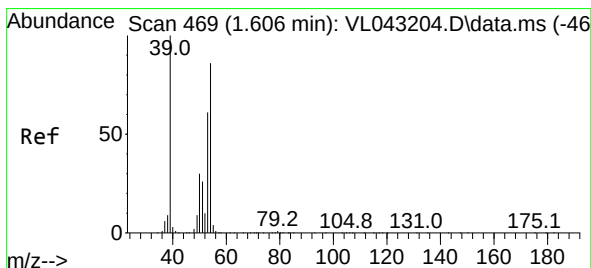
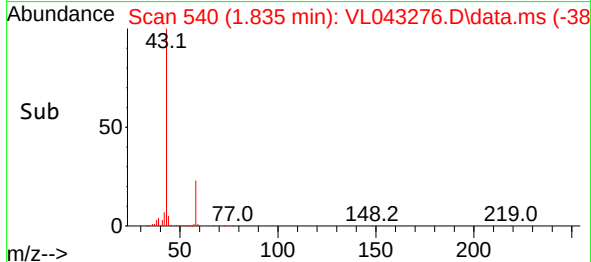
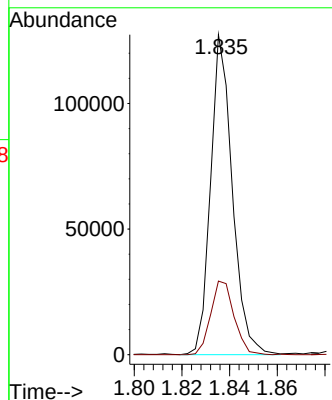
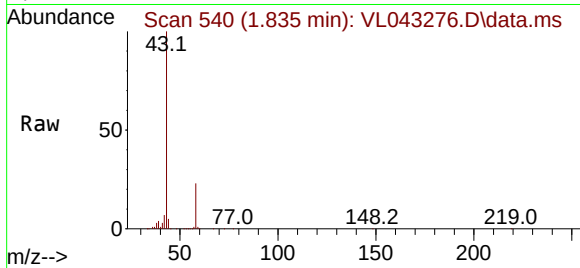




#15  
Acetone  
Concen: 5.793 ppbv  
RT: 1.835 min Scan# 54  
Delta R.T. 0.003 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

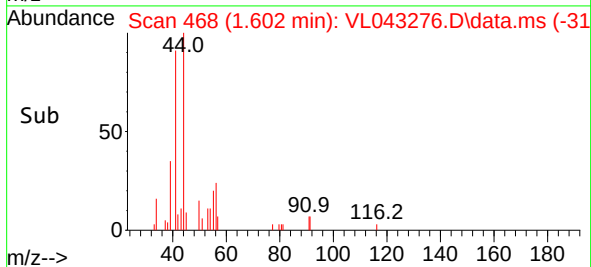
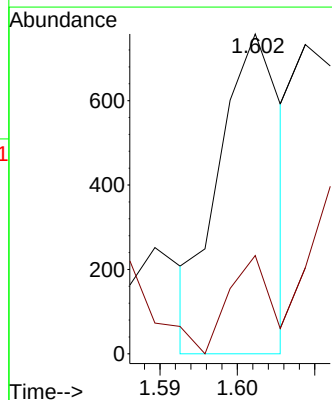
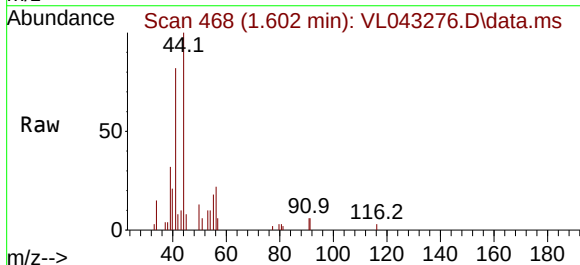
Instrument :  
MSVOA\_L  
ClientSampleId :  
OA1DUP

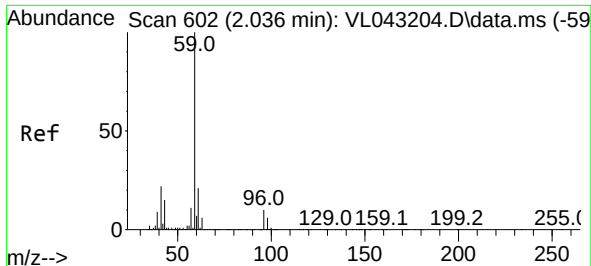
Tgt Ion: 43 Resp: 80780  
Ion Ratio Lower Upper  
43 100  
58 24.7 20.7 31.1



#16  
1,3-Butadiene  
Concen: 0.069 ppbv  
RT: 1.602 min Scan# 468  
Delta R.T. -0.004 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Tgt Ion: 39 Resp: 427  
Ion Ratio Lower Upper  
39 100  
54 147.5 59.4 89.2#





#17

tert-Butyl alcohol

Concen: 0.013 ppbv

RT: 2.042 min Scan# 60

Delta R.T. 0.006 min

Lab File: VL043276.D

Acq: 21 Nov 2025 08:28

Instrument :

MSVOA\_1

ClientSampleId :

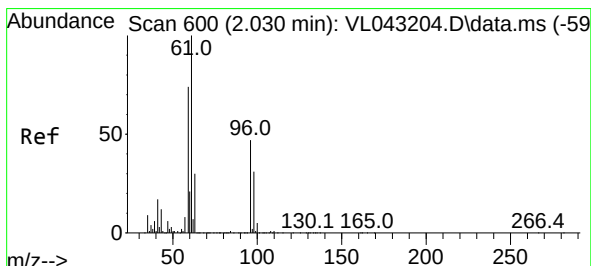
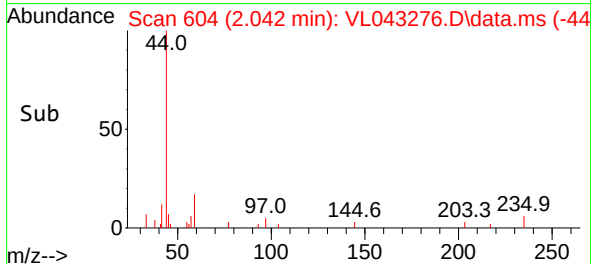
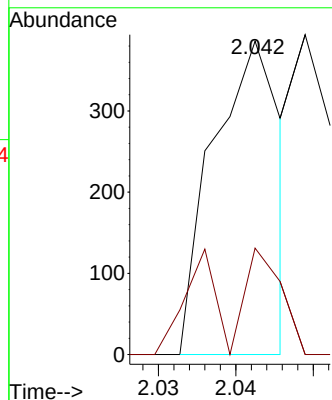
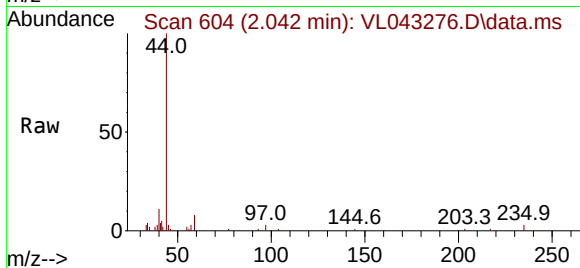
OA1DUP

Tgt Ion: 59 Resp: 237

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



#18

1,1-Dichloroethene

Concen: 0.009 ppbv

RT: 1.978 min Scan# 584

Delta R.T. -0.052 min

Lab File: VL043276.D

Acq: 21 Nov 2025 08:28

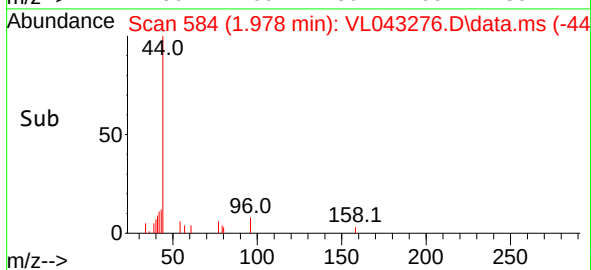
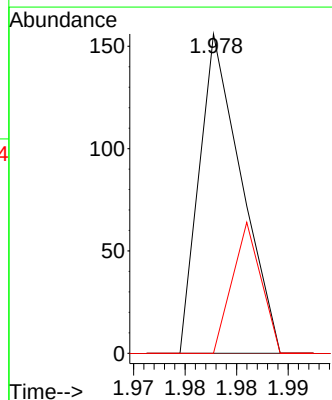
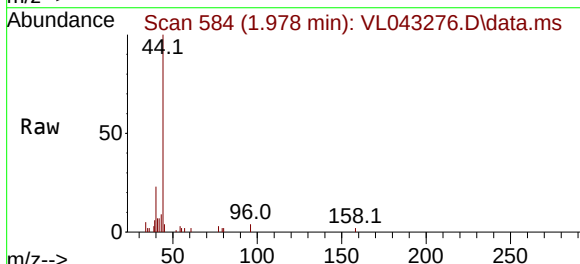
Tgt Ion: 96 Resp: 44

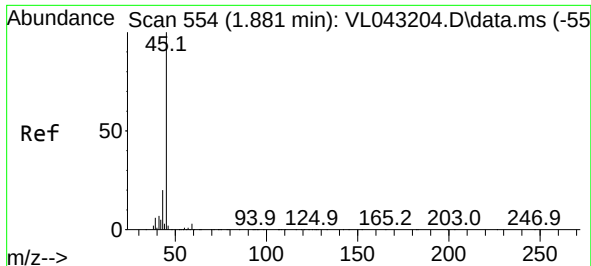
Ion Ratio Lower Upper

96 100

61 0.0 170.6 255.8#

98 0.0 52.2 78.4#

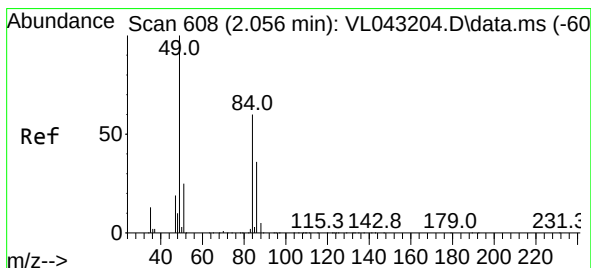
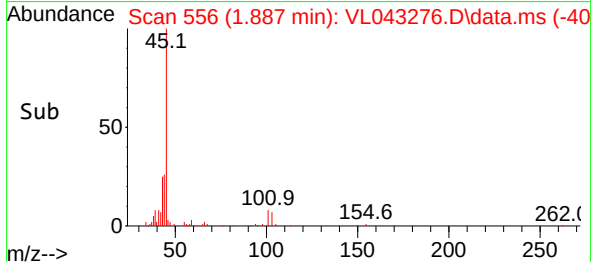
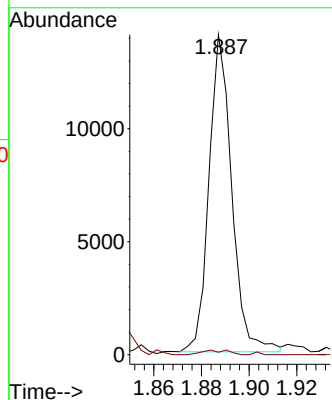
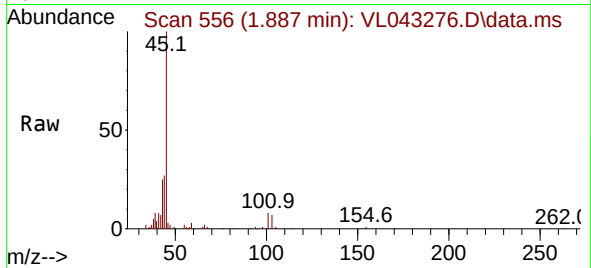




#19  
Isopropyl Alcohol  
Concen: 1.187 ppbv  
RT: 1.887 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

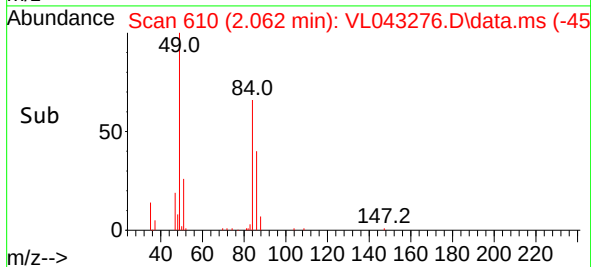
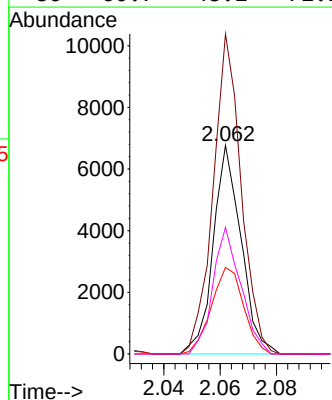
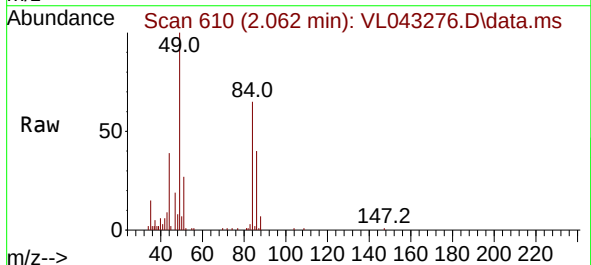
Instrument :  
MSVOA\_L  
ClientSampleId :  
OA1DUP

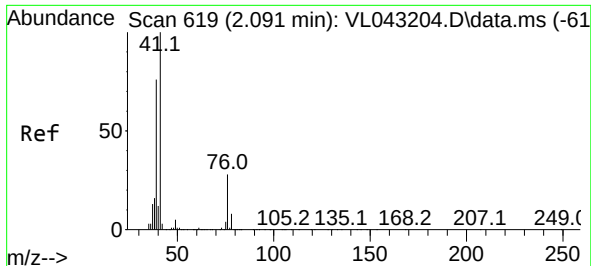
Tgt Ion: 45 Resp: 9350  
Ion Ratio Lower Upper  
45 100  
58 213.8 31.3 46.9#



#20  
Methylene Chloride  
Concen: 0.378 ppbv  
RT: 2.062 min Scan# 610  
Delta R.T. 0.006 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Tgt Ion: 84 Resp: 4657  
Ion Ratio Lower Upper  
84 100  
49 153.4 132.9 199.3  
51 41.5 34.8 52.2  
86 60.7 48.2 72.2

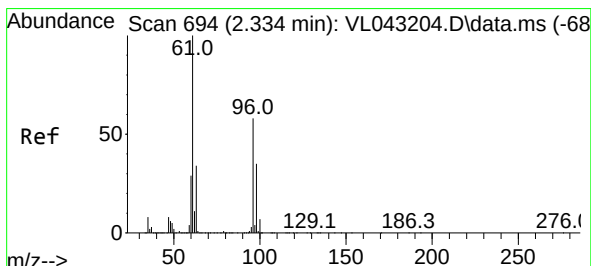
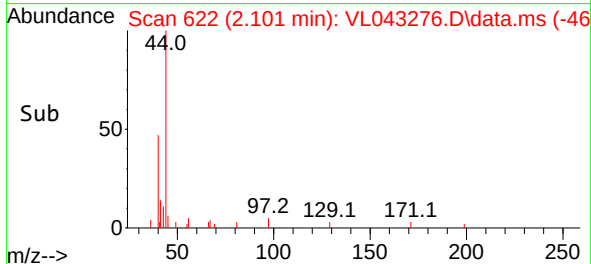
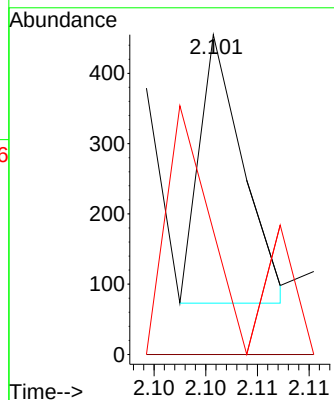
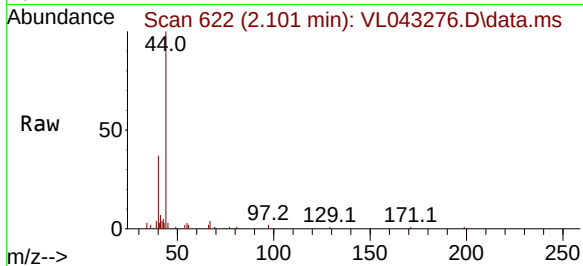




#21  
 Allyl Chloride  
 Concen: 0.012 ppbv  
 RT: 2.101 min Scan# 619  
 Delta R.T. 0.009 min  
 Lab File: VL043276.D  
 Acq: 21 Nov 2025 08:28

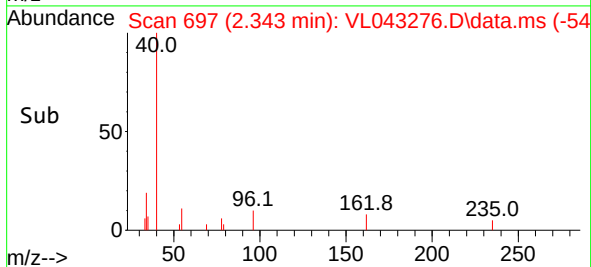
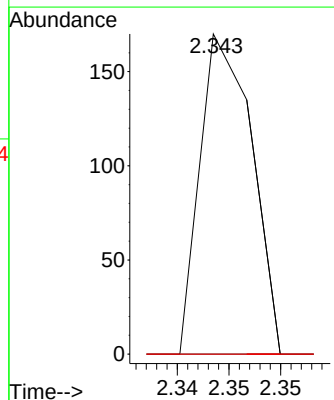
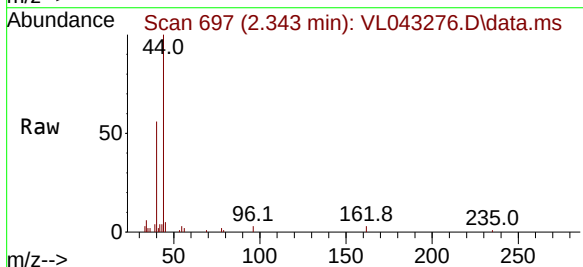
Instrument :  
 MSVOA\_1  
 ClientSampleId :  
 OA1DUP

