

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL042825\  
 Data File : VL042431.D  
 Acq On : 28 Apr 2025 18:00  
 Operator : SY/MD  
 Sample : Q1880-01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 EBR-P11-SC-SS01-20250421

Quant Time: Apr 29 01:41:01 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL041725AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Fri Apr 18 02:14:00 2025  
 Response via : Initial Calibration

| Compound                | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|-------|------|----------|--------|-------|----------|
| -----                   |       |      |          |        |       |          |
| Internal Standards      |       |      |          |        |       |          |
| 1) Bromochloromethane   | 2.787 | 49   | 121052   | 10.000 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 3.956 | 114  | 332477   | 10.000 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 8.878 | 117  | 283703   | 10.000 | ppbv  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.374 | 95    | 254492   | 10.916   | ppbv | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 109.200% |

| Target Compounds              |        |     |         |         |        | Qvalue |
|-------------------------------|--------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.496  | 85  | 25608   | 1.197   | ppbv   | 97     |
| 3) Chlorodifluoromethane      | 1.431  | 51  | 214569  | 10.536  | ppbv # | 58     |
| 4) Chloromethane              | 1.525  | 50  | 13815   | 1.632   | ppbv # | 46     |
| 5) Vinyl Chloride             | 1.577  | 62  | 454     | 0.049   | ppbv # | 56     |
| 6) Bromomethane               | 1.664  | 94  | 233     | 0.059   | ppbv   | 99     |
| 7) Chloroethane               | 1.525  | 64  | 55054   | 16.523  | ppbv   | 95     |
| 8) Dichlorotetrafluoroethane  | 1.525  | 85  | 78146   | 4.256   | ppbv # | 18     |
| 9) Propene                    | 1.486  | 41  | 30866   | 3.328   | ppbv # | 75     |
| 10) Heptane                   | 4.975  | 43  | 1636    | 0.063   | ppbv # | 1      |
| 11) Trichlorofluoromethane    | 1.874  | 101 | 28003   | 1.377   | ppbv   | 93     |
| 12) 1,1,2-Trichlorotrifluo... | 2.140  | 101 | 1706    | 0.103   | ppbv   | 98     |
| 13) Ethanol                   | 1.719  | 45  | 111200  | 75.431  | ppbv   | 75     |
| 15) Acetone                   | 1.832  | 43  | 2162315 | 109.117 | ppbv # | 74     |
| 16) 1,3-Butadiene             | 1.599  | 39  | 29586   | 3.122   | ppbv # | 18     |
| 17) tert-Butyl alcohol        | 2.043  | 59  | 36864   | 1.501   | ppbv # | 89     |
| 19) Isopropyl Alcohol         | 1.887  | 45  | 55931   | 5.081   | ppbv # | 33     |
| 20) Methylene Chloride        | 2.059  | 84  | 3153    | 0.406   | ppbv # | 75     |
| 21) Allyl Chloride            | 2.039  | 41  | 9926    | 0.725   | ppbv # | 21     |
| 23) Vinyl Acetate             | 2.450  | 43  | 9528    | 1.188   | ppbv # | 37     |
| 24) 1,1-Dichloroethane        | 2.412  | 63  | 1987    | 0.118   | ppbv # | 88     |
| 25) Ethyl Acetate             | 2.823  | 43  | 9993    | 0.205   | ppbv # | 82     |
| 26) Hexane                    | 2.826  | 57  | 13247   | 0.670   | ppbv # | 38     |
| 27) Carbon Disulfide          | 2.149  | 76  | 100277  | 4.737   | ppbv   | 96     |
| 28) Methyl tert-Butyl Ether   | 2.434  | 73  | 486     | 0.038   | ppbv # | 48     |
| 29) Chloroform                | 2.849  | 83  | 12986   | 0.465   | ppbv   | 97     |
| 30) Cyclohexane               | 3.852  | 84  | 561     | 0.035   | ppbv # | 1      |
| 31) cis-1,2-Dichloroethene    | 2.855  | 61  | 672     | 0.036   | ppbv # | 25     |
| 34) 2-Butanone                | 2.554  | 43  | 292727  | 11.133  | ppbv   | 100    |
| 35) Carbon Tetrachloride      | 3.755  | 117 | 1037    | 0.034   | ppbv # | 51     |
| 36) Benzene                   | 3.655  | 78  | 16576   | 0.462   | ppbv # | 91     |
| 38) Trichloroethene           | 4.548  | 130 | 5912    | 0.377   | ppbv # | 90     |
| 39) 1,2-Dichloropropane       | 3.959  | 63  | 37260   | 2.788   | ppbv # | 24     |
| 41) Tetrahydrofuran           | 3.056  | 42  | 49472   | 3.227   | ppbv # | 50     |
| 50) 4-Methyl-2-Pentanone      | 5.755  | 43  | 3910    | 0.089   | ppbv # | 39     |
| 51) 2-Hexanone                | 7.445  | 43  | 6910    | 0.176   | ppbv # | 82     |
| 52) Tetrachloroethene         | 8.225  | 164 | 5442    | 0.393   | ppbv # | 83     |
| 53) Toluene                   | 6.930  | 91  | 38616   | 0.897   | ppbv   | 97     |
| 58) Ethyl Benzene             | 9.351  | 91  | 3620    | 0.064   | ppbv   | 90     |
| 59) m/p-Xylene                | 9.555  | 91  | 1922    | 0.042   | ppbv # | 32     |
| 60) o-Xylene                  | 9.963  | 91  | 6441    | 0.141   | ppbv   | 97     |
| 61) Styrene                   | 9.869  | 104 | 793     | 0.036   | ppbv # | 60     |
| 73) 1,3,5-Trimethylbenzene    | 11.206 | 105 | 1859    | 0.038   | ppbv   | 94     |
| 74) 1,2,4-Trimethylbenzene    | 11.532 | 105 | 5983    | 0.104   | ppbv # | 60     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL042825\  
Data File : VL042431.D  
Acq On : 28 Apr 2025 18:00  
Operator : SY/MD  
Sample : Q1880-01  
Misc : 400mL/MSVOA\_L  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
EBR-P11-SC-SS01-20250421

Quant Time: Apr 29 01:41:01 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL041725AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
QLast Update : Fri Apr 18 02:14:00 2025  
Response via : Initial Calibration

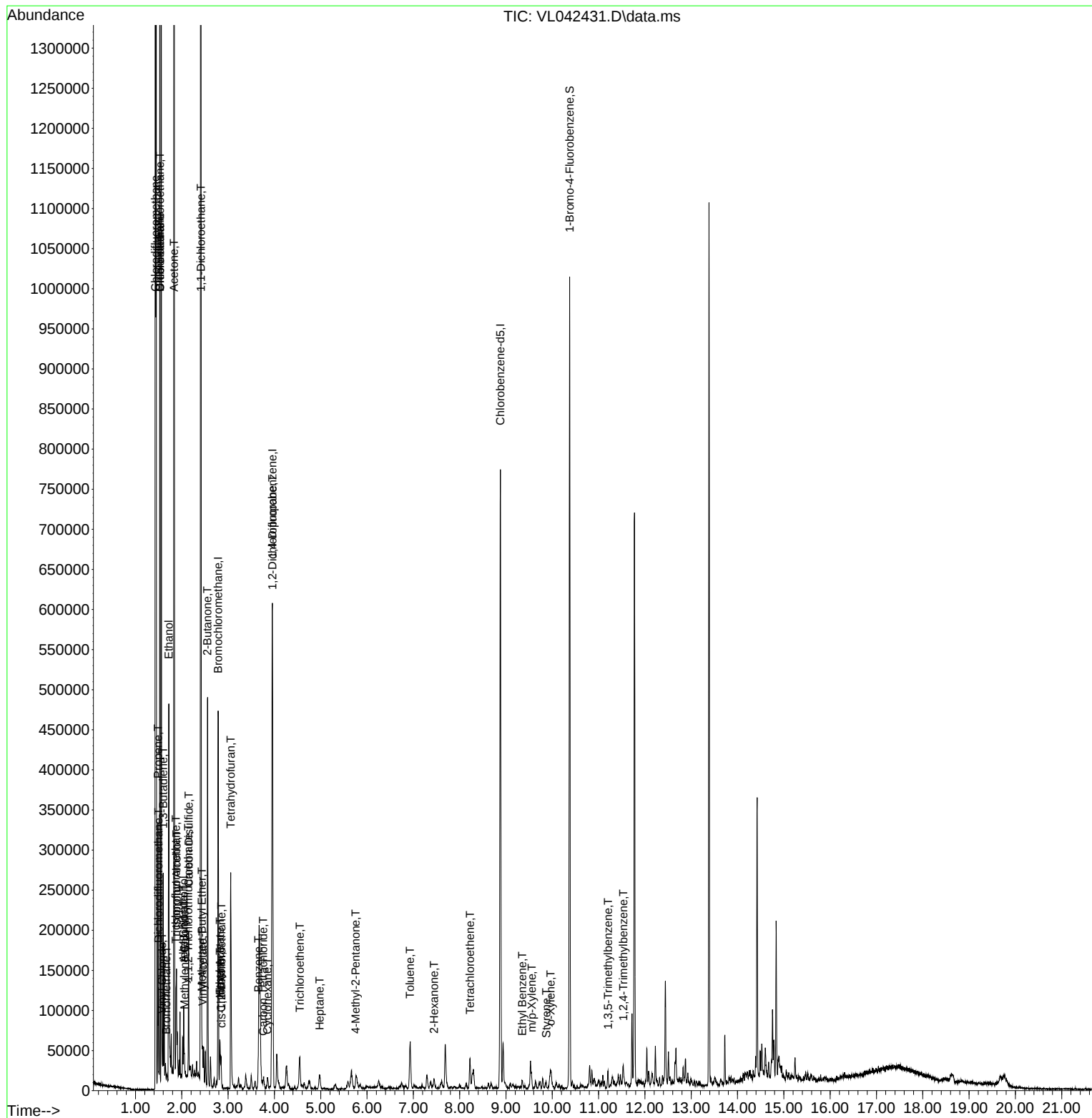
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
| -----    |      |      |          |      |       |          |
| -----    |      |      |          |      |       |          |

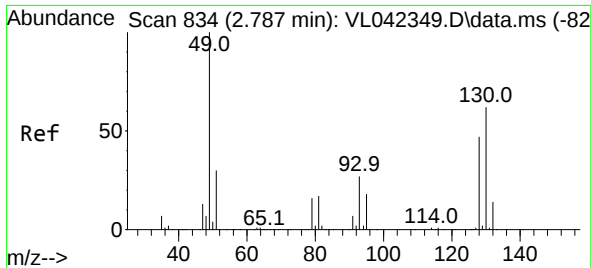
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL042825\  
Data File : VL042431.D  
Acq On : 28 Apr 2025 18:00  
Operator : SY/MD  
Sample : Q1880-01  
Misc : 400mL/MSVOA\_L  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
EBR-P11-SC-SS01-20250421

Quant Time: Apr 29 01:41:01 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL041725AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
QLast Update : Fri Apr 18 02:14:00 2025  
Response via : Initial Calibration

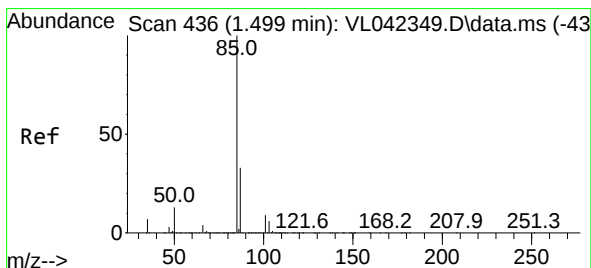
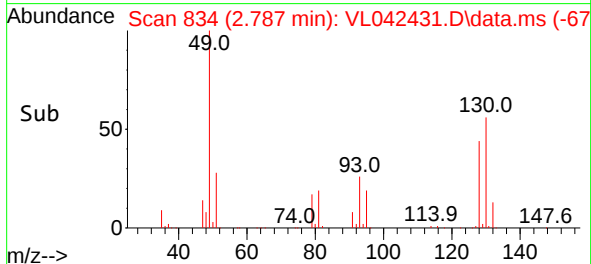
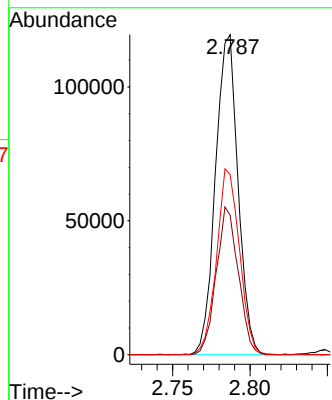
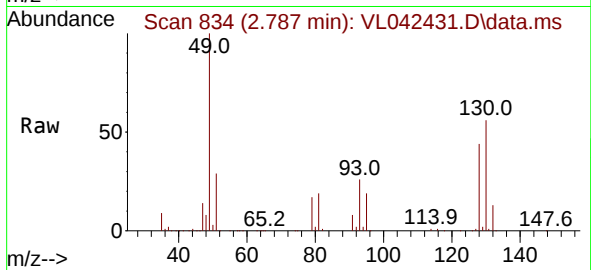




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 2.787 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

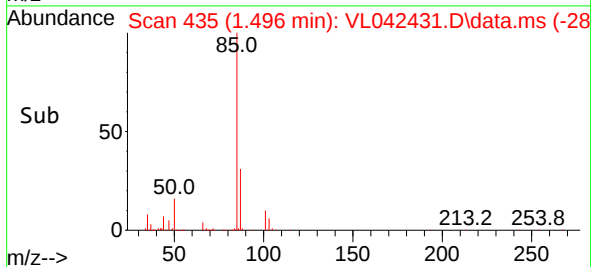
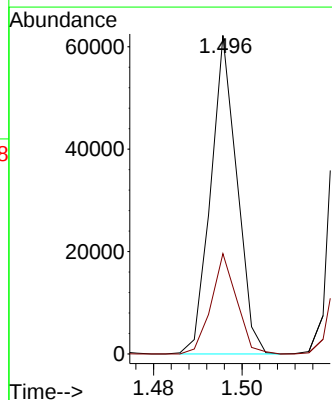
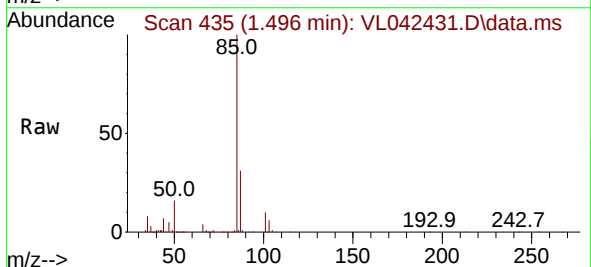
Instrument :  
MSVOA\_L  
ClientSampleId :  
EBR-P11-SC-SS01-20250421

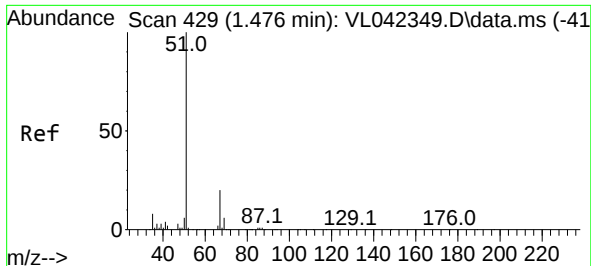
Tgt Ion: 49 Resp: 121052  
Ion Ratio Lower Upper  
49 100  
128 45.1 22.8 68.4  
130 58.9 29.3 88.0



