

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL111723\  
 Data File : VL040893.D  
 Acq On : 17 Nov 2023 13:34  
 Operator : SY/MD  
 Sample : 05275-11  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 NT-IA-9

Quant Time: Nov 20 03:58:12 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL111323AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Mon Nov 20 03:50:24 2023  
 Response via : Initial Calibration

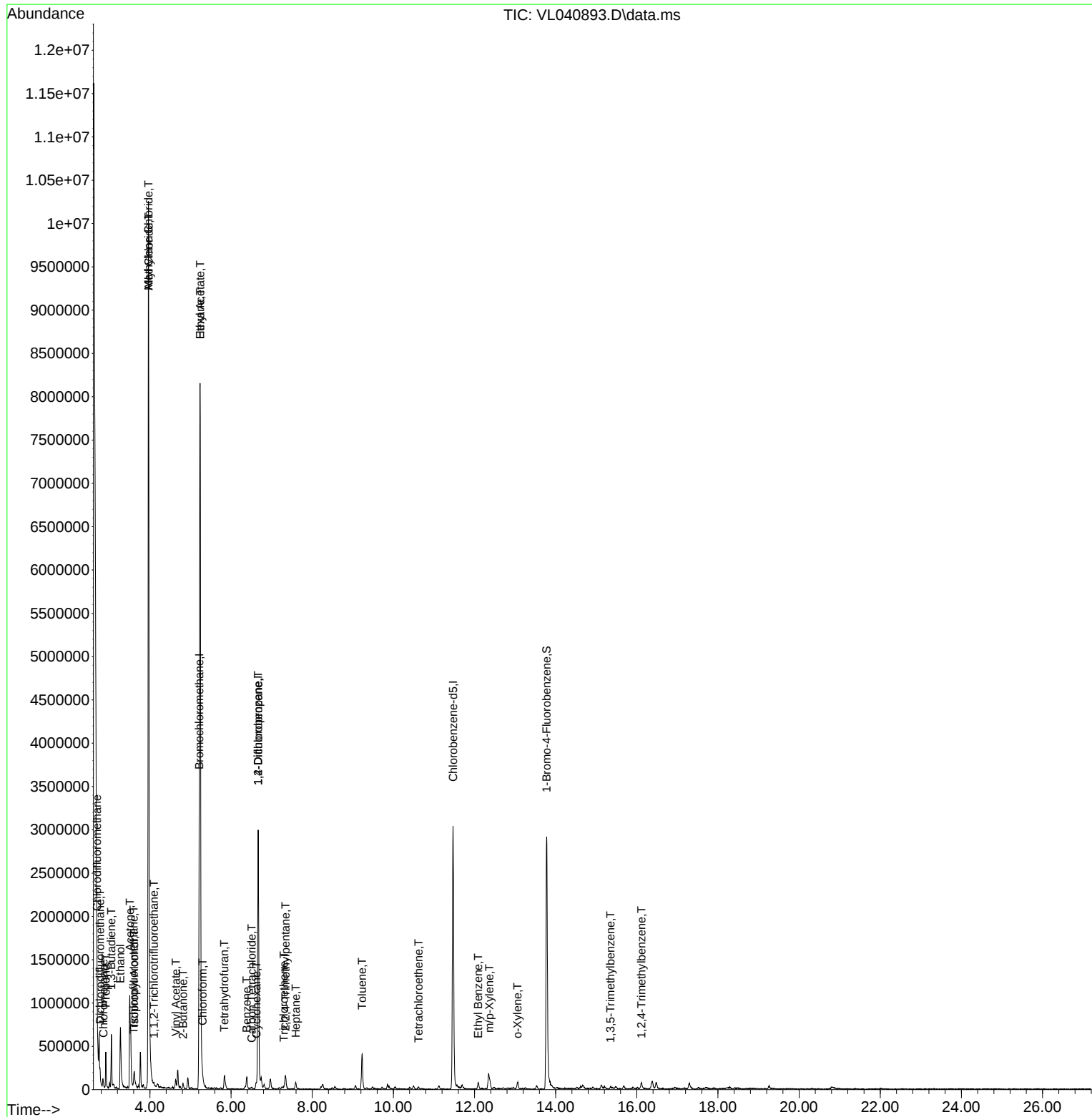
| Compound                      | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|------------|----------|
| -----                         |        |       |          |          |            |          |
| Internal Standards            |        |       |          |          |            |          |
| 1) Bromochloromethane         | 5.214  | 49    | 903454   | 10.000   | ppbv       | 0.00     |
| 33) 1,4-Difluorobenzene       | 6.668  | 114   | 2196012  | 10.000   | ppbv       | 0.00     |
| 55) Chlorobenzene-d5          | 11.471 | 117   | 1912762  | 10.000   | ppbv       | 0.00     |
| System Monitoring Compounds   |        |       |          |          |            |          |
| 68) 1-Bromo-4-Fluorobenzene   | 13.777 | 95    | 1509754  | 10.081   | ppbv       | 0.00     |
| Spiked Amount                 | 10.000 | Range | 65 - 135 | Recovery | = 100.800% |          |
| Target Compounds              |        |       |          |          |            |          |
|                               |        |       |          |          | Qvalue     |          |
| 2) Dichlorodifluoromethane    | 2.771  | 85    | 86078    | 0.470    | ppbv       | 98       |
| 3) Chlorodifluoromethane      | 2.694  | 51    | 180633   | 1.252    | ppbv #     | 70       |
| 4) Chloromethane              | 2.851  | 50    | 26584    | 0.513    | ppbv #     | 87       |
| 9) Propene                    | 2.912  | 41    | 88926    | 1.829    | ppbv       | 93       |
| 10) Heptane                   | 7.594  | 43    | 33235    | 0.278    | ppbv       | 98       |
| 11) Trichlorofluoromethane    | 3.597  | 101   | 31927    | 0.227    | ppbv       | 84       |
| 12) 1,1,2-Trichlorotrifluo... | 4.099  | 101   | 6691     | 0.067    | ppbv       | 85       |
| 13) Ethanol                   | 3.272  | 45    | 749183   | 79.368   | ppbv #     | 100      |
| 15) Acetone                   | 3.504  | 43    | 1219799  | 12.677   | ppbv       | 96       |
| 16) 1,3-Butadiene             | 3.051  | 39    | 79588    | 1.635    | ppbv #     | 19       |
| 19) Isopropyl Alcohol         | 3.613  | 45    | 205148   | 3.543    | ppbv #     | 1        |
| 20) Methylene Chloride        | 3.964  | 84    | 3417835  | 86.071   | ppbv       | 93       |
| 21) Allyl Chloride            | 3.967  | 41    | 136998   | 2.225    | ppbv #     | 26       |
| 23) Vinyl Acetate             | 4.642  | 43    | 20763    | 0.167    | ppbv #     | 23       |
| 25) Ethyl Acetate             | 5.237  | 43    | 2362791  | 11.859   | ppbv #     | 77       |
| 26) Hexane                    | 5.237  | 57    | 3300019  | 37.424   | ppbv #     | 40       |
| 29) Chloroform                | 5.295  | 83    | 13121    | 0.088    | ppbv #     | 79       |
| 30) Cyclohexane               | 6.626  | 84    | 22854    | 0.301    | ppbv #     | 79       |
| 34) 2-Butanone                | 4.816  | 43    | 69990    | 0.626    | ppbv       | 96       |
| 35) Carbon Tetrachloride      | 6.510  | 117   | 6010     | 0.045    | ppbv #     | 37       |
| 36) Benzene                   | 6.388  | 78    | 104591   | 0.587    | ppbv #     | 94       |
| 38) Trichloroethene           | 7.304  | 130   | 2991     | 0.043    | ppbv #     | 58       |
| 39) 1,2-Dichloropropane       | 6.668  | 63    | 571496   | 8.087    | ppbv #     | 24       |
| 41) Tetrahydrofuran           | 5.835  | 42    | 13112    | 0.190    | ppbv #     | 37       |
| 44) 2,2,4-Trimethylpentane    | 7.340  | 57    | 134409   | 0.454    | ppbv #     | 86       |
| 52) Tetrachloroethene         | 10.623 | 164   | 3222     | 0.054    | ppbv #     | 65       |
| 53) Toluene                   | 9.230  | 91    | 286068   | 1.459    | ppbv       | 99       |
| 58) Ethyl Benzene             | 12.092 | 91    | 62345    | 0.250    | ppbv       | 97       |
| 59) m/p-Xylene                | 12.365 | 91    | 72473    | 0.341    | ppbv #     | 32       |
| 60) o-Xylene                  | 13.060 | 91    | 57809    | 0.286    | ppbv       | 98       |
| 73) 1,3,5-Trimethylbenzene    | 15.352 | 105   | 5985     | 0.030    | ppbv       | 96       |
| 74) 1,2,4-Trimethylbenzene    | 16.114 | 105   | 48104    | 0.219    | ppbv #     | 68       |
| -----                         |        |       |          |          |            |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL111723\  
Data File : VL040893.D  
Acq On : 17 Nov 2023 13:34  
Operator : SY/MD  
Sample : 05275-11  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
NT-IA-9

Quant Time: Nov 20 03:58:12 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL111323AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
QLast Update : Mon Nov 20 03:50:24 2023  
Response via : Initial Calibration

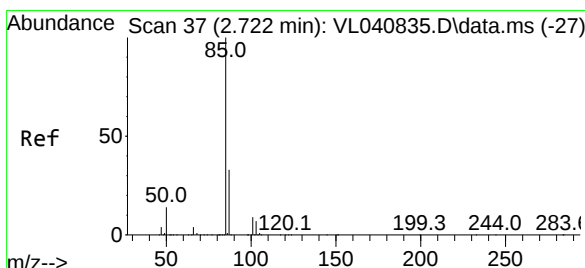
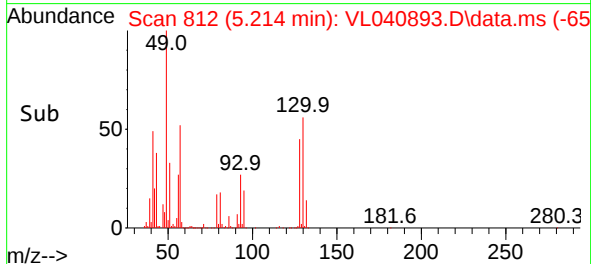
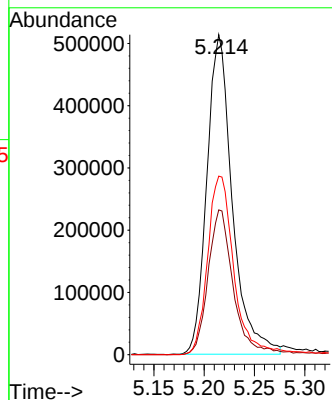
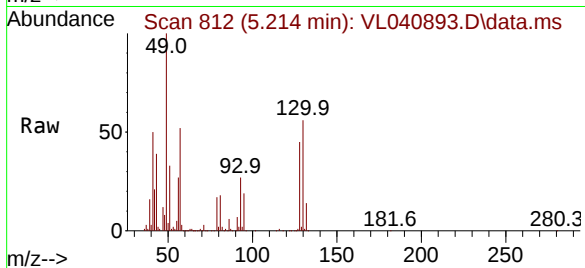




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.214 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