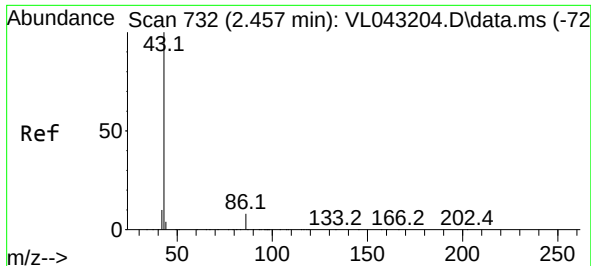
Tgt Ion: 41 Resp: 113  
 Ion Ratio Lower Upper  
 41 100  
 76 0.0 22.1 33.1#  
 39 0.0 61.0 91.4#



#22  
 trans-1,2-Dichloroethene  
 Concen: 0.010 ppbv  
 RT: 2.343 min Scan# 697  
 Delta R.T. 0.009 min  
 Lab File: VL043276.D  
 Acq: 21 Nov 2025 08:28

Tgt Ion: 96 Resp: 59  
 Ion Ratio Lower Upper  
 96 100  
 61 0.0 139.0 208.6#  
 98 0.0 49.4 74.2#

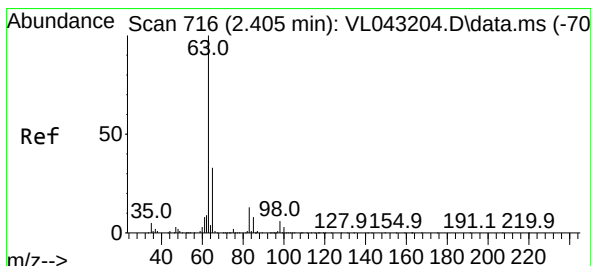
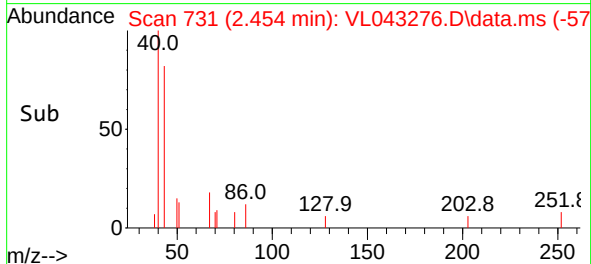
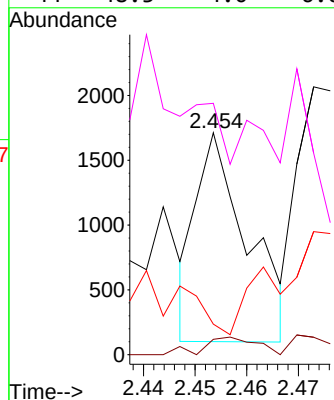
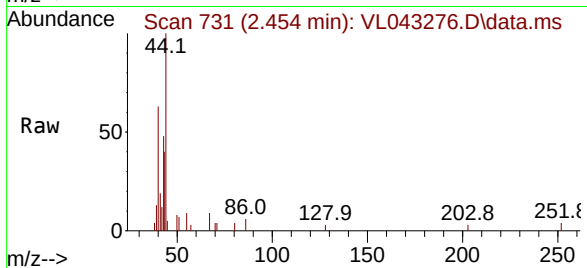




#23  
 Vinyl Acetate  
 Concen: 0.066 ppbv  
 RT: 2.454 min Scan# 711  
 Delta R.T. -0.004 min  
 Lab File: VL043276.D  
 Acq: 21 Nov 2025 08:28

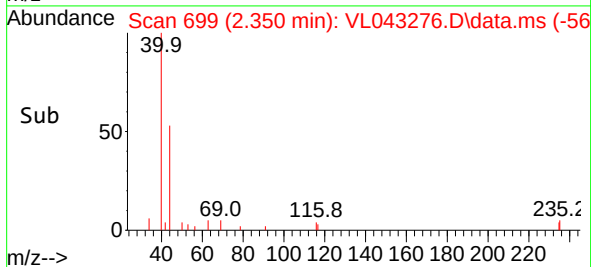
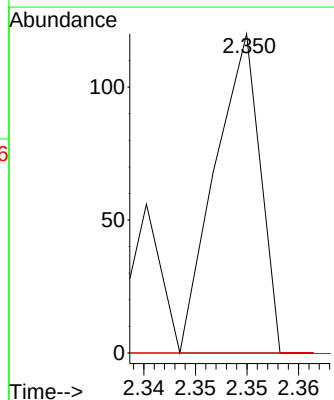
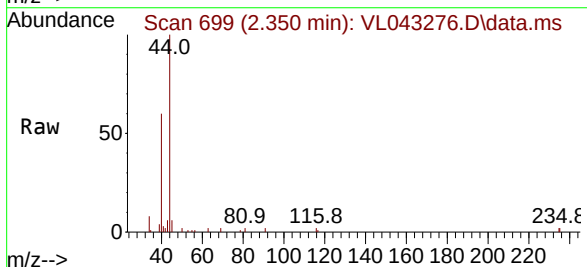
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 OA1DUP

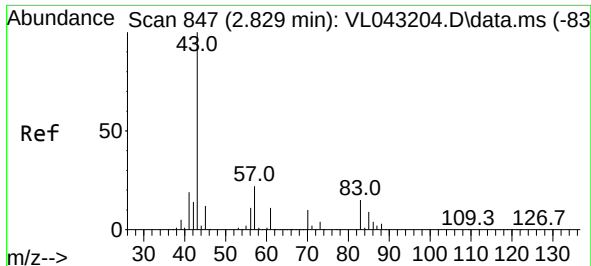
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 1115  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 10.1  | 6.2   | 9.2#  |
| 42       | 0.0   | 8.0   | 12.0# |
| 44       | 48.3  | 4.0   | 6.0#  |



#24  
 1,1-Dichloroethane  
 Concen: 0.003 ppbv  
 RT: 2.350 min Scan# 699  
 Delta R.T. -0.055 min  
 Lab File: VL043276.D  
 Acq: 21 Nov 2025 08:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 37    |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 98       | 0.0   | 2.8   | 8.4#  |
| 100      | 0.0   | 1.3   | 3.9#  |

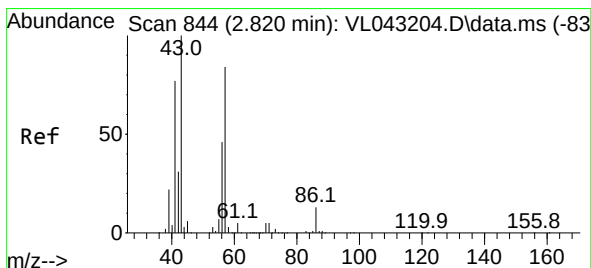
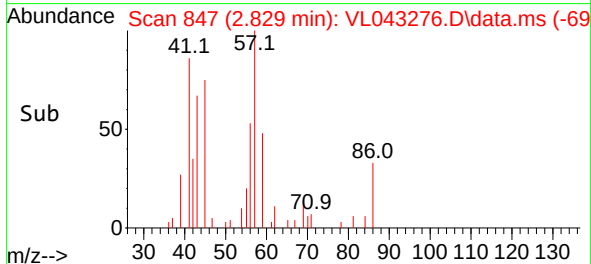
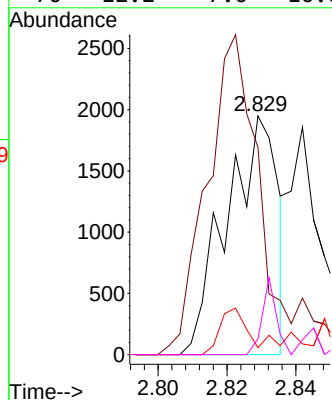
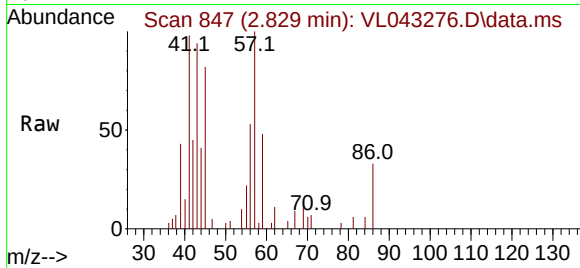




#25  
Ethyl Acetate  
Concen: 0.067 ppbv  
RT: 2.829 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

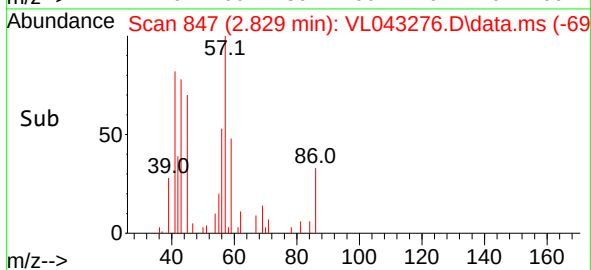
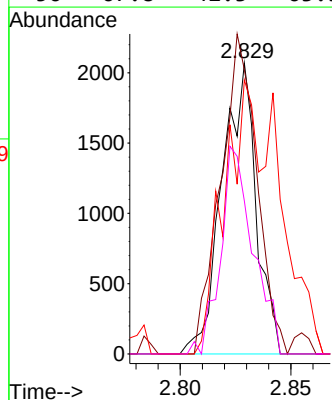
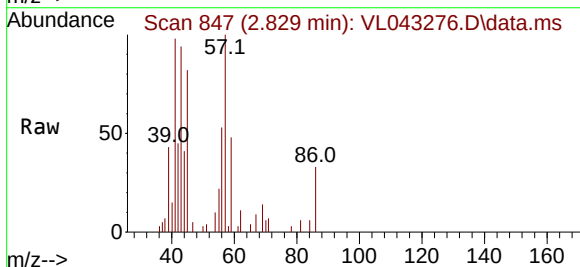
Instrument :  
MSVOA\_L  
ClientSampleId :  
OA1DUP

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 2013  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 45 143.2    | 8.1 12.1#   |
| 61 10.1     | 7.0 10.4    |
| 70 12.2     | 7.0 10.6#   |

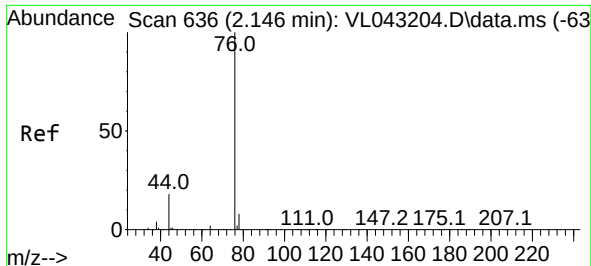


#26  
Hexane  
Concen: 0.168 ppbv  
RT: 2.829 min Scan# 847  
Delta R.T. 0.009 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

|             |              |
|-------------|--------------|
| Tgt Ion: 57 | Resp: 2220   |
| Ion Ratio   | Lower Upper  |
| 57 100      |              |
| 41 119.7    | 74.6 111.8#  |
| 43 150.4    | 179.0 268.4# |
| 56 67.8     | 42.3 63.5#   |







#27

Carbon Disulfide

Concen: 0.002 ppbv

RT: 2.188 min Scan# 649

Delta R.T. 0.042 min

Lab File: VL043276.D

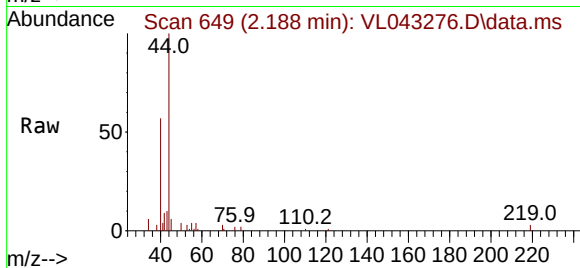
Acq: 21 Nov 2025 08:28

Instrument :

MSVOA\_L

ClientSampleId :

OA1DUP



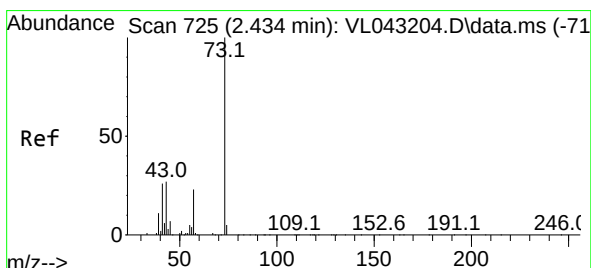
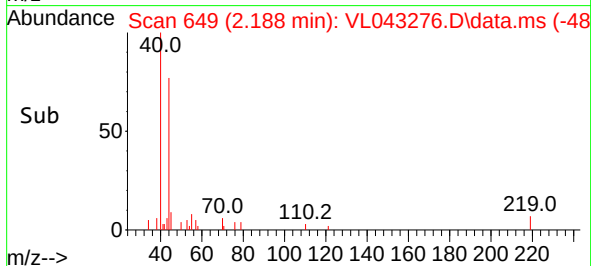
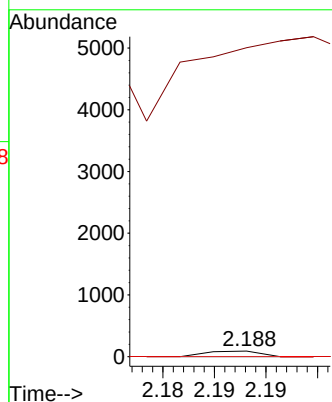
Tgt Ion: 76 Resp: 33

Ion Ratio Lower Upper

76 100

44 19912.1 16.1 24.1#

78 33.3 9.6 14.4#



#28

Methyl tert-Butyl Ether

Concen: 0.006 ppbv

RT: 2.441 min Scan# 727

Delta R.T. 0.006 min

Lab File: VL043276.D

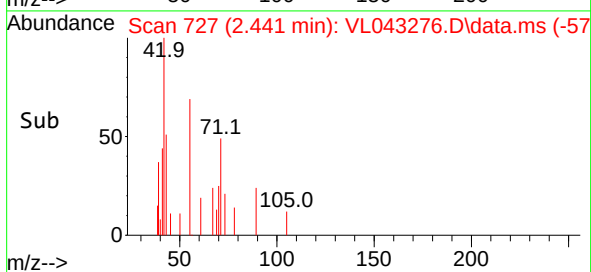
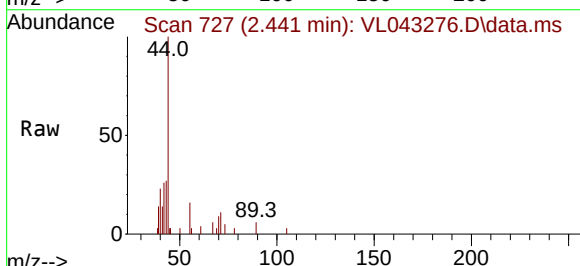
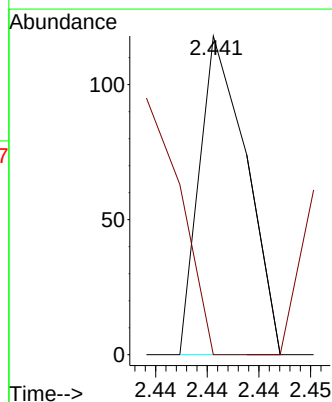
Acq: 21 Nov 2025 08:28

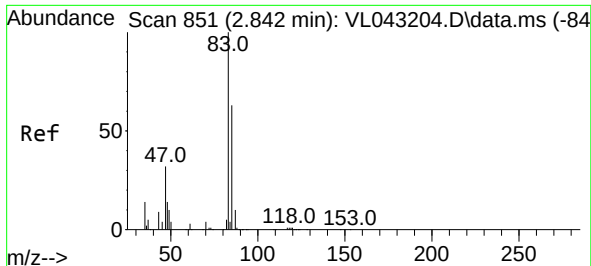
Tgt Ion: 73 Resp: 37

Ion Ratio Lower Upper

73 100

57 759.5 19.8 29.8#





#29

Chloroform

Concen: 0.010 ppbv

RT: 2.855 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL043276.D

Acq: 21 Nov 2025 08:28

Instrument :

MSVOA\_L

ClientSampleId :

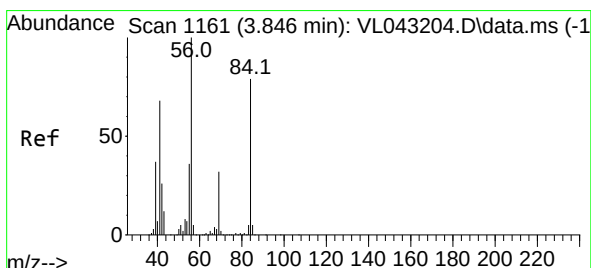
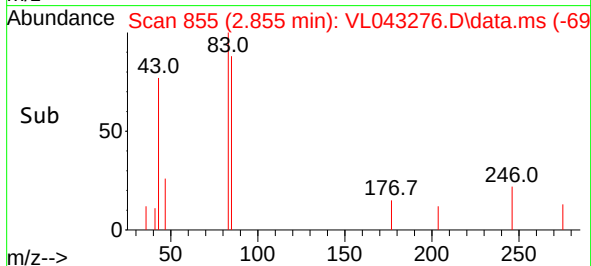
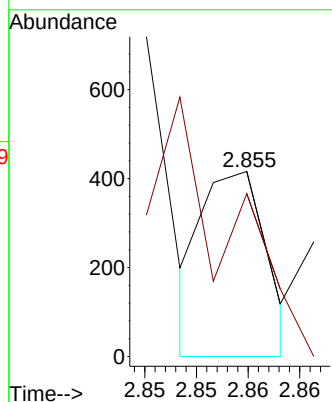
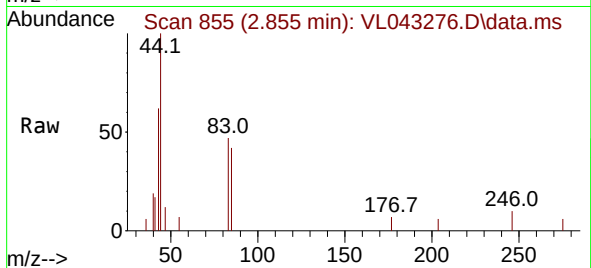
OA1DUP