#2  
Dichlorodifluoromethane  
Concen: 1.197 ppbv  
RT: 1.496 min Scan# 435  
Delta R.T. -0.003 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

Tgt Ion: 85 Resp: 25608  
Ion Ratio Lower Upper  
85 100  
87 31.5 26.6 39.8

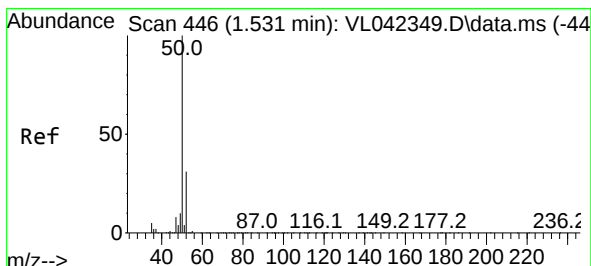
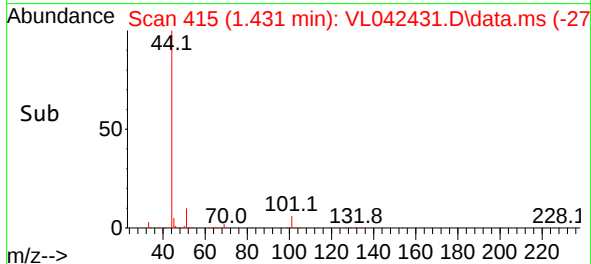
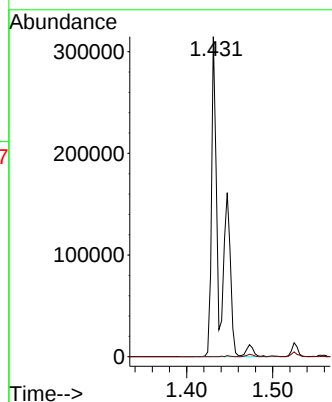
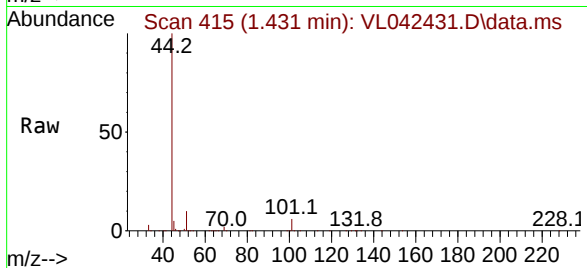




#3  
Chlorodifluoromethane  
Concen: 10.536 ppbv  
RT: 1.431 min Scan# 415  
Delta R.T. -0.045 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

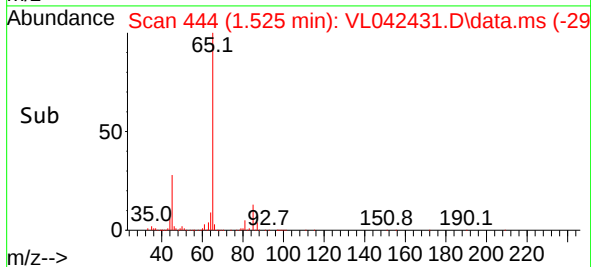
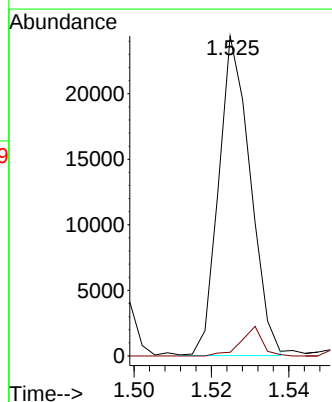
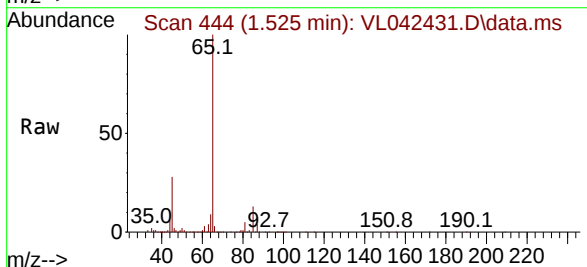
Instrument :  
MSVOA\_L  
ClientSampleId :  
EBR-P11-SC-SS01-20250421

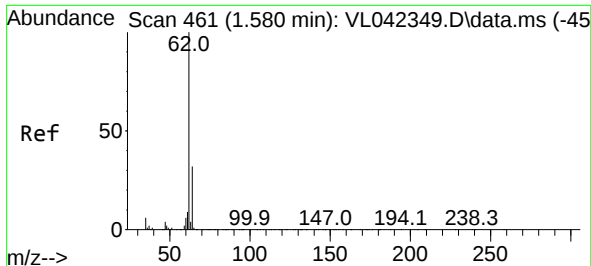
Tgt Ion: 51 Resp: 214569  
Ion Ratio Lower Upper  
51 100  
67 0.8 16.2 24.4#



#4  
Chloromethane  
Concen: 1.632 ppbv  
RT: 1.525 min Scan# 444  
Delta R.T. -0.006 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

Tgt Ion: 50 Resp: 13815  
Ion Ratio Lower Upper  
50 100  
52 1.2 24.7 37.1#

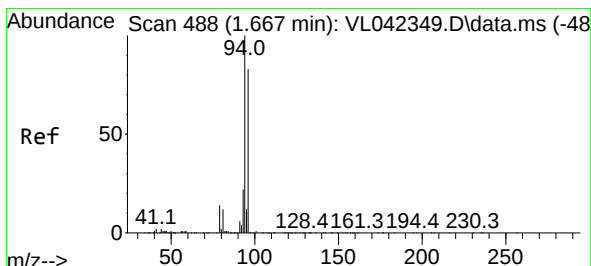
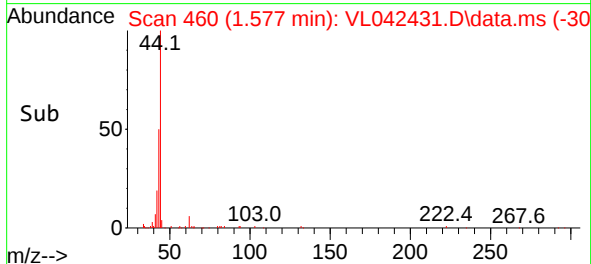
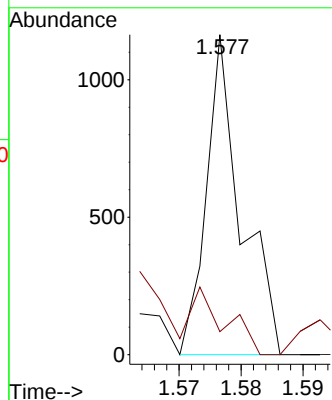
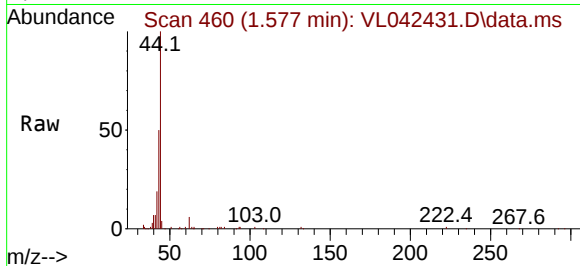




#5  
 Vinyl Chloride  
 Concen: 0.049 ppbv  
 RT: 1.577 min Scan# 460  
 Delta R.T. -0.003 min  
 Lab File: VL042431.D  
 Acq: 28 Apr 2025 18:00

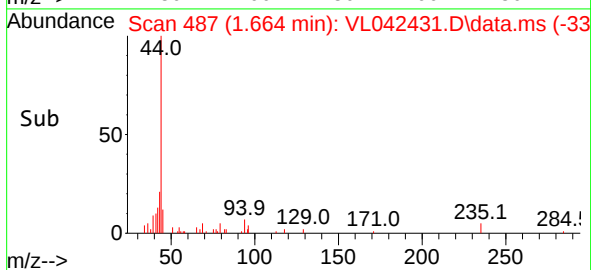
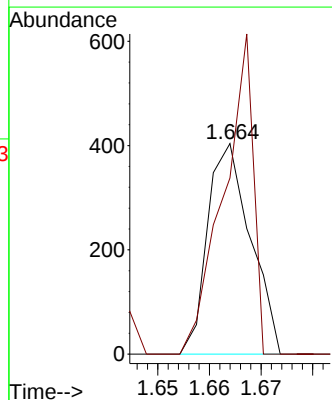
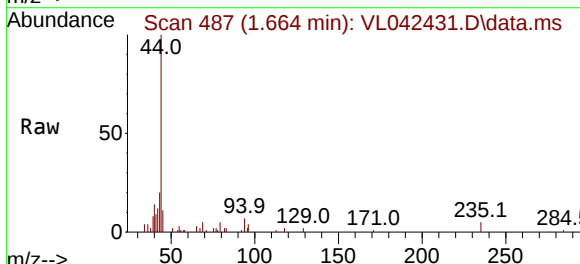
Instrument : MSVOA\_1  
 ClientSampleId : EBR-P11-SC-SS01-20250421

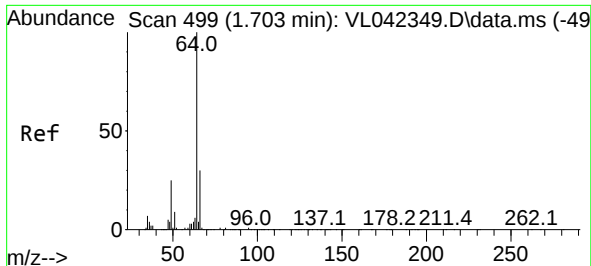
Tgt Ion: 62 Resp: 454  
 Ion Ratio Lower Upper  
 62 100  
 64 7.2 25.4 38.0#



#6  
 Bromomethane  
 Concen: 0.059 ppbv  
 RT: 1.664 min Scan# 487  
 Delta R.T. -0.003 min  
 Lab File: VL042431.D  
 Acq: 28 Apr 2025 18:00

Tgt Ion: 94 Resp: 233  
 Ion Ratio Lower Upper  
 94 100  
 96 83.7 66.2 99.2

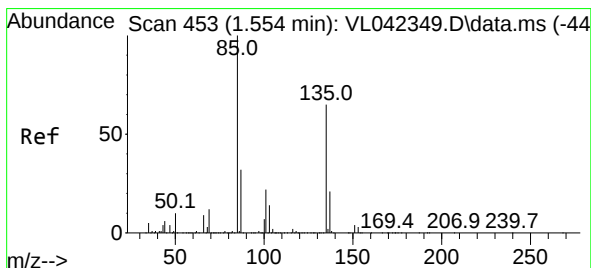
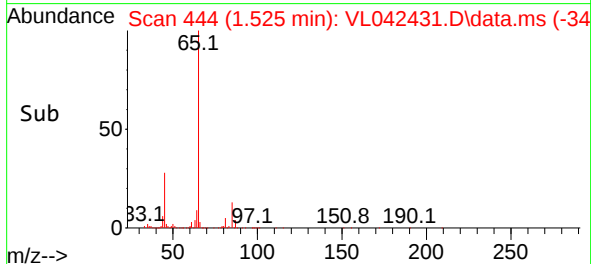
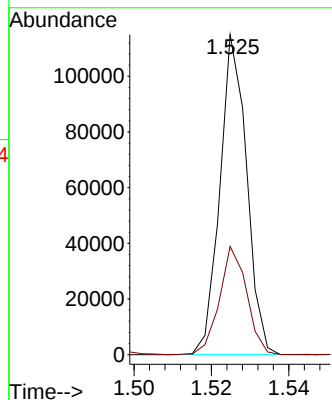
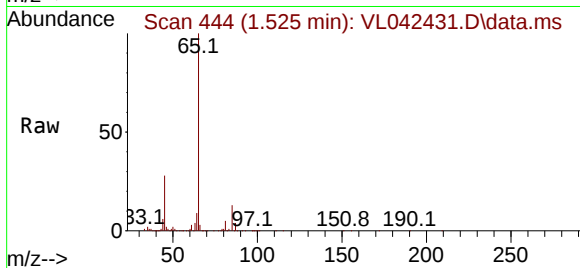




#7  
Chloroethane  
Concen: 16.523 ppbv  
RT: 1.525 min Scan# 444  
Delta R.T. -0.178 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

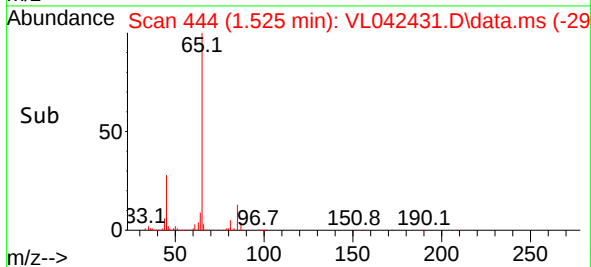
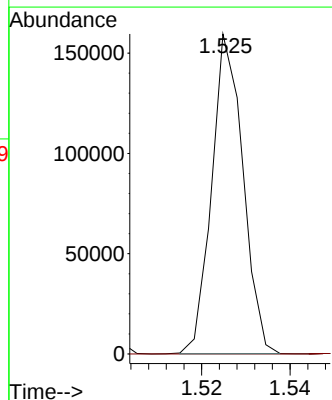
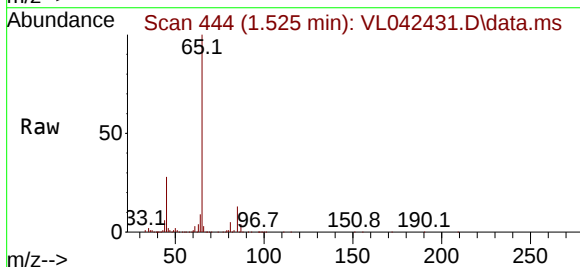
Instrument :  
MSVOA\_L  
ClientSampleId :  
EBR-P11-SC-SS01-20250421

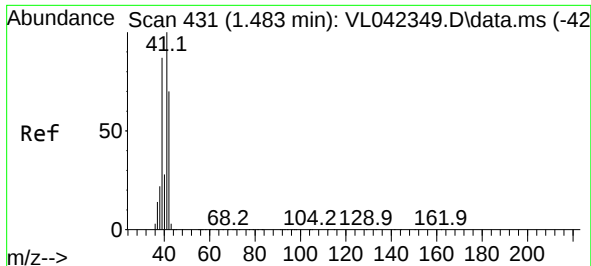
Tgt Ion: 64 Resp: 55054  
Ion Ratio Lower Upper  
64 100  
66 33.8 24.6 37.0



#8  
Dichlorotetrafluoroethane  
Concen: 4.256 ppbv  
RT: 1.525 min Scan# 444  
Delta R.T. -0.029 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

Tgt Ion: 85 Resp: 78146  
Ion Ratio Lower Upper  
85 100  
135 0.4 52.2 78.2#





#9

Propene

Concen: 3.328 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042431.D

Acq: 28 Apr 2025 18:00

Instrument :

MSVOA\_L

ClientSampleId :