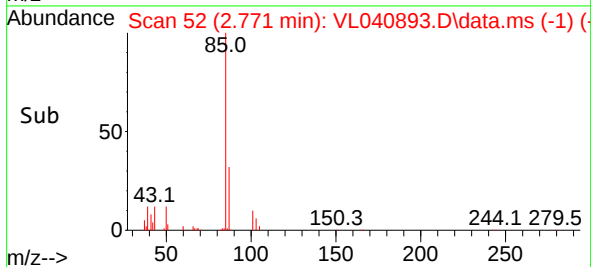
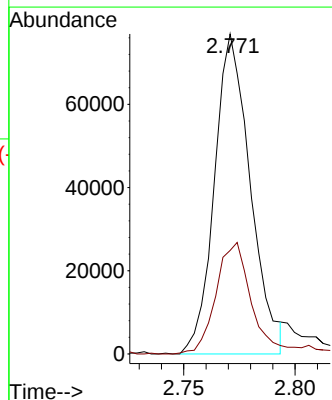
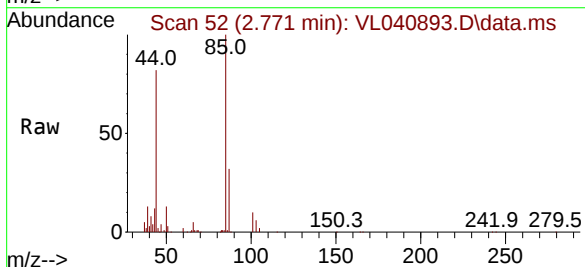
Instrument :  
MSVOA\_L  
ClientSampleId :  
NT-IA-9

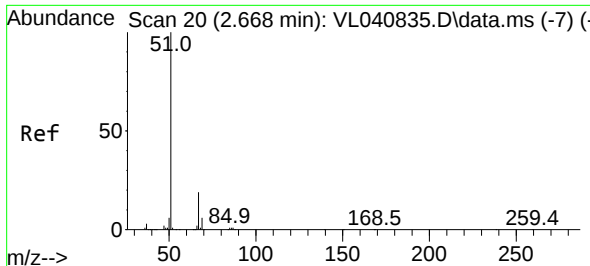
Tgt Ion: 49 Resp: 903454  
Ion Ratio Lower Upper  
49 100  
128 46.3 23.8 71.2  
130 59.1 30.9 92.8



#2  
Dichlorodifluoromethane  
Concen: 0.470 ppbv  
RT: 2.771 min Scan# 52  
Delta R.T. -0.003 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

Tgt Ion: 85 Resp: 86078  
Ion Ratio Lower Upper  
85 100  
87 32.0 26.7 40.1

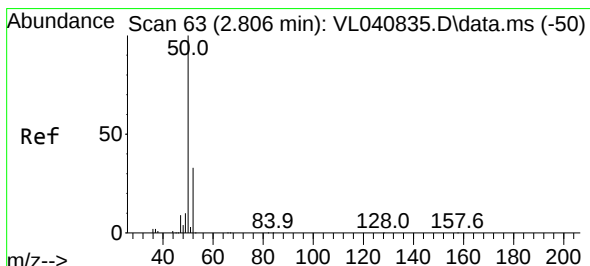
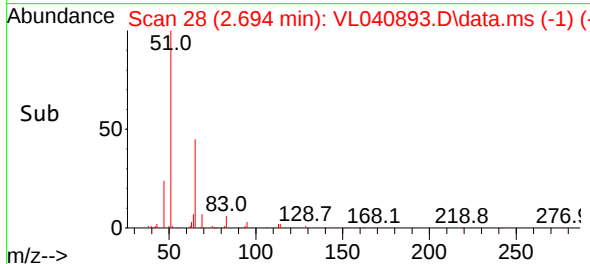
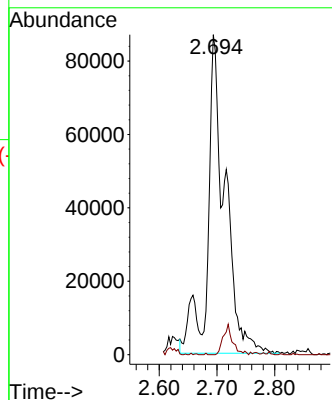
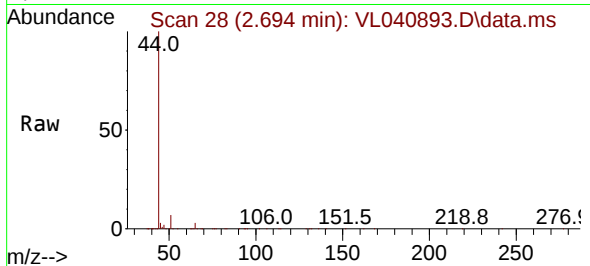




#3  
Chlorodifluoromethane  
Concen: 1.252 ppbv  
RT: 2.694 min Scan# 21  
Delta R.T. -0.026 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

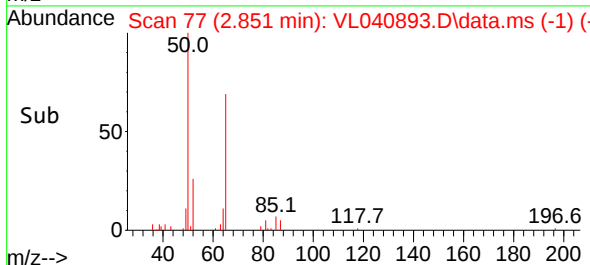
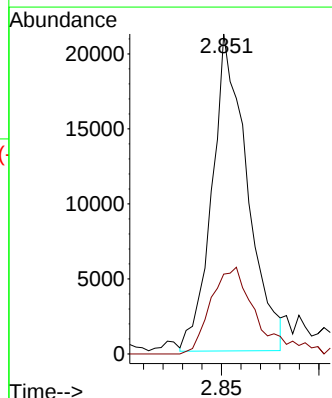
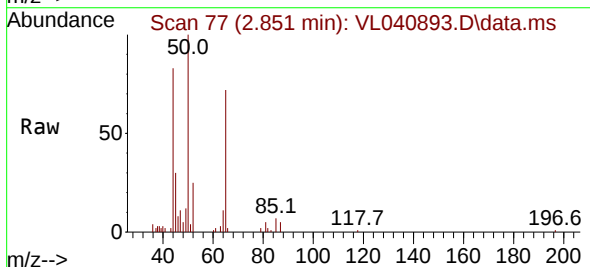
Instrument :  
MSVOA\_L  
ClientSampleId :  
NT-IA-9

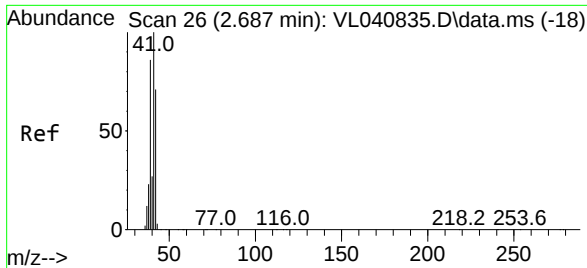
Tgt Ion: 51 Resp: 180633  
Ion Ratio Lower Upper  
51 100  
67 5.2 15.0 22.4#



#4  
Chloromethane  
Concen: 0.513 ppbv  
RT: 2.851 min Scan# 77  
Delta R.T. -0.003 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

Tgt Ion: 50 Resp: 26584  
Ion Ratio Lower Upper  
50 100  
52 26.0 26.5 39.7#





#9

Propene

Concen: 1.829 ppbv

RT: 2.912 min Scan# 9

Delta R.T. 0.174 min

Lab File: VL040893.D

Acq: 17 Nov 2023 13:34

Instrument :

MSVOA\_L

ClientSampleId :

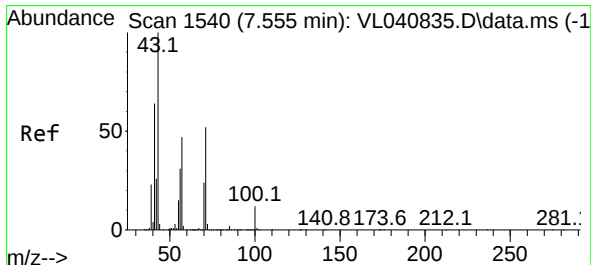
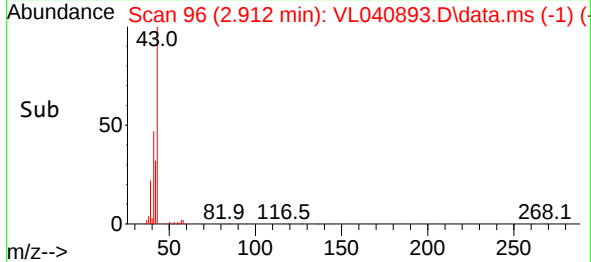
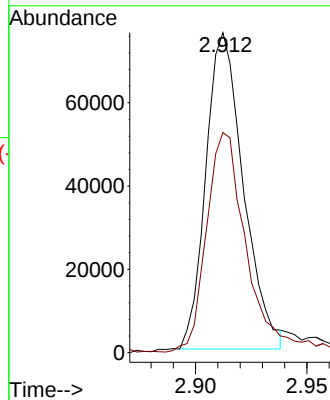
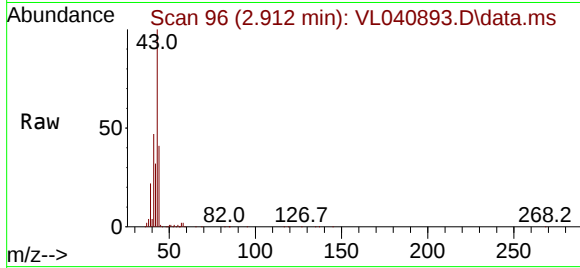
NT-IA-9

Tgt Ion: 41 Resp: 88926

Ion Ratio Lower Upper

41 100

42 76.5 56.5 84.7



#10

Heptane

Concen: 0.278 ppbv

RT: 7.594 min Scan# 1552

Delta R.T. 0.006 min

Lab File: VL040893.D

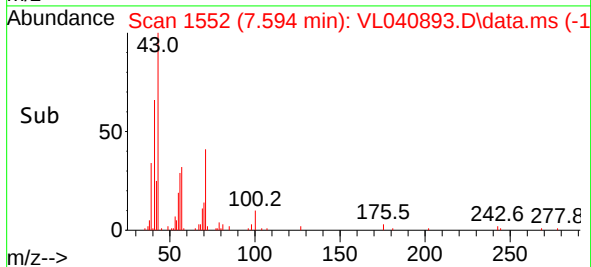
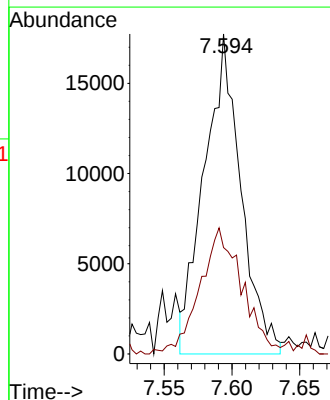
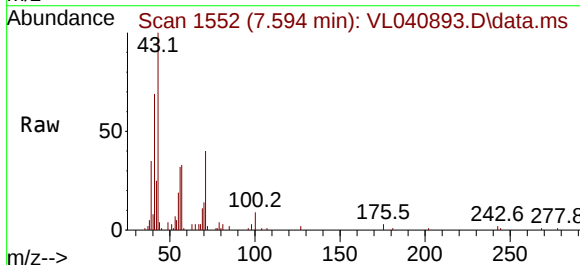
Acq: 17 Nov 2023 13:34