Tgt Ion: 83 Resp: 179

Ion Ratio Lower Upper

83 100

85 71.8 50.5 75.7



#30

Cyclohexane

Concen: 0.007 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. 0.009 min

Lab File: VL043276.D

Acq: 21 Nov 2025 08:28

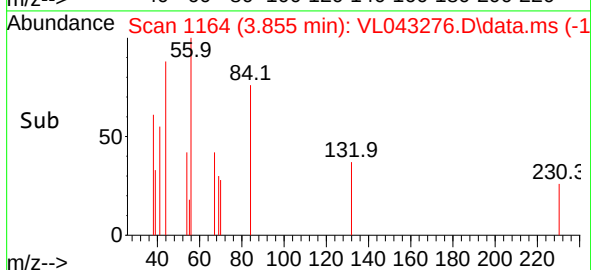
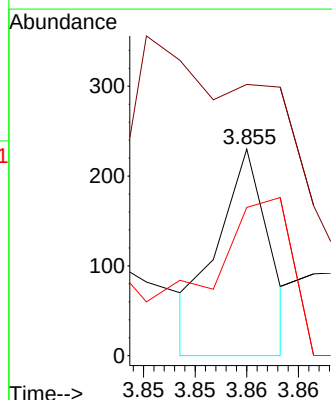
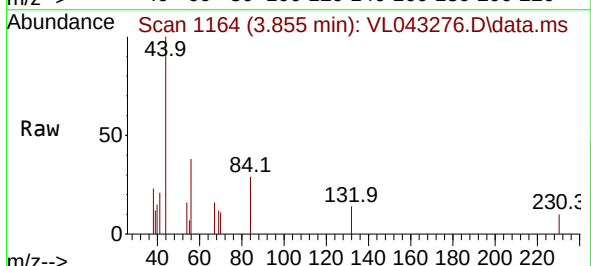
Tgt Ion: 84 Resp: 80

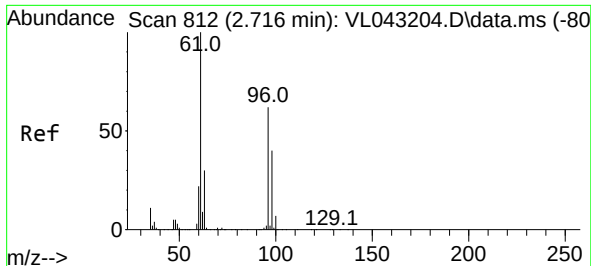
Ion Ratio Lower Upper

84 100

56 0.0 104.7 157.1#

41 382.5 69.0 103.6#

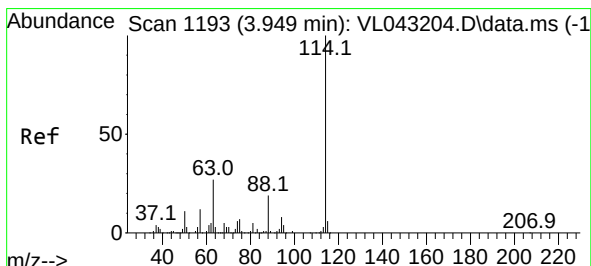
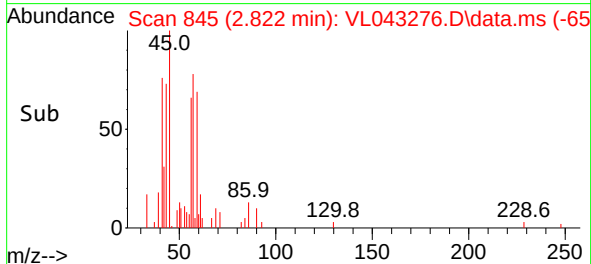
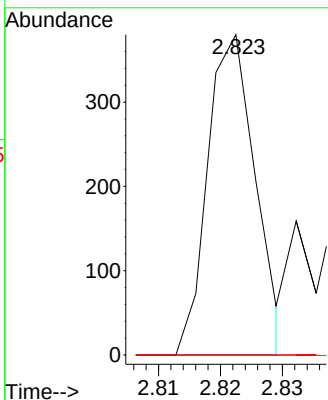
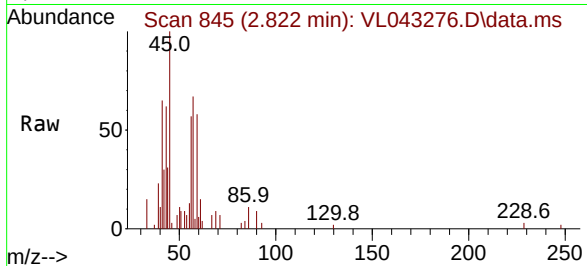




#31  
 cis-1,2-Dichloroethene  
 Concen: 0.016 ppbv  
 RT: 2.822 min Scan# 845  
 Delta R.T. 0.106 min  
 Lab File: VL043276.D  
 Acq: 21 Nov 2025 08:28

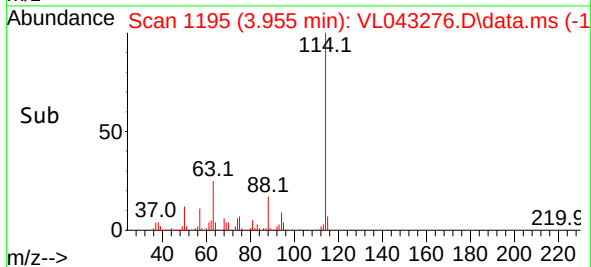
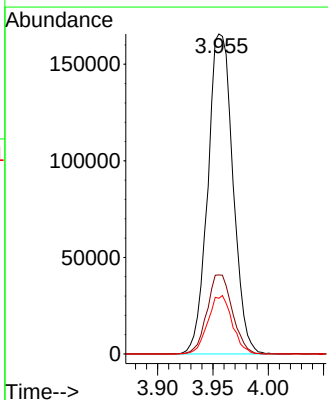
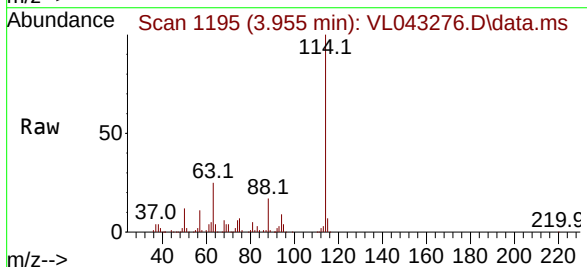
Instrument :  
 MSVOA\_1  
 ClientSampleId :  
 OA1DUP

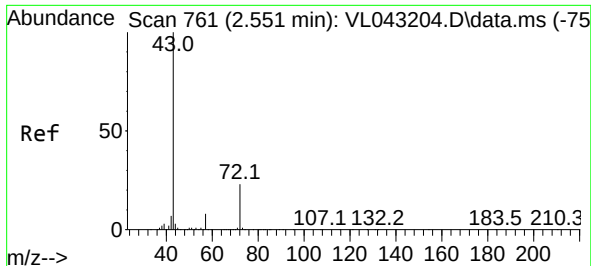
Tgt Ion: 61 Resp: 204  
 Ion Ratio Lower Upper  
 61 100  
 96 0.0 49.3 73.9#  
 98 0.0 32.1 48.1#



#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 3.955 min Scan# 1195  
 Delta R.T. 0.006 min  
 Lab File: VL043276.D  
 Acq: 21 Nov 2025 08:28

Tgt Ion: 114 Resp: 261614  
 Ion Ratio Lower Upper  
 114 100  
 63 25.0 21.0 31.6  
 88 17.7 14.9 22.3

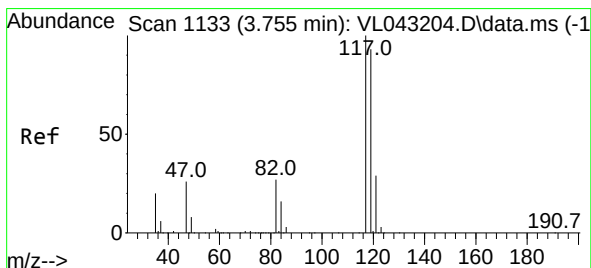
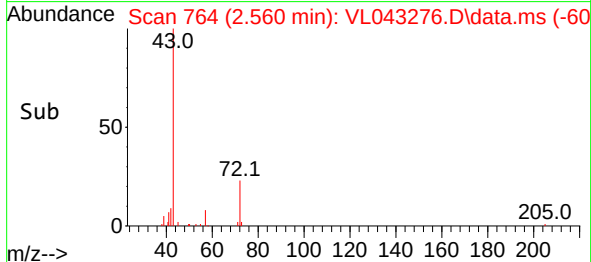
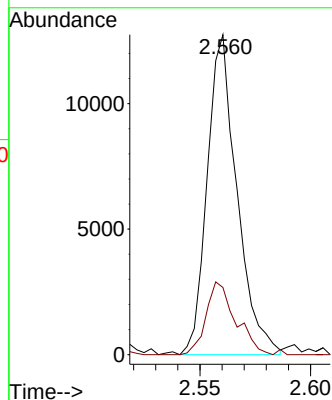
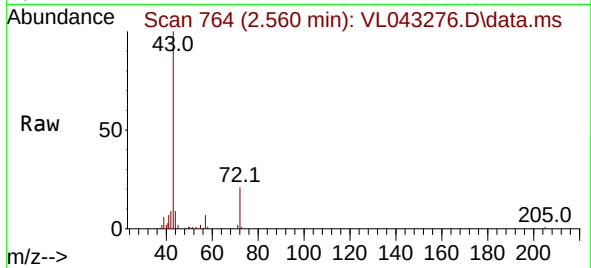




#34  
2-Butanone  
Concen: 0.645 ppbv  
RT: 2.560 min Scan# 764  
Delta R.T. 0.009 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

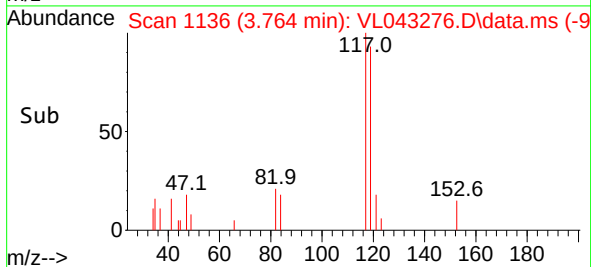
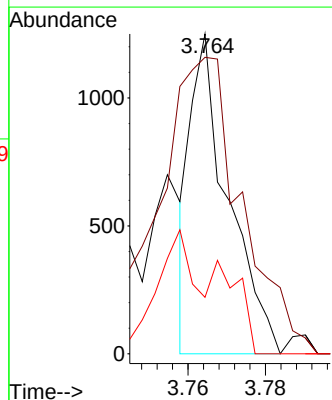
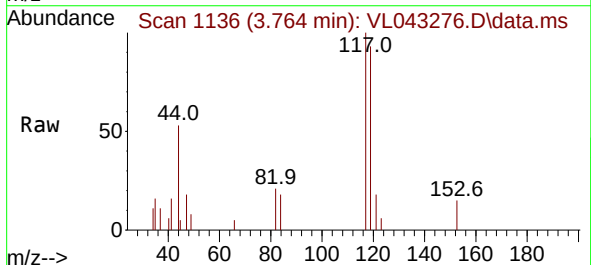
Instrument :  
MSVOA\_L  
ClientSampleId :  
OA1DUP

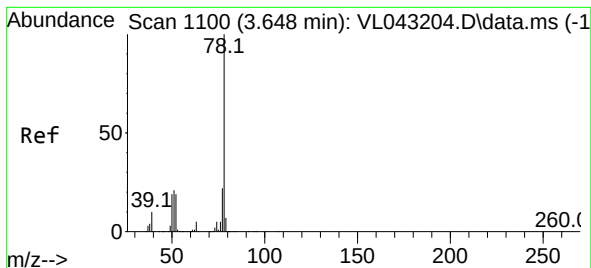
Tgt Ion: 43 Resp: 11906  
Ion Ratio Lower Upper  
43 100  
72 22.9 18.1 27.1



#35  
Carbon Tetrachloride  
Concen: 0.043 ppbv  
RT: 3.764 min Scan# 1136  
Delta R.T. 0.009 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Tgt Ion: 117 Resp: 844  
Ion Ratio Lower Upper  
117 100  
119 72.0 74.6 112.0#  
121 17.7 23.2 34.8#





#36

Benzene

Concen: 0.113 ppbv

RT: 3.654 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VL043276.D

Acq: 21 Nov 2025 08:28

Instrument :

MSVOA\_L

ClientSampleId :

OA1DUP

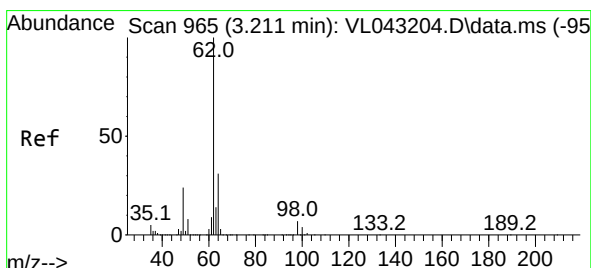
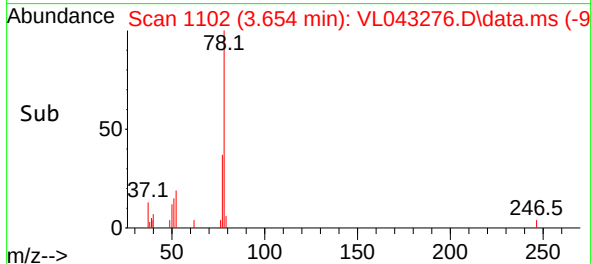
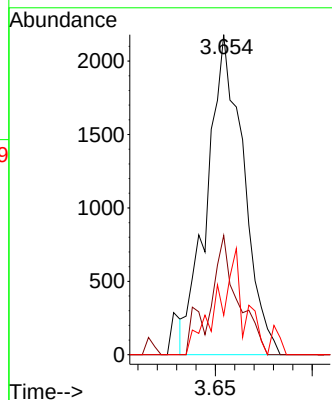
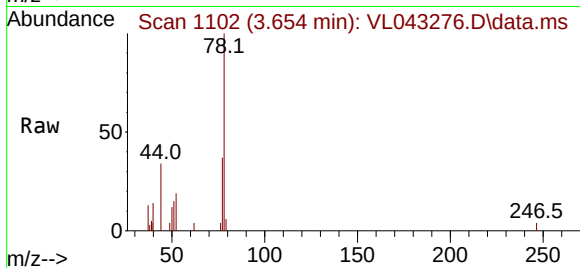
Tgt Ion: 78 Resp: 2840

Ion Ratio Lower Upper

78 100

77 37.2 17.5 26.3#

50 12.3 15.5 23.3#



#37

1,2-Dichloroethane

Concen: 0.006 ppbv

RT: 3.211 min Scan# 965

Delta R.T. -0.000 min

Lab File: VL043276.D

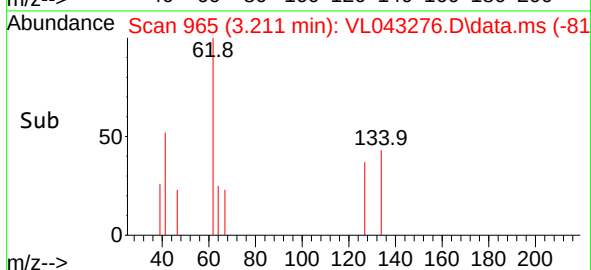
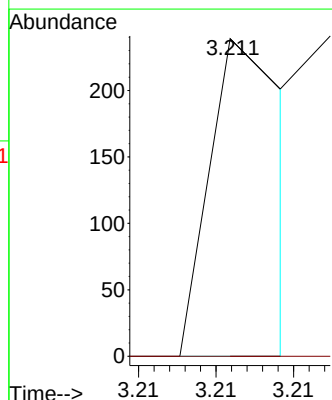
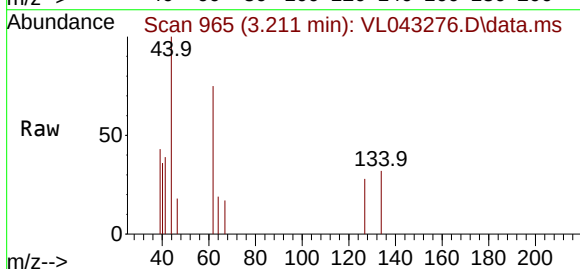
Acq: 21 Nov 2025 08:28

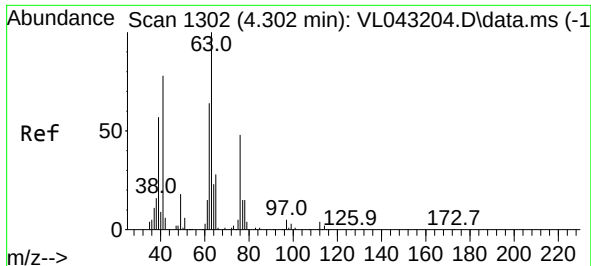
Tgt Ion: 62 Resp: 85

Ion Ratio Lower Upper

62 100

98 0.0 5.5 8.3#





#39

1,2-Dichloropropane

Concen: 7.120 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.347 min

Lab File: VL043276.D

Acq: 21 Nov 2025 08:28

Instrument :

MSVOA\_L

ClientSampleId :

