

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY110223\  
 Data File : VY016195.D  
 Acq On : 02 Nov 2023 17:08  
 Operator : SY/MD  
 Sample : 05220-07  
 Misc : 3.91g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Nov 03 03:17:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y103123S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 01 03:33:29 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|------------|----------|
| -----                         |        |       |          |           |            |          |
| Internal Standards            |        |       |          |           |            |          |
| 1) Pentafluorobenzene         | 7.807  | 168   | 116407   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.703  | 114   | 201425   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.502 | 117   | 192202   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.434 | 152   | 95223    | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.161  | 65    | 68774    | 63.138    | ug/l       | 0.01     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery  | = 126.280% |          |
| 35) Dibromofluoromethane      | 7.734  | 113   | 57442    | 47.835    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery  | = 95.660%  |          |
| 50) Toluene-d8                | 10.191 | 98    | 241429   | 50.709    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 134 | Recovery  | = 101.420% |          |
| 62) 4-Bromofluorobenzene      | 12.489 | 95    | 88343    | 54.264    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 30 - 143 | Recovery  | = 108.520% |          |
| Target Compounds              |        |       |          |           |            |          |
|                               |        |       |          |           | Qvalue     |          |
| 11) Tert butyl alcohol        | 4.985  | 59    | 390      | 4.792     | ug/l #     | 89       |
| 13) Acrolein                  | 3.747  | 56    | 155      | Below Cal | #          | 47       |
| 16) Acetone                   | 3.960  | 43    | 6957     | 22.660    | ug/l       | 95       |
| 17) Carbon Disulfide          | 4.210  | 76    | 2749     | 1.195     | ug/l       | 97       |
| 20) Methylene Chloride        | 4.735  | 84    | 12437    | 8.711     | ug/l #     | 84       |
| 25) 2-Butanone                | 7.015  | 43    | 1661     | 5.527     | ug/l #     | 88       |
| 29) Tetrahydrofuran           | 7.368  | 42    | 2581     | 13.701    | ug/l #     | 86       |
| 31) Cyclohexane               | 7.807  | 56    | 2696     | 1.610     | ug/l #     | 18       |
| 36) 1,1-Dichloropropene       | 7.801  | 75    | 8438     | 4.866     | ug/l #     | 51       |
| 37) Ethyl Acetate             | 7.015  | 43    | 1661     | 2.151     | ug/l #     | 71       |
| 38) Carbon Tetrachloride      | 7.807  | 117   | 11116    | 6.471     | ug/l #     | 16       |
| 40) Benzene                   | 8.179  | 78    | 25499    | 5.122     | ug/l       | 99       |
| 41) Methacrylonitrile         | 7.380  | 41    | 1548     | 3.453     | ug/l #     | 41       |
| 42) 1,2-Dichloroethane        | 8.264  | 62    | 2190     | 1.576     | ug/l #     | 78       |
| 52) Toluene                   | 10.252 | 92    | 7965     | 2.469     | ug/l       | 99       |
| 59) 2-Hexanone                | 10.813 | 43    | 1044     | 1.999     | ug/l #     | 27       |
| 67) Ethyl Benzene             | 11.605 | 91    | 212850   | 31.164    | ug/l       | 98       |
| 68) m/p-Xylenes               | 11.715 | 106   | 15978    | 6.054     | ug/l       | 93       |
| 69) o-Xylene                  | 12.038 | 106   | 57250    | 22.719    | ug/l       | 96       |
| 70) Styrene                   | 12.044 | 104   | 7036     | 1.680     | ug/l #     | 1        |
| 73) Isopropylbenzene          | 12.337 | 105   | 67657    | 9.472     | ug/l       | 100      |
| 76) 1,2,3-Trichloropropane    | 12.489 | 75    | 46616    | 51.985    | ug/l #     | 100      |
| 77) Bromobenzene              | 12.422 | 156   | 10998    | 6.800     | ug/l #     | 1        |
| 78) n-propylbenzene           | 12.678 | 91    | 75041    | 8.886     | ug/l       | 99       |
| 79) 2-Chlorotoluene           | 12.776 | 91    | 11831    | 2.512     | ug/l #     | 40       |
| 80) 1,3,5-Trimethylbenzene    | 12.819 | 105   | 55925    | 9.664     | ug/l       | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.489 | 75    | 46616    | 112.715   | ug/l #     | 11       |
| 82) 4-Chlorotoluene           | 12.819 | 91    | 6261     | 1.295     | ug/l #     | 40       |
| 83) tert-Butylbenzene         | 13.129 | 119   | 17932    | 3.463     | ug/l #     | 64       |
| 84) 1,2,4-Trimethylbenzene    | 13.129 | 105   | 136174   | 23.781    | ug/l       | 96       |
| 85) sec-Butylbenzene          | 13.129 | 105   | 135997   | 17.895    | ug/l #     | 56       |
| 86) p-Isopropyltoluene        | 13.379 | 119   | 29448    | 4.675     | ug/l       | 92       |
| 90) Hexachloroethane          | 13.977 | 117   | 23393    | 21.552    | ug/l #     | 8        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.343 | 75    | 983      | 4.832     | ug/l #     | 3        |
| 95) Naphthalene               | 15.245 | 128   | 791269   | 238.771   | ug/l       | 98       |
| -----                         |        |       |          |           |            |          |

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Acq On : 02 Nov 2023 17:08  
Operator : SY/MD  
Sample : 05220-07  
Misc : 3.91g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Nov 03 03:17:33 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y103123S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 01 03:33:29 2023  
Response via : Initial Calibration

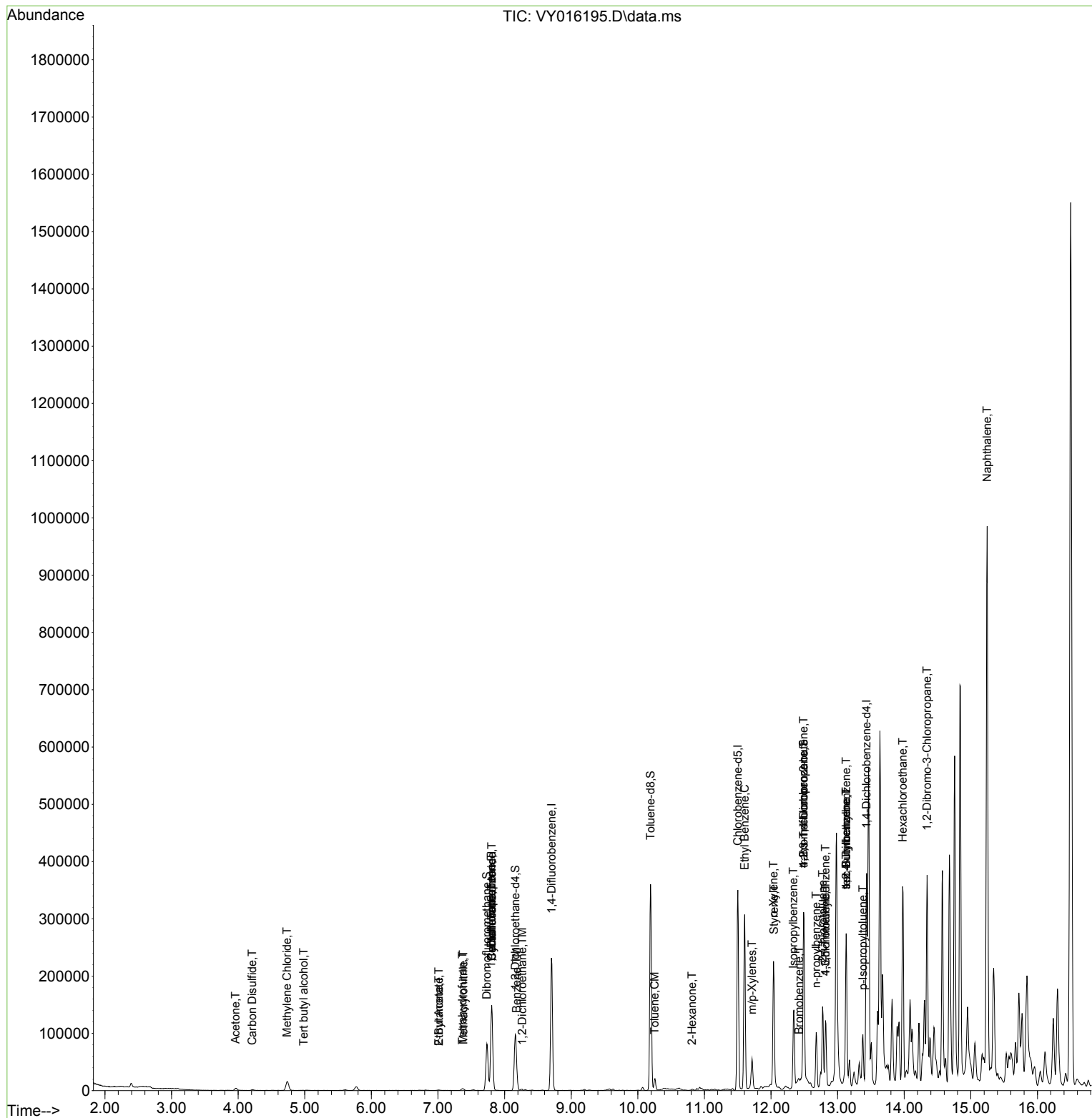
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

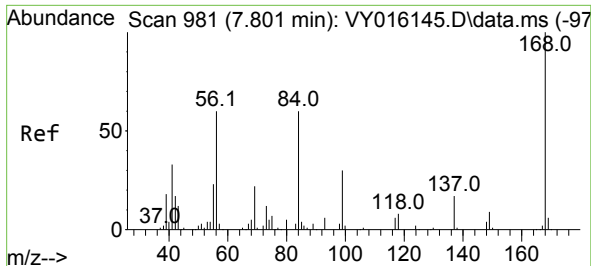
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY110223\  
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MSVOA\_Y  
ClientSampleId :