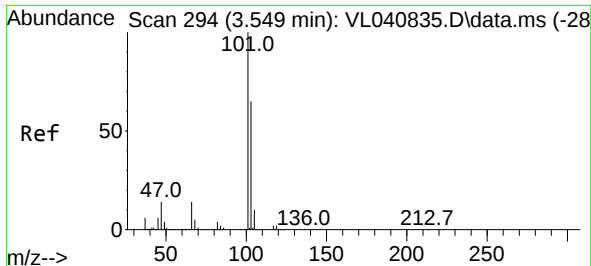
Tgt Ion: 43 Resp: 33235

Ion Ratio Lower Upper

43 100

57 48.0 39.4 59.0

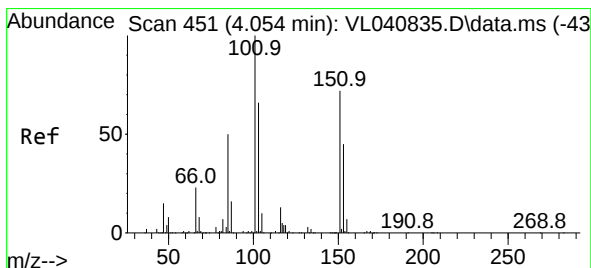
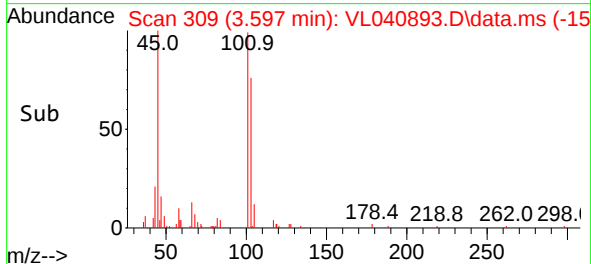
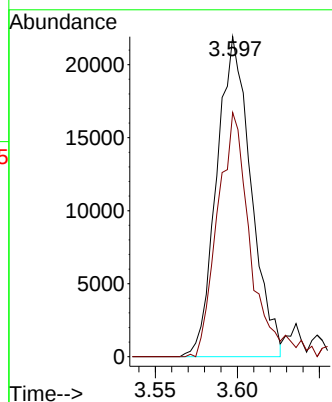
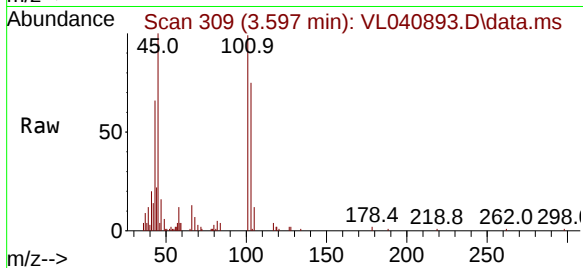




#11  
 Trichlorofluoromethane  
 Concen: 0.227 ppbv  
 RT: 3.597 min Scan# 309  
 Delta R.T. 0.003 min  
 Lab File: VL040893.D  
 Acq: 17 Nov 2023 13:34

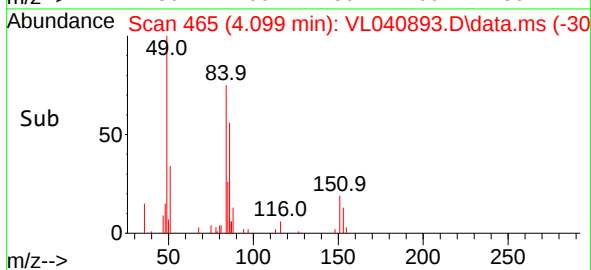
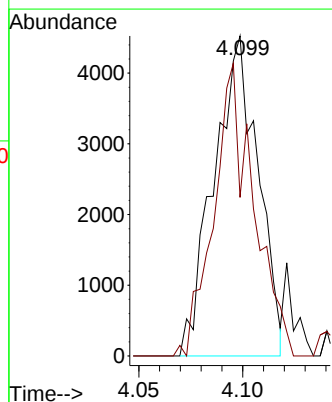
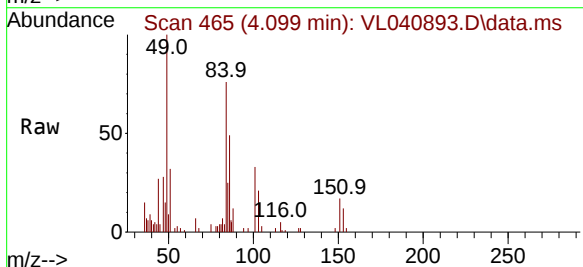
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 NT-IA-9

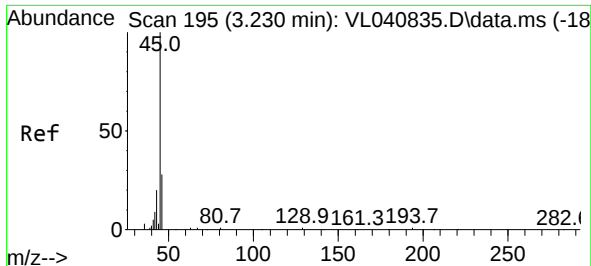
Tgt Ion:101 Resp: 31927  
 Ion Ratio Lower Upper  
 101 100  
 103 77.0 51.8 77.8



#12  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 0.067 ppbv  
 RT: 4.099 min Scan# 465  
 Delta R.T. 0.003 min  
 Lab File: VL040893.D  
 Acq: 17 Nov 2023 13:34

Tgt Ion:101 Resp: 6691  
 Ion Ratio Lower Upper  
 101 100  
 151 85.1 57.8 86.6

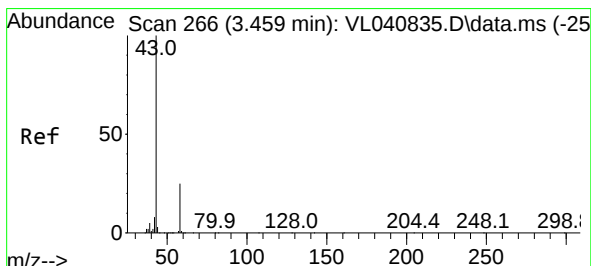
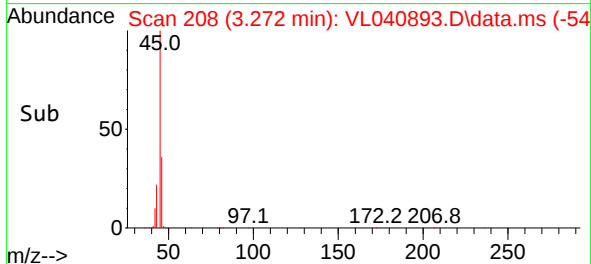
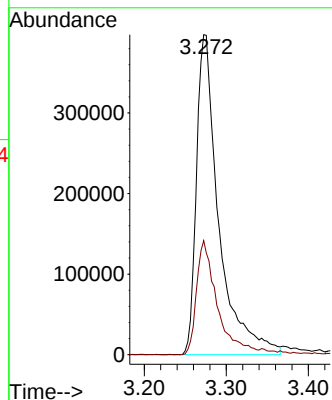
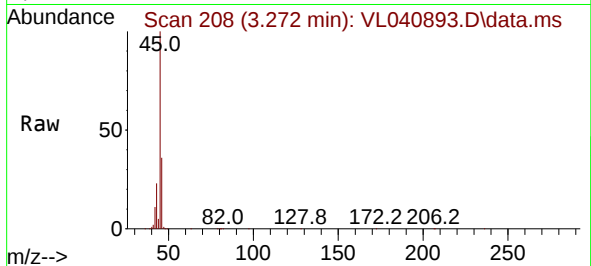




#13  
 Ethanol  
 Concen: 79.368 ppbv  
 RT: 3.272 min Scan# 20  
 Delta R.T. -0.006 min  
 Lab File: VL040893.D  
 Acq: 17 Nov 2023 13:34

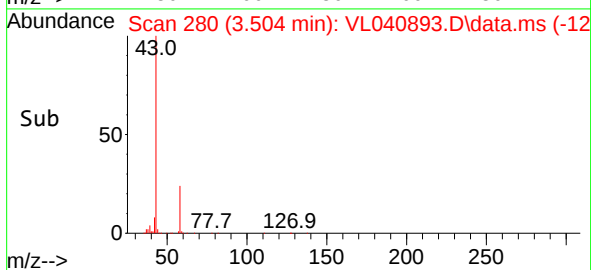
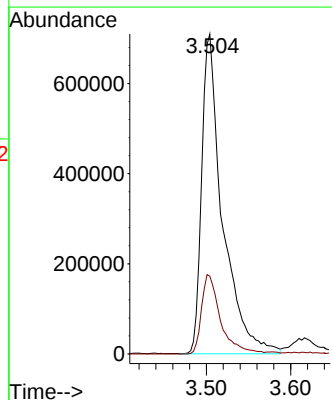
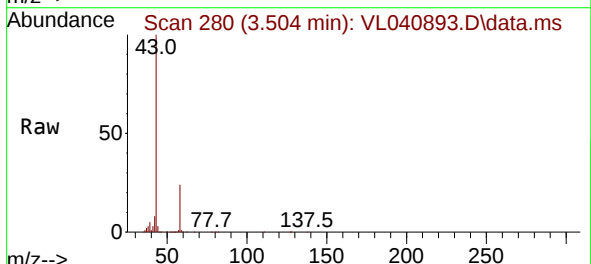
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 NT-IA-9

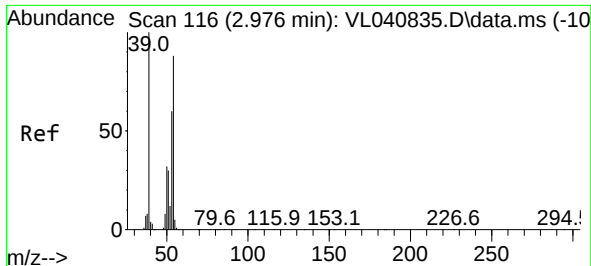
Tgt Ion: 45 Resp: 749183  
 Ion Ratio Lower Upper  
 45 100  
 46 35.2 0.0 0.0#



#15  
 Acetone  
 Concen: 12.677 ppbv  
 RT: 3.504 min Scan# 280  
 Delta R.T. 0.003 min  
 Lab File: VL040893.D  
 Acq: 17 Nov 2023 13:34

Tgt Ion: 43 Resp: 1219799  
 Ion Ratio Lower Upper  
 43 100  
 58 24.1 20.9 31.3

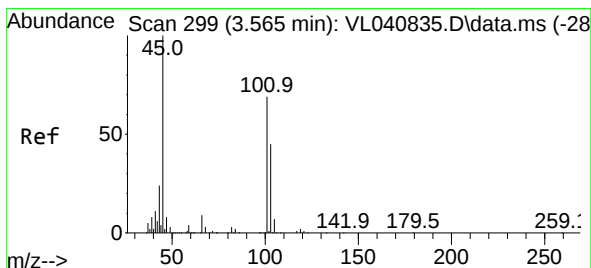
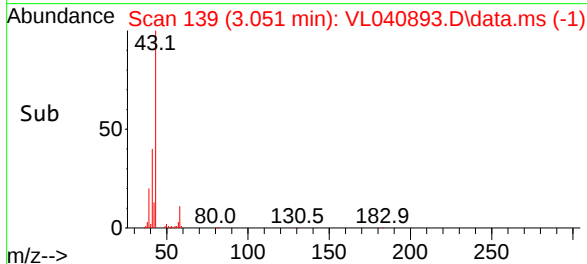
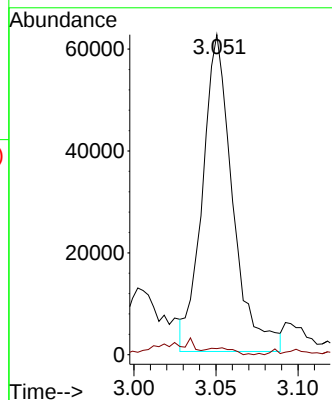
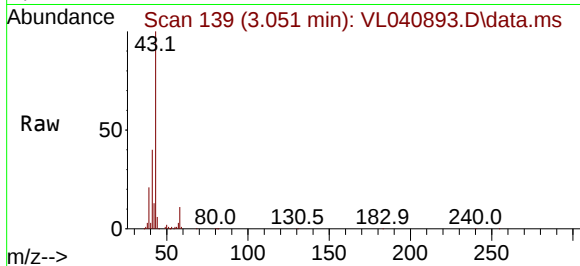




#16  
1,3-Butadiene  
Concen: 1.635 ppbv  
RT: 3.051 min Scan# 116  
Delta R.T. 0.026 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