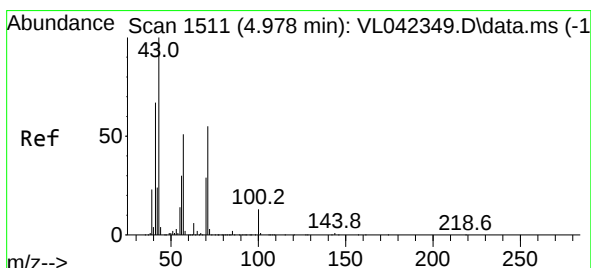
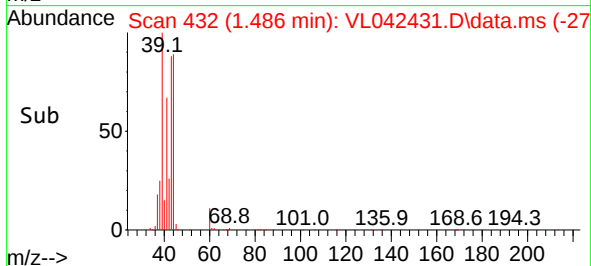
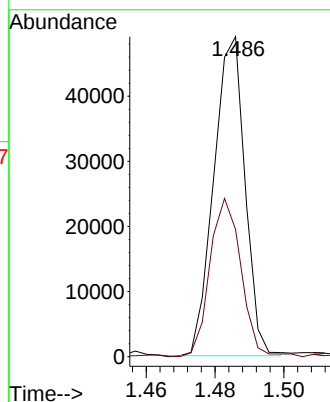
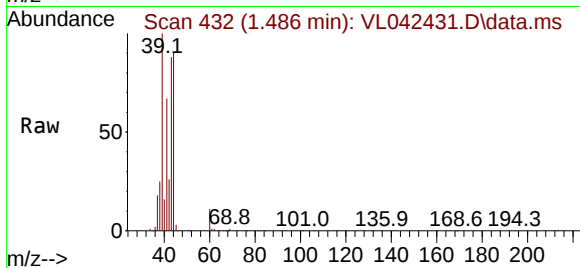
EBR-P11-SC-SS01-20250421

Tgt Ion: 41 Resp: 30866

Ion Ratio Lower Upper

41 100

42 49.8 56.2 84.4#



#10

Heptane

Concen: 0.063 ppbv

RT: 4.975 min Scan# 1510

Delta R.T. -0.003 min

Lab File: VL042431.D

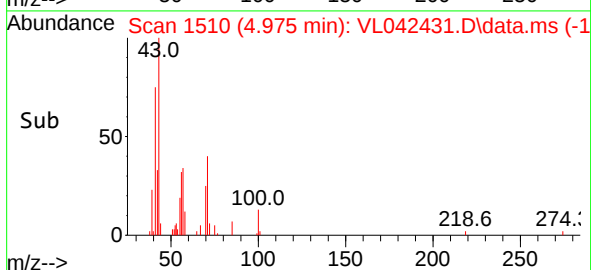
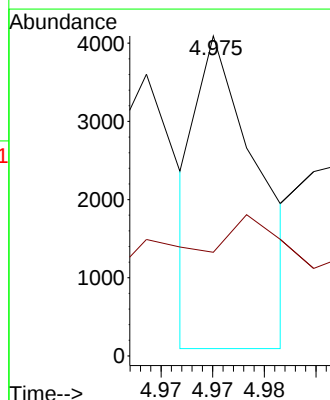
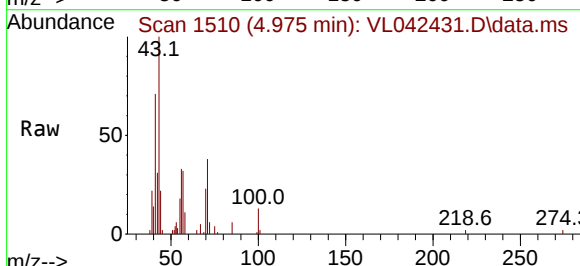
Acq: 28 Apr 2025 18:00

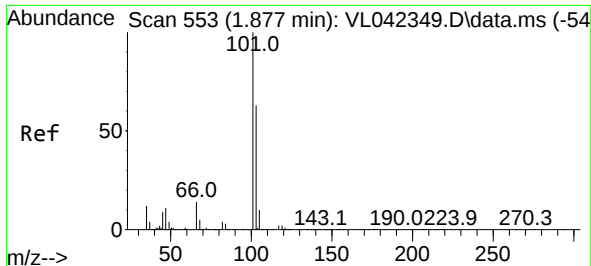
Tgt Ion: 43 Resp: 1636

Ion Ratio Lower Upper

43 100

57 219.3 39.9 59.9#

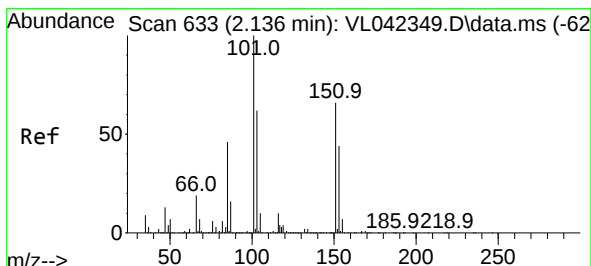
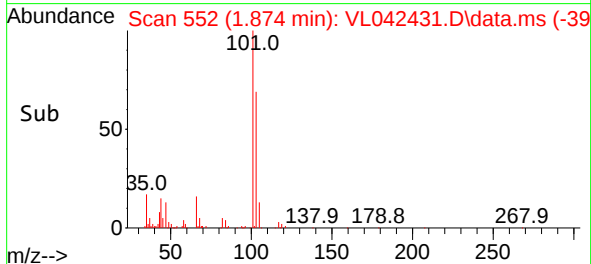
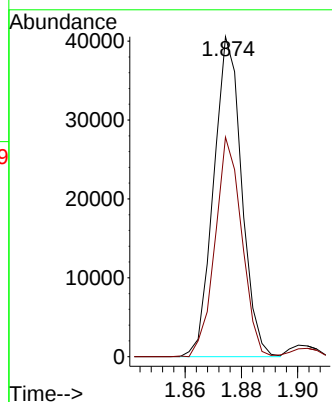
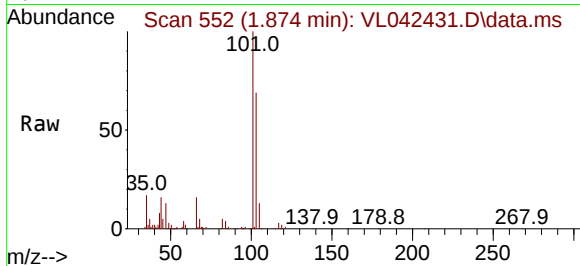




#11  
 Trichlorofluoromethane  
 Concen: 1.377 ppbv  
 RT: 1.874 min Scan# 511  
 Delta R.T. -0.003 min  
 Lab File: VL042431.D  
 Acq: 28 Apr 2025 18:00

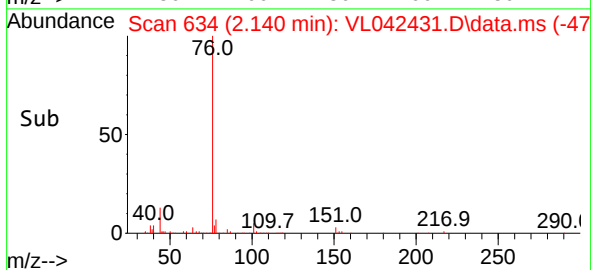
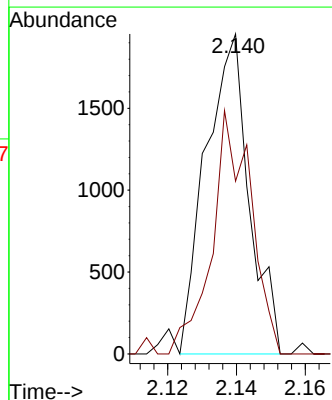
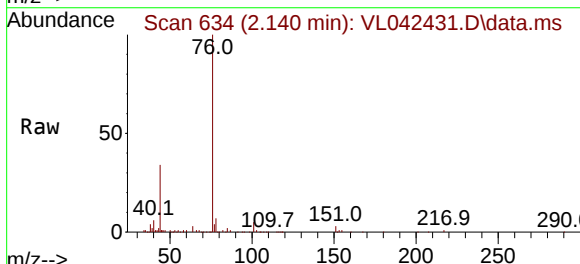
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 EBR-P11-SC-SS01-20250421

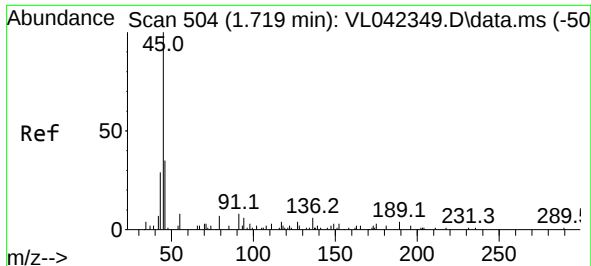
Tgt Ion:101 Resp: 28003  
 Ion Ratio Lower Upper  
 101 100  
 103 68.4 50.1 75.1



#12  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 0.103 ppbv  
 RT: 2.140 min Scan# 634  
 Delta R.T. 0.003 min  
 Lab File: VL042431.D  
 Acq: 28 Apr 2025 18:00

Tgt Ion:101 Resp: 1706  
 Ion Ratio Lower Upper  
 101 100  
 151 69.3 57.0 85.6

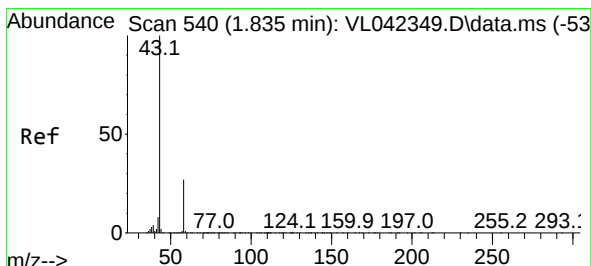
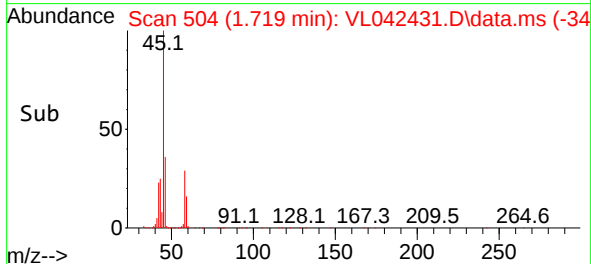
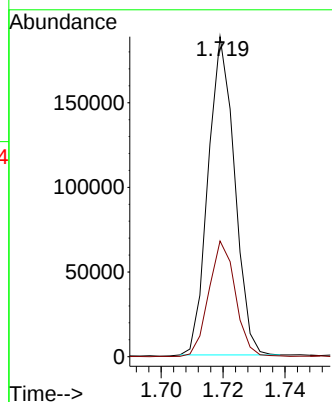
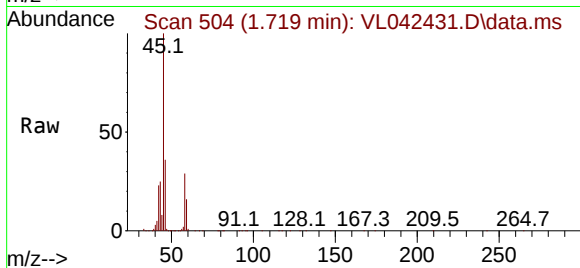




#13  
 Ethanol  
 Concen: 75.431 ppbv  
 RT: 1.719 min Scan# 504  
 Delta R.T. 0.000 min  
 Lab File: VL042431.D  
 Acq: 28 Apr 2025 18:00

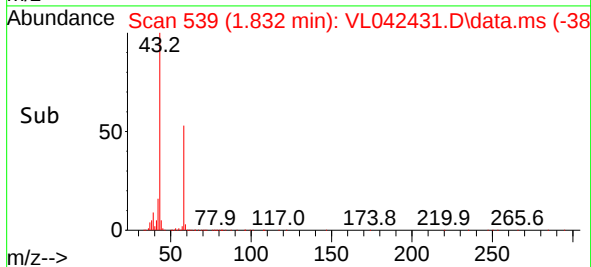
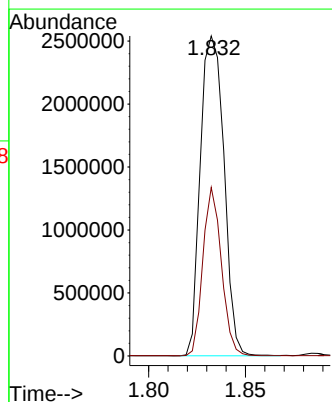
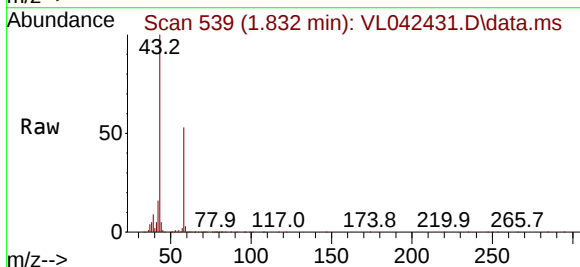
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 EBR-P11-SC-SS01-20250421

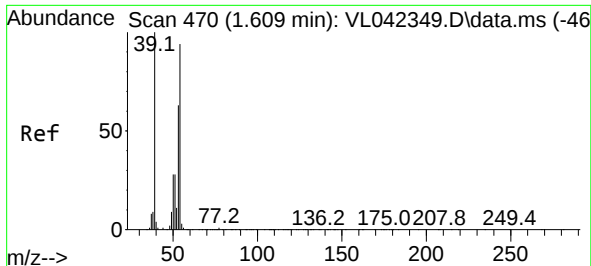
Tgt Ion: 45 Resp: 111200  
 Ion Ratio Lower Upper  
 45 100  
 46 37.0 21.9 87.7



#15  
 Acetone  
 Concen: 109.117 ppbv  
 RT: 1.832 min Scan# 539  
 Delta R.T. -0.003 min  
 Lab File: VL042431.D  
 Acq: 28 Apr 2025 18:00

Tgt Ion: 43 Resp: 2162315  
 Ion Ratio Lower Upper  
 43 100  
 58 41.7 22.4 33.6#

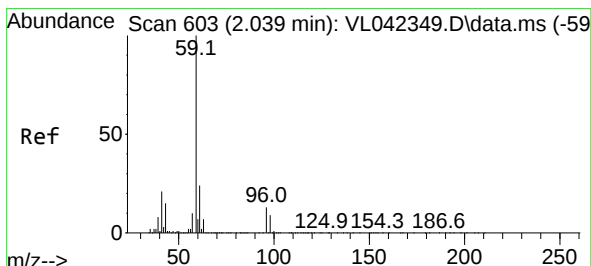
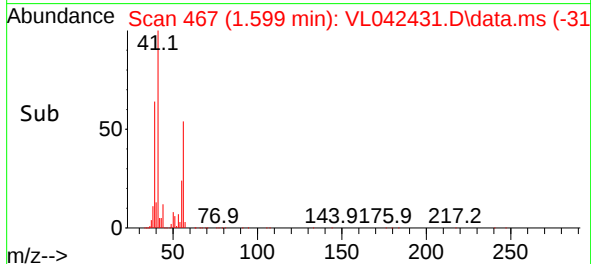
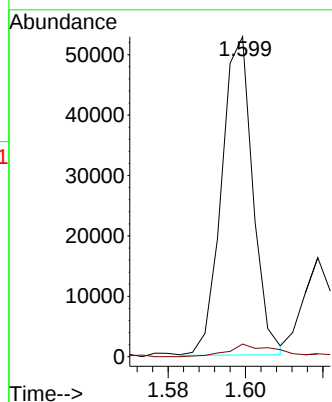
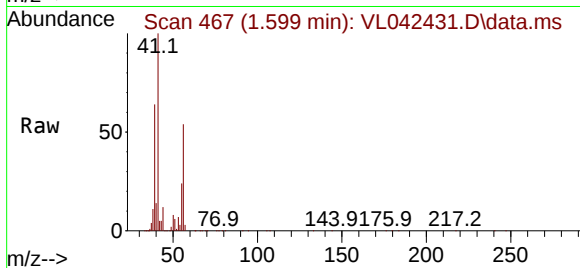