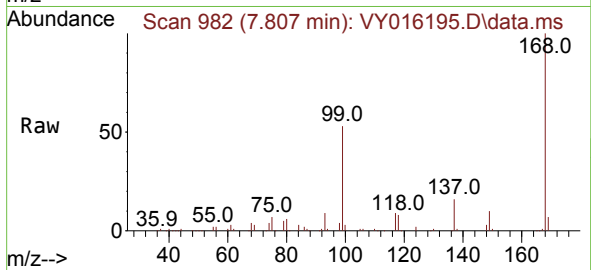
Quant Time: Nov 03 03:17:33 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y103123S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 01 03:33:29 2023  
Response via : Initial Calibration



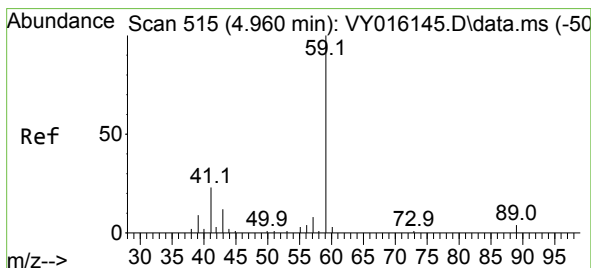
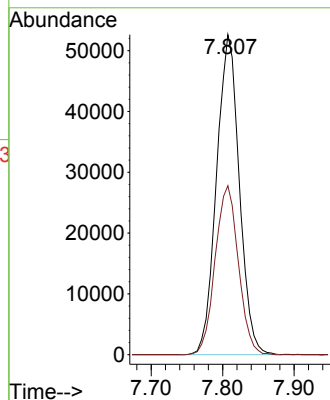
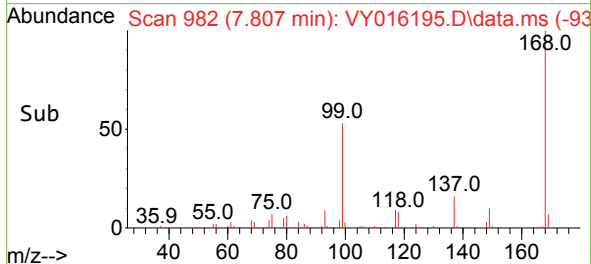


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.807 min Scan# 981  
Delta R.T. 0.006 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

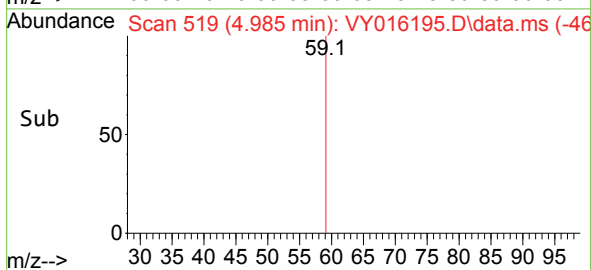
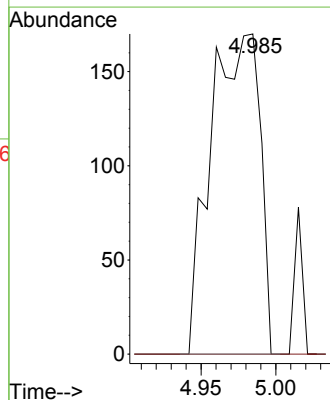
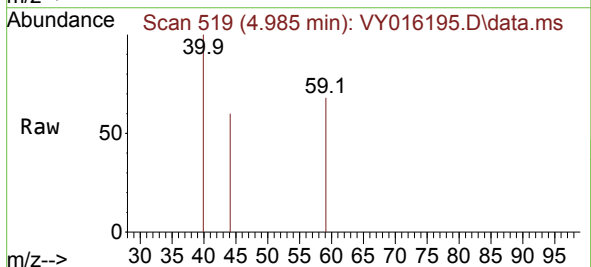


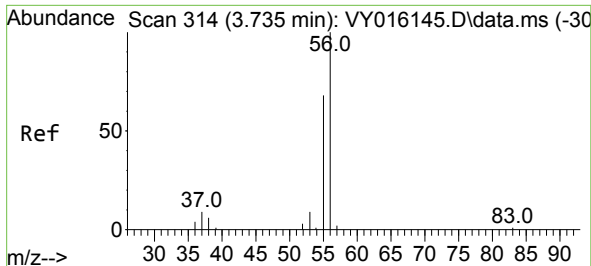
Tgt Ion:168 Resp: 116407  
Ion Ratio Lower Upper  
168 100  
99 52.8 43.4 65.0



#11  
Tert butyl alcohol  
Concen: 4.792 ug/l  
RT: 4.985 min Scan# 519  
Delta R.T. 0.024 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

Tgt Ion: 59 Resp: 390  
Ion Ratio Lower Upper  
59 100  
57 0.0 3.0 4.4#





#13

Acrolein

Concen: Below Cal

RT: 3.747 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY016195.D

Acq: 02 Nov 2023 17:08

Instrument :

MSVOA\_Y

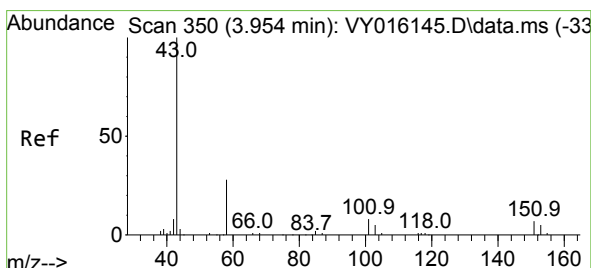
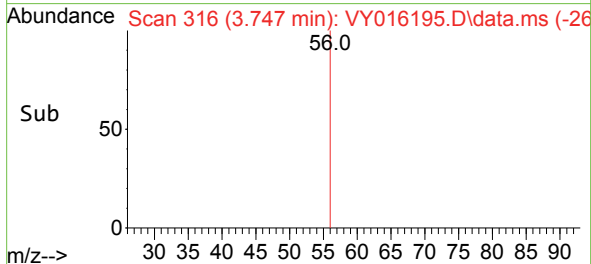
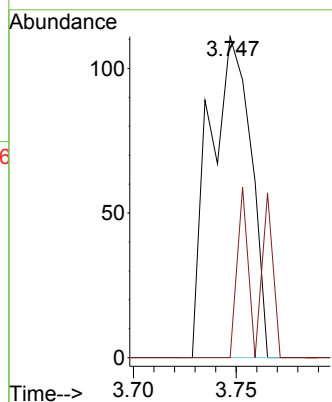
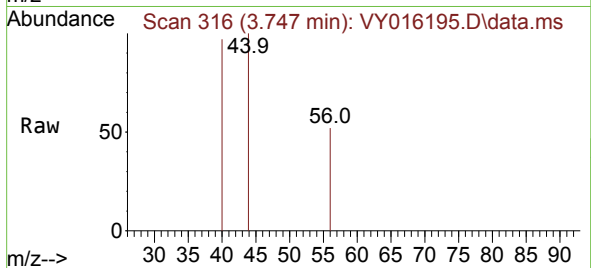
ClientSampleId :

Tgt Ion: 56 Resp: 155

Ion Ratio Lower Upper

56 100

55 27.1 57.0 85.4#



#16

Acetone

Concen: 22.660 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY016195.D

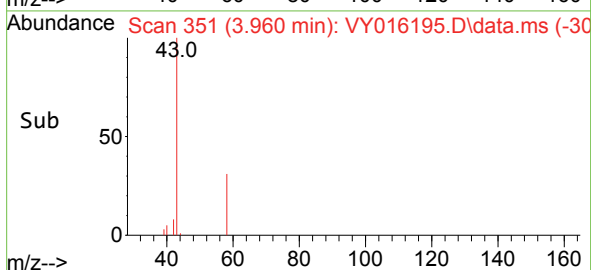
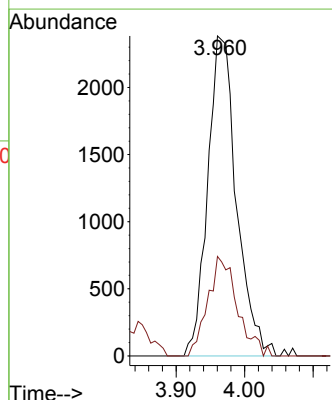
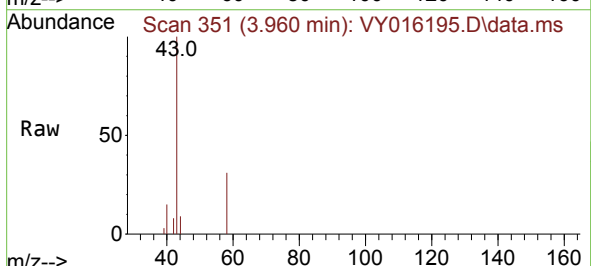
Acq: 02 Nov 2023 17:08