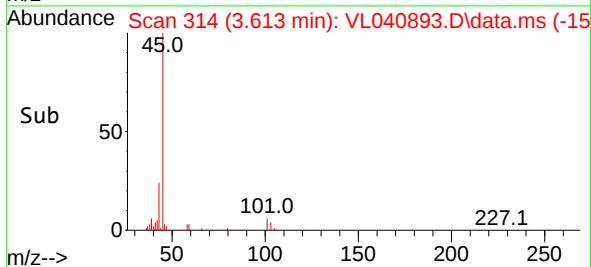
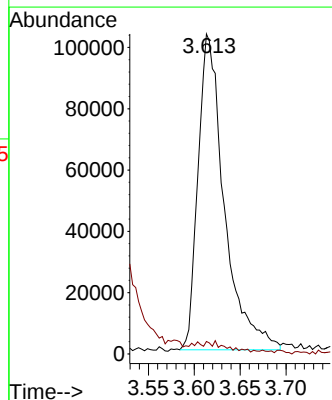
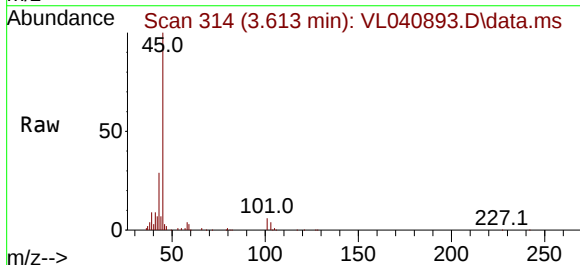
Instrument :  
MSVOA\_L  
ClientSampleId :  
NT-IA-9

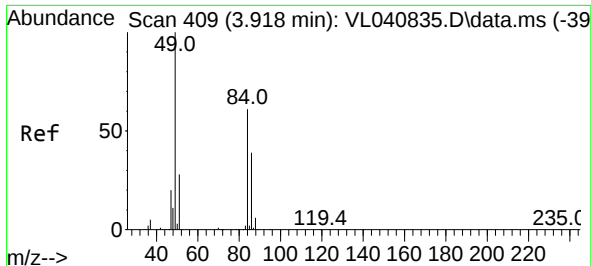
Tgt Ion: 39 Resp: 79588  
Ion Ratio Lower Upper  
39 100  
54 7.0 61.8 92.6#



#19  
Isopropyl Alcohol  
Concen: 3.543 ppbv  
RT: 3.613 min Scan# 314  
Delta R.T. 0.003 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

Tgt Ion: 45 Resp: 205148  
Ion Ratio Lower Upper  
45 100  
58 137.5 1.6 2.4#



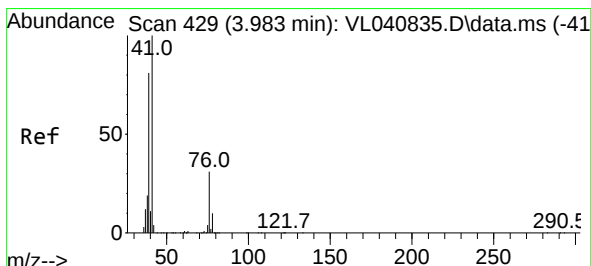
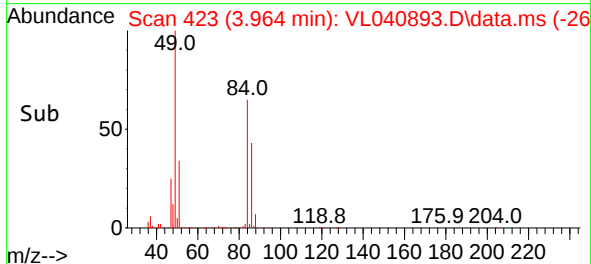
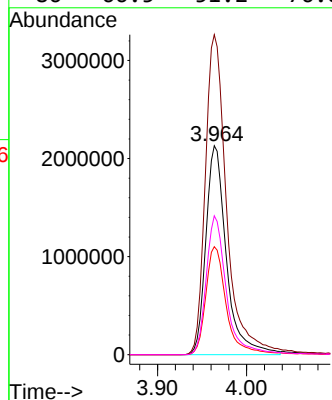
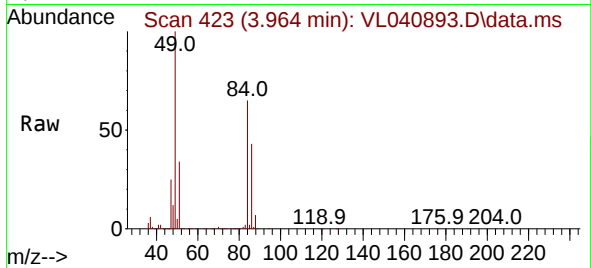


#20  
Methylene Chloride  
Concen: 86.071 ppbv  
RT: 3.964 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

Instrument :  
MSVOA\_L  
ClientSampleId :  
NT-IA-9

Tgt Ion: 84 Resp: 3417835

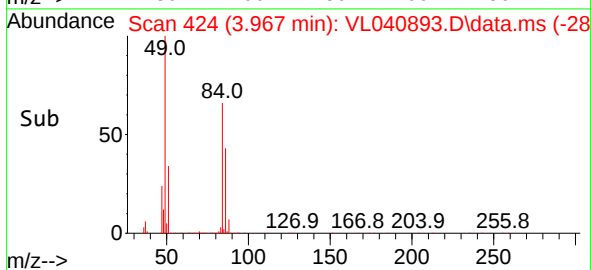
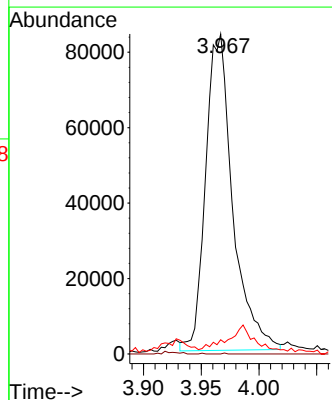
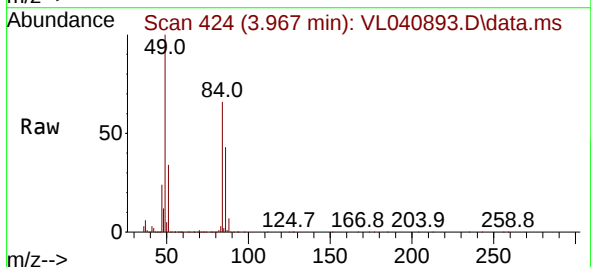
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 153.1 | 131.0 | 196.4 |
| 51  | 51.7  | 36.9  | 55.3  |
| 86  | 66.5  | 51.2  | 76.8  |

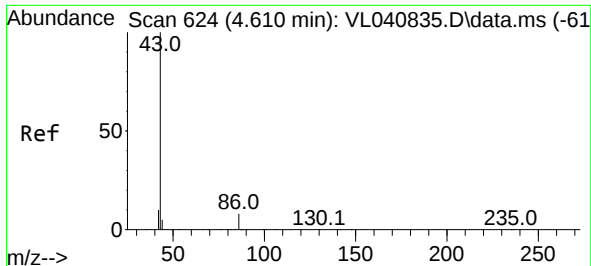


#21  
Allyl Chloride  
Concen: 2.225 ppbv  
RT: 3.967 min Scan# 424  
Delta R.T. -0.058 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

Tgt Ion: 41 Resp: 136998

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 41  | 100   |       |        |
| 76  | 0.0   | 24.4  | 36.6#  |
| 39  | 11.2  | 68.1  | 102.1# |

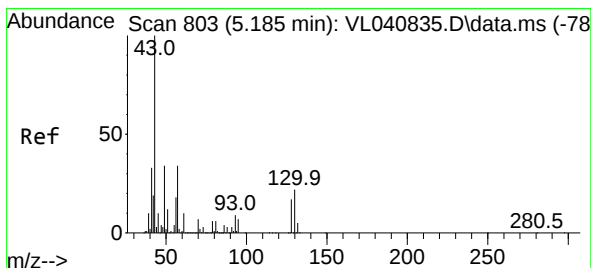
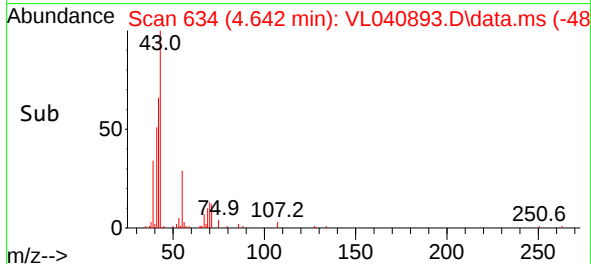
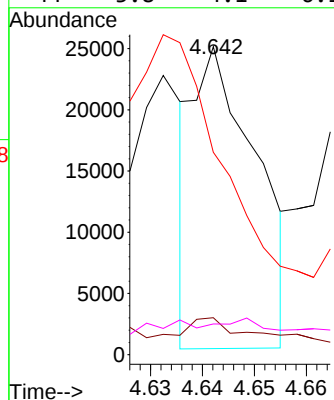
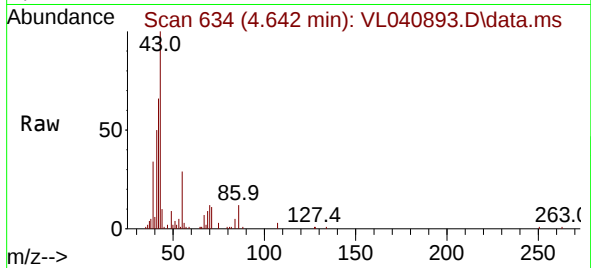




#23  
 Vinyl Acetate  
 Concen: 0.167 ppbv  
 RT: 4.642 min Scan# 61  
 Delta R.T. -0.006 min  
 Lab File: VL040893.D  
 Acq: 17 Nov 2023 13:34

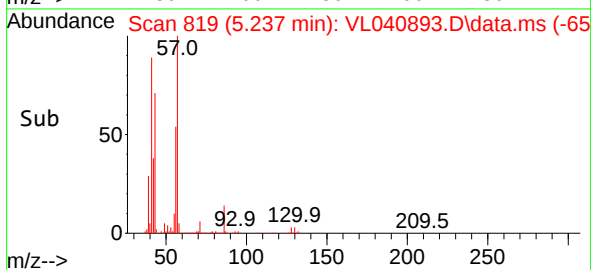
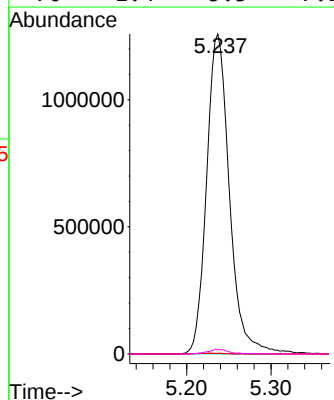
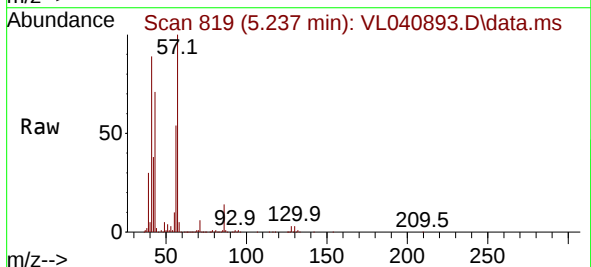
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 NT-IA-9

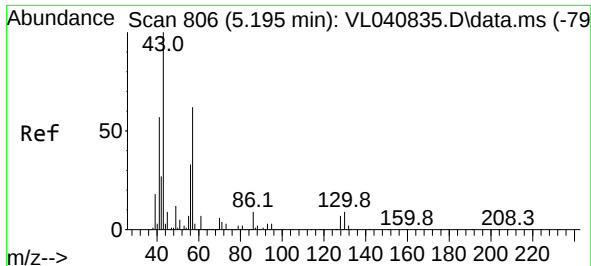
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 20763 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 86 10.7     | 5.5 8.3#    |
| 42 69.2     | 8.2 12.2#   |
| 44 3.8      | 4.1 6.1#    |