#16  
1,3-Butadiene  
Concen: 3.122 ppbv  
RT: 1.599 min Scan# 41  
Delta R.T. -0.010 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

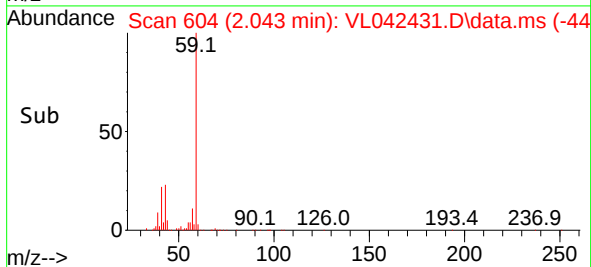
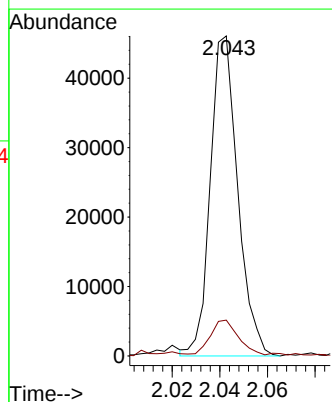
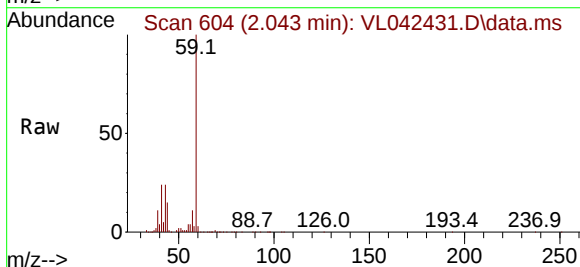
Instrument :  
MSVOA\_L  
ClientSampleId :  
EBR-P11-SC-SS01-20250421

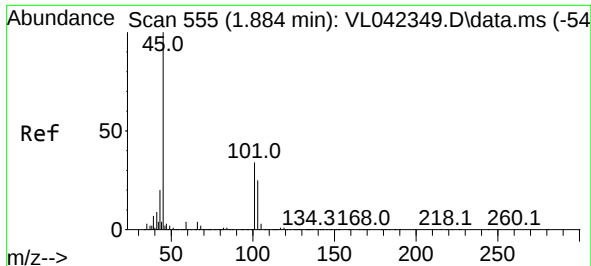
Tgt Ion: 39 Resp: 29586  
Ion Ratio Lower Upper  
39 100  
54 7.8 64.9 97.3#



#17  
tert-Butyl alcohol  
Concen: 1.501 ppbv  
RT: 2.043 min Scan# 604  
Delta R.T. 0.003 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

Tgt Ion: 59 Resp: 36864  
Ion Ratio Lower Upper  
59 100  
57 15.1 8.7 13.1#

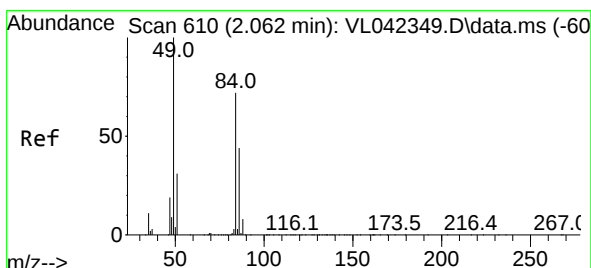
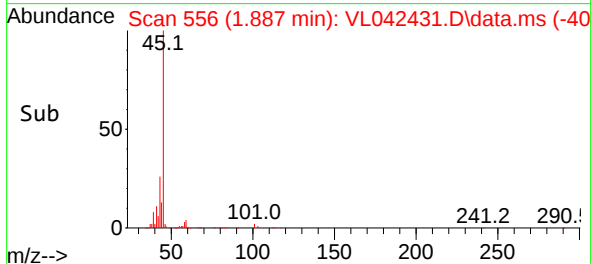
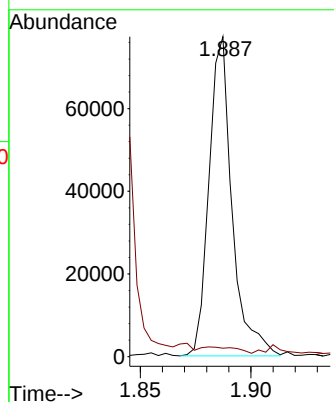
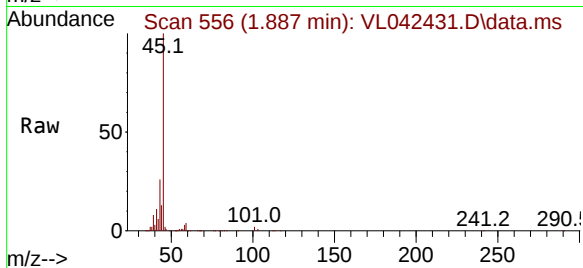




#19  
Isopropyl Alcohol  
Concen: 5.081 ppbv  
RT: 1.887 min Scan# 51  
Delta R.T. 0.003 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

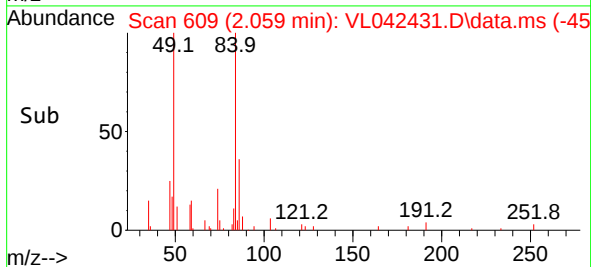
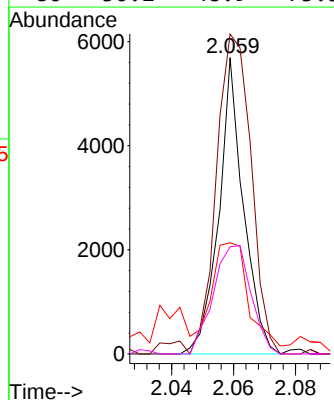
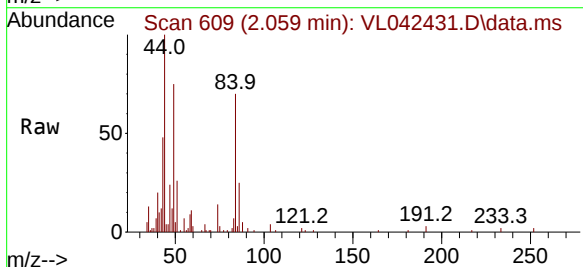
Instrument :  
MSVOA\_L  
ClientSampleId :  
EBR-P11-SC-SS01-20250421

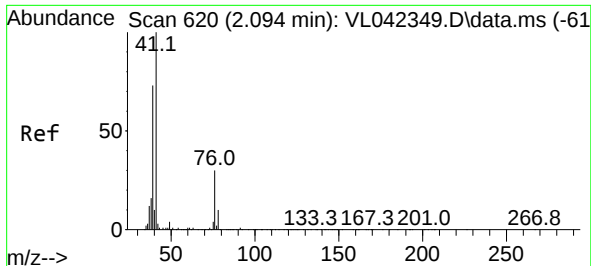
Tgt Ion: 45 Resp: 55931  
Ion Ratio Lower Upper  
45 100  
58 0.0 34.5 51.7#



#20  
Methylene Chloride  
Concen: 0.406 ppbv  
RT: 2.059 min Scan# 609  
Delta R.T. -0.003 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

Tgt Ion: 84 Resp: 3153  
Ion Ratio Lower Upper  
84 100  
49 108.0 111.6 167.4#  
51 34.8 35.1 52.7#  
86 36.2 48.9 73.3#

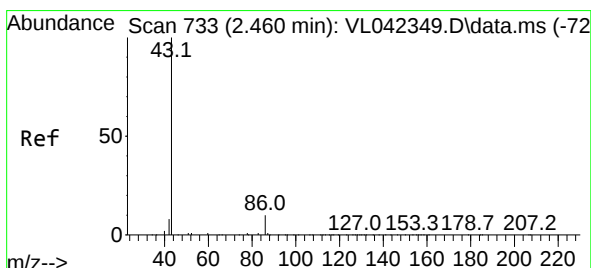
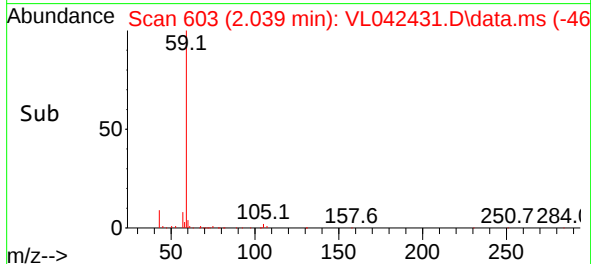
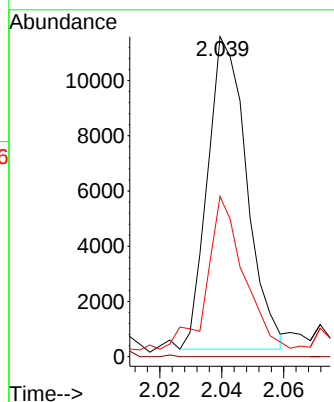
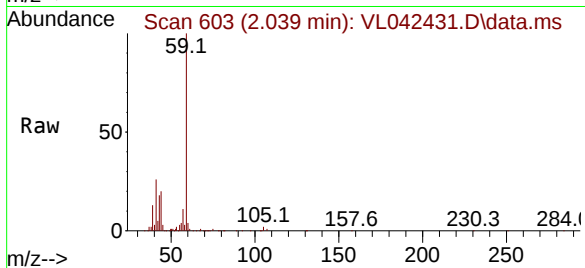




#21  
 Allyl Chloride  
 Concen: 0.725 ppbv  
 RT: 2.039 min Scan# 60  
 Delta R.T. -0.055 min  
 Lab File: VL042431.D  
 Acq: 28 Apr 2025 18:00

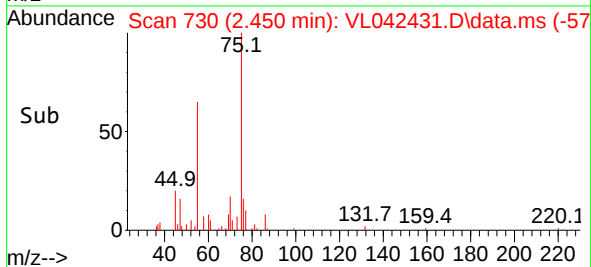
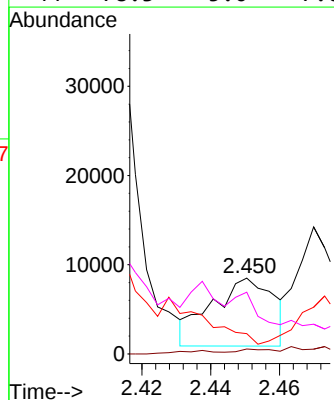
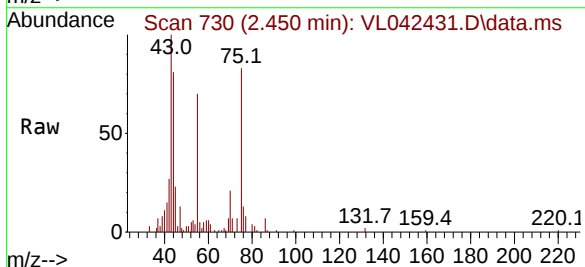
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 EBR-P11-SC-SS01-20250421

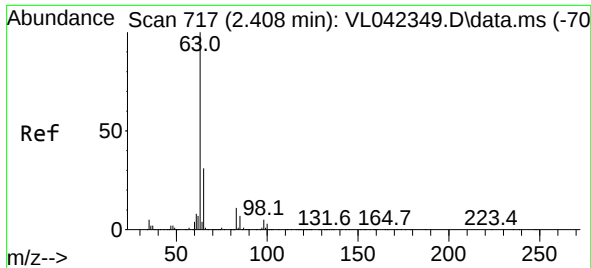
Tgt Ion: 41 Resp: 9926  
 Ion Ratio Lower Upper  
 41 100  
 76 0.0 24.8 37.2#  
 39 0.0 60.6 90.8#



#23  
 Vinyl Acetate  
 Concen: 1.188 ppbv  
 RT: 2.450 min Scan# 730  
 Delta R.T. -0.010 min  
 Lab File: VL042431.D  
 Acq: 28 Apr 2025 18:00

Tgt Ion: 43 Resp: 9528  
 Ion Ratio Lower Upper  
 43 100  
 86 5.8 6.5 9.7#  
 42 4.3 7.8 11.8#  
 44 78.3 5.0 7.6#

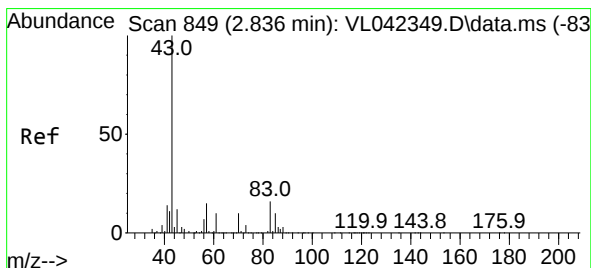
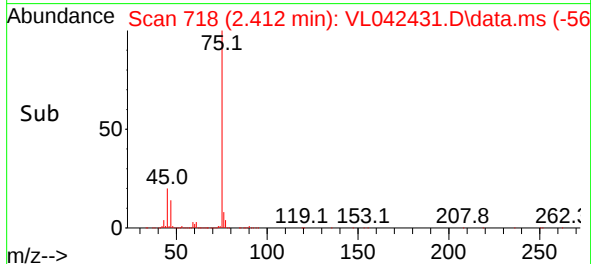
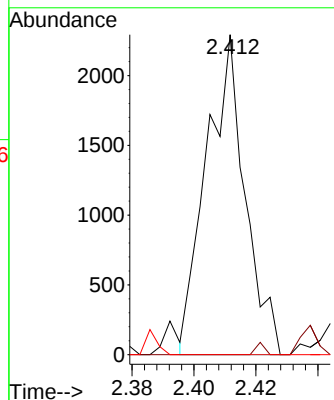
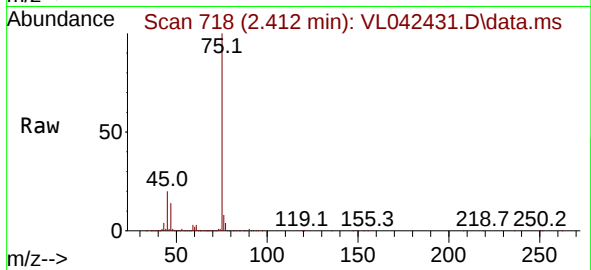




#24  
1,1-Dichloroethane  
Concen: 0.118 ppbv  
RT: 2.412 min Scan# 718  
Delta R.T. 0.003 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