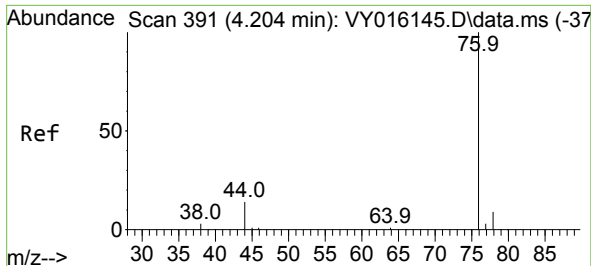
Tgt Ion: 43 Resp: 6957

Ion Ratio Lower Upper

43 100

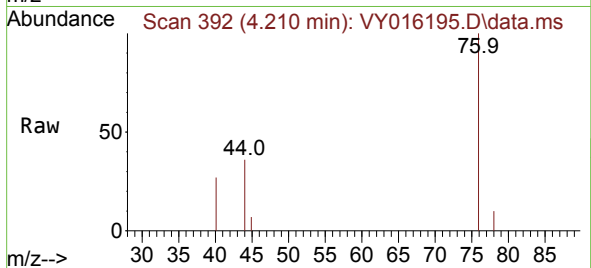
58 31.1 22.7 34.1



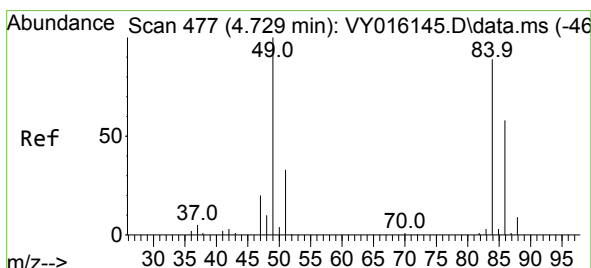
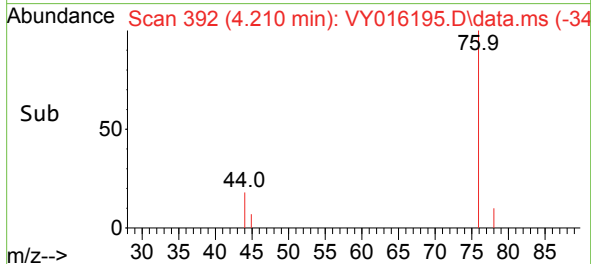
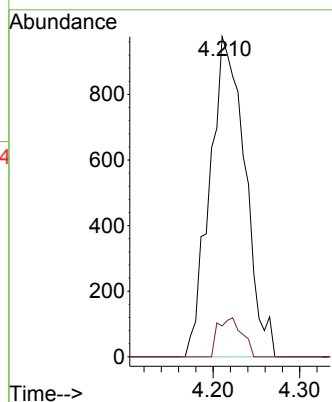


#17  
Carbon Disulfide  
Concen: 1.195 ug/l  
RT: 4.210 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

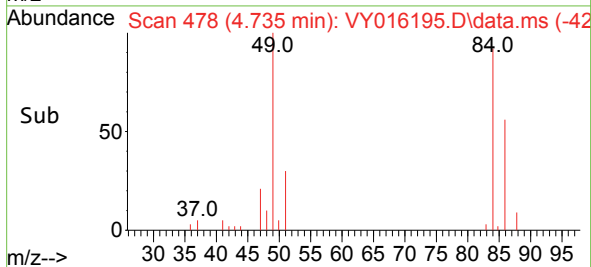
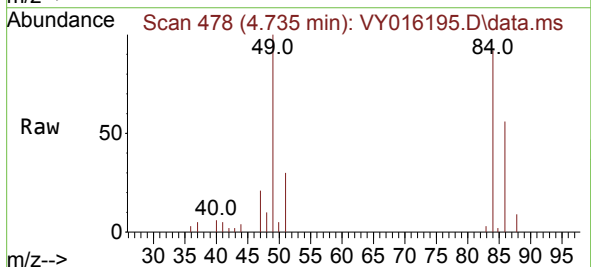
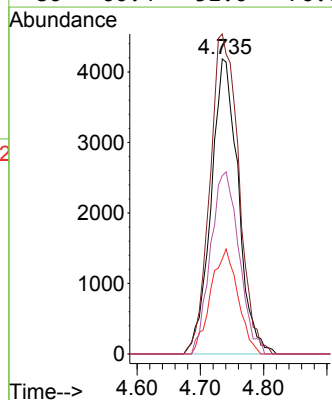


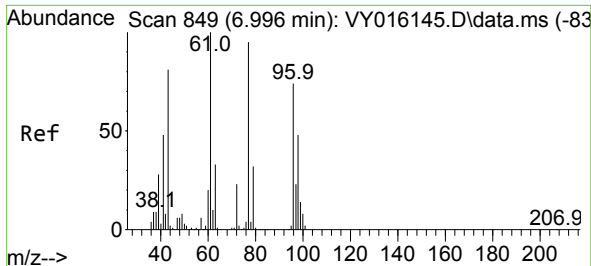
Tgt Ion: 76 Resp: 2749  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.0 10.4



#20  
Methylene Chloride  
Concen: 8.711 ug/l  
RT: 4.735 min Scan# 478  
Delta R.T. 0.006 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

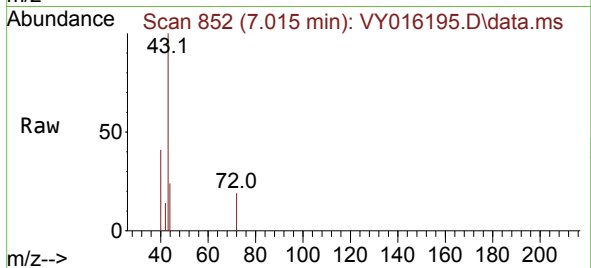
Tgt Ion: 84 Resp: 12437  
Ion Ratio Lower Upper  
84 100  
49 108.5 106.9 160.3  
51 32.2 33.2 49.8#  
86 60.4 51.0 76.6



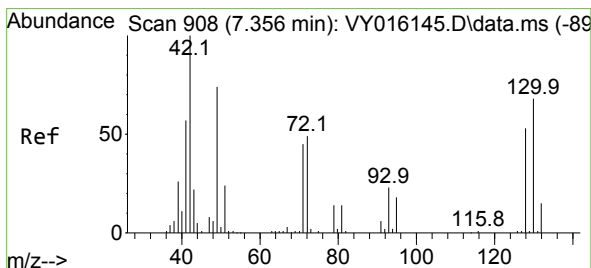
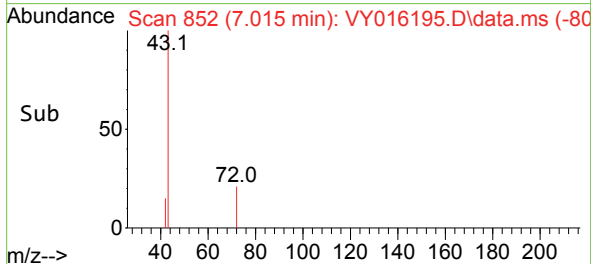
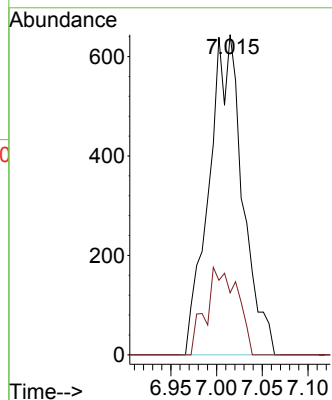


#25  
2-Butanone  
Concen: 5.527 ug/l  
RT: 7.015 min Scan# 81  
Delta R.T. 0.018 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

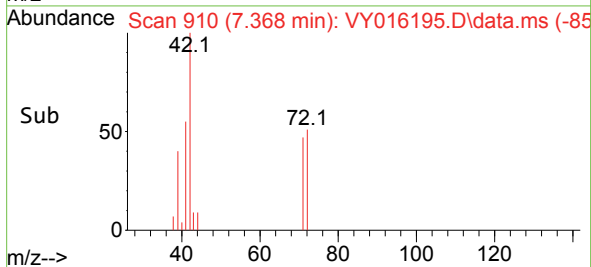
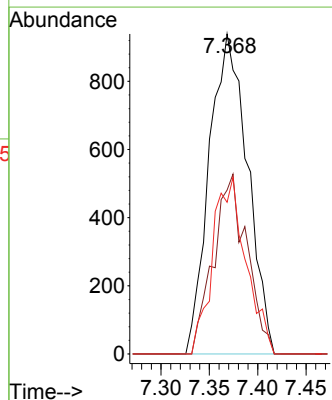
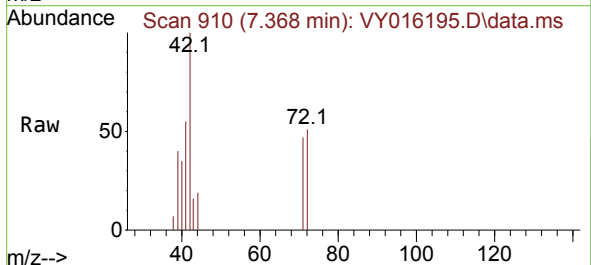


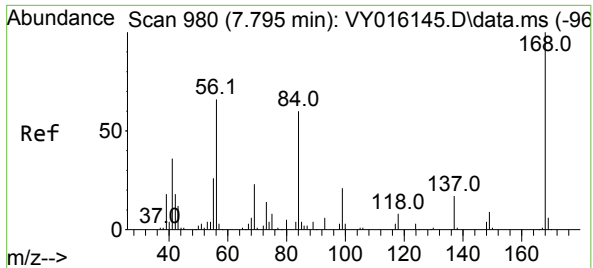
Tgt Ion: 43 Resp: 1661  
Ion Ratio Lower Upper  
43 100  
72 19.4 20.5 30.7#



#29  
Tetrahydrofuran  
Concen: 13.701 ug/l  
RT: 7.368 min Scan# 910  
Delta R.T. 0.012 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

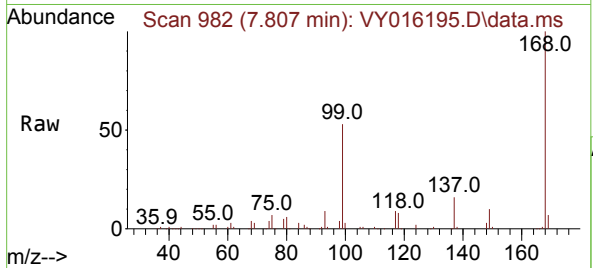
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Ion Ratio Lower Upper  
42 100  
72 49.4 32.8 49.2#  
71 48.1 31.0 46.4#