#25  
 Ethyl Acetate  
 Concen: 11.859 ppbv  
 RT: 5.237 min Scan# 819  
 Delta R.T. 0.016 min  
 Lab File: VL040893.D  
 Acq: 17 Nov 2023 13:34

|     |         |               |       |
|-----|---------|---------------|-------|
| Tgt | Ion: 43 | Resp: 2362791 |       |
| Ion | Ratio   | Lower         | Upper |
| 43  | 100     |               |       |
| 45  | 0.3     | 8.1           | 12.1# |
| 61  | 0.3     | 7.8           | 11.6# |
| 70  | 1.4     | 5.3           | 7.9#  |

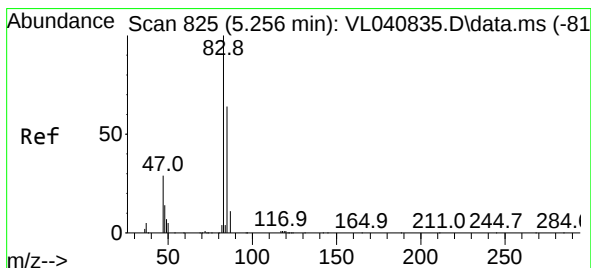
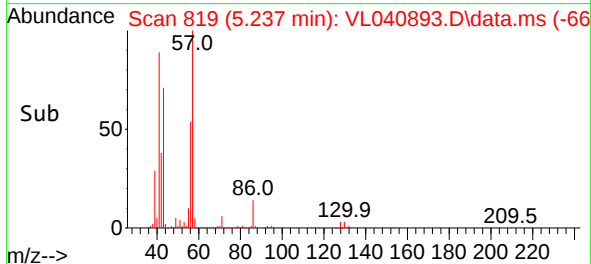
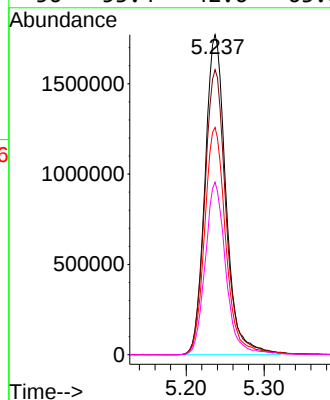
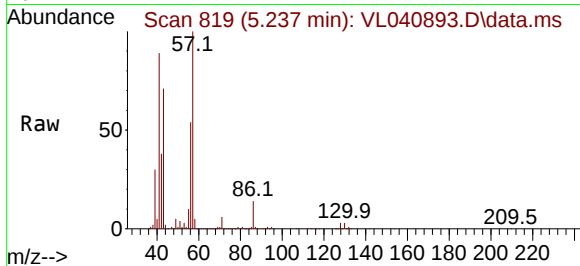




#26  
Hexane  
Concen: 37.424 ppbv  
RT: 5.237 min Scan# 819  
Delta R.T. 0.006 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

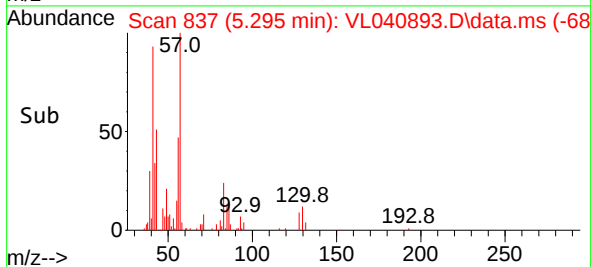
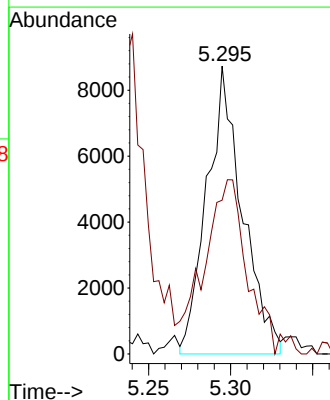
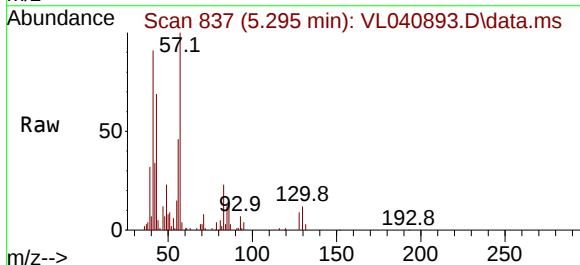
Instrument :  
MSVOA\_L  
ClientSampleId :  
NT-IA-9

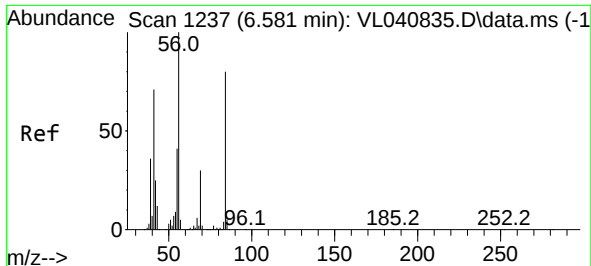
Tgt Ion: 57 Resp: 3300019  
Ion Ratio Lower Upper  
57 100  
41 91.6 75.4 113.0  
43 72.2 185.9 278.9#  
56 53.4 42.6 63.8



#29  
Chloroform  
Concen: 0.088 ppbv  
RT: 5.295 min Scan# 837  
Delta R.T. -0.000 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

Tgt Ion: 83 Resp: 13121  
Ion Ratio Lower Upper  
83 100  
85 47.8 51.4 77.0#

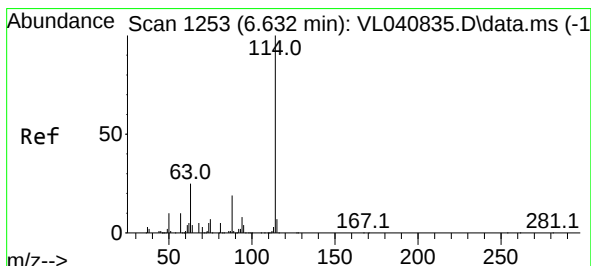
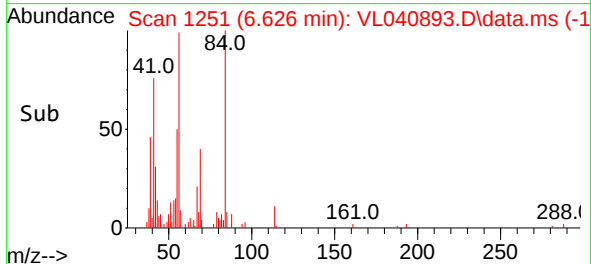
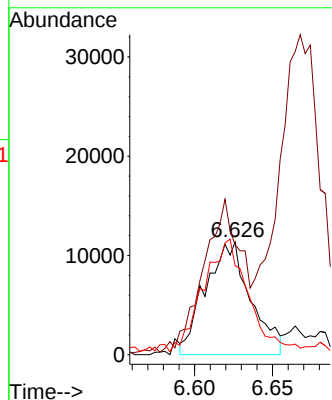
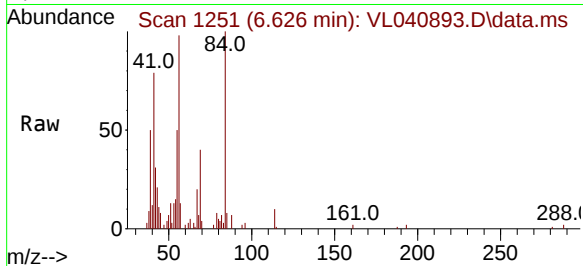




#30  
Cyclohexane  
Concen: 0.301 ppbv  
RT: 6.626 min Scan# 11  
Delta R.T. 0.013 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

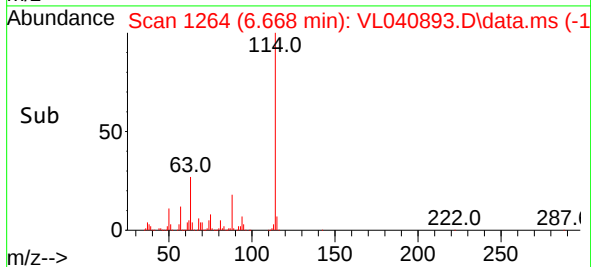
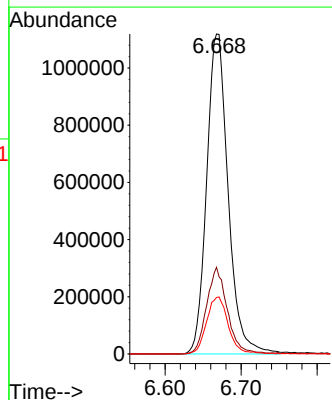
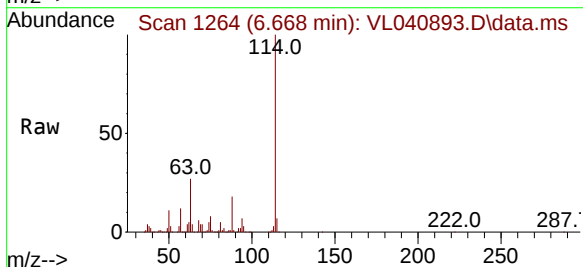
Instrument :  
MSVOA\_L  
ClientSampleId :  
NT-IA-9

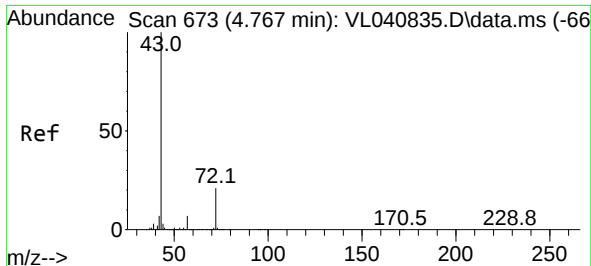
Tgt Ion: 84 Resp: 22854  
Ion Ratio Lower Upper  
84 100  
56 120.5 109.3 163.9  
41 121.1 71.4 107.2#



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 6.668 min Scan# 1264  
Delta R.T. 0.003 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

Tgt Ion: 114 Resp: 2196012  
Ion Ratio Lower Upper  
114 100  
63 26.3 20.9 31.3  
88 18.2 14.3 21.5

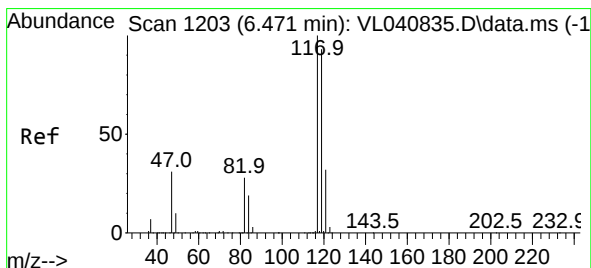
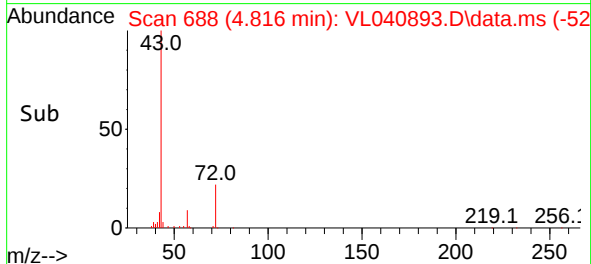
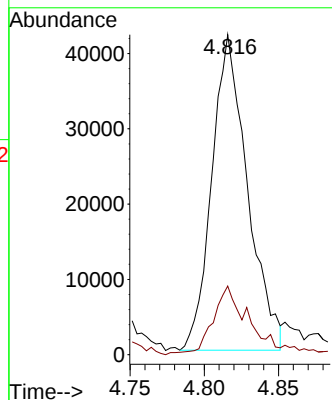
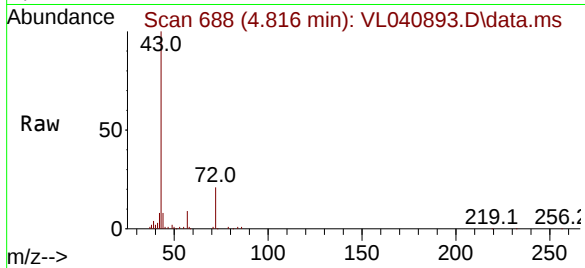