OA1DUP

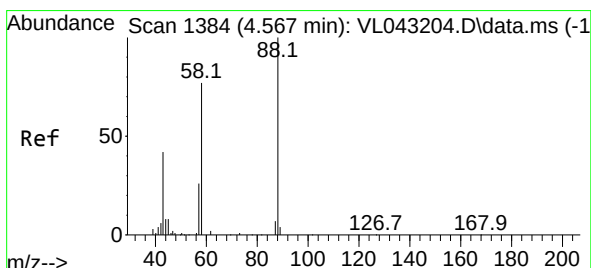
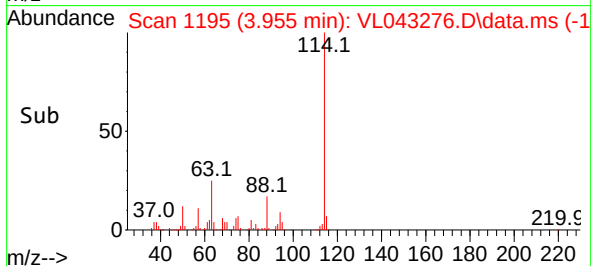
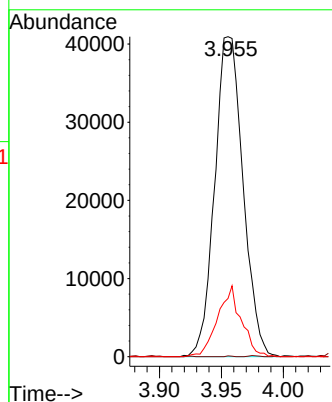
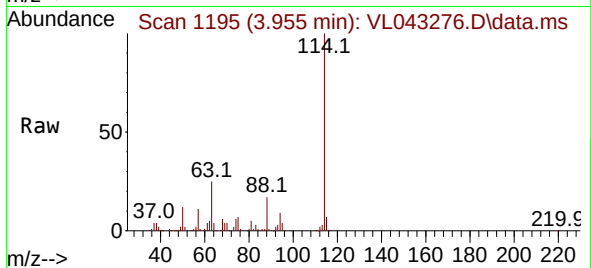
Tgt Ion: 63 Resp: 65285

Ion Ratio Lower Upper

63 100

41 0.3 62.6 93.8#

62 18.2 51.0 76.6#



#40

1,4-Dioxane

Concen: 0.007 ppbv

RT: 4.392 min Scan# 1330

Delta R.T. -0.175 min

Lab File: VL043276.D

Acq: 21 Nov 2025 08:28

Tgt Ion: 88 Resp: 28

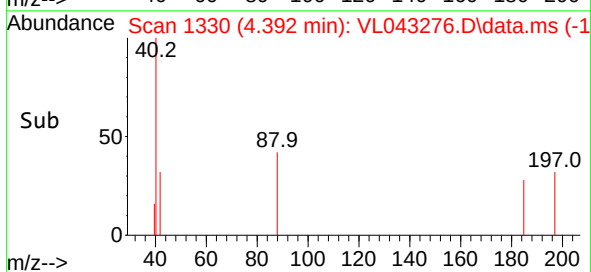
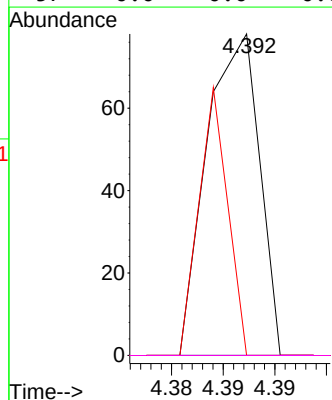
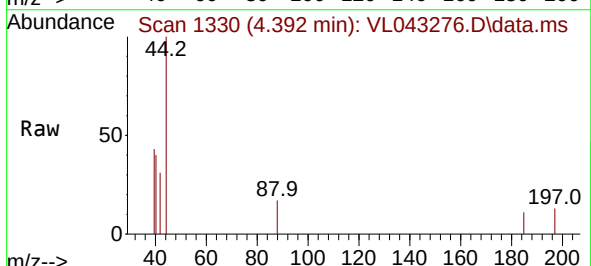
Ion Ratio Lower Upper

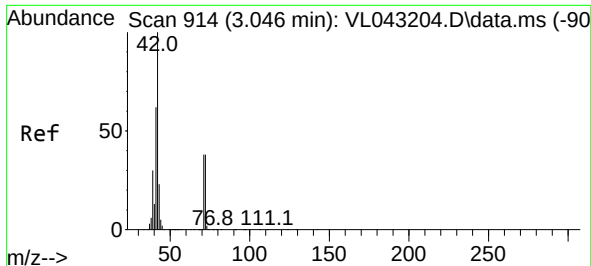
88 100

58 0.0 63.0 94.6#

43 257.1 32.5 48.7#

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.005 ppbv

RT: 3.059 min Scan# 914

Delta R.T. 0.013 min

Lab File: VL043276.D

Acq: 21 Nov 2025 08:28

Instrument :

MSVOA\_L

ClientSampleId :

OA1DUP

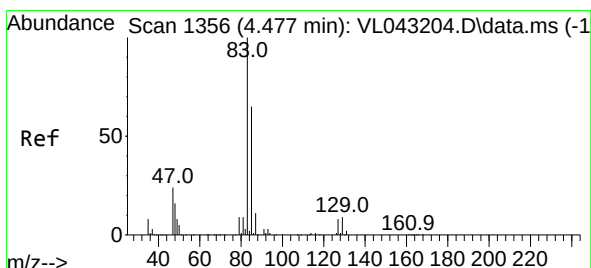
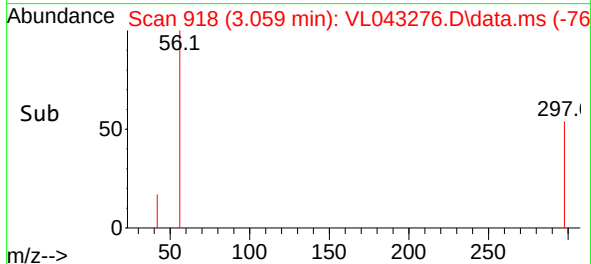
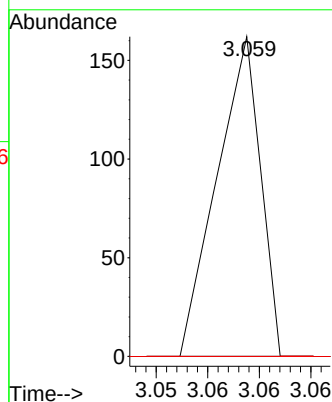
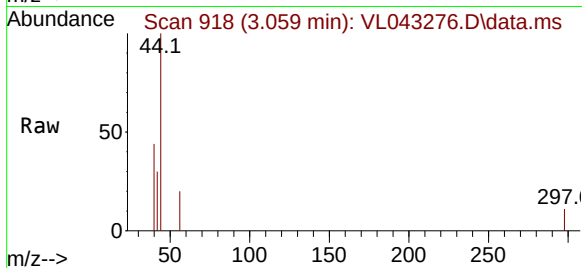
Tgt Ion: 42 Resp: 48

Ion Ratio Lower Upper

42 100

72 0.0 30.6 46.0#

71 0.0 30.5 45.7#



#42

Bromodichloromethane

Concen: 0.001 ppbv

RT: 4.493 min Scan# 1361

Delta R.T. 0.016 min

Lab File: VL043276.D

Acq: 21 Nov 2025 08:28

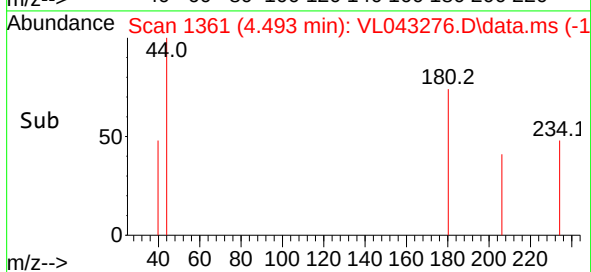
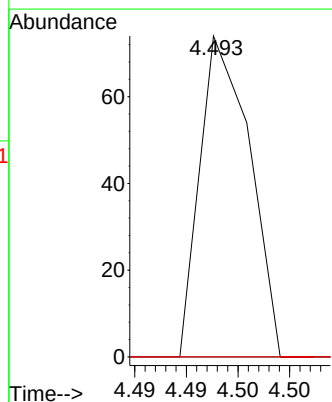
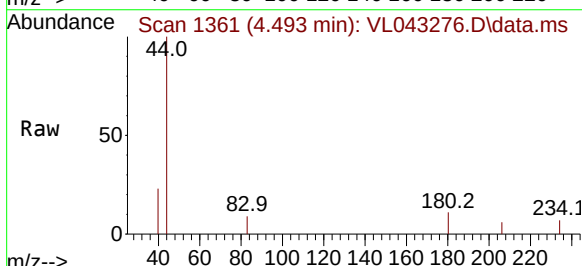
Tgt Ion: 83 Resp: 25

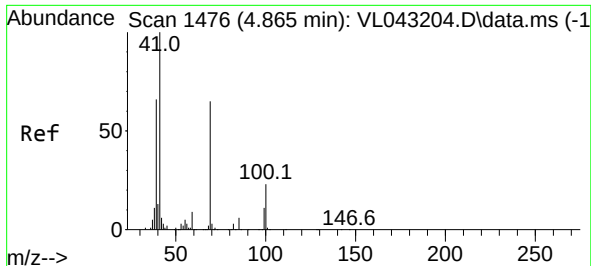
Ion Ratio Lower Upper

83 100

85 0.0 51.7 77.5#

127 0.0 6.3 9.5#

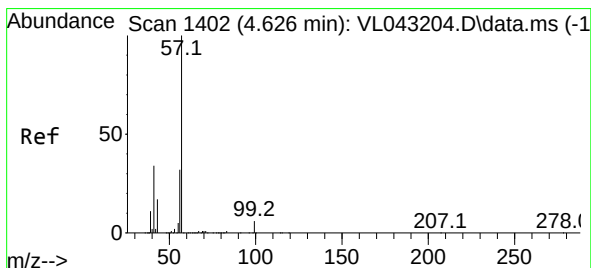
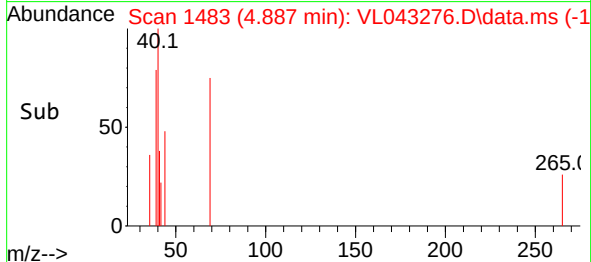
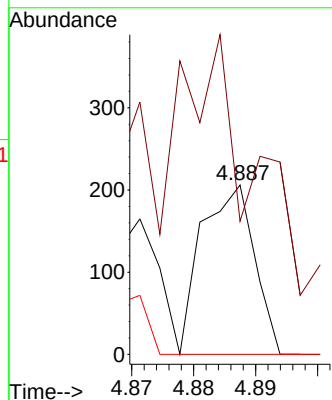
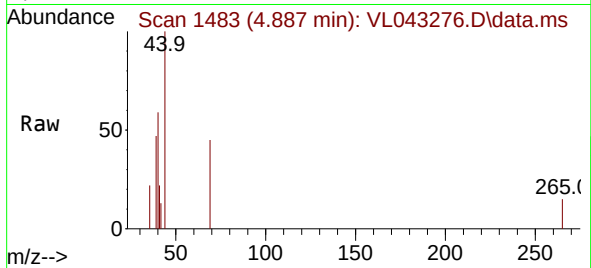




#43  
Methyl Methacrylate  
Concen: 0.009 ppbv  
RT: 4.887 min Scan# 1476  
Delta R.T. 0.022 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

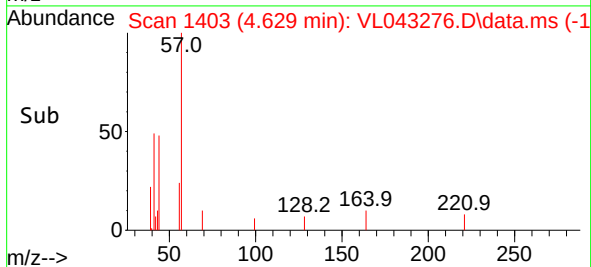
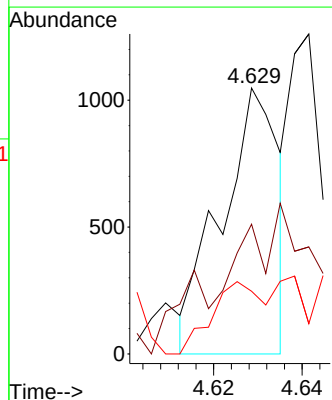
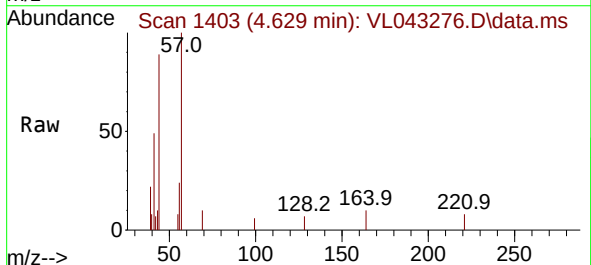
Instrument :  
MSVOA\_1  
ClientSampleId :  
OA1DUP

Tgt Ion: 69 Resp: 122  
Ion Ratio Lower Upper  
69 100  
41 527.0 126.7 190.1#  
100 0.0 28.6 43.0#

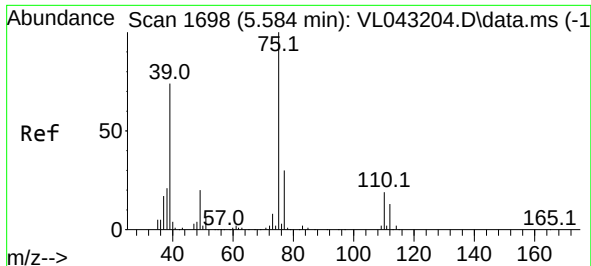


#44  
2,2,4-Trimethylpentane  
Concen: 0.022 ppbv  
RT: 4.629 min Scan# 1403  
Delta R.T. 0.003 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Tgt Ion: 57 Resp: 941  
Ion Ratio Lower Upper  
57 100  
41 117.9 28.0 42.0#  
56 0.0 25.6 38.4#



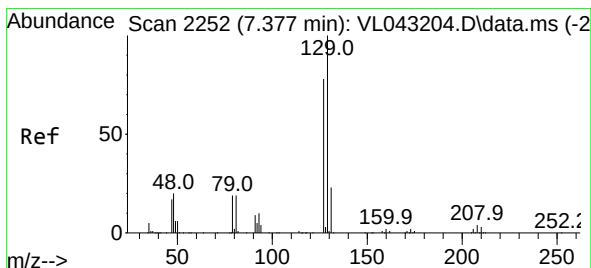
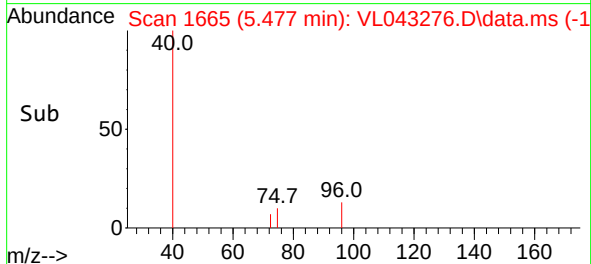
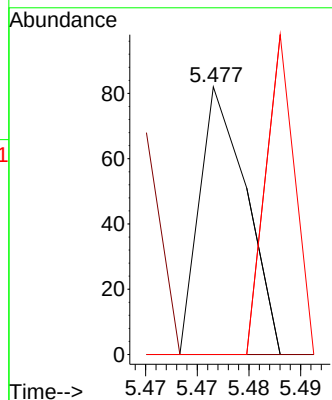
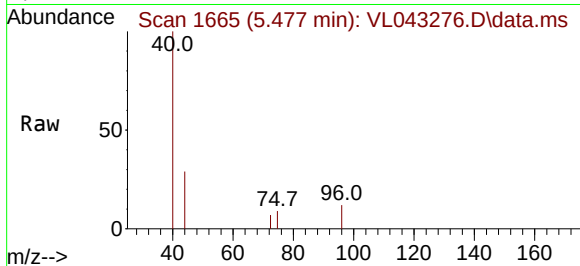




#46  
 cis-1,3-Dichloropropene  
 Concen: 0.002 ppbv  
 RT: 5.477 min Scan# 1  
 Delta R.T. -0.107 min  
 Lab File: VL043276.D  
 Acq: 21 Nov 2025 08:28

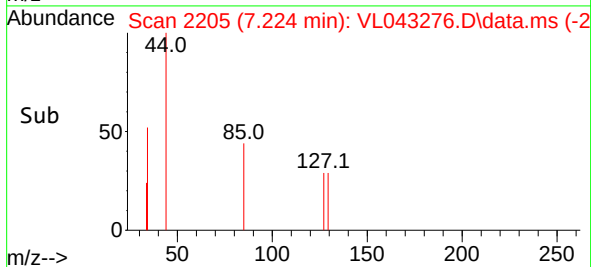
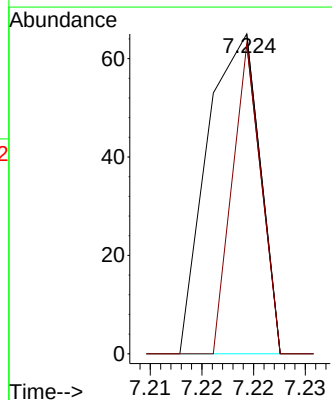
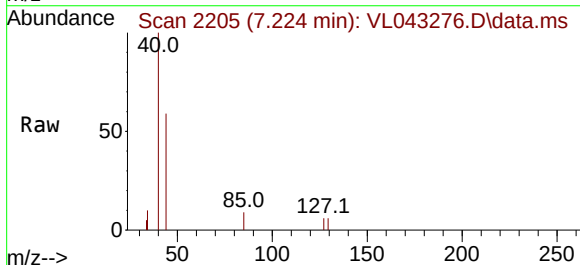
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 OA1DUP