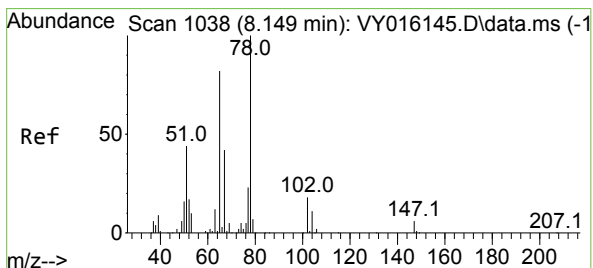
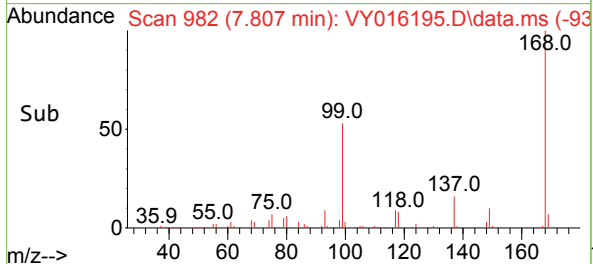
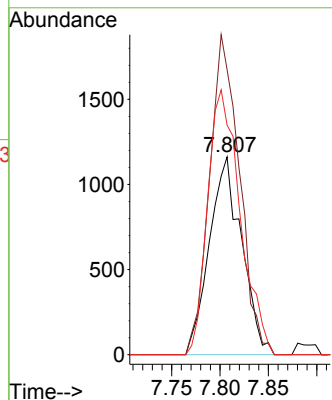


#31  
Cyclohexane  
Concen: 1.610 ug/l  
RT: 7.807 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

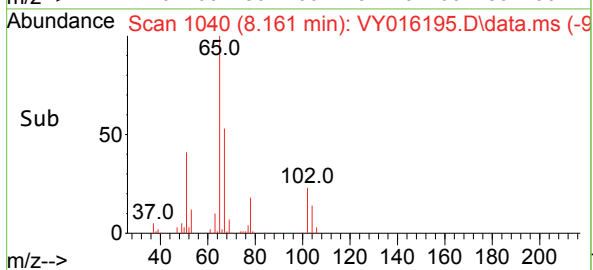
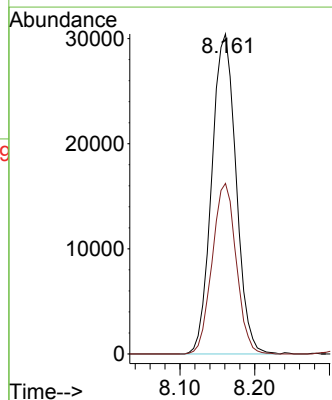
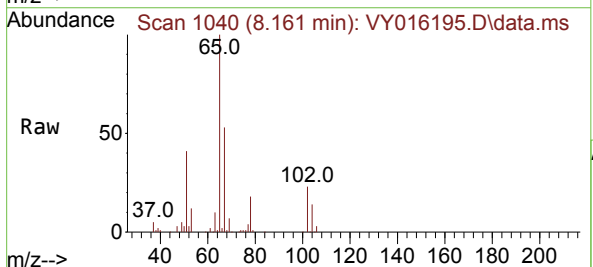


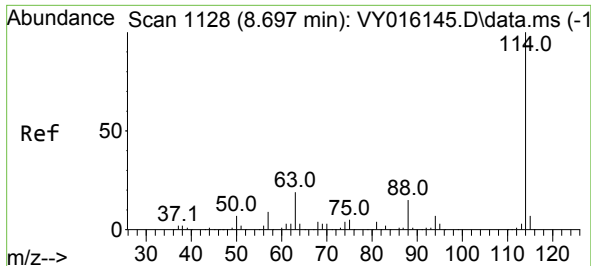
Tgt Ion: 56 Resp: 2696  
Ion Ratio Lower Upper  
56 100  
69 144.1 27.8 41.6#  
84 116.1 66.4 99.6#



#33  
1,2-Dichloroethane-d4  
Concen: 63.138 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. 0.012 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

Tgt Ion: 65 Resp: 68774  
Ion Ratio Lower Upper  
65 100  
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016195.D

Acq: 02 Nov 2023 17:08

Instrument :

MSVOA\_Y

ClientSampleId :

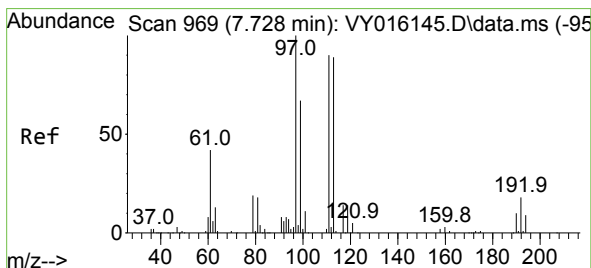
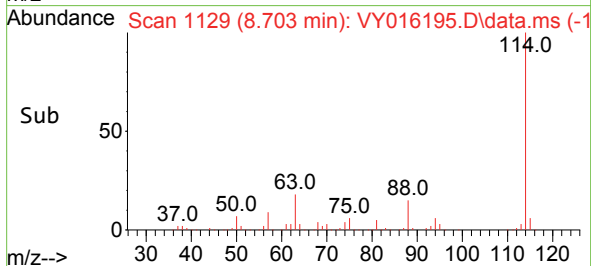
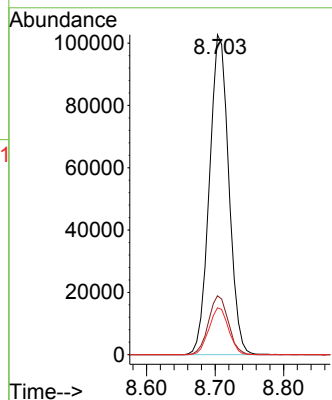
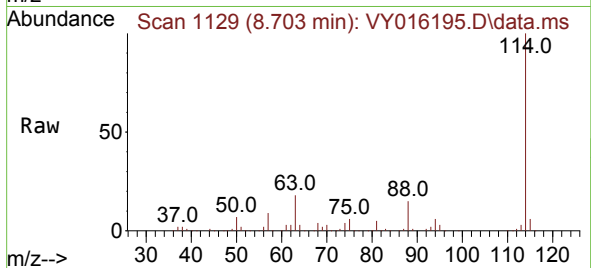
Tgt Ion:114 Resp: 201425

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.835 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016195.D

Acq: 02 Nov 2023 17:08

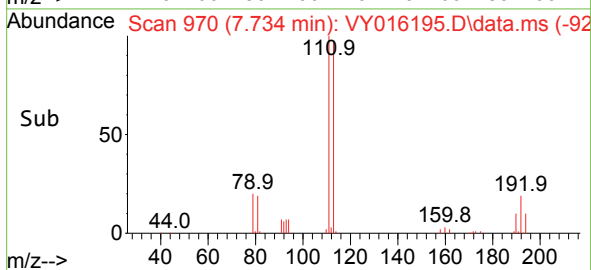
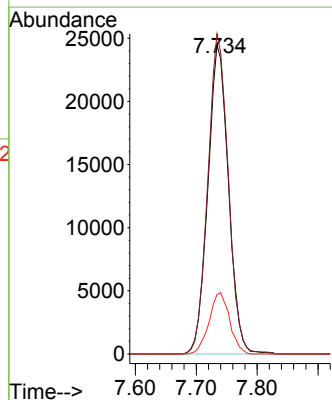
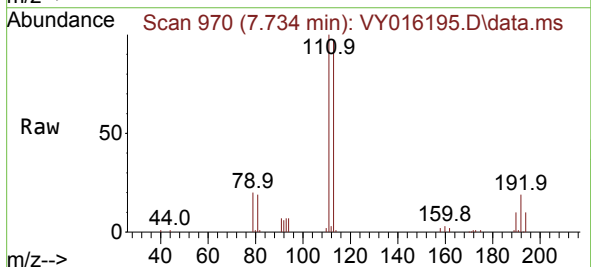
Tgt Ion:113 Resp: 57442

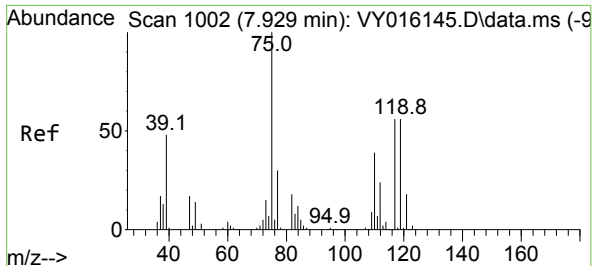
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