#34  
2-Butanone  
Concen: 0.626 ppbv  
RT: 4.816 min Scan# 61  
Delta R.T. 0.010 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

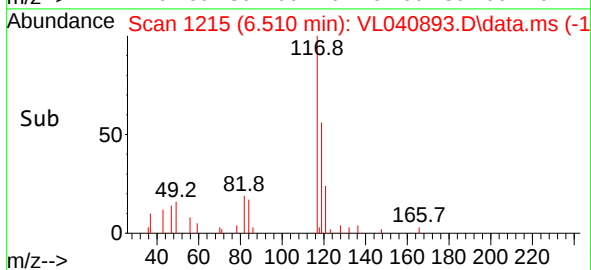
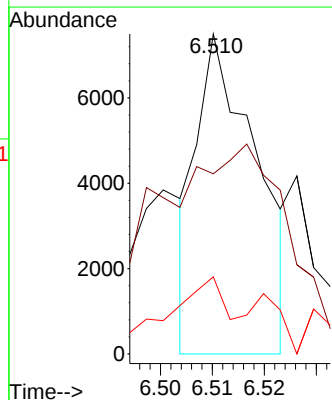
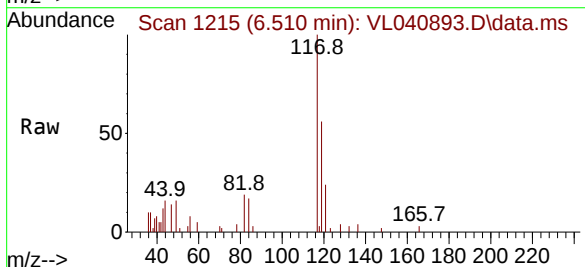
Instrument :  
MSVOA\_L  
ClientSampleId :  
NT-IA-9

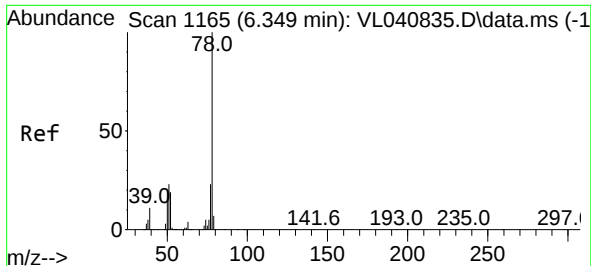
Tgt Ion: 43 Resp: 69990  
Ion Ratio Lower Upper  
43 100  
72 23.3 17.2 25.8



#35  
Carbon Tetrachloride  
Concen: 0.045 ppbv  
RT: 6.510 min Scan# 1215  
Delta R.T. 0.003 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

Tgt Ion: 117 Resp: 6010  
Ion Ratio Lower Upper  
117 100  
119 19.2 74.7 112.1#  
121 19.0 25.5 38.3#

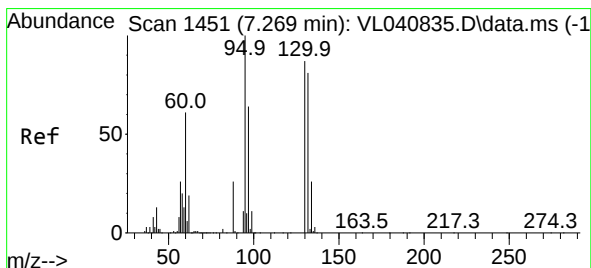
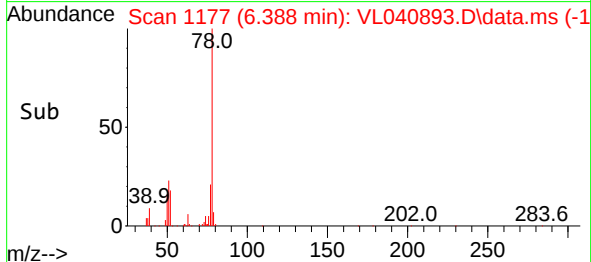
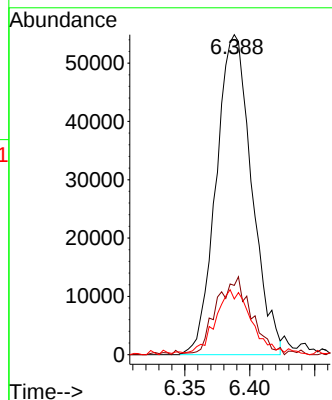
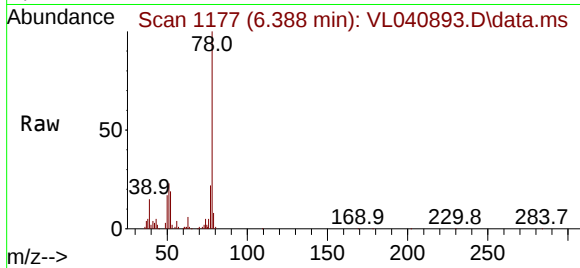




#36  
Benzene  
Concen: 0.587 ppbv  
RT: 6.388 min Scan# 1165  
Delta R.T. 0.003 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

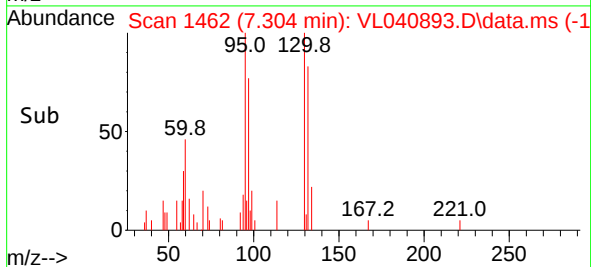
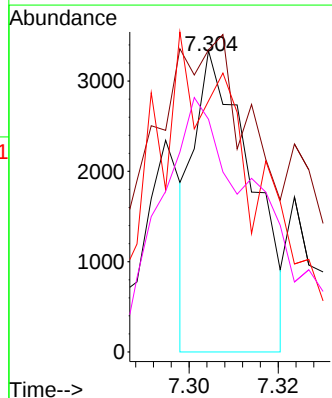
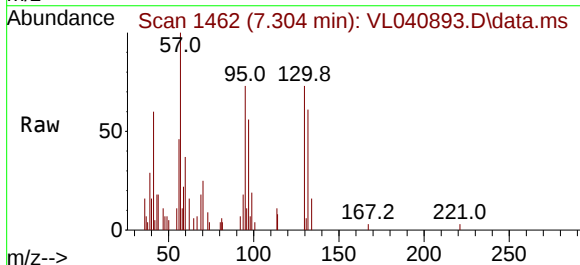
Instrument :  
MSVOA\_L  
ClientSampleId :  
NT-IA-9

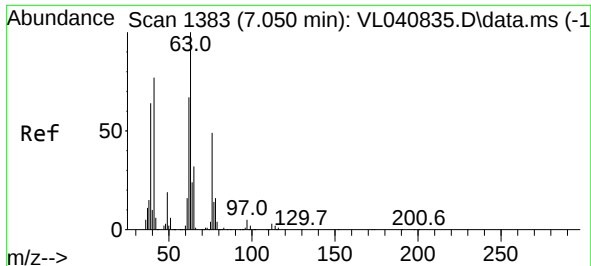
Tgt Ion: 78 Resp: 104591  
Ion Ratio Lower Upper  
78 100  
77 21.6 18.4 27.6  
50 16.1 16.2 24.2#



#38  
Trichloroethene  
Concen: 0.043 ppbv  
RT: 7.304 min Scan# 1462  
Delta R.T. 0.006 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

Tgt Ion: 130 Resp: 2991  
Ion Ratio Lower Upper  
130 100  
95 68.5 92.4 138.6#  
132 46.0 75.1 112.7#  
97 48.4 59.1 88.7#





#39

1,2-Dichloropropane

Concen: 8.087 ppbv

RT: 6.668 min Scan# 11

Delta R.T. -0.415 min

Lab File: VL040893.D

Acq: 17 Nov 2023 13:34

Instrument :

MSVOA\_L

ClientSampleId :

NT-IA-9

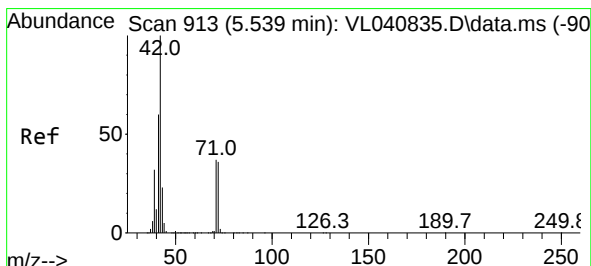
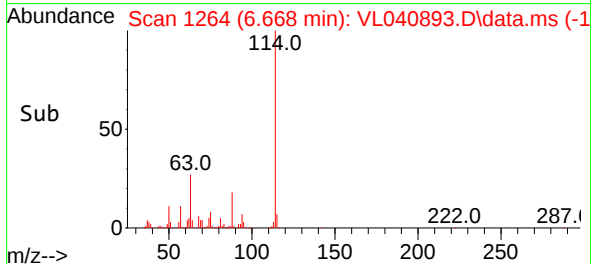
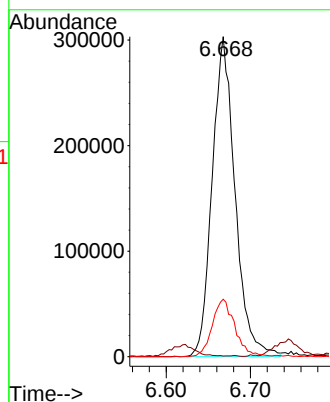
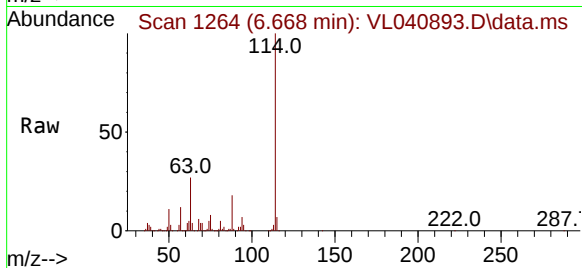
Tgt Ion: 63 Resp: 571496

Ion Ratio Lower Upper

63 100

41 0.0 61.5 92.3#

62 17.9 53.9 80.9#



#41

Tetrahydrofuran

Concen: 0.190 ppbv

RT: 5.835 min Scan# 1005

Delta R.T. 0.260 min

Lab File: VL040893.D

Acq: 17 Nov 2023 13:34

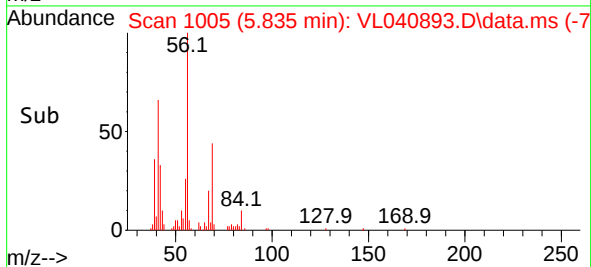
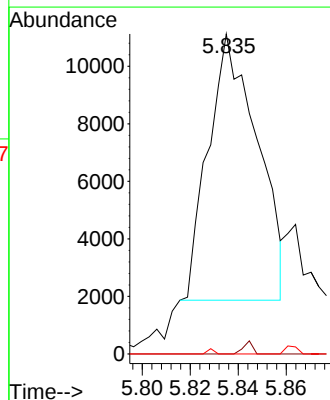
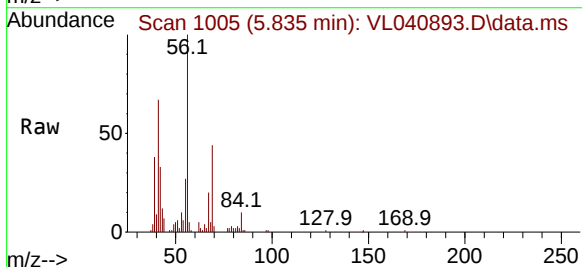
Tgt Ion: 42 Resp: 13112