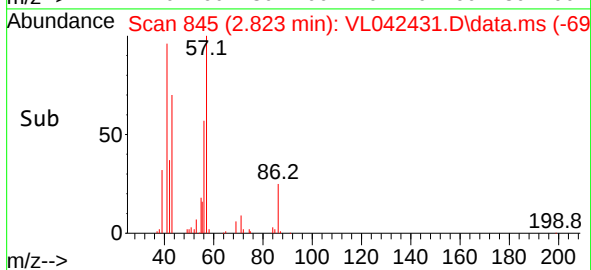
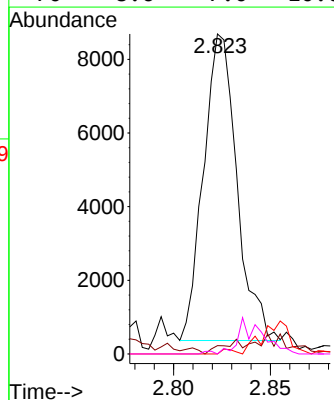
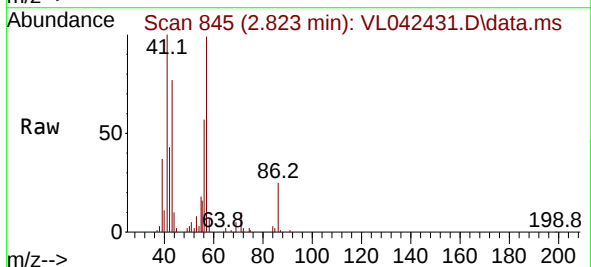
Instrument :  
MSVOA\_L  
ClientSampleId :  
EBR-P11-SC-SS01-20250421

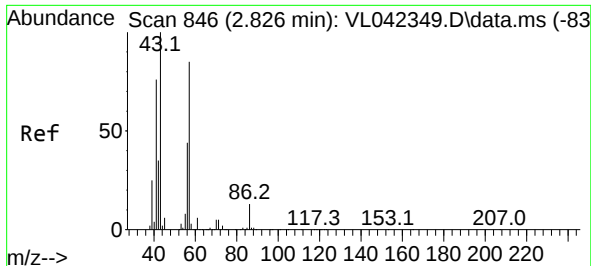
Tgt Ion: 63 Resp: 1987  
Ion Ratio Lower Upper  
63 100  
98 0.0 2.3 6.8#  
100 0.0 1.6 4.8#



#25  
Ethyl Acetate  
Concen: 0.205 ppbv  
RT: 2.823 min Scan# 845  
Delta R.T. -0.013 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

Tgt Ion: 43 Resp: 9993  
Ion Ratio Lower Upper  
43 100  
45 0.0 8.3 12.5#  
61 0.0 7.3 10.9#  
70 8.6 7.0 10.6

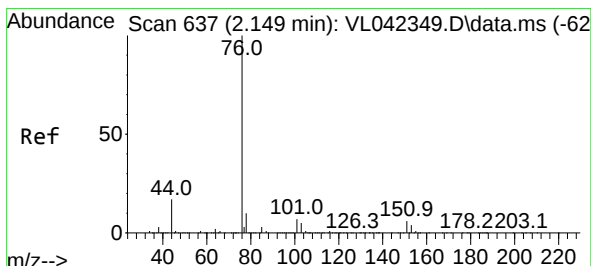
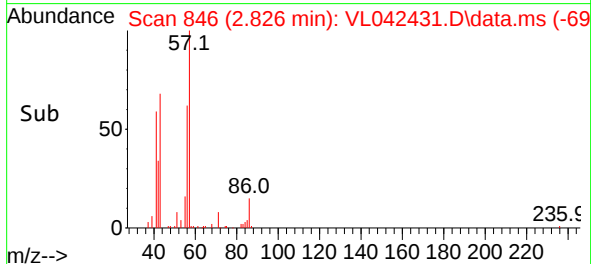
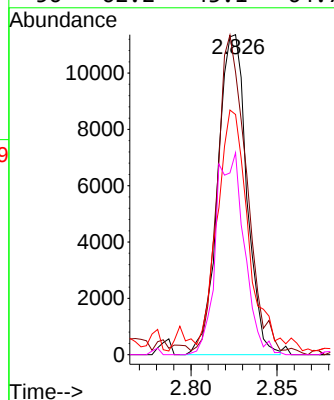
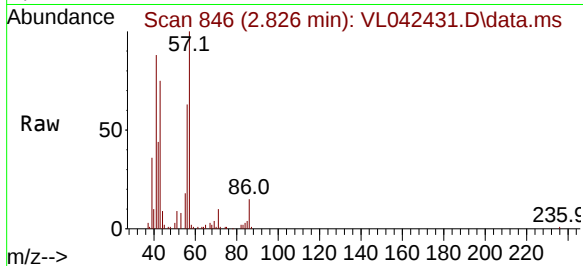




#26  
Hexane  
Concen: 0.670 ppbv  
RT: 2.826 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

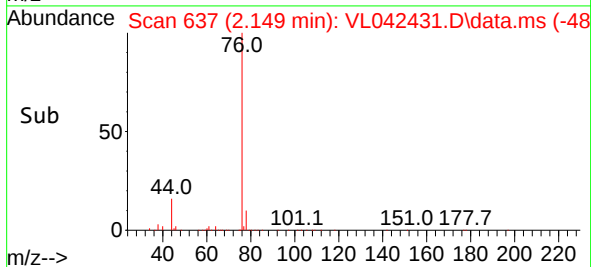
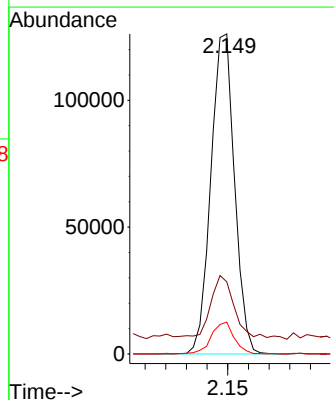
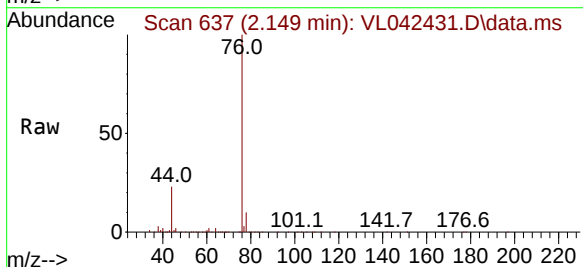
Instrument : MSVOA\_L  
ClientSampleId : EBR-P11-SC-SS01-20250421

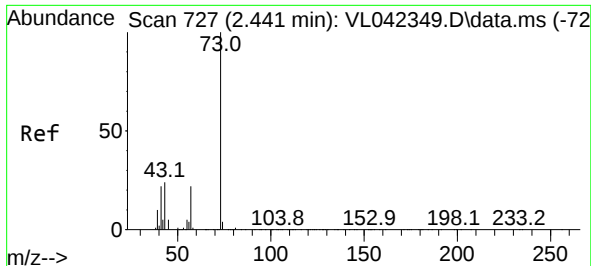
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 57    | Resp: | 13247  |
| Ion      | Ratio | Lower | Upper  |
| 57       | 100   |       |        |
| 41       | 100.4 | 77.9  | 116.9  |
| 43       | 92.1  | 208.4 | 312.6# |
| 56       | 62.2  | 43.1  | 64.7   |



#27  
Carbon Disulfide  
Concen: 4.737 ppbv  
RT: 2.149 min Scan# 637  
Delta R.T. 0.000 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 76    | Resp: | 100277 |
| Ion      | Ratio | Lower | Upper  |
| 76       | 100   |       |        |
| 44       | 17.7  | 15.5  | 23.3   |
| 78       | 9.9   | 9.3   | 13.9   |

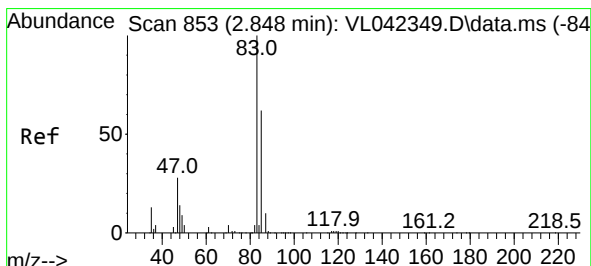
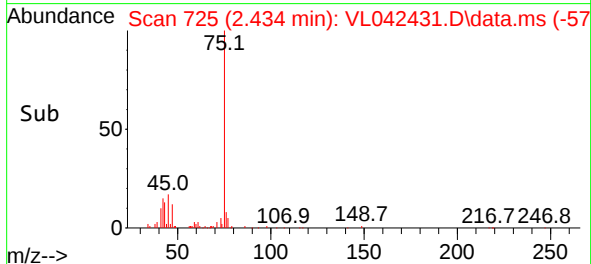
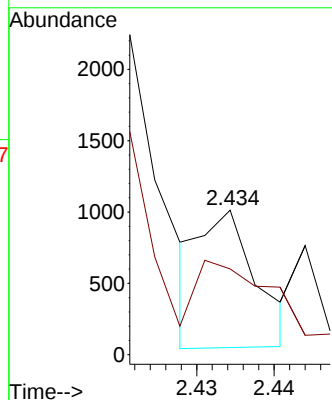
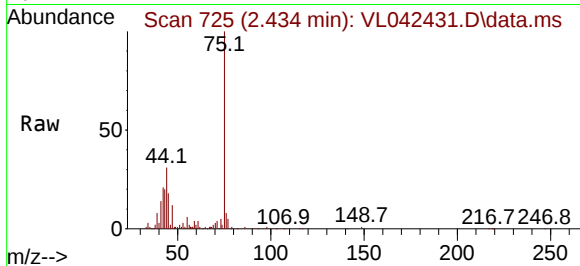




#28  
Methyl tert-Butyl Ether  
Concen: 0.038 ppbv  
RT: 2.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

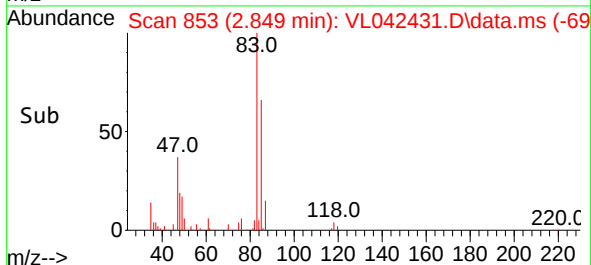
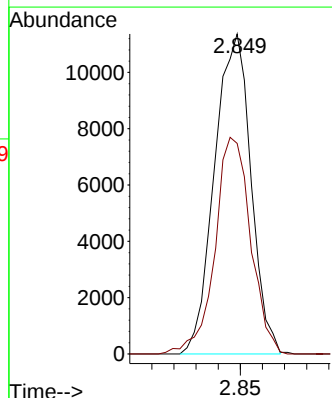
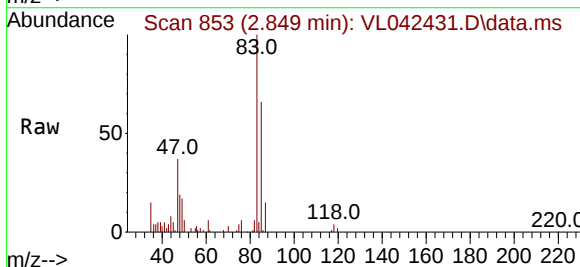
Instrument :  
MSVOA\_L  
ClientSampleId :  
EBR-P11-SC-SS01-20250421

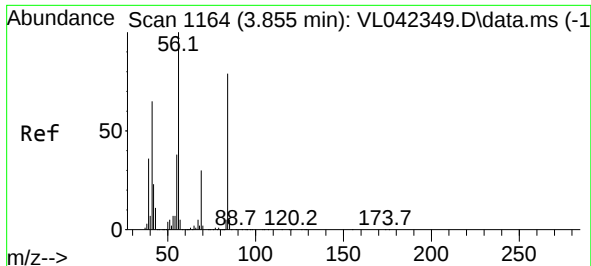
Tgt Ion: 73 Resp: 486  
Ion Ratio Lower Upper  
73 100  
57 0.0 21.3 31.9#



#29  
Chloroform  
Concen: 0.465 ppbv  
RT: 2.849 min Scan# 853  
Delta R.T. 0.000 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

Tgt Ion: 83 Resp: 12986  
Ion Ratio Lower Upper  
83 100  
85 65.1 50.0 75.0

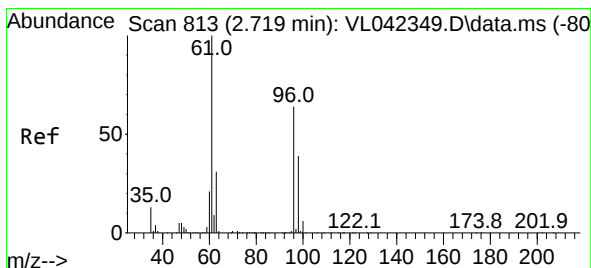
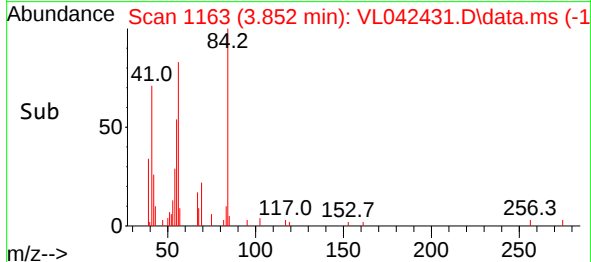
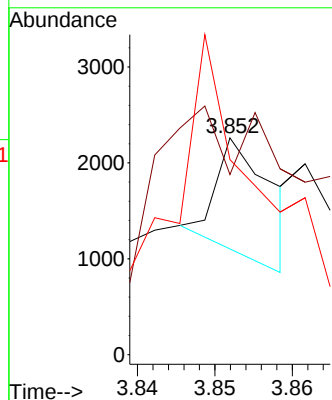
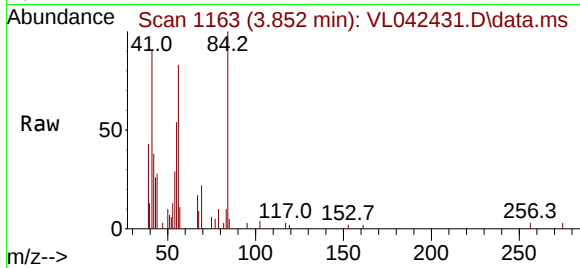




#30  
Cyclohexane  
Concen: 0.035 ppbv  
RT: 3.852 min Scan# 1163  
Delta R.T. -0.003 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

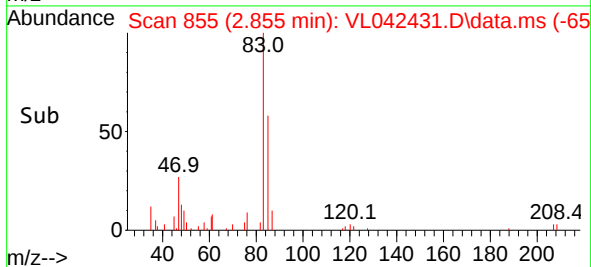
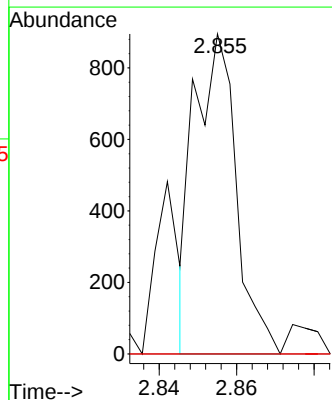
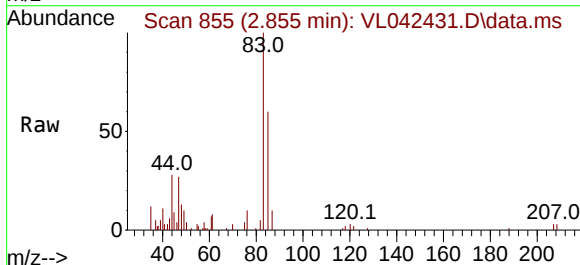
Instrument : MSVOA\_L  
ClientSampleId : EBR-P11-SC-SS01-20250421