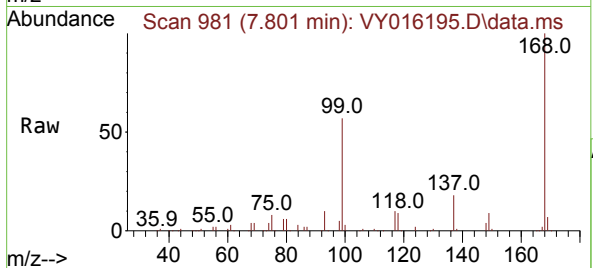
192 19.8 16.9 25.3



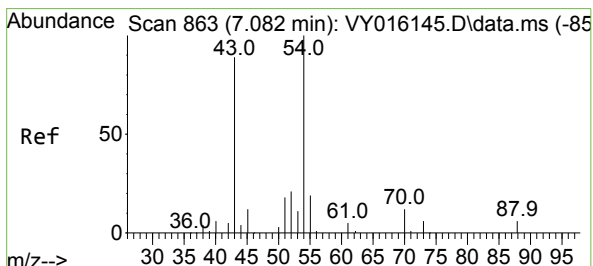
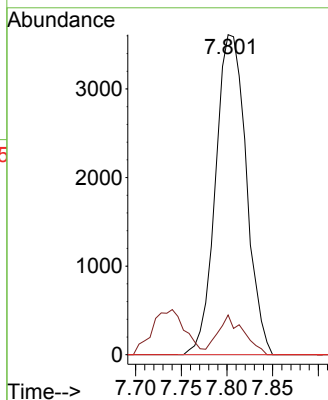
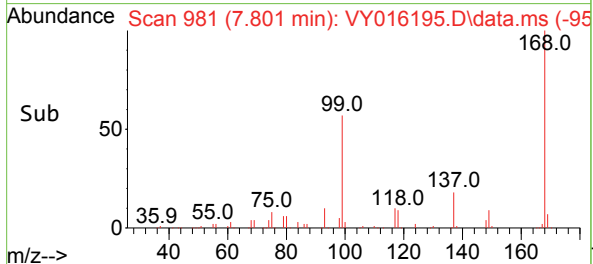


#36  
1,1-Dichloropropene  
Concen: 4.866 ug/l  
RT: 7.801 min Scan# 91  
Delta R.T. -0.128 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

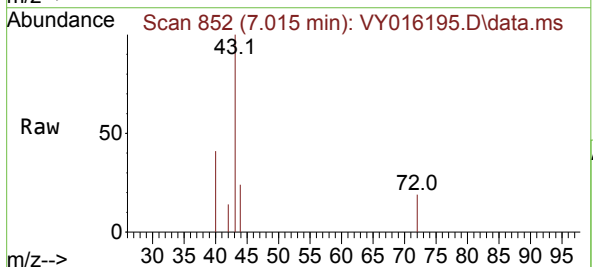
Instrument :  
MSVOA\_Y  
ClientSampleId :



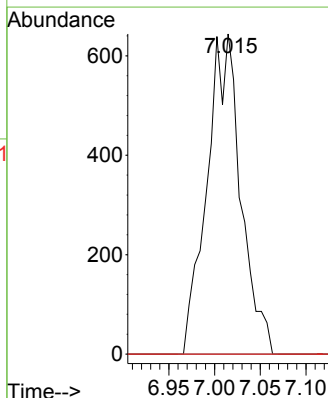
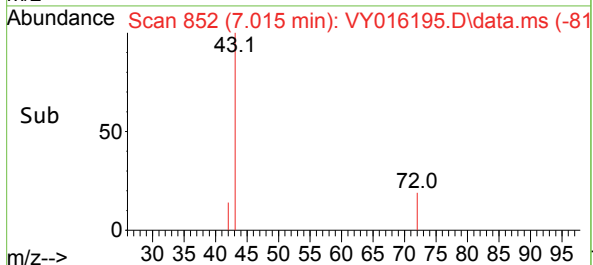
Tgt Ion: 75 Resp: 8438  
Ion Ratio Lower Upper  
75 100  
110 10.3 17.8 53.5#  
77 0.0 24.4 36.6#

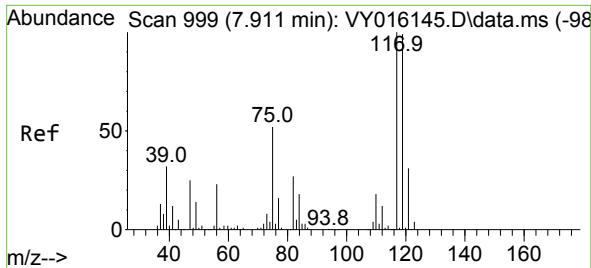


#37  
Ethyl Acetate  
Concen: 2.151 ug/l  
RT: 7.015 min Scan# 852  
Delta R.T. -0.067 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08



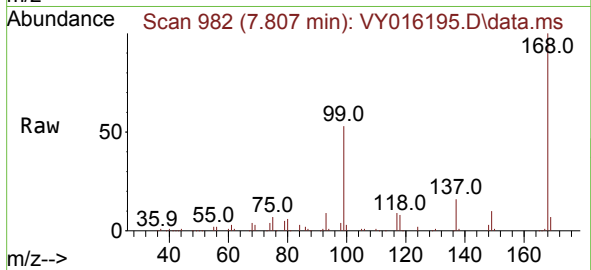
Tgt Ion: 43 Resp: 1661  
Ion Ratio Lower Upper  
43 100  
61 0.0 10.1 15.1#  
70 0.0 7.1 10.7#



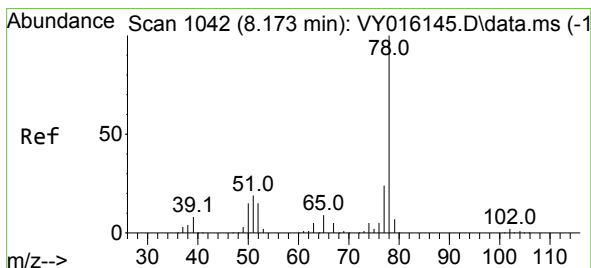
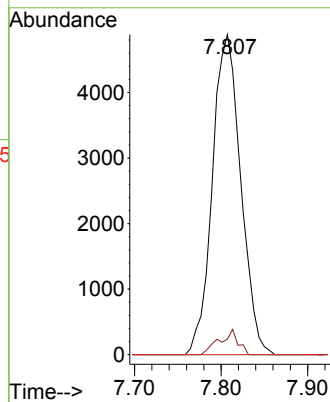
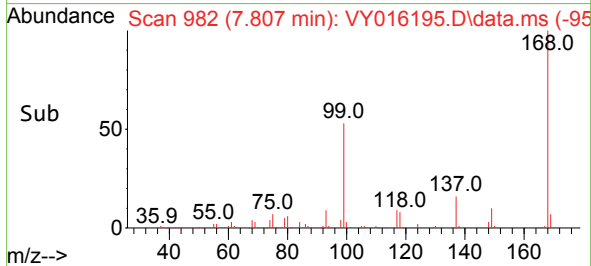


#38  
Carbon Tetrachloride  
Concen: 6.471 ug/l  
RT: 7.807 min Scan# 911  
Delta R.T. -0.104 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

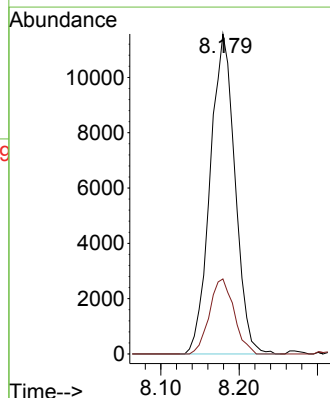
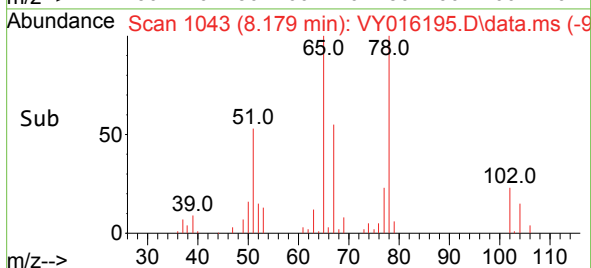
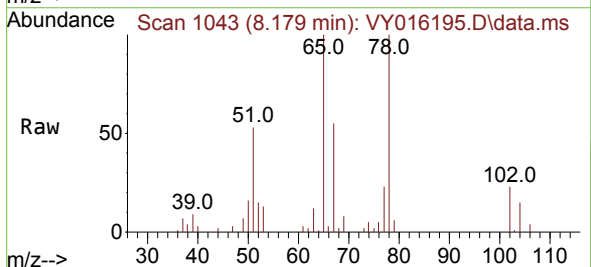


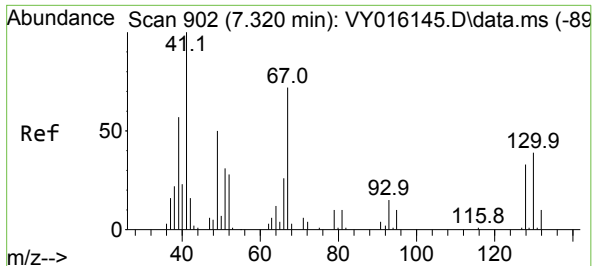
Tgt Ion:117 Resp: 11116  
Ion Ratio Lower Upper  
117 100  
119 4.8 76.4 114.6#  
121 0.0 25.8 38.6#



#40  
Benzene  
Concen: 5.122 ug/l  
RT: 8.179 min Scan# 1043  
Delta R.T. 0.006 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

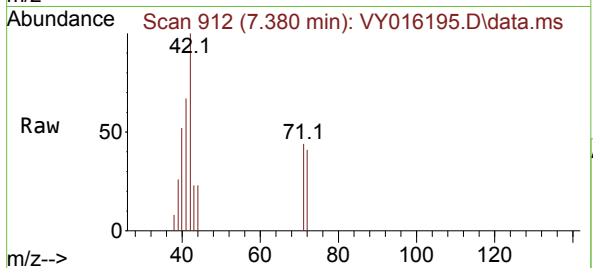
Tgt Ion: 78 Resp: 25499  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.0 28.6