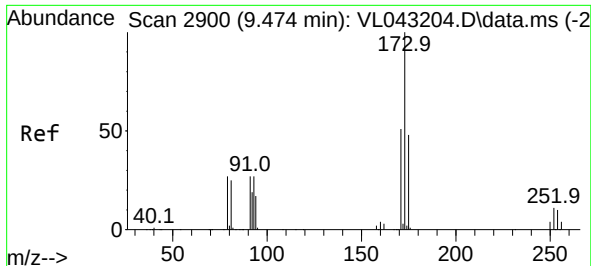
Tgt Ion: 75 Resp: 26  
 Ion Ratio Lower Upper  
 75 100  
 39 0.0 59.1 88.7#  
 77 0.0 24.2 36.2#



#48  
 Dibromochloromethane  
 Concen: 0.001 ppbv  
 RT: 7.224 min Scan# 2205  
 Delta R.T. -0.152 min  
 Lab File: VL043276.D  
 Acq: 21 Nov 2025 08:28

Tgt Ion: 129 Resp: 23  
 Ion Ratio Lower Upper  
 129 100  
 127 0.0 39.3 117.9#

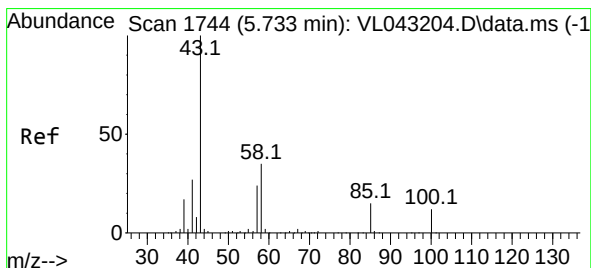
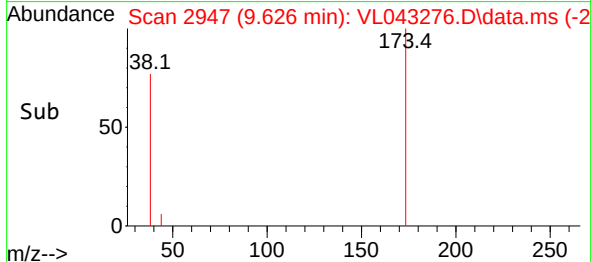
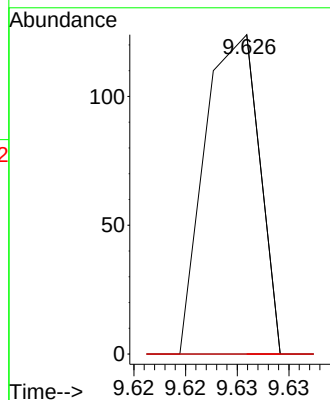
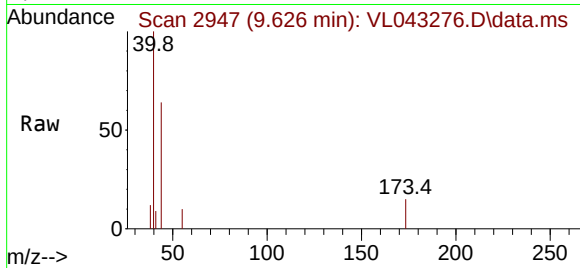




#49  
Bromoform  
Concen: 0.003 ppbv  
RT: 9.626 min Scan# 2900  
Delta R.T. 0.152 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

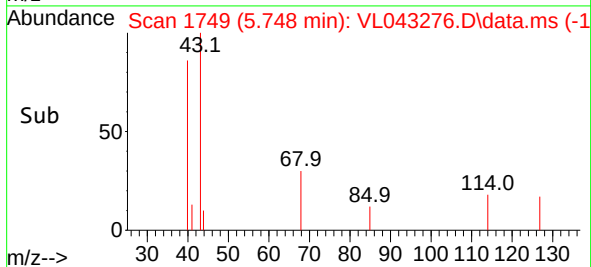
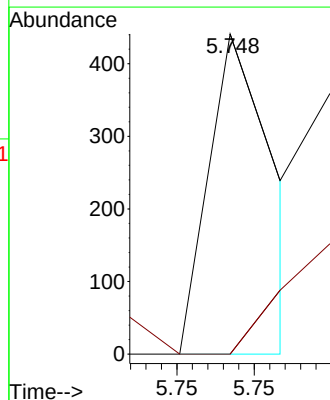
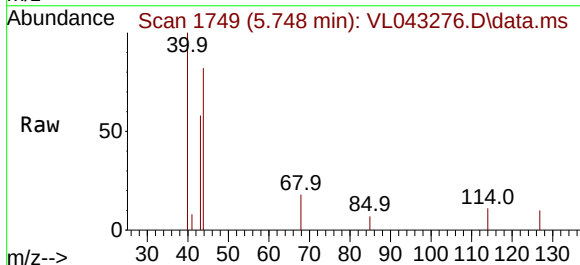
Instrument :  
MSVOA\_L  
ClientSampleId :  
OA1DUP

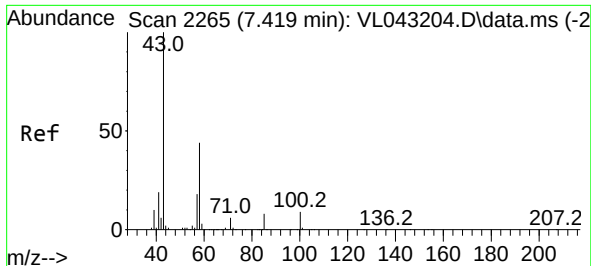
Tgt Ion:173 Resp: 45  
Ion Ratio Lower Upper  
173 100  
175 0.0 38.6 58.0#  
171 0.0 40.6 61.0#



#50  
4-Methyl-2-Pentanone  
Concen: 0.005 ppbv  
RT: 5.748 min Scan# 1749  
Delta R.T. 0.016 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Tgt Ion: 43 Resp: 132  
Ion Ratio Lower Upper  
43 100  
58 0.0 28.4 42.6#

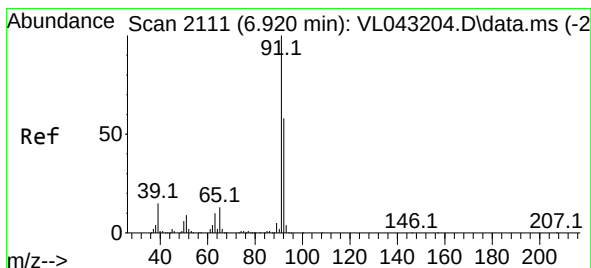
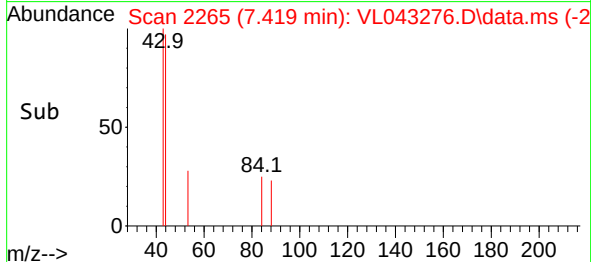
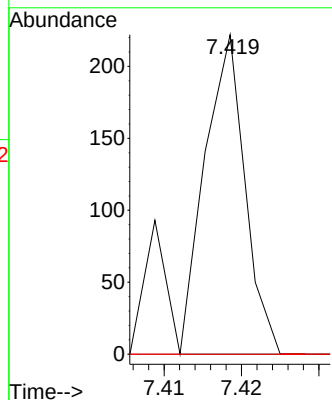
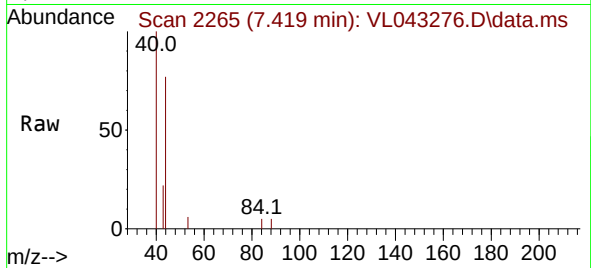




#51  
2-Hexanone  
Concen: 0.004 ppbv  
RT: 7.419 min Scan# 2115  
Delta R.T. -0.000 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

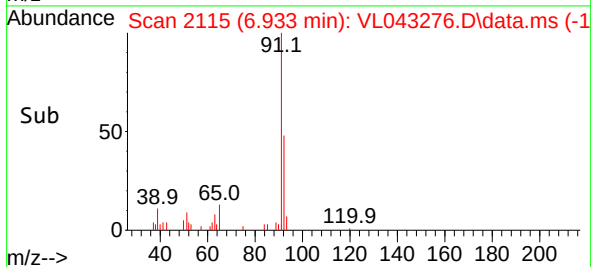
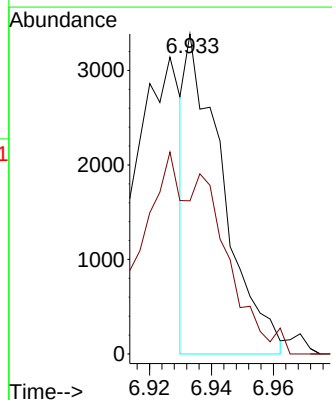
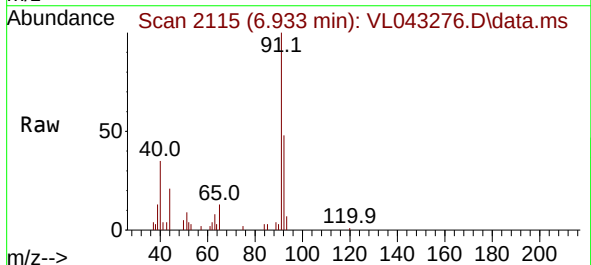
Instrument :  
MSVOA\_L  
ClientSampleId :  
OA1DUP

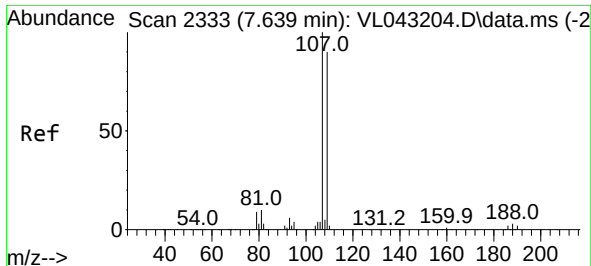
Tgt Ion: 43 Resp: 80  
Ion Ratio Lower Upper  
43 100  
58 0.0 38.4 57.6#  
98 0.0 0.0 0.0



#53  
Toluene  
Concen: 0.094 ppbv  
RT: 6.933 min Scan# 2115  
Delta R.T. 0.013 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Tgt Ion: 91 Resp: 2800  
Ion Ratio Lower Upper  
91 100  
92 0.0 47.4 71.0#

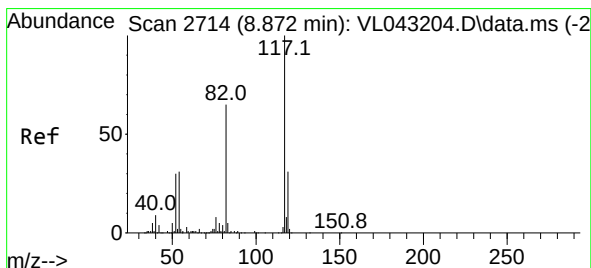
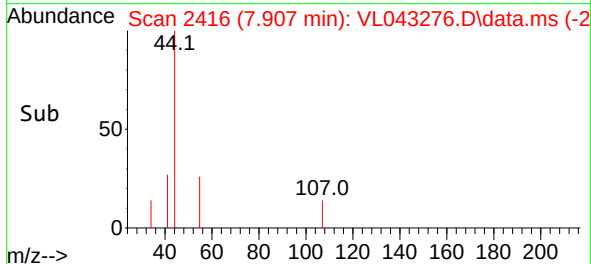
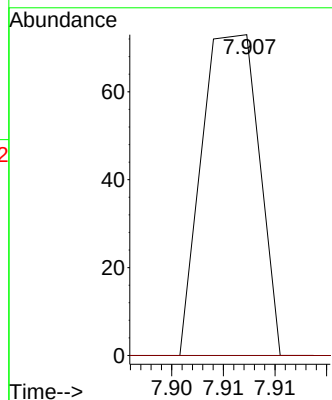
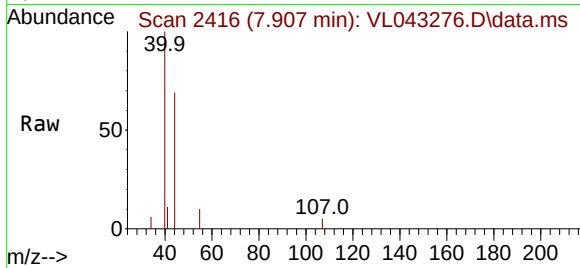




#54  
1,2-Dibromoethane  
Concen: 0.002 ppbv  
RT: 7.907 min Scan# 2416  
Delta R.T. 0.268 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

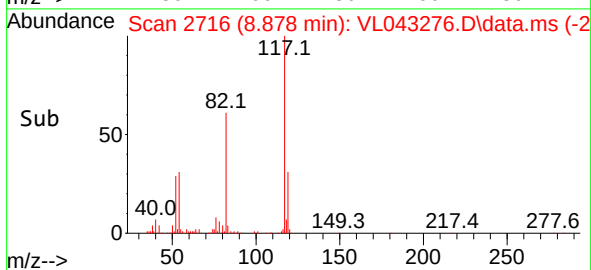
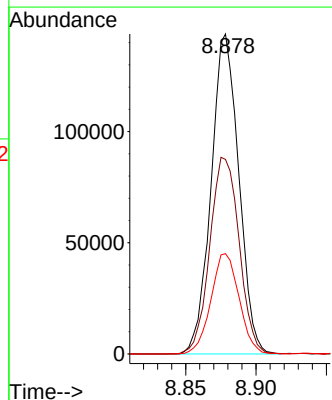
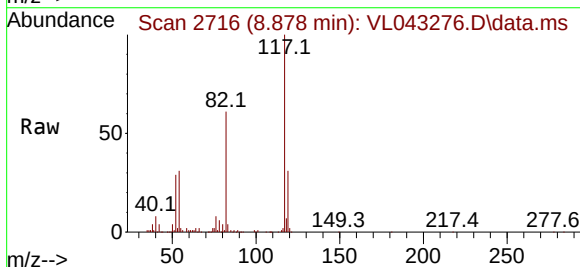
Instrument :  
MSVOA\_L  
ClientSampleId :  
OA1DUP

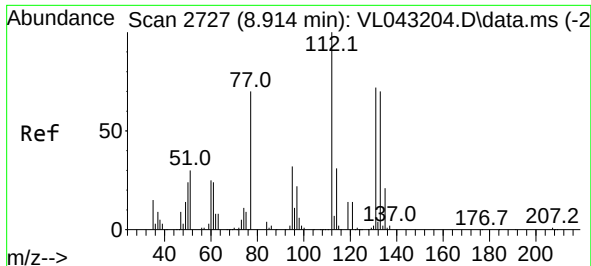
Tgt Ion:107 Resp: 28  
Ion Ratio Lower Upper  
107 100  
109 0.0 72.1 108.1#



#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 8.878 min Scan# 2716  
Delta R.T. 0.006 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Tgt Ion:117 Resp: 196980  
Ion Ratio Lower Upper  
117 100  
82 65.3 56.1 84.1  
119 32.0 25.0 37.6

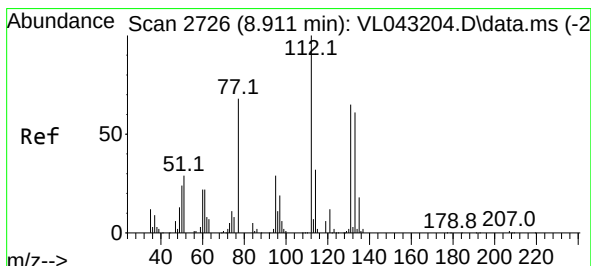
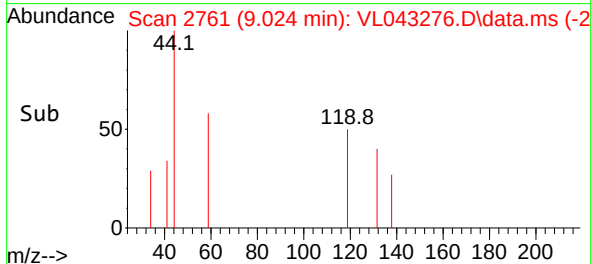
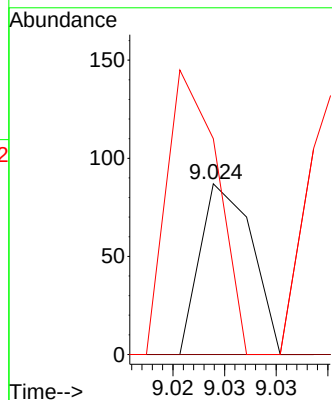
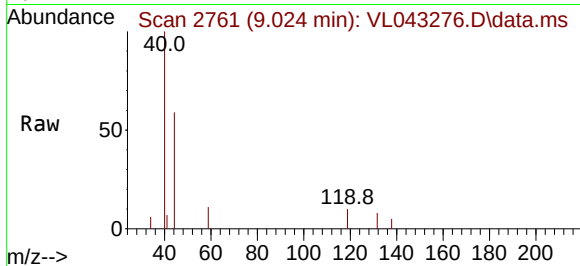