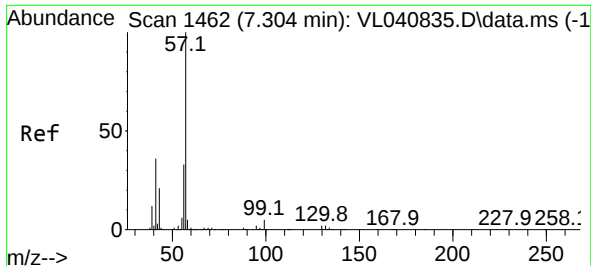
Ion Ratio Lower Upper

42 100

72 0.0 30.8 46.2#

71 0.0 30.0 45.0#

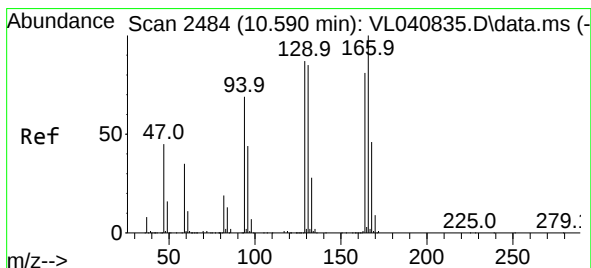
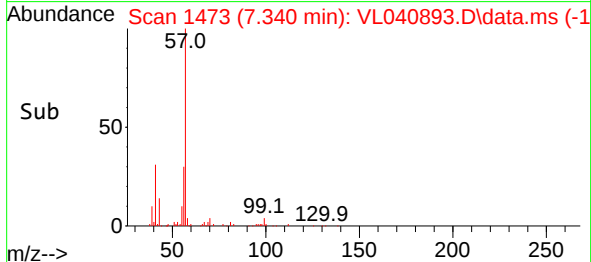
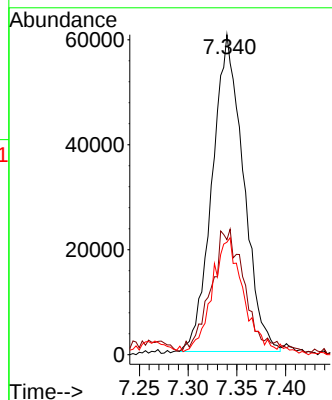
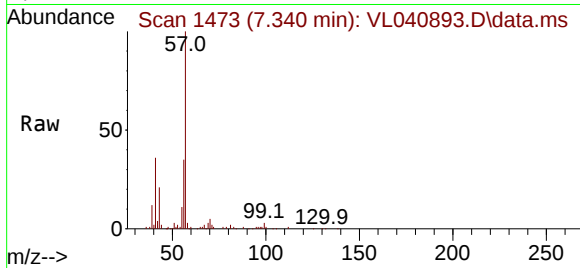




#44  
2,2,4-Trimethylpentane  
Concen: 0.454 ppbv  
RT: 7.340 min Scan# 1462  
Delta R.T. 0.006 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

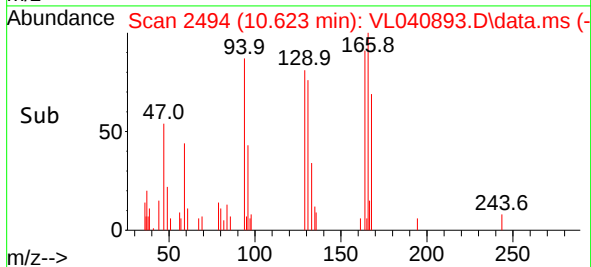
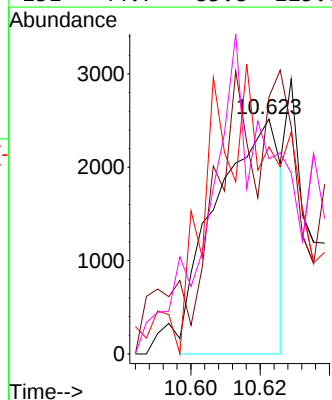
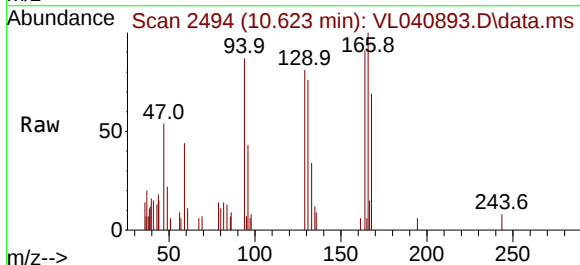
Instrument :  
MSVOA\_L  
ClientSampleId :  
NT-IA-9

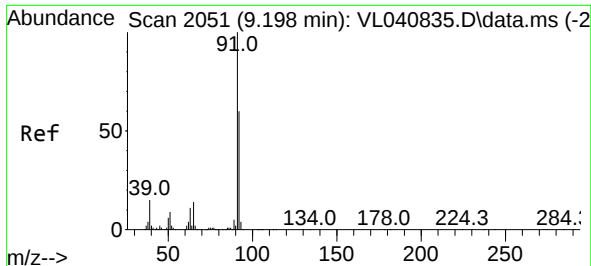
Tgt Ion: 57 Resp: 134409  
Ion Ratio Lower Upper  
57 100  
41 44.3 29.0 43.6#  
56 40.1 25.2 37.8#



#52  
Tetrachloroethene  
Concen: 0.054 ppbv  
RT: 10.623 min Scan# 2494  
Delta R.T. 0.006 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

Tgt Ion:164 Resp: 3222  
Ion Ratio Lower Upper  
164 100  
166 83.7 98.3 147.5#  
129 94.3 85.1 127.7  
131 44.7 83.8 125.6#

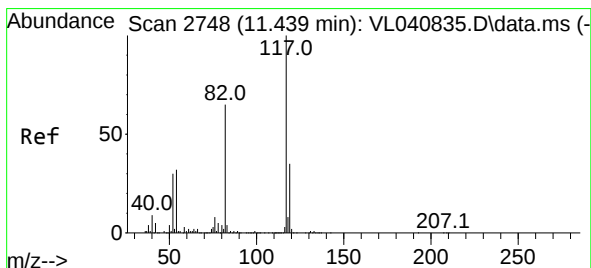
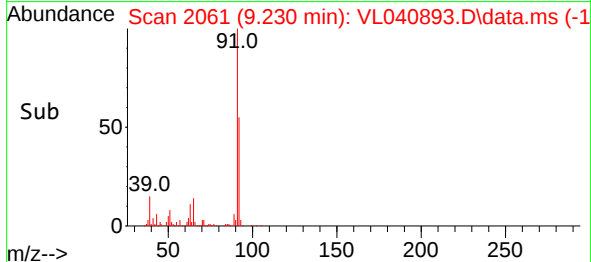
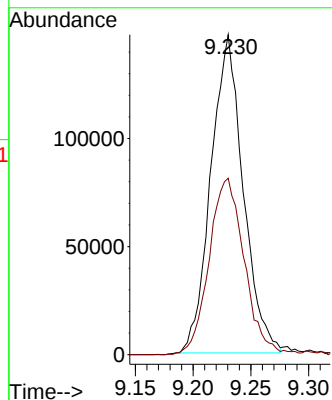
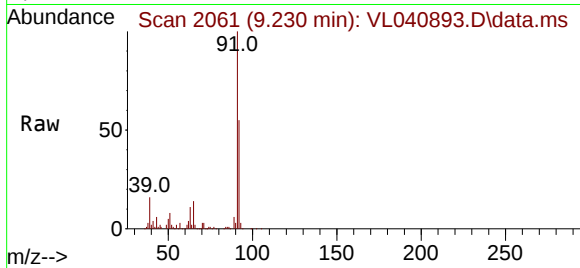




#53  
Toluene  
Concen: 1.459 ppbv  
RT: 9.230 min Scan# 2051  
Delta R.T. 0.006 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

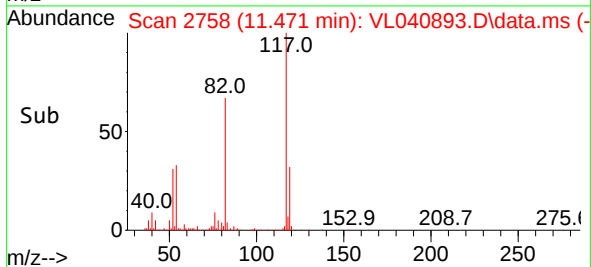
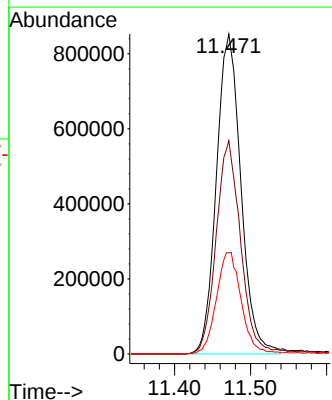
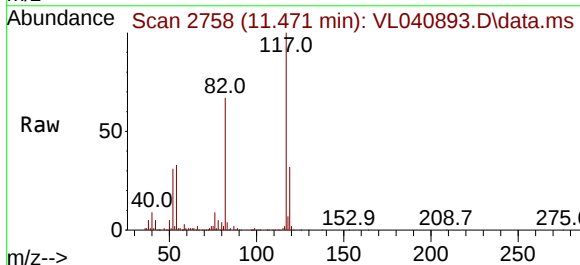
Instrument :  
MSVOA\_L  
ClientSampleId :  
NT-IA-9

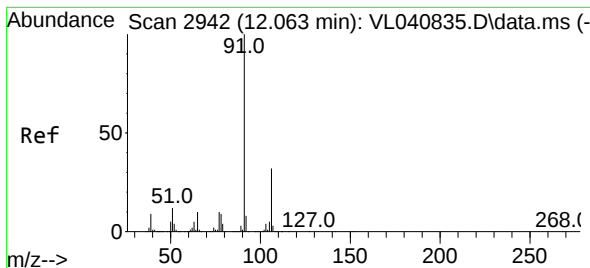
Tgt Ion: 91 Resp: 286068  
Ion Ratio Lower Upper  
91 100  
92 61.0 49.4 74.2



#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 11.471 min Scan# 2758  
Delta R.T. 0.010 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

Tgt Ion: 117 Resp: 1912762  
Ion Ratio Lower Upper  
117 100  
82 67.8 50.6 75.8  
119 32.7 23.3 34.9





#58

Ethyl Benzene

Concen: 0.250 ppbv

RT: 12.092 min Scan# 2942

Delta R.T. 0.006 min

Lab File: VL040893.D

Acq: 17 Nov 2023 13:34

Instrument :

MSVOA\_L

ClientSampleId :