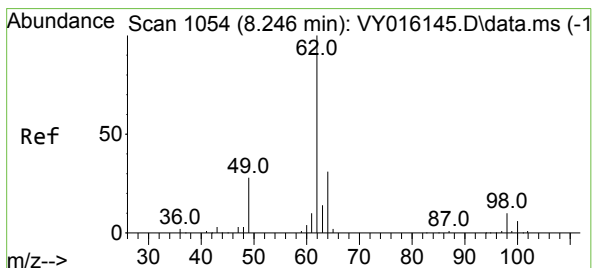
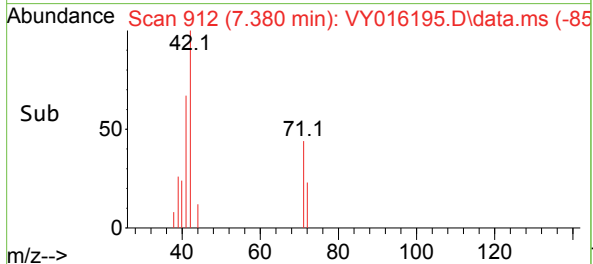
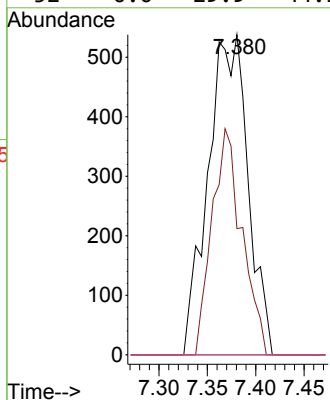


#41  
Methacrylonitrile  
Concen: 3.453 ug/l  
RT: 7.380 min Scan# 91  
Delta R.T. 0.061 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

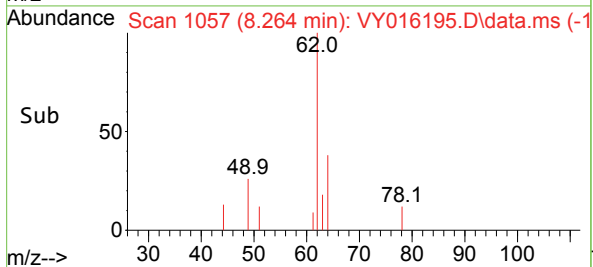
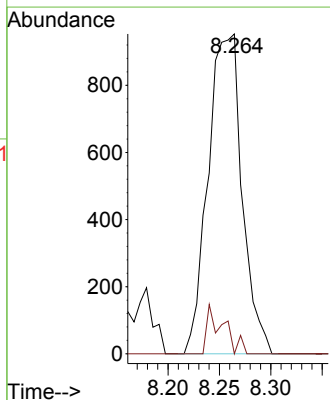
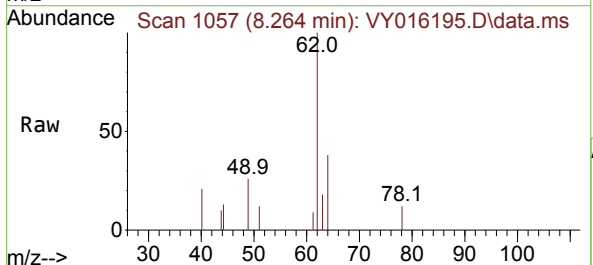


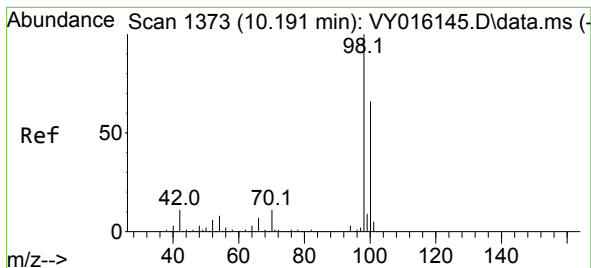
Tgt Ion: 41 Resp: 1548  
Ion Ratio Lower Upper  
41 100  
39 52.8 52.1 78.1  
67 0.0 66.2 99.2#  
52 0.0 29.9 44.9#



#42  
1,2-Dichloroethane  
Concen: 1.576 ug/l  
RT: 8.264 min Scan# 1057  
Delta R.T. 0.018 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

Tgt Ion: 62 Resp: 2190  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 15.8

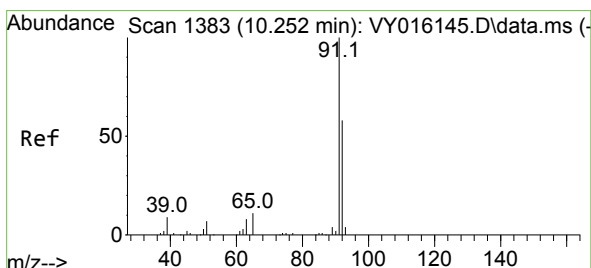
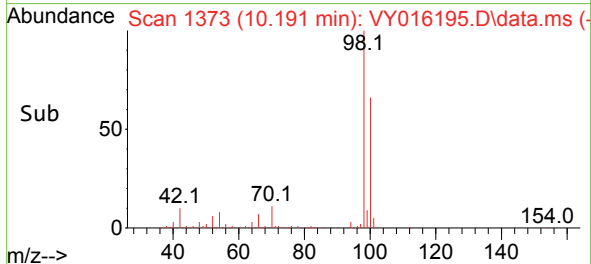
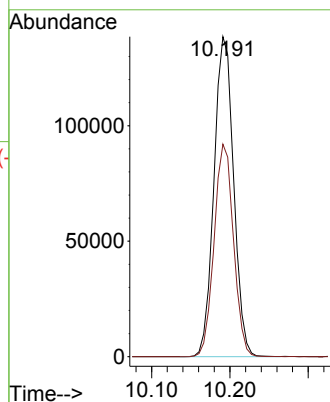
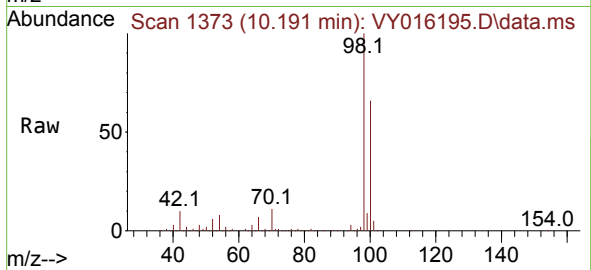




#50  
Toluene-d8  
Concen: 50.709 ug/l  
RT: 10.191 min Scan# 1373  
Delta R.T. 0.000 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

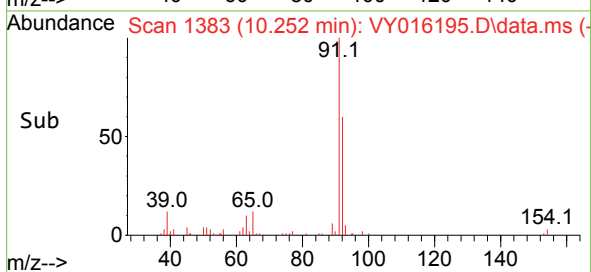
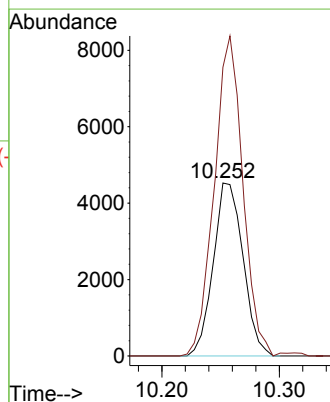
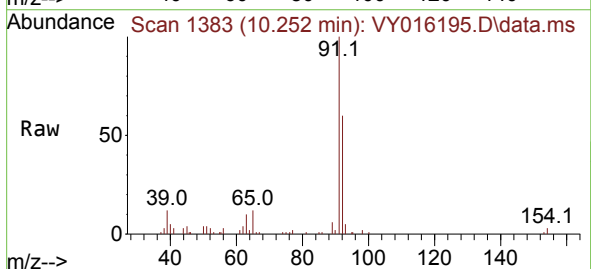
Instrument :  
MSVOA\_Y  
ClientSampleId :

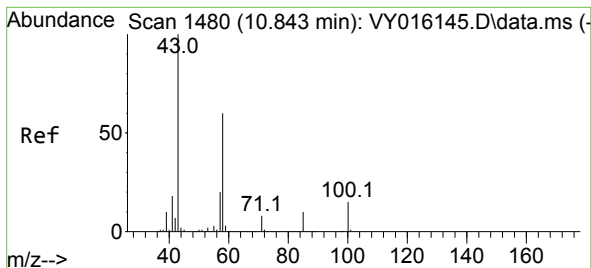
Tgt Ion: 98 Resp: 241429  
Ion Ratio Lower Upper  
98 100  
100 65.6 50.1 75.1



#52  
Toluene  
Concen: 2.469 ug/l  
RT: 10.252 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

Tgt Ion: 92 Resp: 7965  
Ion Ratio Lower Upper  
92 100  
91 178.5 143.8 215.6

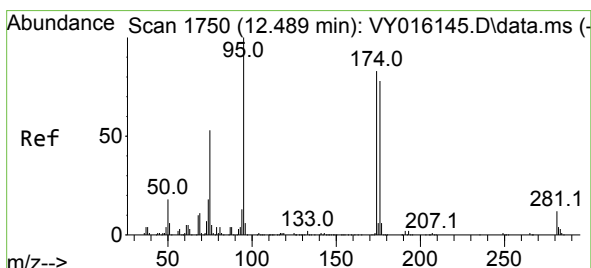
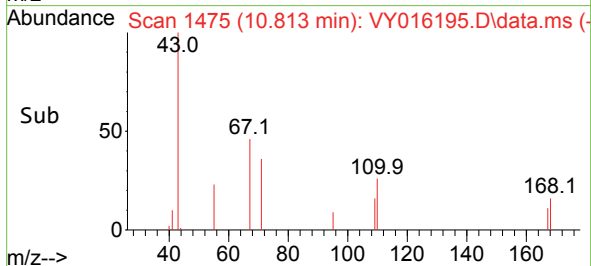
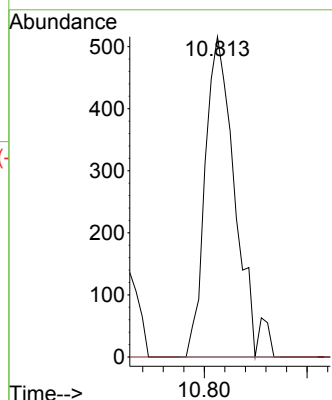
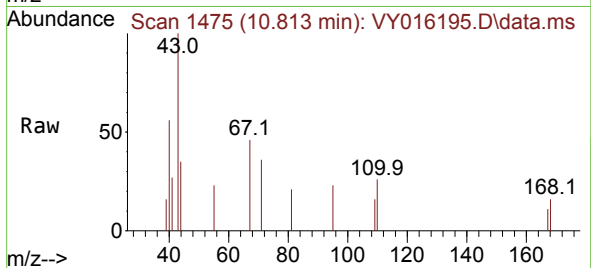