#56  
 1,1,1,2-Tetrachloroethane  
 Concen: 0.002 ppbv  
 RT: 9.024 min Scan# 21  
 Delta R.T. 0.110 min  
 Lab File: VL043276.D  
 Acq: 21 Nov 2025 08:28

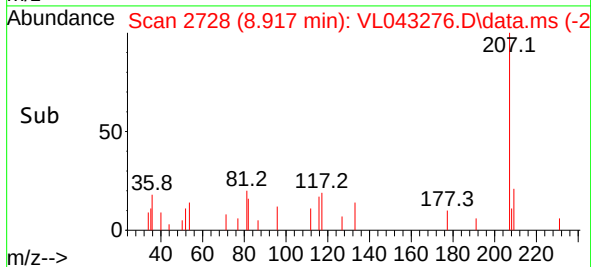
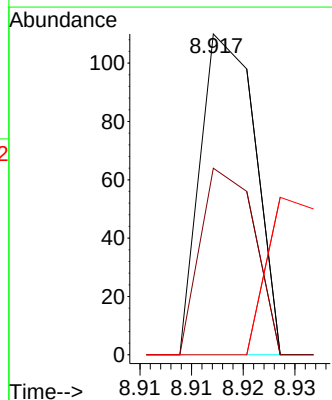
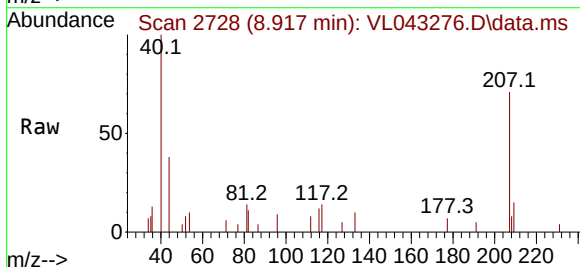
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 OA1DUP

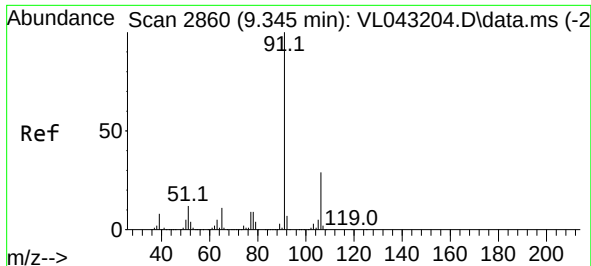
Tgt Ion:131 Resp: 31  
 Ion Ratio Lower Upper  
 131 100  
 133 2216.1 77.4 116.2#  
 119 203180.6 49.1 73.7#



#57  
 Chlorobenzene  
 Concen: 0.002 ppbv  
 RT: 8.917 min Scan# 2728  
 Delta R.T. 0.006 min  
 Lab File: VL043276.D  
 Acq: 21 Nov 2025 08:28

Tgt Ion:112 Resp: 40  
 Ion Ratio Lower Upper  
 112 100  
 77 58.2 55.5 83.3  
 114 0.0 29.1 35.5#





#58

Ethyl Benzene

Concen: 0.076 ppbv

RT: 9.354 min Scan# 2863

Delta R.T. 0.009 min

Lab File: VL043276.D

Acq: 21 Nov 2025 08:28

Instrument :

MSVOA\_1

ClientSampleId :

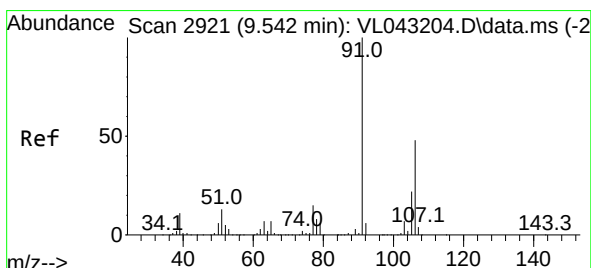
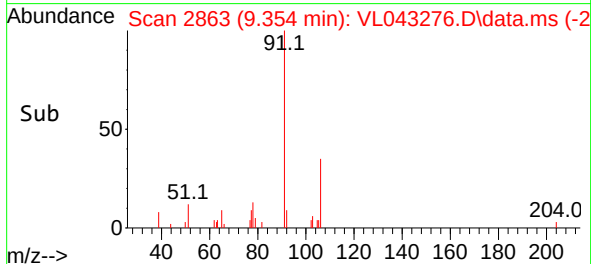
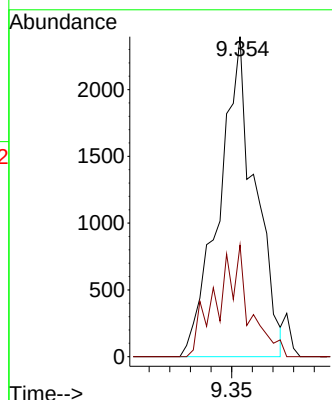
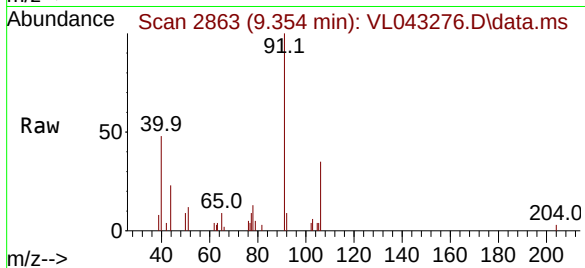
OA1DUP

Tgt Ion: 91 Resp: 2894

Ion Ratio Lower Upper

91 100

106 34.9 22.8 34.2#



#59

m/p-Xylene

Concen: 0.085 ppbv

RT: 9.548 min Scan# 2923

Delta R.T. 0.006 min

Lab File: VL043276.D

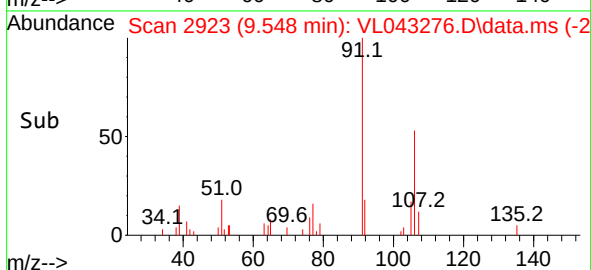
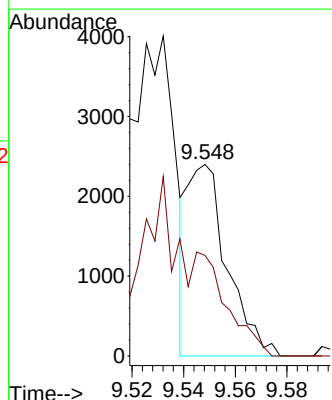
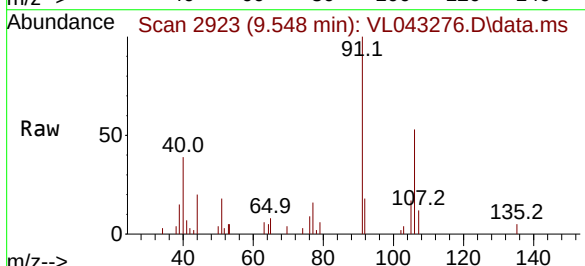
Acq: 21 Nov 2025 08:28

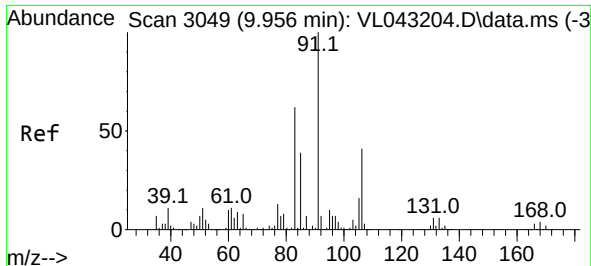
Tgt Ion: 91 Resp: 2569

Ion Ratio Lower Upper

91 100

106 0.0 36.1 54.1#

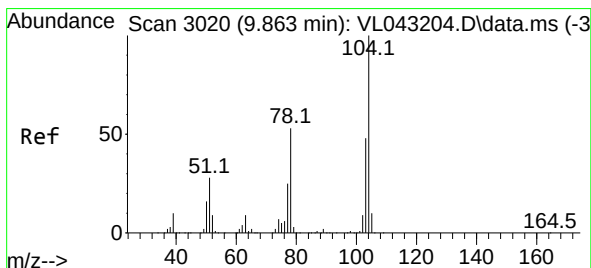
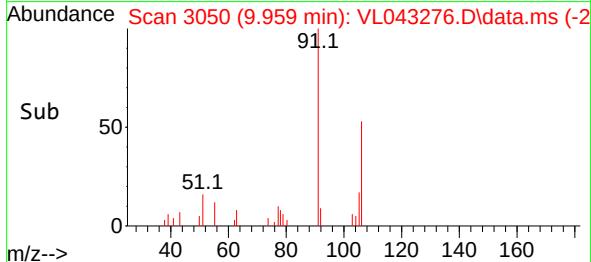
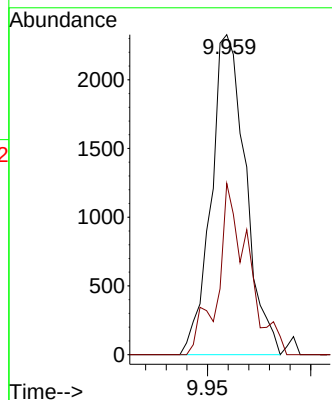
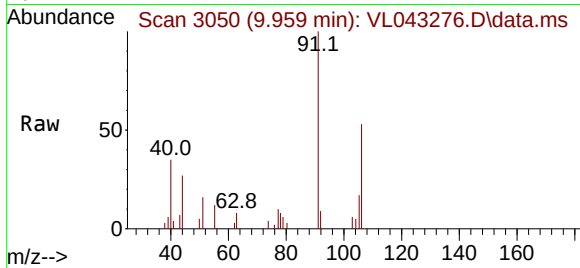




#60  
o-Xylene  
Concen: 0.089 ppbv  
RT: 9.959 min Scan# 3049  
Delta R.T. 0.003 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

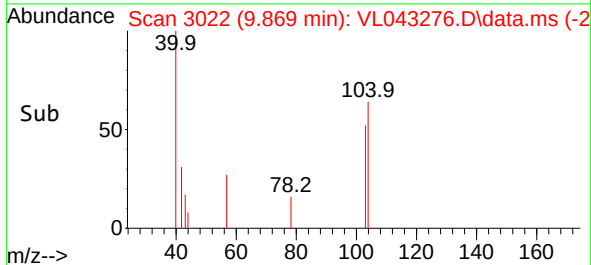
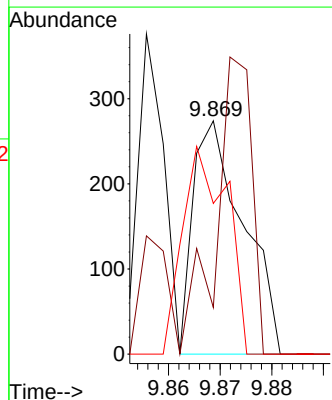
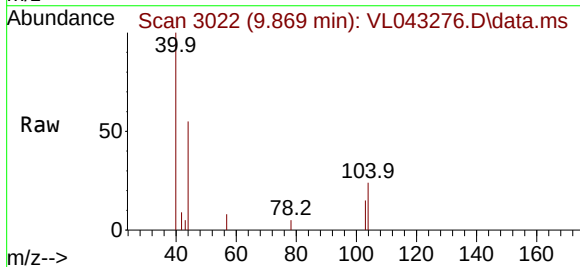
Instrument :  
MSVOA\_1  
ClientSampleId :  
OA1DUP

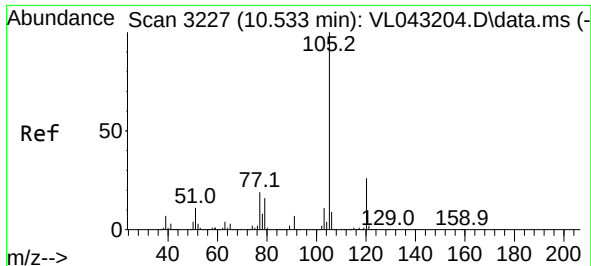
Tgt Ion: 91 Resp: 2700  
Ion Ratio Lower Upper  
91 100  
106 47.7 20.9 62.8



#61  
Styrene  
Concen: 0.014 ppbv  
RT: 9.869 min Scan# 3022  
Delta R.T. 0.006 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Tgt Ion: 104 Resp: 186  
Ion Ratio Lower Upper  
104 100  
78 117.2 42.1 63.1#  
103 78.5 37.2 55.8#

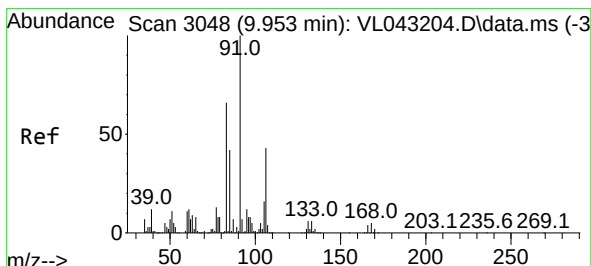
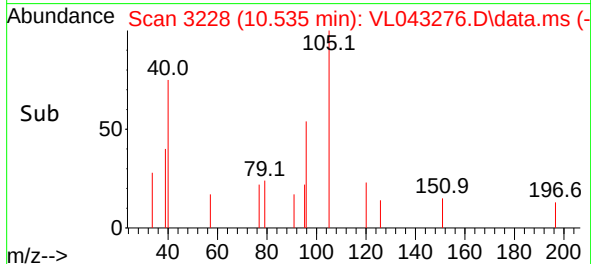
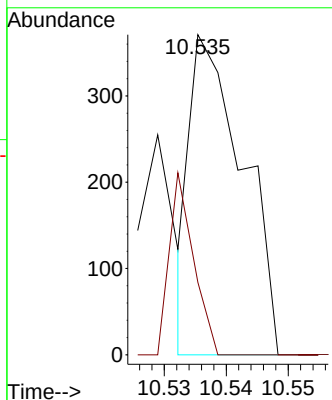
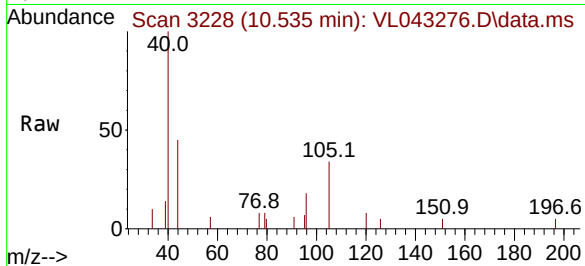




#62  
Isopropylbenzene  
Concen: 0.004 ppbv  
RT: 10.535 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

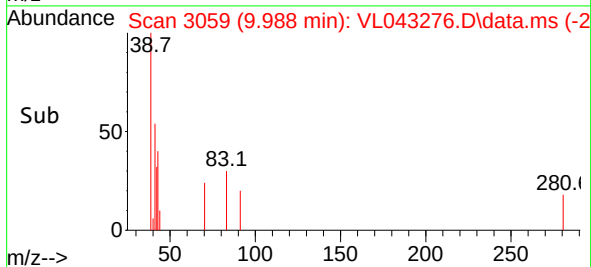
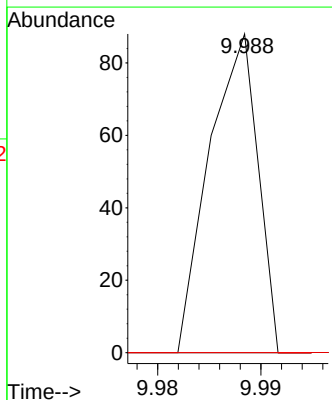
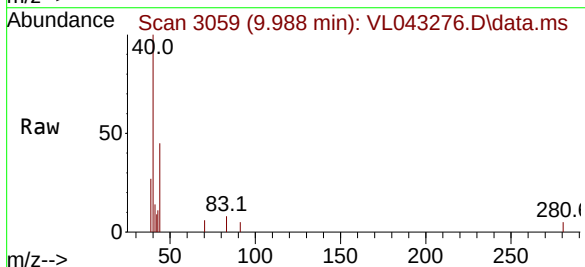
Instrument :  
MSVOA\_L  
ClientSampleId :  
OA1DUP

Tgt Ion:105 Resp: 220  
Ion Ratio Lower Upper  
105 100  
120 25.9 19.8 29.8

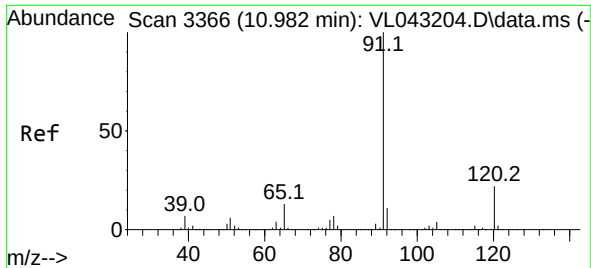


#63  
1,1,2,2-Tetrachloroethane  
Concen: 0.002 ppbv  
RT: 9.988 min Scan# 3059  
Delta R.T. 0.035 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Tgt Ion: 83 Resp: 29  
Ion Ratio Lower Upper  
83 100  
131 0.0 4.8 14.3#  
85 0.0 31.9 95.9#