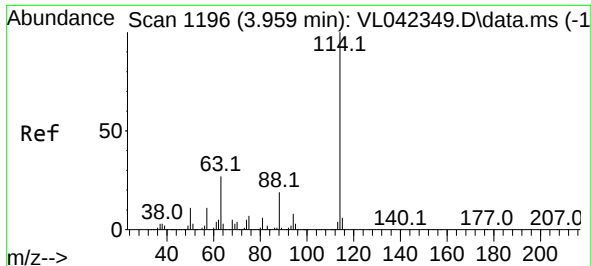
Tgt Ion: 84 Resp: 561  
Ion Ratio Lower Upper  
84 100  
56 867.9 101.0 151.4#  
41 535.1 67.4 101.0#



#31  
cis-1,2-Dichloroethene  
Concen: 0.036 ppbv  
RT: 2.855 min Scan# 855  
Delta R.T. 0.136 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

Tgt Ion: 61 Resp: 672  
Ion Ratio Lower Upper  
61 100  
96 0.0 50.8 76.2#  
98 0.0 30.9 46.3#

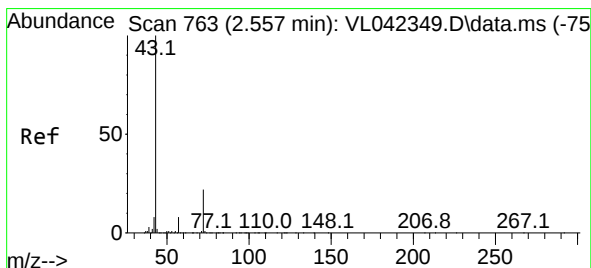
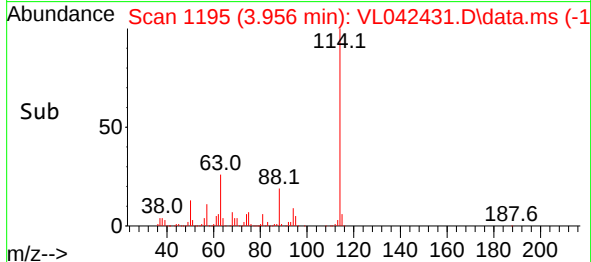
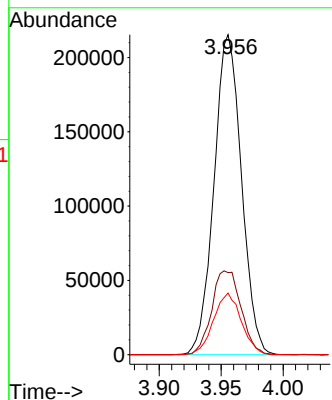
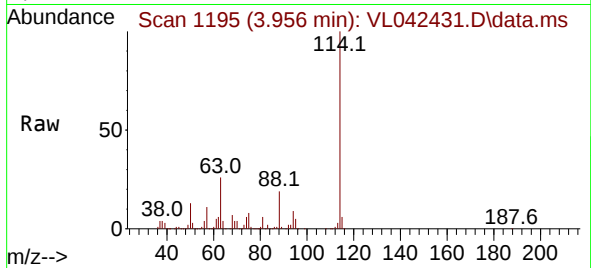




#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 3.956 min Scan# 1195  
 Delta R.T. -0.003 min  
 Lab File: VL042431.D  
 Acq: 28 Apr 2025 18:00

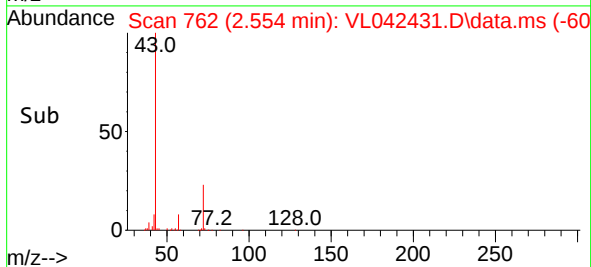
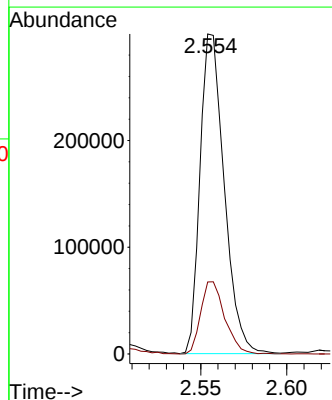
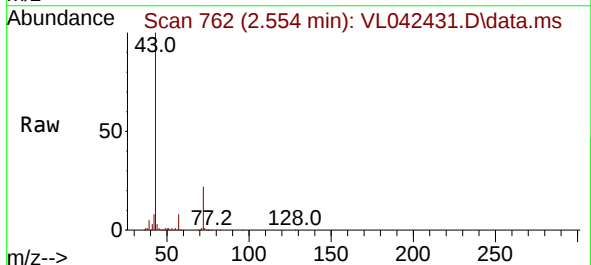
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 EBR-P11-SC-SS01-20250421

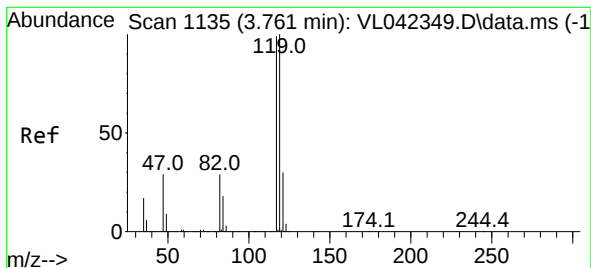
Tgt Ion:114 Resp: 332477  
 Ion Ratio Lower Upper  
 114 100  
 63 28.0 21.8 32.6  
 88 19.5 15.5 23.3



#34  
 2-Butanone  
 Concen: 11.133 ppbv  
 RT: 2.554 min Scan# 762  
 Delta R.T. -0.003 min  
 Lab File: VL042431.D  
 Acq: 28 Apr 2025 18:00

Tgt Ion: 43 Resp: 292727  
 Ion Ratio Lower Upper  
 43 100  
 72 22.5 18.2 27.2





#35

Carbon Tetrachloride

Concen: 0.034 ppbv

RT: 3.755 min Scan# 1135

Delta R.T. -0.006 min

Lab File: VL042431.D

Acq: 28 Apr 2025 18:00

Instrument :

MSVOA\_L

ClientSampleId :

EBR-P11-SC-SS01-20250421

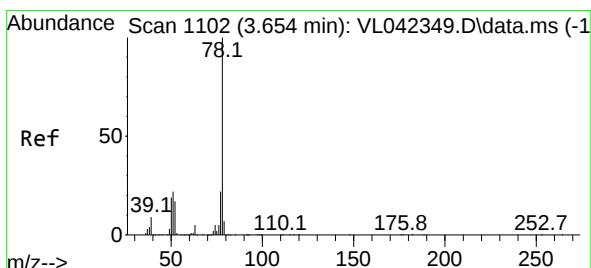
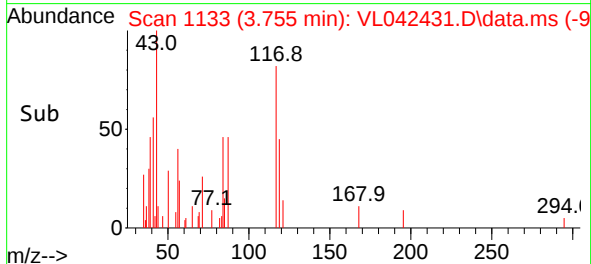
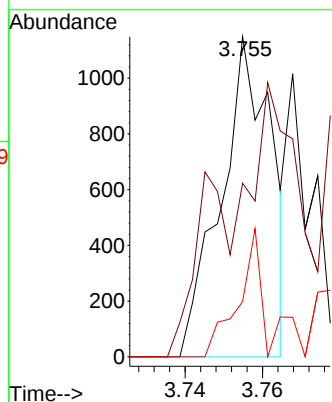
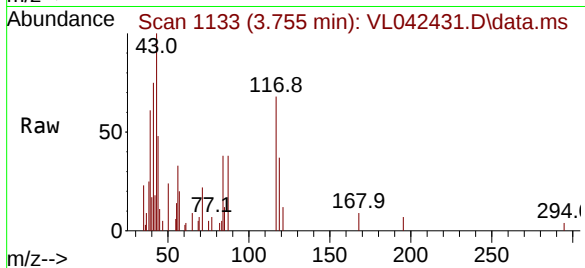
Tgt Ion:117 Resp: 1037

Ion Ratio Lower Upper

117 100

119 43.4 80.5 120.7#

121 17.2 24.2 36.2#



#36

Benzene

Concen: 0.462 ppbv

RT: 3.655 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VL042431.D

Acq: 28 Apr 2025 18:00

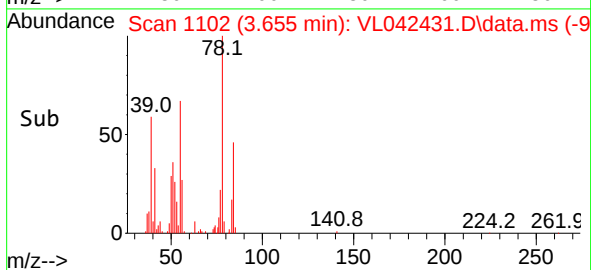
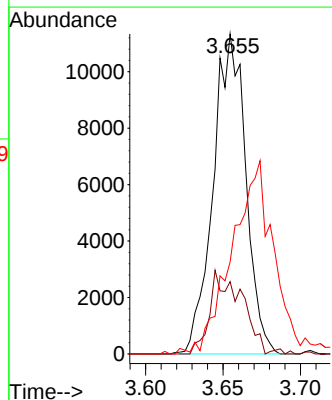
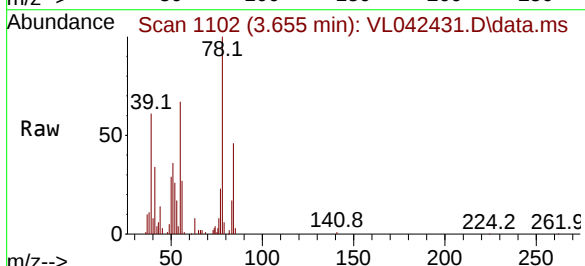
Tgt Ion: 78 Resp: 16576

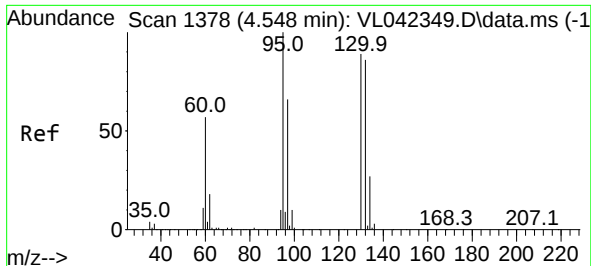
Ion Ratio Lower Upper

78 100

77 22.6 17.4 26.0

50 27.0 15.5 23.3#





#38

Trichloroethene

Concen: 0.377 ppbv

RT: 4.548 min Scan# 1196

Delta R.T. 0.000 min

Lab File: VL042431.D

Acq: 28 Apr 2025 18:00

Instrument :

MSVOA\_L

ClientSampleId :

EBR-P11-SC-SS01-20250421

Tgt Ion:130 Resp: 5912

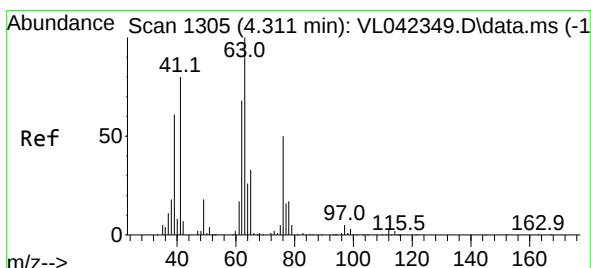
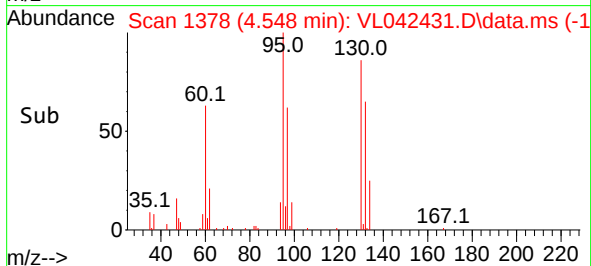
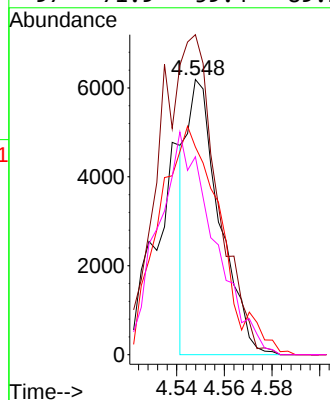
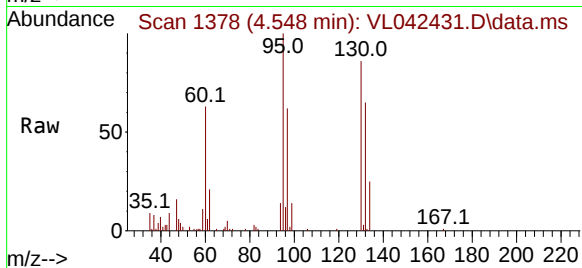
Ion Ratio Lower Upper

130 100

95 116.3 89.8 134.6

132 76.0 77.7 116.5#

97 71.9 59.4 89.2



#39

1,2-Dichloropropane

Concen: 2.788 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.353 min

Lab File: VL042431.D

Acq: 28 Apr 2025 18:00

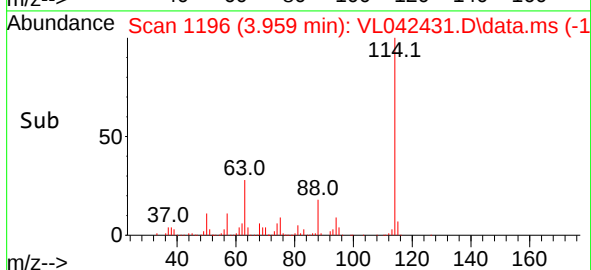
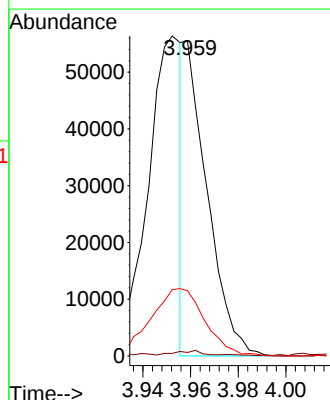
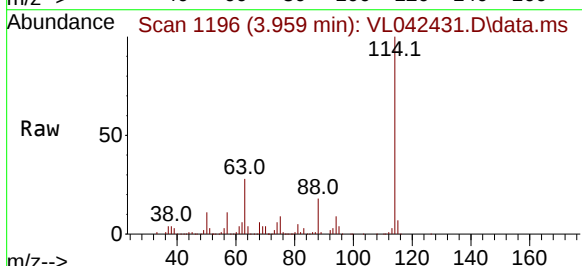
Tgt Ion: 63 Resp: 37260