#59  
2-Hexanone  
Concen: 1.999 ug/l  
RT: 10.813 min Scan# 1480  
Delta R.T. -0.030 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

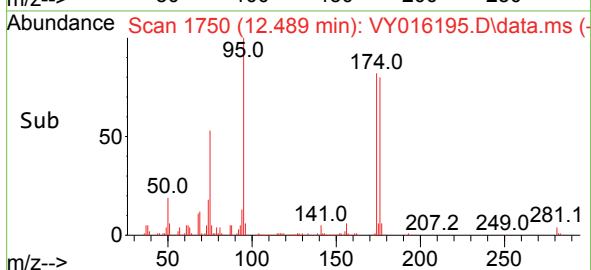
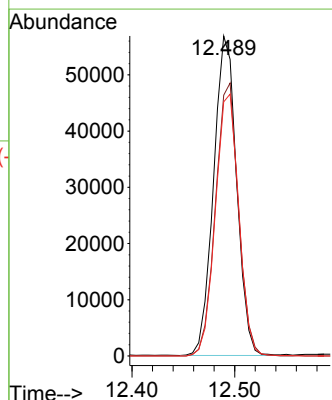
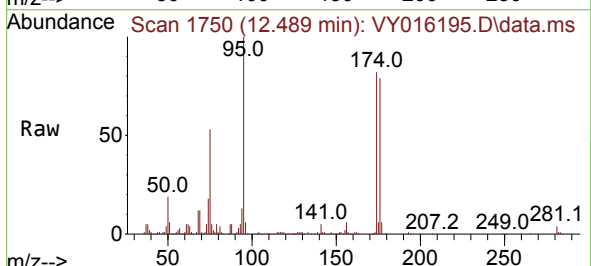
Instrument :  
MSVOA\_Y  
ClientSampleId :

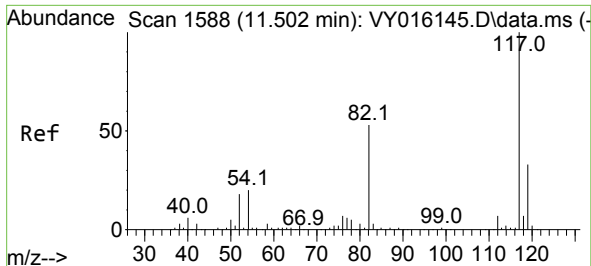
Tgt Ion: 43 Resp: 1044  
Ion Ratio Lower Upper  
43 100  
58 0.0 25.1 75.3#



#62  
4-Bromofluorobenzene  
Concen: 54.264 ug/l  
RT: 12.489 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

Tgt Ion: 95 Resp: 88343  
Ion Ratio Lower Upper  
95 100  
174 85.1 0.0 178.2  
176 83.2 0.0 173.8

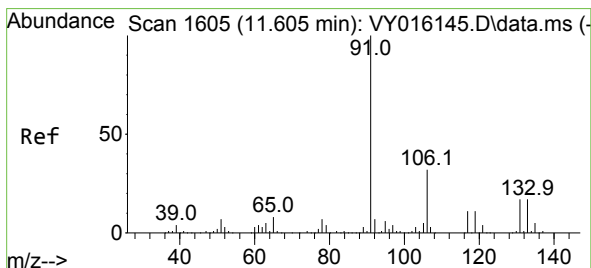
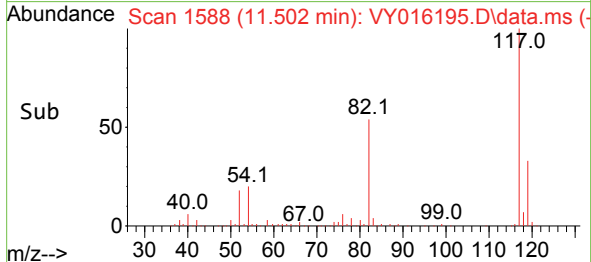
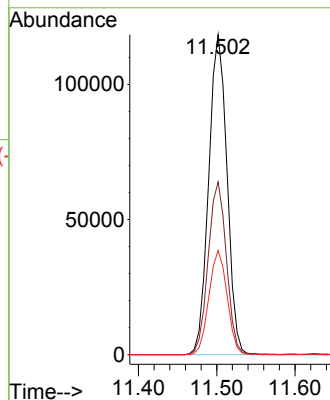
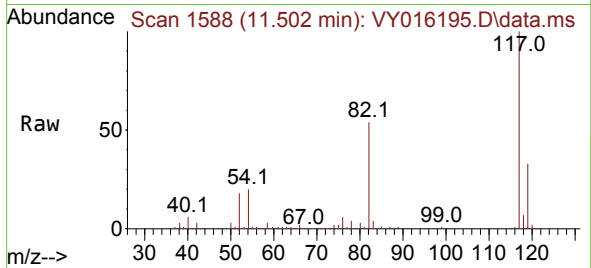




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.502 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

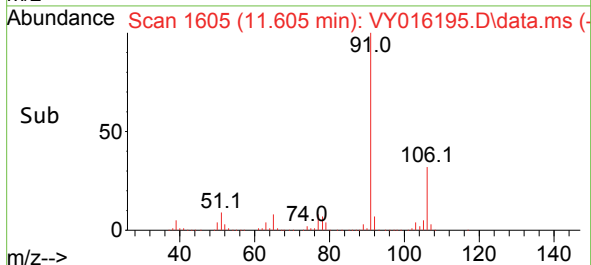
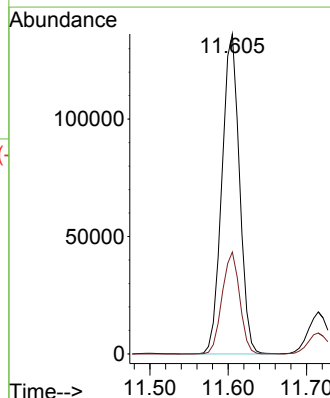
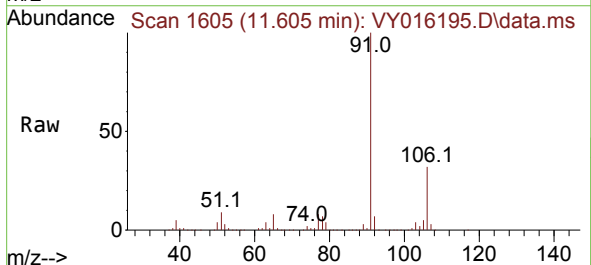
Instrument :  
MSVOA\_Y  
ClientSampleId :

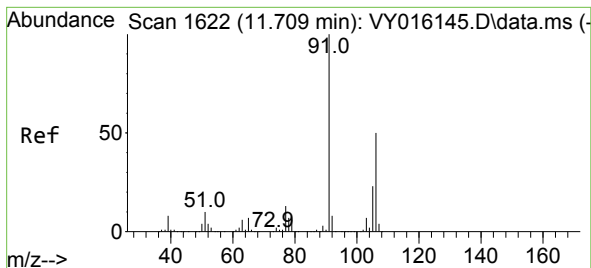
Tgt Ion:117 Resp: 192202  
Ion Ratio Lower Upper  
117 100  
82 54.0 43.4 65.0  
119 32.6 26.3 39.5



#67  
Ethyl Benzene  
Concen: 31.164 ug/l  
RT: 11.605 min Scan# 1605  
Delta R.T. 0.000 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

Tgt Ion: 91 Resp: 212850  
Ion Ratio Lower Upper  
91 100  
106 31.9 24.6 36.8





#68

m/p-Xylenes

Concen: 6.054 ug/l

RT: 11.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016195.D

Acq: 02 Nov 2023 17:08

Instrument :

MSVOA\_Y

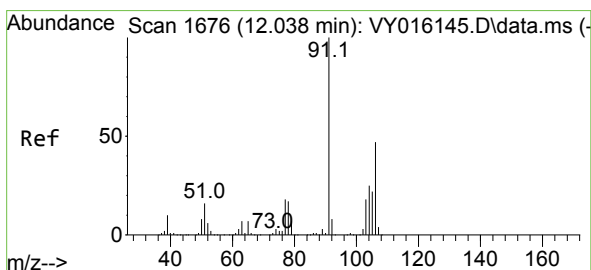
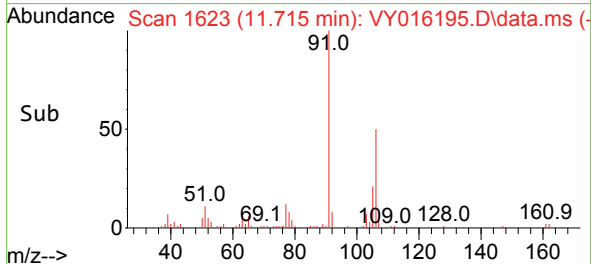
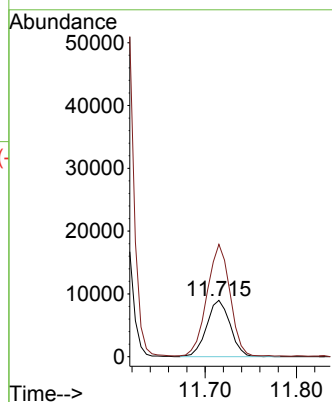
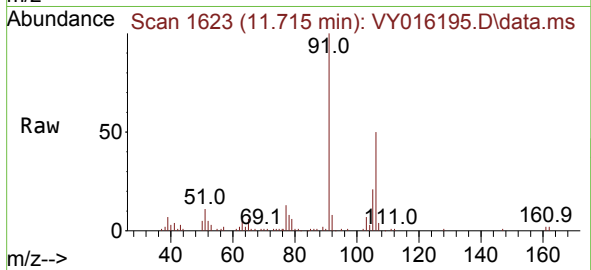
ClientSampleId :