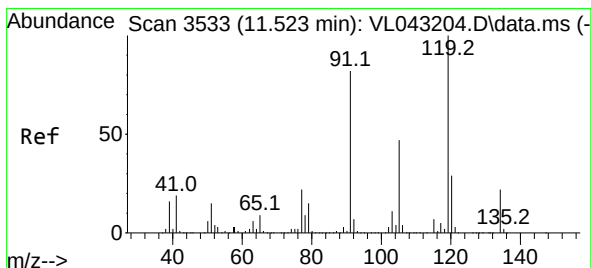
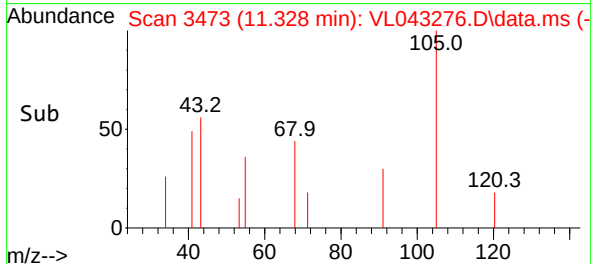
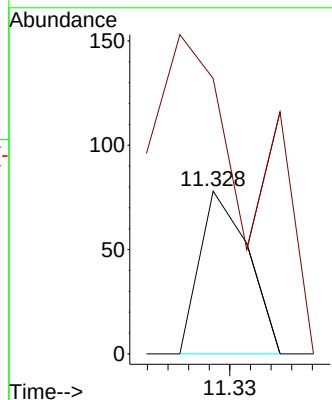
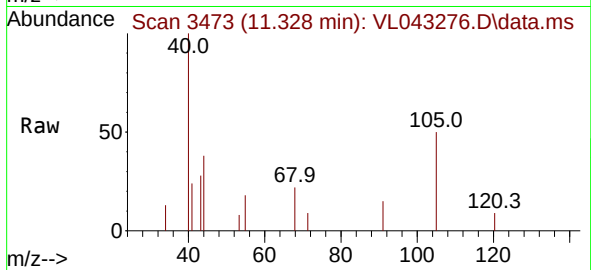




#64  
n-propylbenzene  
Concen: 0.002 ppbv  
RT: 11.328 min Scan# 34  
Delta R.T. 0.346 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

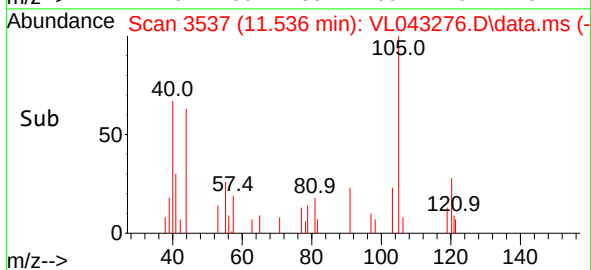
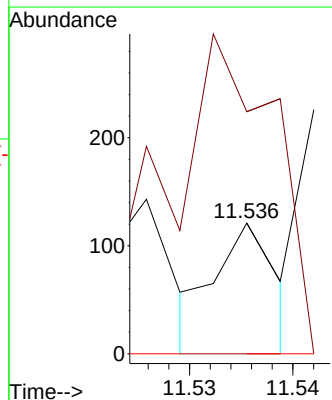
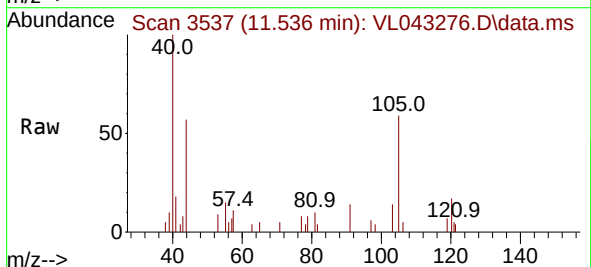
Instrument :  
MSVOA\_L  
ClientSampleId :  
OA1DUP

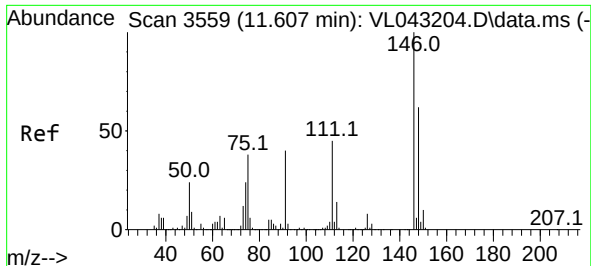
Tgt Ion:120 Resp: 25  
Ion Ratio Lower Upper  
120 100  
91 424.0 377.1 565.7



#65  
tert-Butylbenzene  
Concen: 0.001 ppbv  
RT: 11.536 min Scan# 3537  
Delta R.T. 0.013 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Tgt Ion:119 Resp: 49  
Ion Ratio Lower Upper  
119 100  
91 553.1 65.3 97.9#  
134 0.0 17.0 25.4#

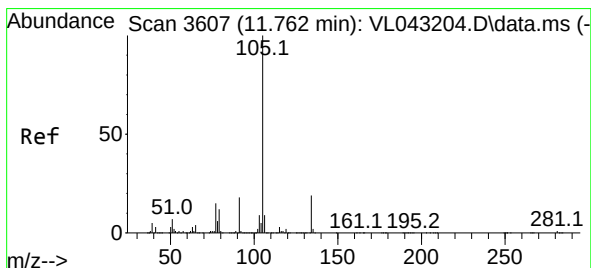
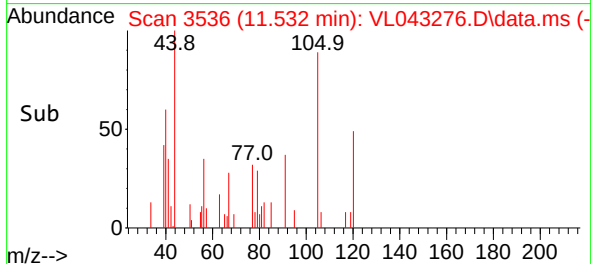
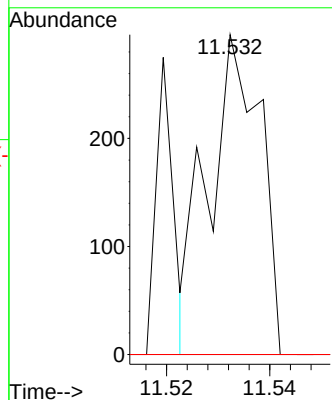
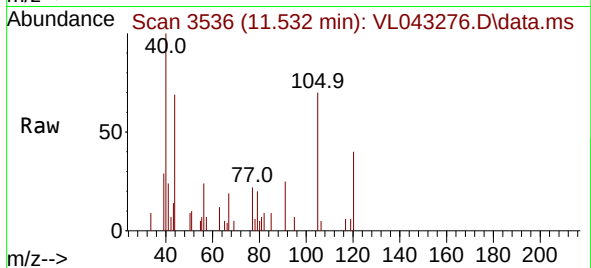




#66  
Benzyl Chloride  
Concen: 0.042 ppbv  
RT: 11.532 min Scan# 311  
Delta R.T. -0.075 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

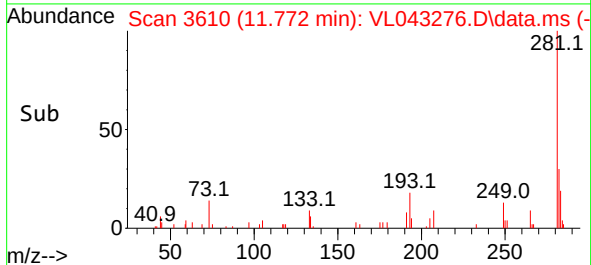
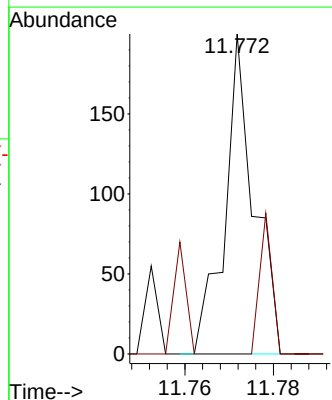
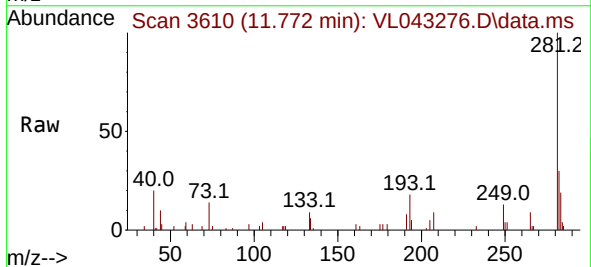
Instrument :  
MSVOA\_1  
ClientSampleId :  
OA1DUP

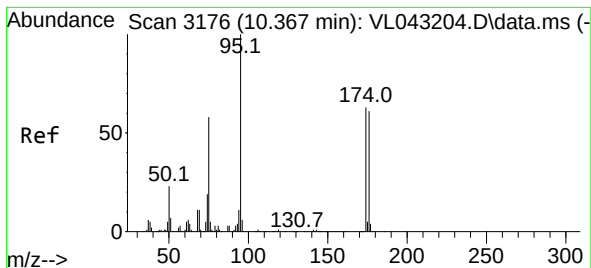
Tgt Ion: 91 Resp: 206  
Ion Ratio Lower Upper  
91 100  
126 0.0 14.4 21.6#  
128 0.0 4.6 6.8#



#67  
sec-Butylbenzene  
Concen: 0.001 ppbv  
RT: 11.772 min Scan# 3610  
Delta R.T. 0.009 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Tgt Ion: 105 Resp: 92  
Ion Ratio Lower Upper  
105 100  
134 33.7 15.0 22.6#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.859 ppbv

RT: 10.374 min Scan# 3176

Delta R.T. 0.006 min

Lab File: VL043276.D

Acq: 21 Nov 2025 08:28

Instrument :

MSVOA\_L

ClientSampleId :

OA1DUP

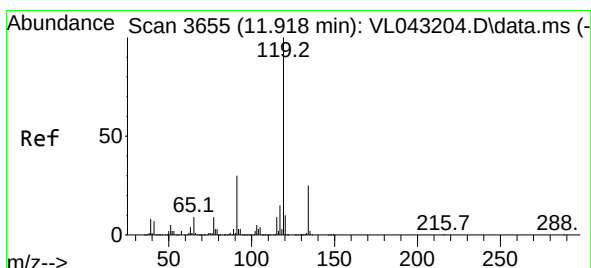
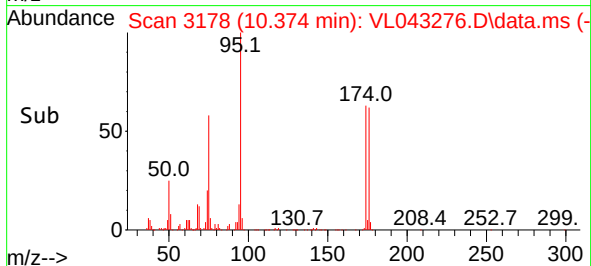
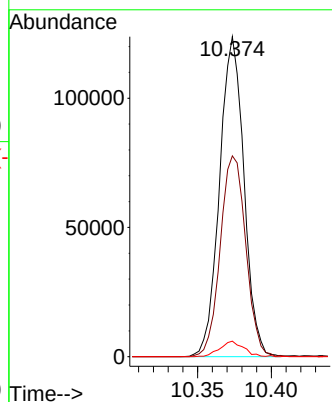
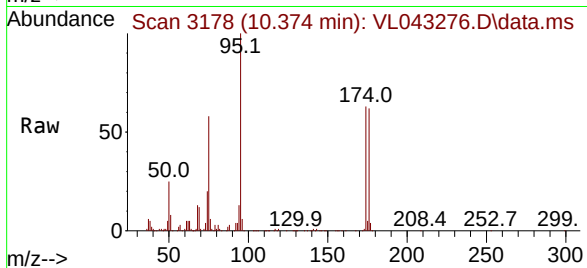
Tgt Ion: 95 Resp: 142344

Ion Ratio Lower Upper

95 100

174 65.8 50.2 75.2

175 4.8 4.1 6.1



#69

p-Isopropyltoluene

Concen: 0.002 ppbv

RT: 11.775 min Scan# 3611

Delta R.T. -0.143 min

Lab File: VL043276.D

Acq: 21 Nov 2025 08:28

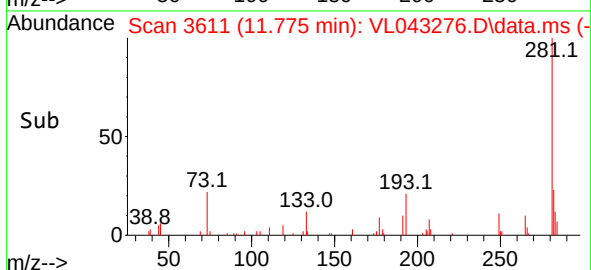
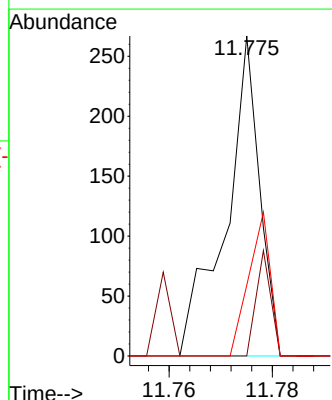
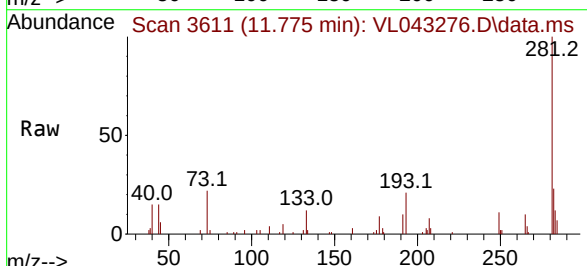
Tgt Ion: 119 Resp: 122

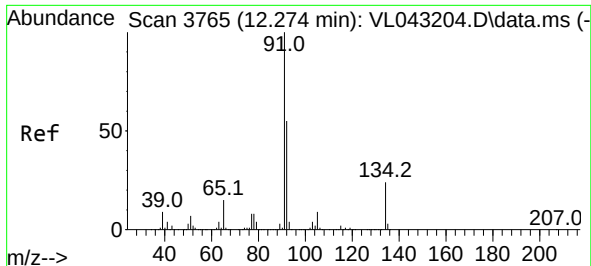
Ion Ratio Lower Upper

119 100

134 25.4 20.2 30.2

91 28.7 23.8 35.8





#70

n-Butylbenzene

Concen: 0.001 ppbv

RT: 12.277 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL043276.D

Acq: 21 Nov 2025 08:28

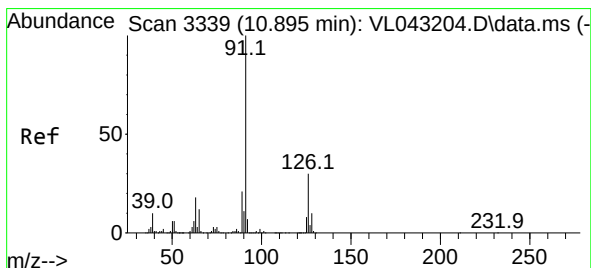
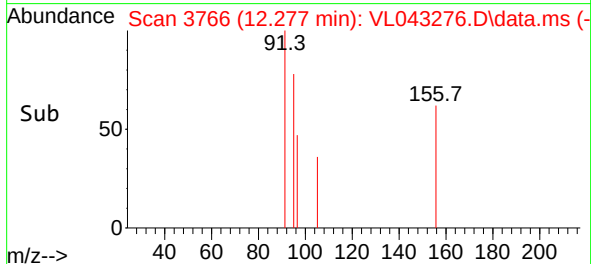
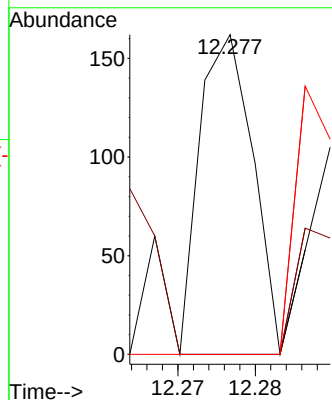
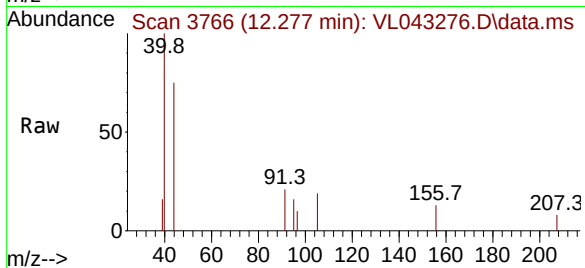
Instrument :

MSVOA\_L

ClientSampleId :

OA1DUP

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 77    |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 0.0   | 43.5  | 65.3# |
| 134      | 0.0   | 19.0  | 28.6# |



#71

2-Chlorotoluene

Concen: 0.001 ppbv

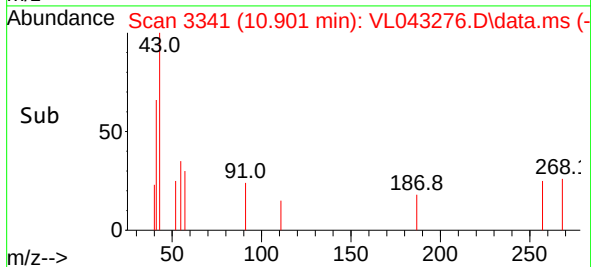
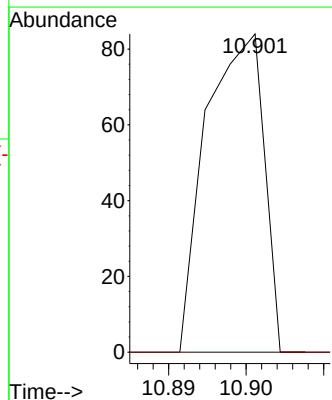
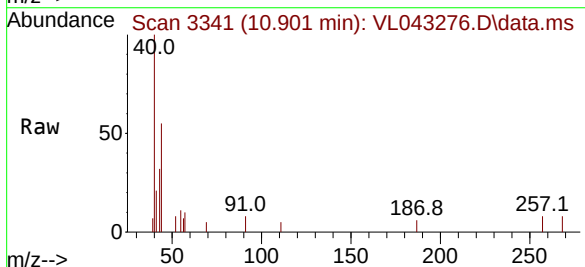
RT: 10.901 min Scan# 3341