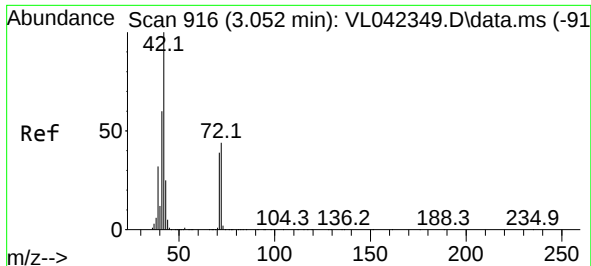
Ion Ratio Lower Upper

63 100

41 0.7 64.2 96.2#

62 20.8 54.3 81.5#

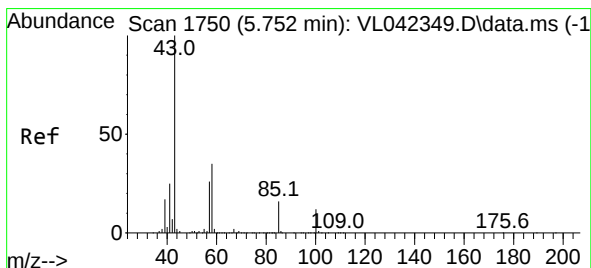
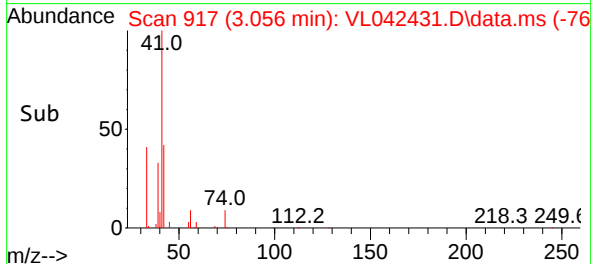
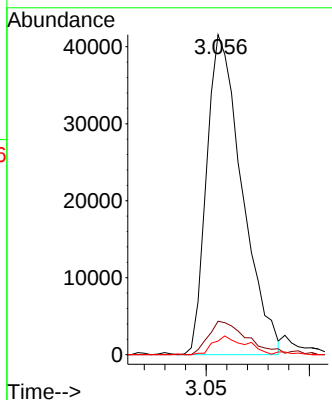
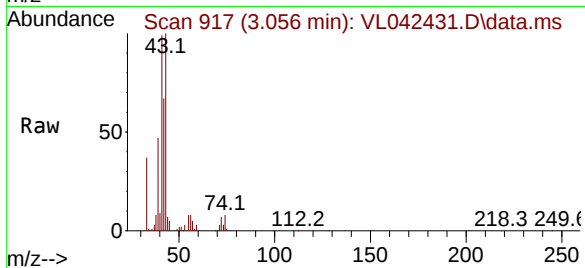




#41  
Tetrahydrofuran  
Concen: 3.227 ppbv  
RT: 3.056 min Scan# 916  
Delta R.T. 0.003 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

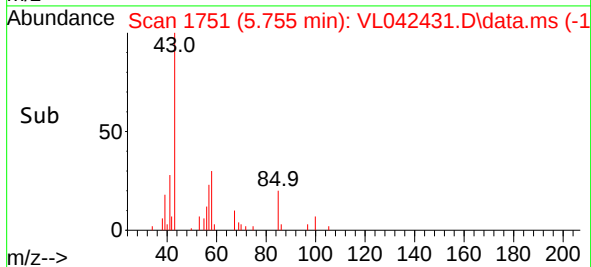
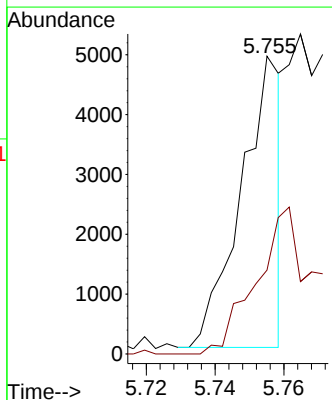
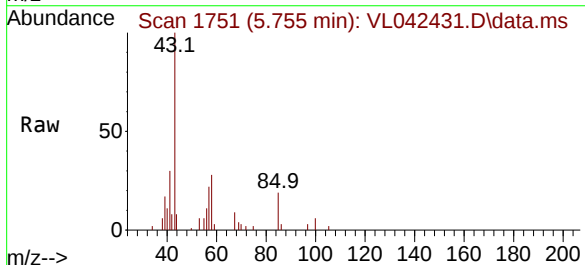
Instrument :  
MSVOA\_L  
ClientSampleId :  
EBR-P11-SC-SS01-20250421

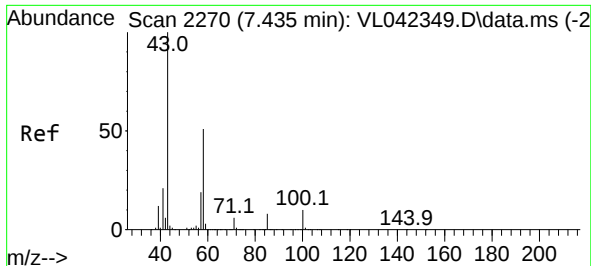
Tgt Ion: 42 Resp: 49472  
Ion Ratio Lower Upper  
42 100  
72 11.8 32.3 48.5#  
71 5.8 31.4 47.2#



#50  
4-Methyl-2-Pentanone  
Concen: 0.089 ppbv  
RT: 5.755 min Scan# 1751  
Delta R.T. 0.003 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

Tgt Ion: 43 Resp: 3910  
Ion Ratio Lower Upper  
43 100  
58 0.0 28.6 43.0#

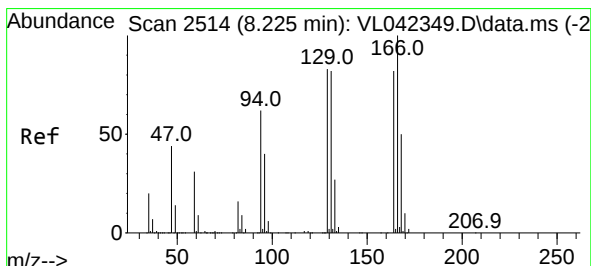
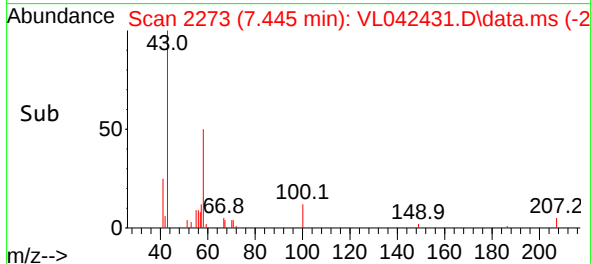
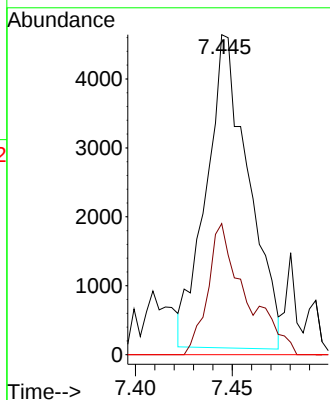
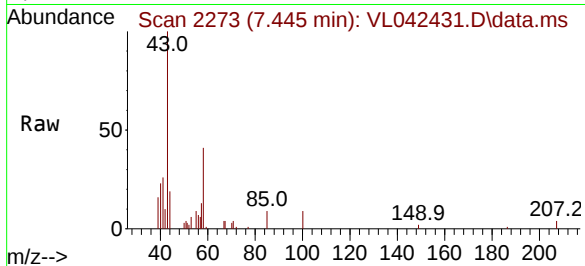




#51  
2-Hexanone  
Concen: 0.176 ppbv  
RT: 7.445 min Scan# 21  
Delta R.T. 0.010 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

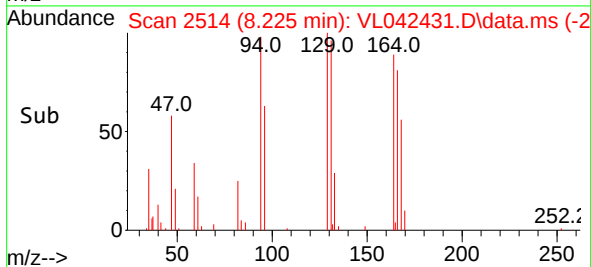
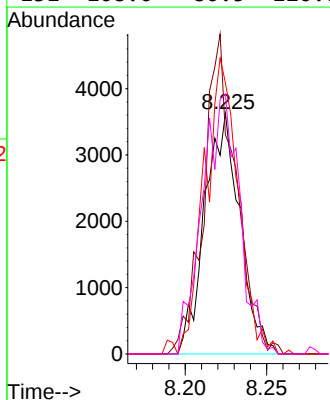
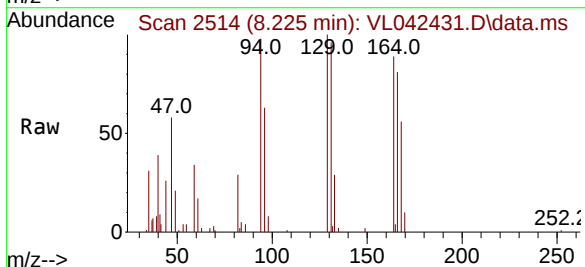
Instrument :  
MSVOA\_L  
ClientSampleId :  
EBR-P11-SC-SS01-20250421

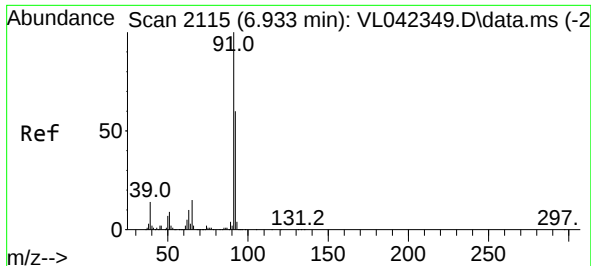
Tgt Ion: 43 Resp: 6910  
Ion Ratio Lower Upper  
43 100  
58 37.6 40.2 60.4#  
98 0.0 0.1 0.1#



#52  
Tetrachloroethene  
Concen: 0.393 ppbv  
RT: 8.225 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

Tgt Ion: 164 Resp: 5442  
Ion Ratio Lower Upper  
164 100  
166 87.4 98.2 147.2#  
129 112.8 81.8 122.8  
131 108.0 80.5 120.7

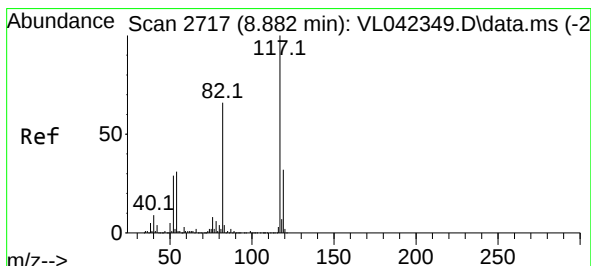
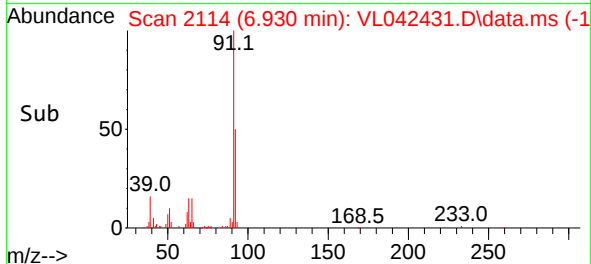
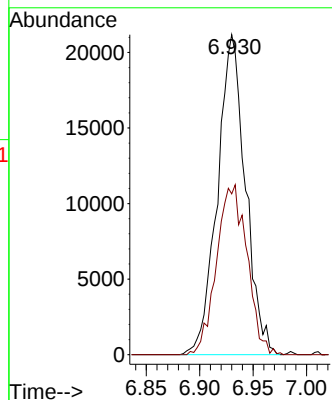
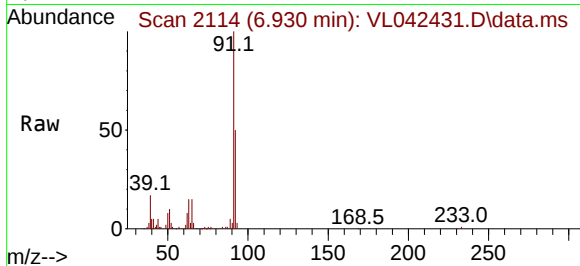




#53  
Toluene  
Concen: 0.897 ppbv  
RT: 6.930 min Scan# 2115  
Delta R.T. -0.003 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

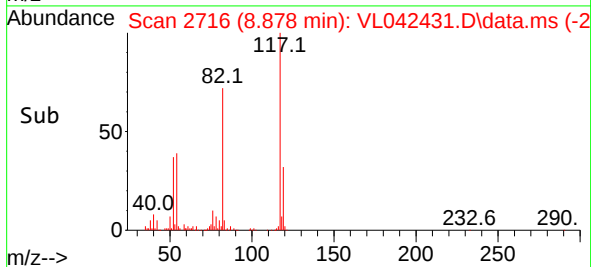
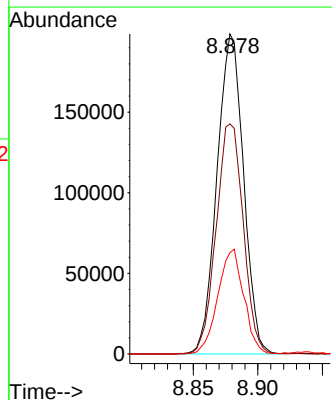
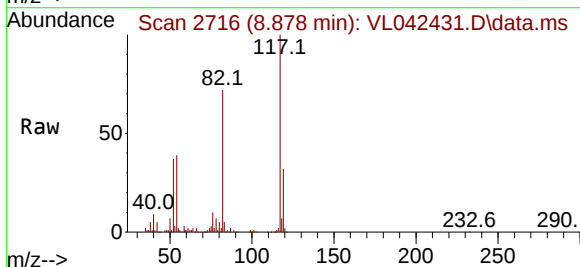
Instrument : MSVOA\_L  
ClientSampleId : EBR-P11-SC-SS01-20250421

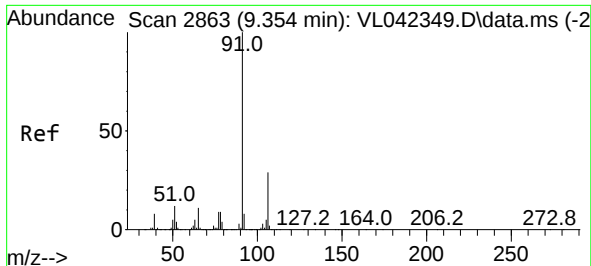
Tgt Ion: 91 Resp: 38616  
Ion Ratio Lower Upper  
91 100  
92 57.8 48.2 72.4



#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 8.878 min Scan# 2716  
Delta R.T. -0.003 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

Tgt Ion: 117 Resp: 283703  
Ion Ratio Lower Upper  
117 100  
82 73.5 57.8 86.6  
119 32.0 25.2 37.8