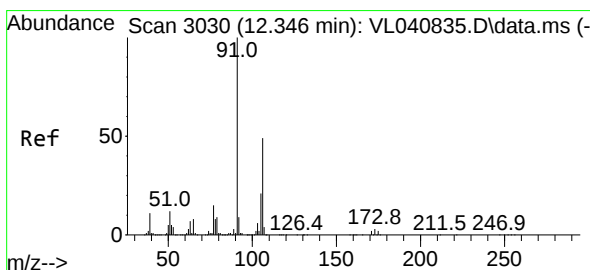
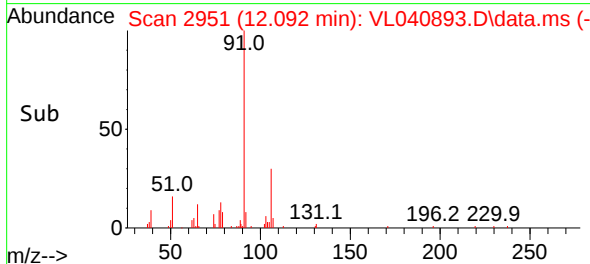
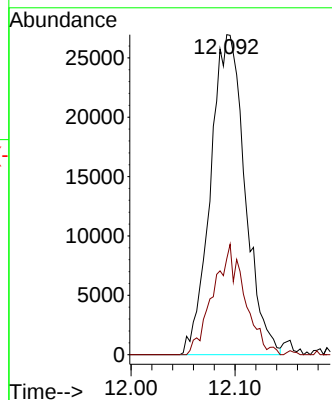
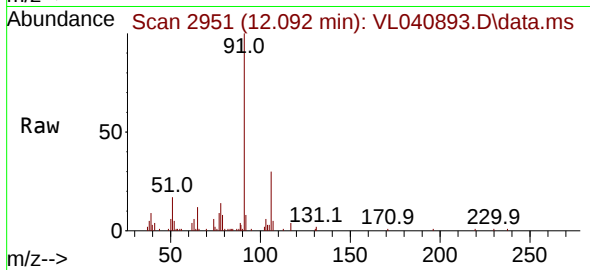
NT-IA-9

Tgt Ion: 91 Resp: 62345

Ion Ratio Lower Upper

91 100

106 29.9 25.2 37.8



#59

m/p-Xylene

Concen: 0.341 ppbv

RT: 12.365 min Scan# 3036

Delta R.T. -0.003 min

Lab File: VL040893.D

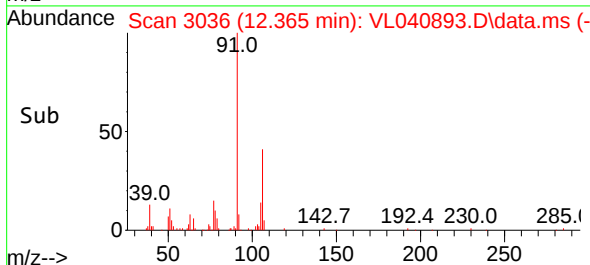
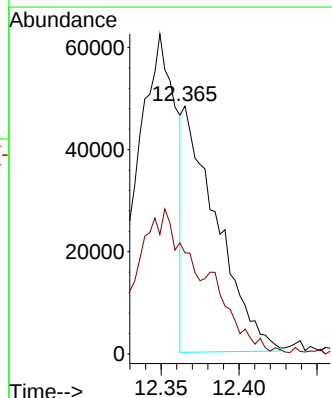
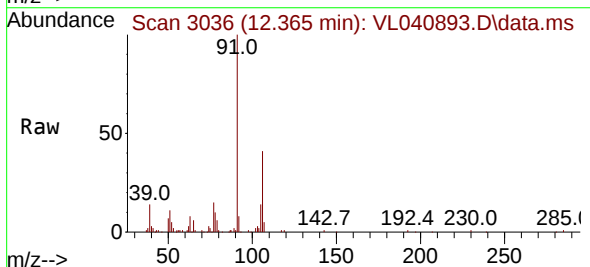
Acq: 17 Nov 2023 13:34

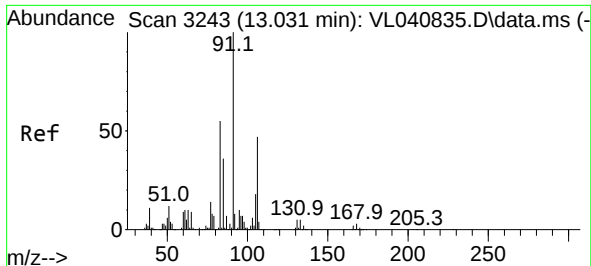
Tgt Ion: 91 Resp: 72473

Ion Ratio Lower Upper

91 100

106 0.0 35.4 53.0#

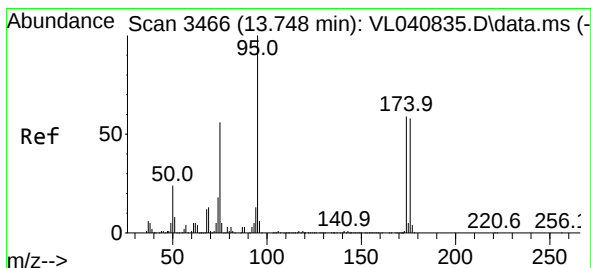
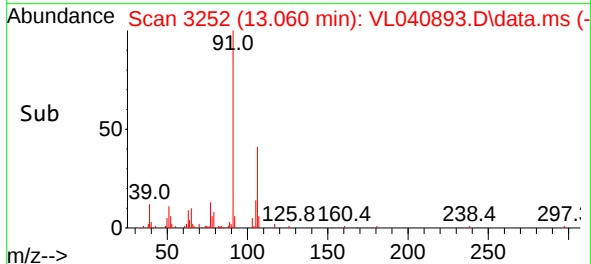
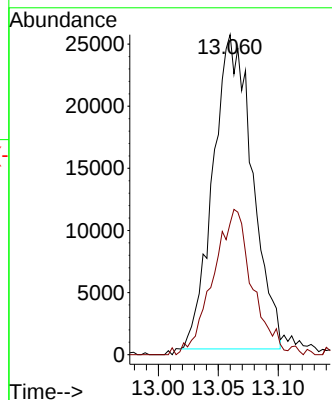
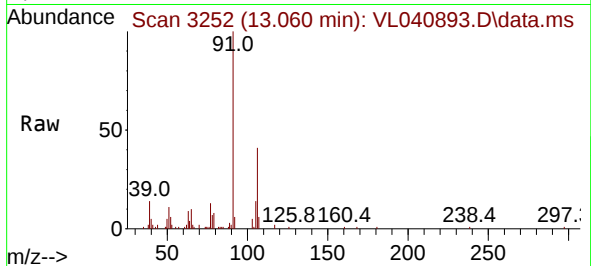




#60  
o-Xylene  
Concen: 0.286 ppbv  
RT: 13.060 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

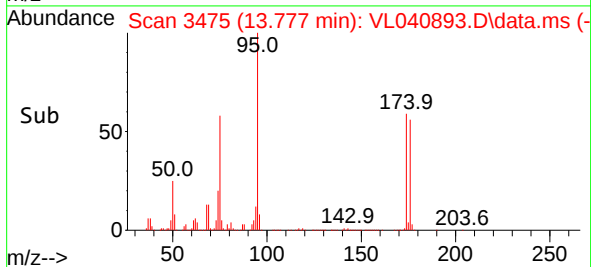
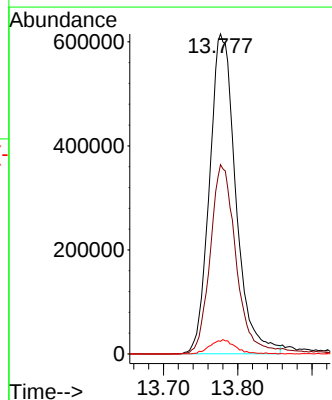
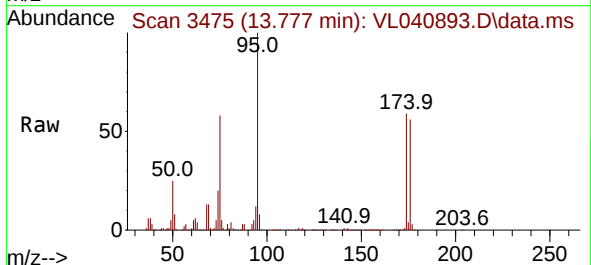
Instrument :  
MSVOA\_L  
ClientSampleId :  
NT-IA-9

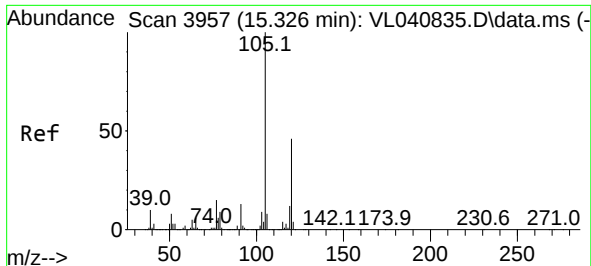
Tgt Ion: 91 Resp: 57809  
Ion Ratio Lower Upper  
91 100  
106 47.0 22.9 68.5



#68  
1-Bromo-4-Fluorobenzene  
Concen: 10.081 ppbv  
RT: 13.777 min Scan# 3475  
Delta R.T. 0.006 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

Tgt Ion: 95 Resp: 1509754  
Ion Ratio Lower Upper  
95 100  
174 59.8 47.5 71.3  
175 4.4 3.6 5.4

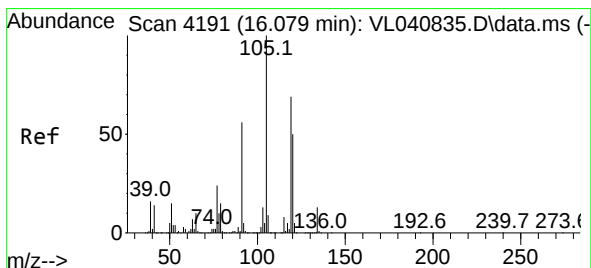
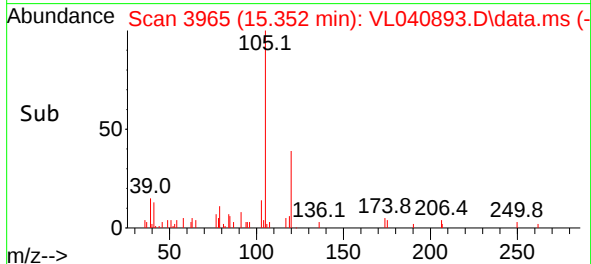
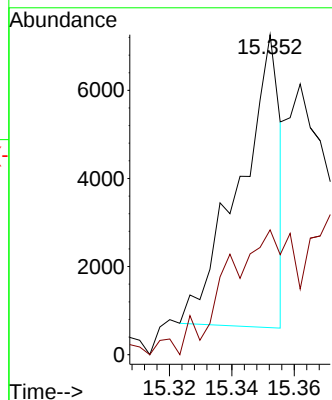
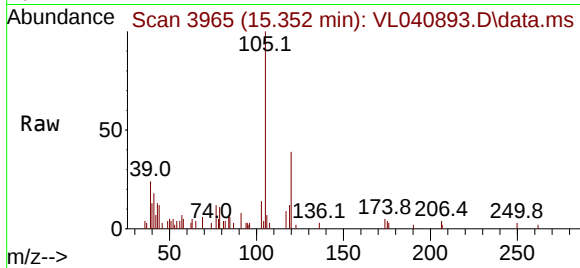




#73  
1,3,5-Trimethylbenzene  
Concen: 0.030 ppbv  
RT: 15.352 min Scan# 3957  
Delta R.T. 0.010 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

Instrument :  
MSVOA\_L  
ClientSampleId :  
NT-IA-9

Tgt Ion:105 Resp: 5985  
Ion Ratio Lower Upper  
105 100  
120 43.3 36.8 55.2



#74  
1,2,4-Trimethylbenzene  
Concen: 0.219 ppbv  
RT: 16.114 min Scan# 4202  
Delta R.T. 0.013 min  
Lab File: VL040893.D  
Acq: 17 Nov 2023 13:34

Tgt Ion:105 Resp: 48104  
Ion Ratio Lower Upper  
105 100  
120 40.2 40.2 60.2  
91 13.4 45.7 68.5#  
77 22.9 19.2 28.8