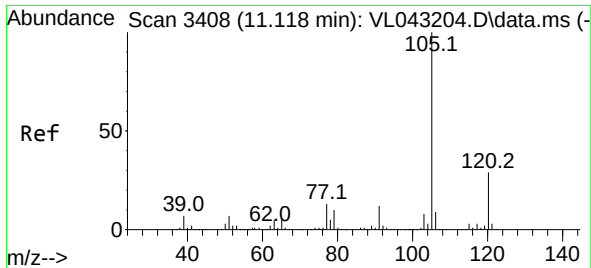
Delta R.T. 0.006 min

Lab File: VL043276.D

Acq: 21 Nov 2025 08:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 43    |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 126      | 0.0   | 11.7  | 46.7# |

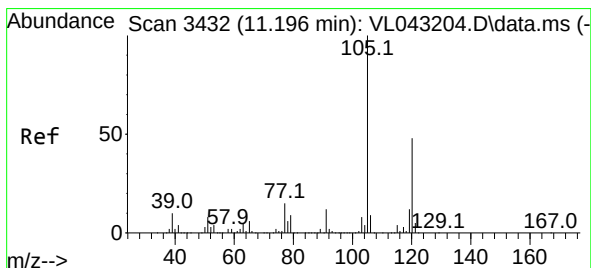
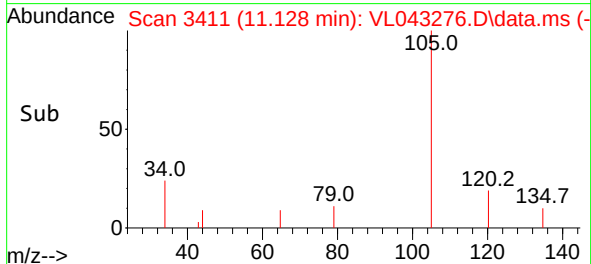
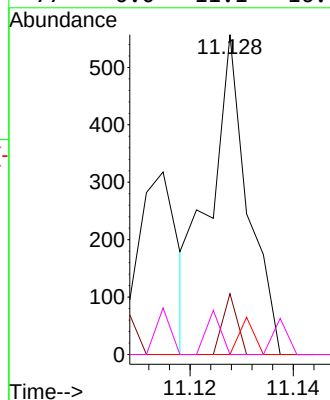
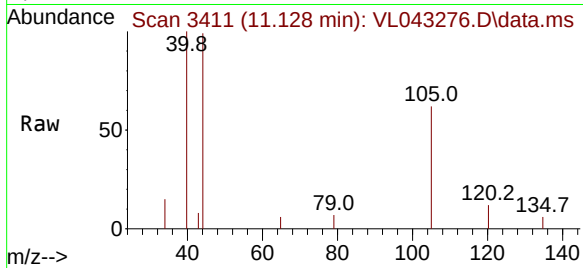




#72  
4-Ethyltoluene  
Concen: 0.008 ppbv  
RT: 11.128 min Scan# 3411  
Delta R.T. 0.009 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

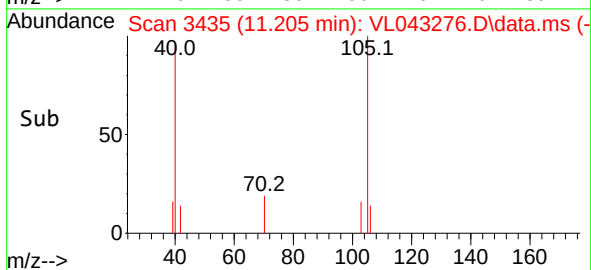
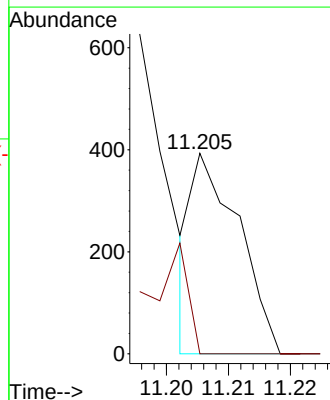
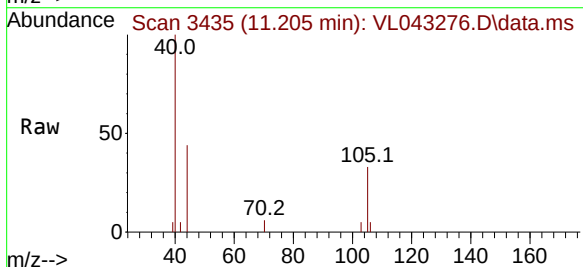
Instrument :  
MSVOA\_L  
ClientSampleId :  
OA1DUP

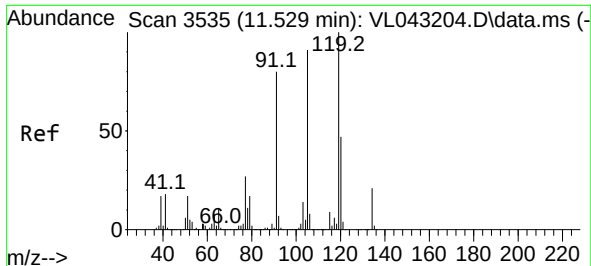
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 284   |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 0.0   | 23.8  | 35.8# |
| 91       | 0.0   | 10.3  | 15.5# |
| 77       | 0.0   | 11.1  | 16.7# |



#73  
1,3,5-Trimethylbenzene  
Concen: 0.007 ppbv  
RT: 11.205 min Scan# 3435  
Delta R.T. 0.009 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 207   |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 0.0   | 38.6  | 57.8# |

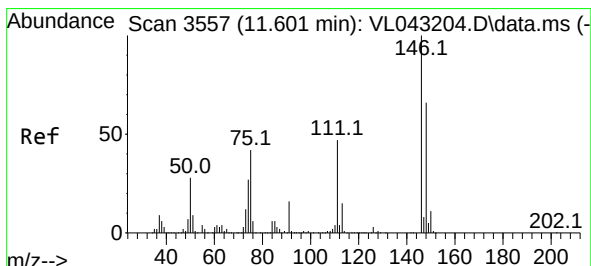
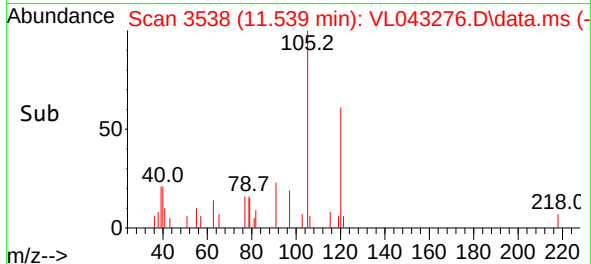
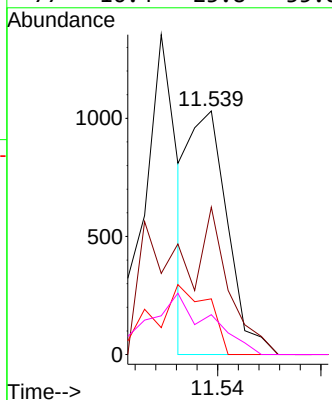
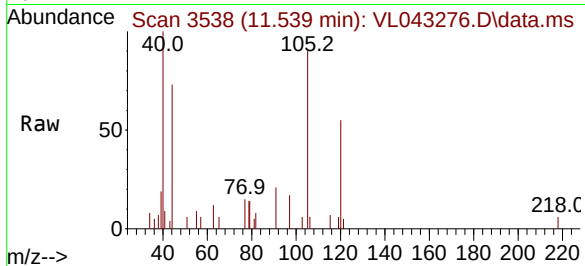




#74  
1,2,4-Trimethylbenzene  
Concen: 0.016 ppbv  
RT: 11.539 min Scan# 3535  
Delta R.T. 0.009 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

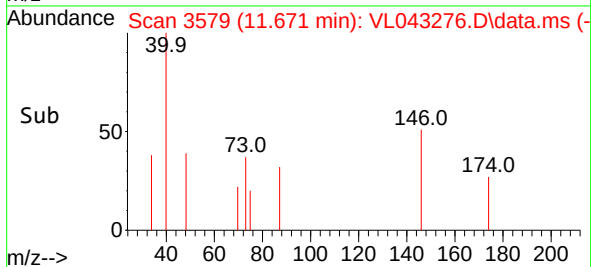
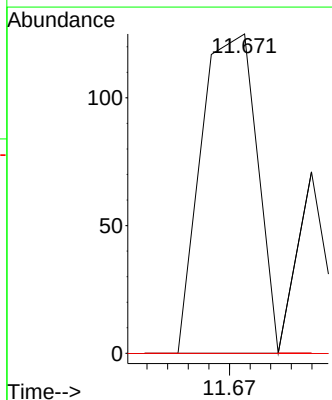
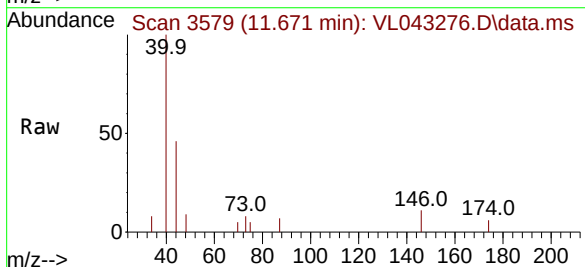
Instrument :  
MSVOA\_L  
ClientSampleId :  
OA1DUP

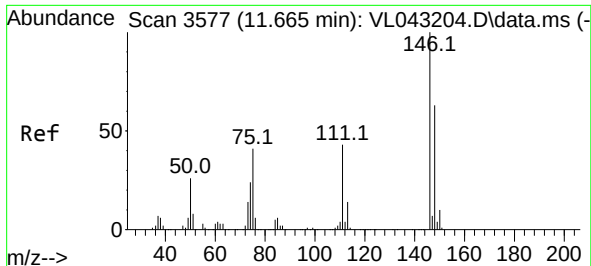
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 527    |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 120      | 60.5  | 41.7  | 62.5   |
| 91       | 22.9  | 70.0  | 105.0# |
| 77       | 16.4  | 23.8  | 35.8#  |



#75  
1,3-Dichlorobenzene  
Concen: 0.002 ppbv  
RT: 11.671 min Scan# 3579  
Delta R.T. 0.071 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 47    |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 0.0   | 23.4  | 70.3# |
| 148      | 0.0   | 31.6  | 95.0# |

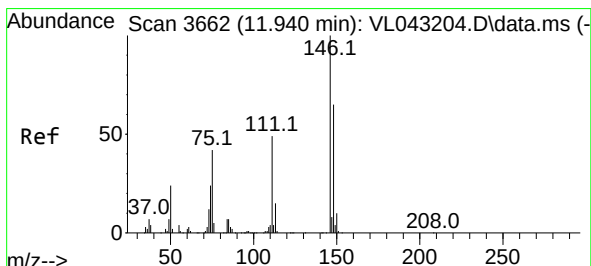
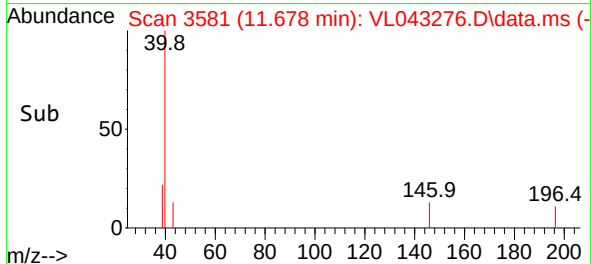
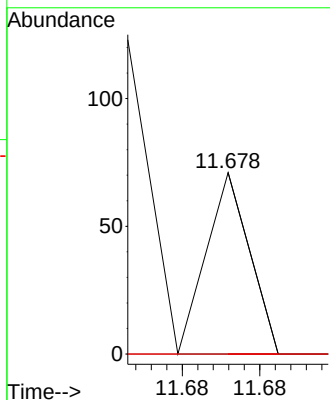
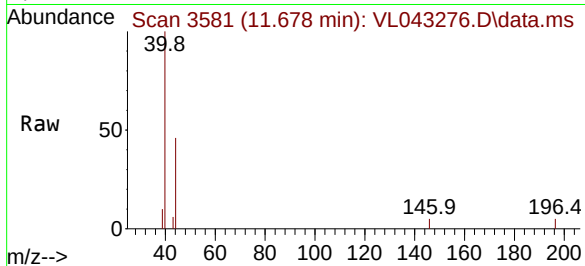




#76  
1,4-Dichlorobenzene  
Concen: 0.001 ppbv  
RT: 11.678 min Scan# 3581  
Delta R.T. 0.013 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

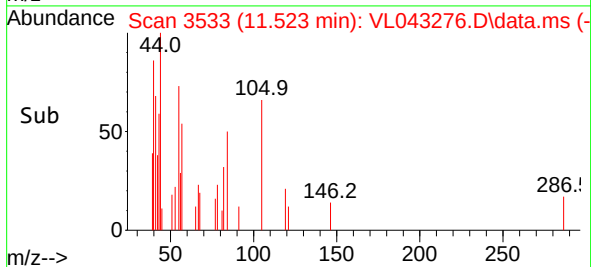
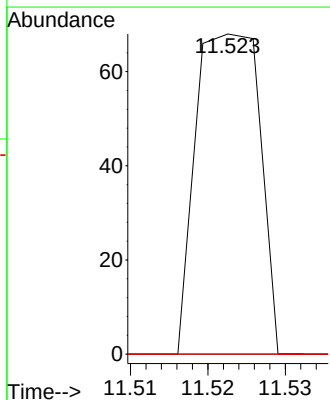
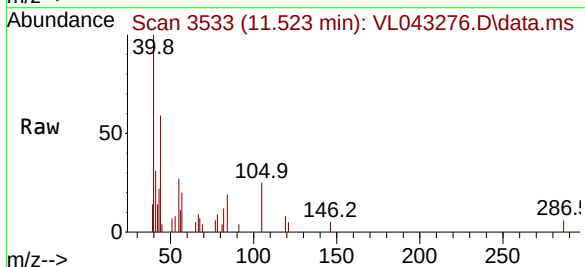
Instrument :  
MSVOA\_L  
ClientSampleId :  
OA1DUP

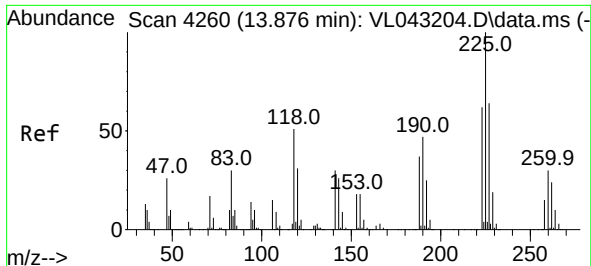
Tgt Ion:146 Resp: 14  
Ion Ratio Lower Upper  
146 100  
111 0.0 22.8 68.3#  
148 0.0 31.8 95.4#



#77  
1,2-Dichlorobenzene  
Concen: 0.002 ppbv  
RT: 11.523 min Scan# 3533  
Delta R.T. -0.418 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Tgt Ion:146 Resp: 39  
Ion Ratio Lower Upper  
146 100  
111 28.2 24.3 73.0  
148 41.0 31.6 94.7

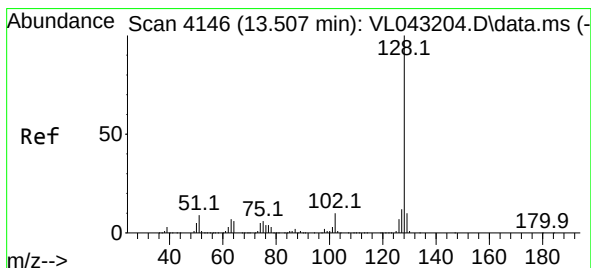
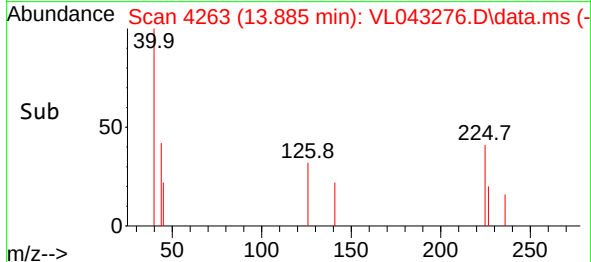
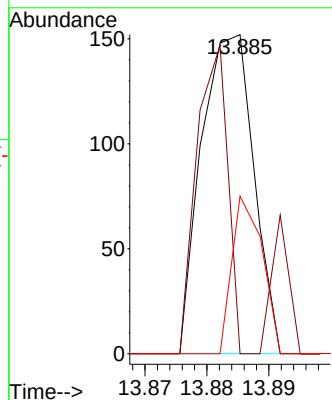
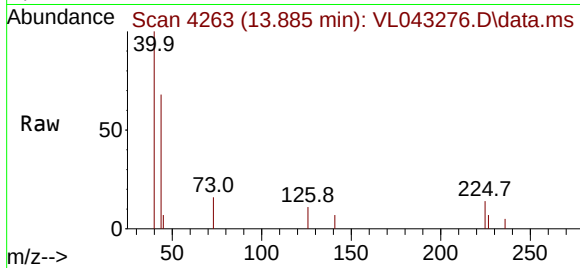




#78  
Hexachloro-1,3-Butadiene  
Concen: 0.006 ppbv  
RT: 13.885 min Scan# 4150  
Delta R.T. 0.009 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Instrument :  
MSVOA\_L  
ClientSampleId :  
OA1DUP

Tgt Ion:225 Resp: 89  
Ion Ratio Lower Upper  
225 100  
223 71.9 50.2 75.4  
227 28.1 51.1 76.7#



#79  
Naphthalene  
Concen: 0.012 ppbv  
RT: 13.520 min Scan# 4150  
Delta R.T. 0.013 min  
Lab File: VL043276.D  
Acq: 21 Nov 2025 08:28

Tgt Ion:128 Resp: 360  
Ion Ratio Lower Upper  
128 100  
127 0.0 9.9 14.9#  
129 0.0 8.4 12.6#