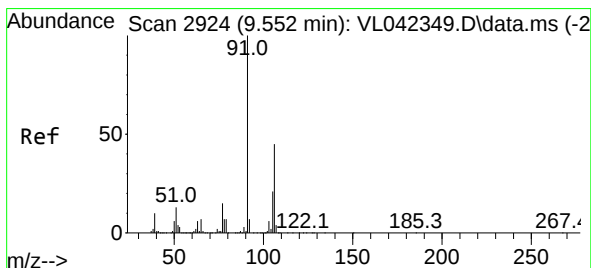
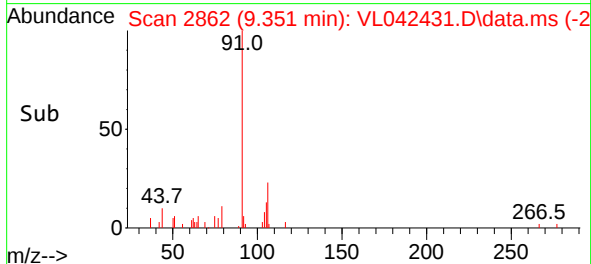
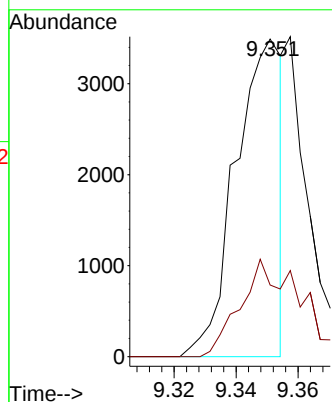
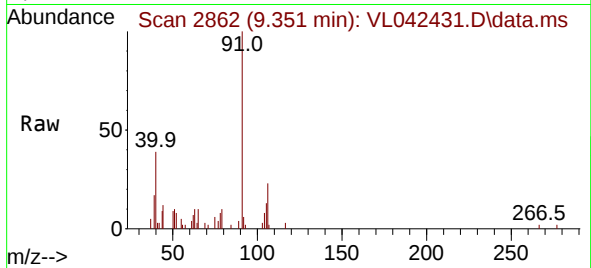




#58  
Ethyl Benzene  
Concen: 0.064 ppbv  
RT: 9.351 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

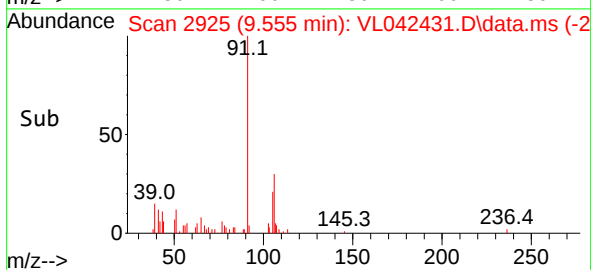
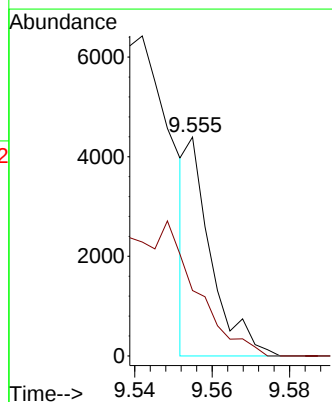
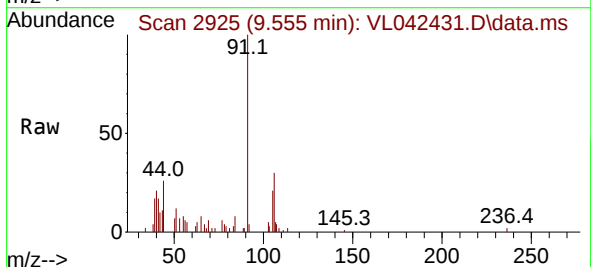
Instrument : MSVOA\_L  
ClientSampleId : EBR-P11-SC-SS01-20250421

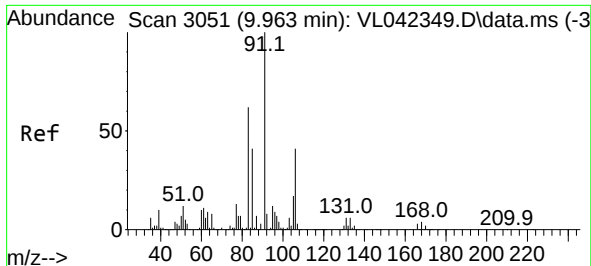
Tgt Ion: 91 Resp: 3620  
Ion Ratio Lower Upper  
91 100  
106 23.4 23.0 34.4



#59  
m/p-Xylene  
Concen: 0.042 ppbv  
RT: 9.555 min Scan# 2925  
Delta R.T. 0.003 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

Tgt Ion: 91 Resp: 1922  
Ion Ratio Lower Upper  
91 100  
106 0.0 35.4 53.2#

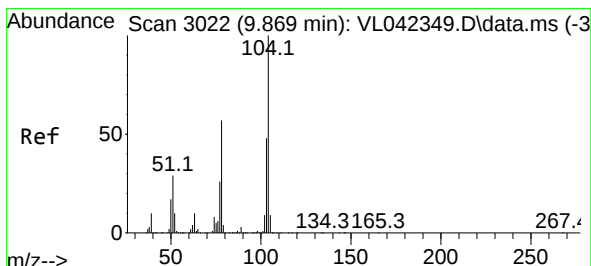
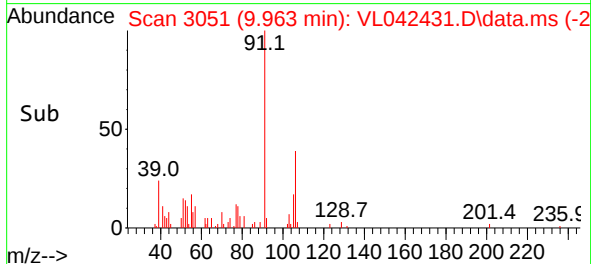
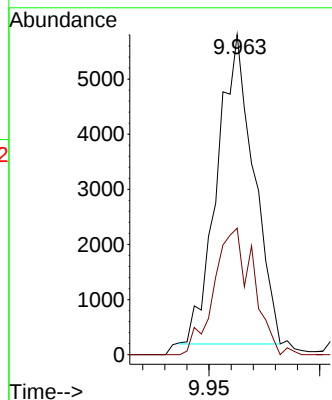
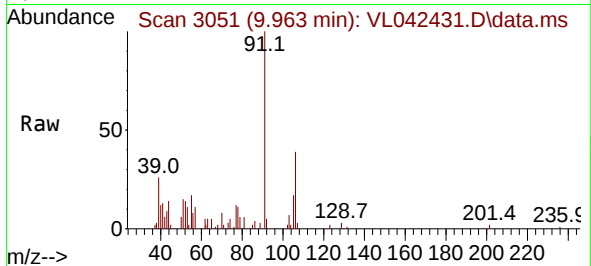




#60  
o-Xylene  
Concen: 0.141 ppbv  
RT: 9.963 min Scan# 3051  
Delta R.T. 0.000 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

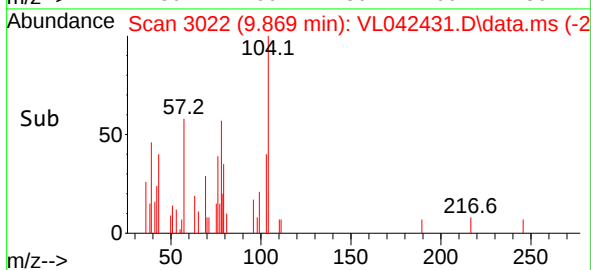
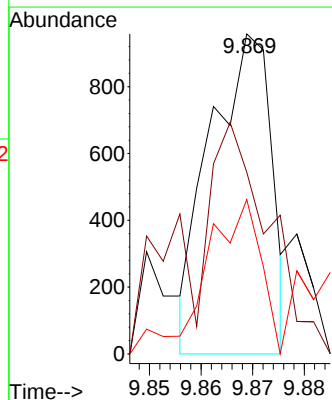
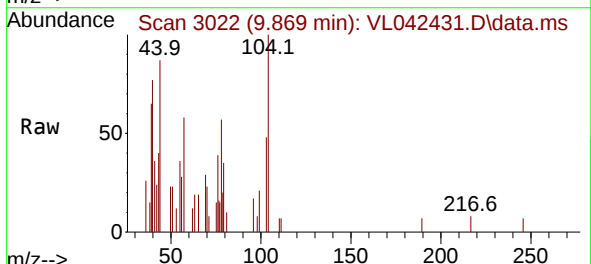
Instrument :  
MSVOA\_L  
ClientSampleId :  
EBR-P11-SC-SS01-20250421

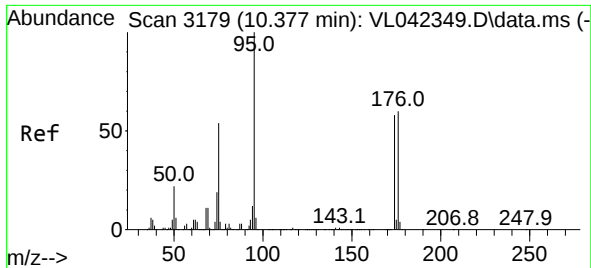
Tgt Ion: 91 Resp: 6441  
Ion Ratio Lower Upper  
91 100  
106 44.1 21.1 63.4



#61  
Styrene  
Concen: 0.036 ppbv  
RT: 9.869 min Scan# 3022  
Delta R.T. 0.000 min  
Lab File: VL042431.D  
Acq: 28 Apr 2025 18:00

Tgt Ion: 104 Resp: 793  
Ion Ratio Lower Upper  
104 100  
78 95.6 44.6 66.8#  
103 61.2 37.4 56.0#

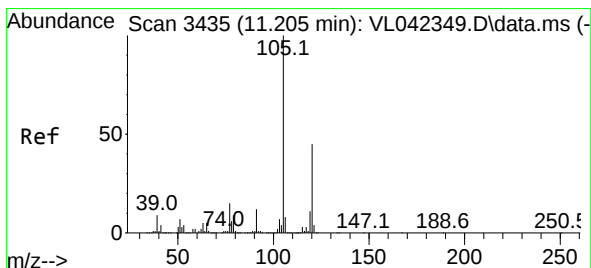
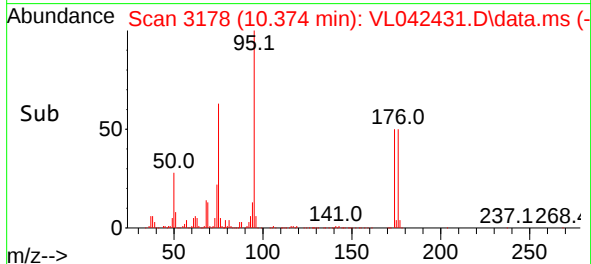
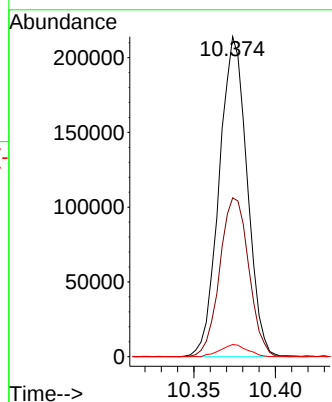
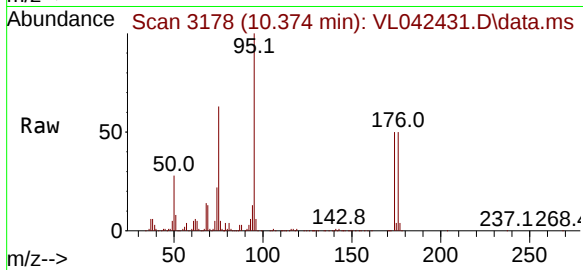




#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 10.916 ppbv  
 RT: 10.374 min Scan# 3179  
 Delta R.T. -0.003 min  
 Lab File: VL042431.D  
 Acq: 28 Apr 2025 18:00

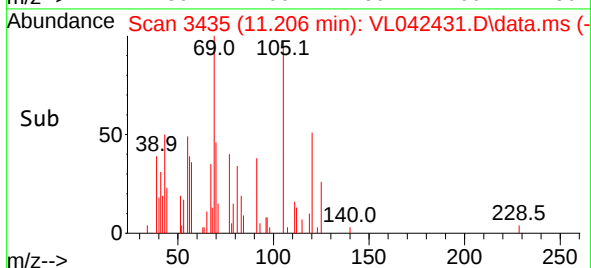
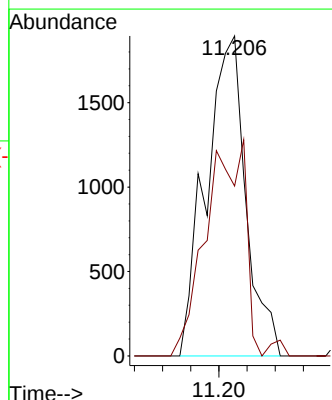
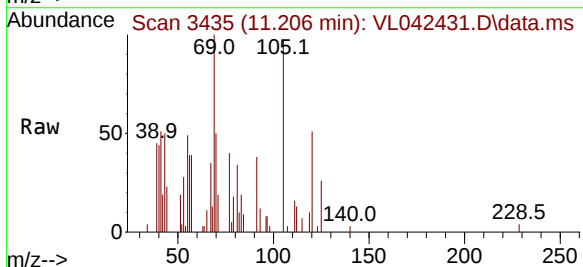
Instrument : MSVOA\_L  
 ClientSampleId : EBR-P11-SC-SS01-20250421

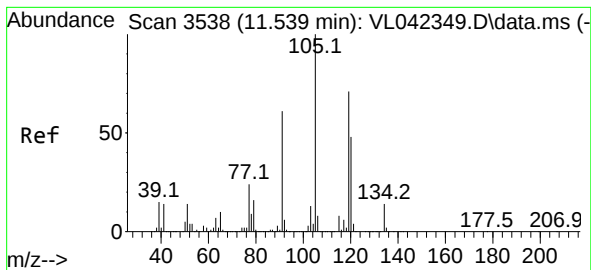
Tgt Ion: 95 Resp: 254492  
 Ion Ratio Lower Upper  
 95 100  
 174 51.7 48.5 72.7  
 175 3.7 3.7 5.5



#73  
 1,3,5-Trimethylbenzene  
 Concen: 0.038 ppbv  
 RT: 11.206 min Scan# 3435  
 Delta R.T. 0.000 min  
 Lab File: VL042431.D  
 Acq: 28 Apr 2025 18:00

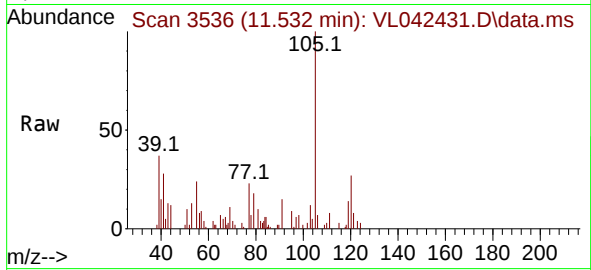
Tgt Ion: 105 Resp: 1859  
 Ion Ratio Lower Upper  
 105 100  
 120 48.1 35.6 53.4





#74  
 1,2,4-Trimethylbenzene  
 Concen: 0.104 ppbv  
 RT: 11.532 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: VL042431.D  
 Acq: 28 Apr 2025 18:00

Instrument : MSVOA\_L  
 ClientSampleId : EBR-P11-SC-SS01-20250421



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 5983  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 27.4  | 38.1  | 57.1# |
| 91       | 15.1  | 48.8  | 73.2# |
| 77       | 20.0  | 19.0  | 28.4  |