Tgt Ion:106 Resp: 15978

Ion Ratio Lower Upper

106 100

91 196.4 166.1 249.1



#69

o-Xylene

Concen: 22.719 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY016195.D

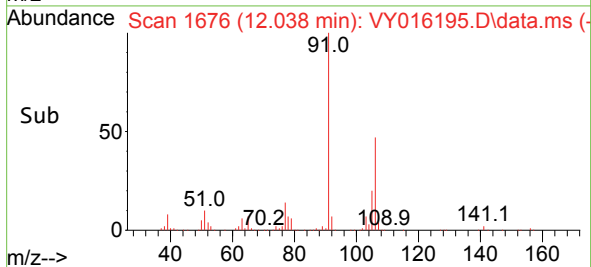
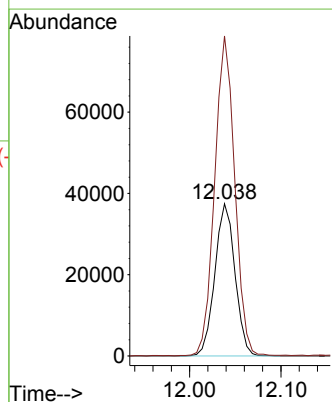
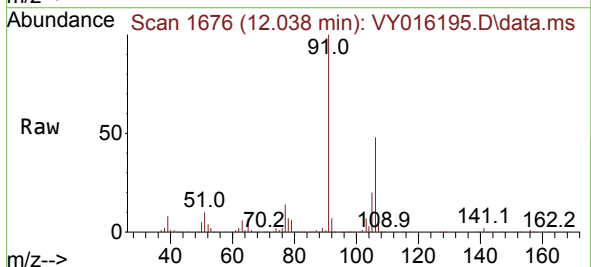
Acq: 02 Nov 2023 17:08

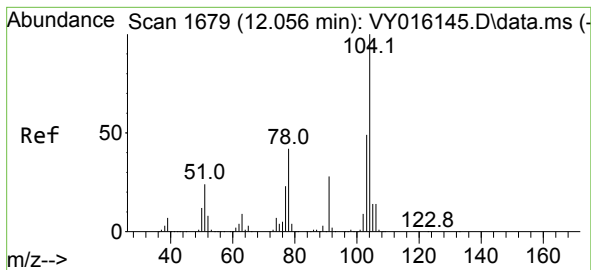
Tgt Ion:106 Resp: 57250

Ion Ratio Lower Upper

106 100

91 209.7 108.1 324.3





#70

Styrene

Concen: 1.680 ug/l

RT: 12.044 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY016195.D

Acq: 02 Nov 2023 17:08

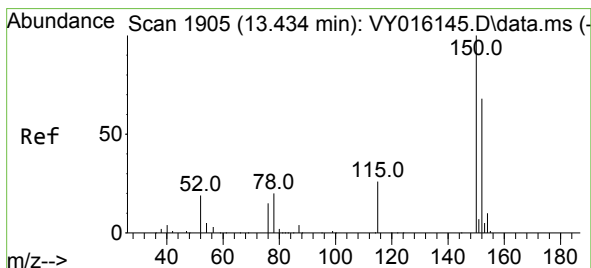
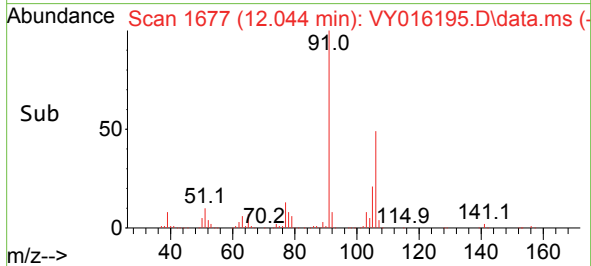
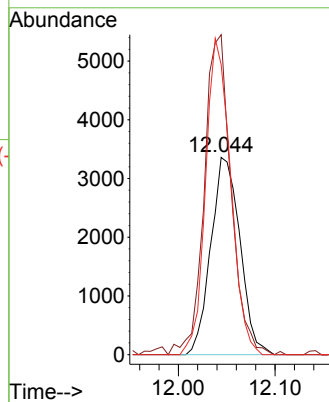
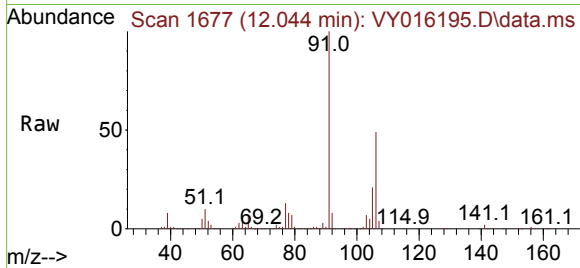
Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion:104 Resp: 7036

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 104 | 100   |       |       |
| 78  | 149.9 | 41.5  | 62.3# |
| 103 | 137.9 | 44.6  | 67.0# |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

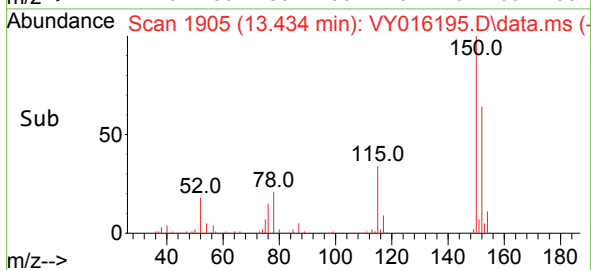
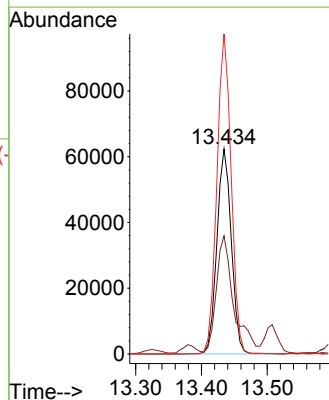
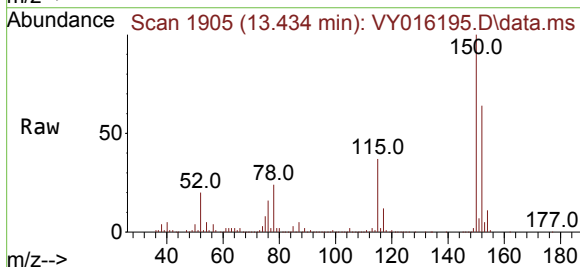
Delta R.T. 0.000 min

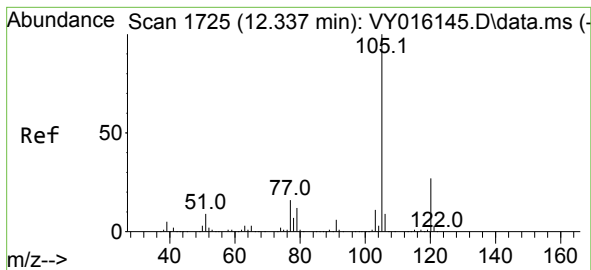
Lab File: VY016195.D

Acq: 02 Nov 2023 17:08

Tgt Ion:152 Resp: 95223

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 67.1  | 28.8  | 86.5  |
| 150 | 154.5 | 0.0   | 348.8 |





#73

Isopropylbenzene

Concen: 9.472 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016195.D

Acq: 02 Nov 2023 17:08

Instrument :

MSVOA\_Y

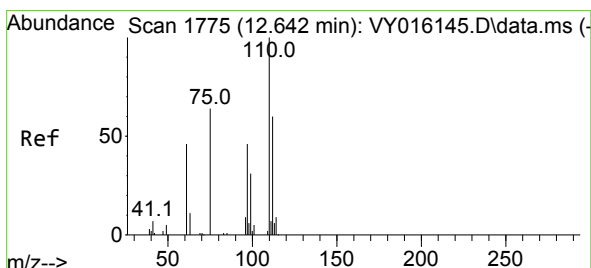
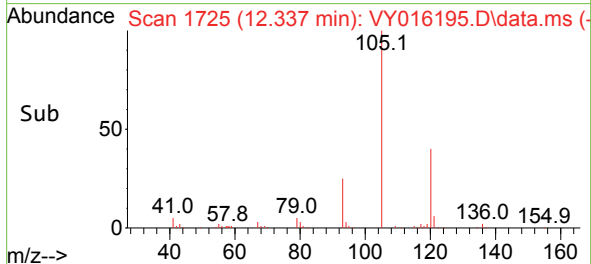
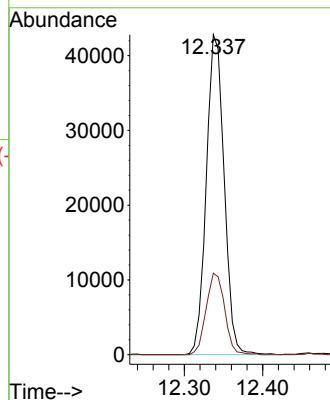
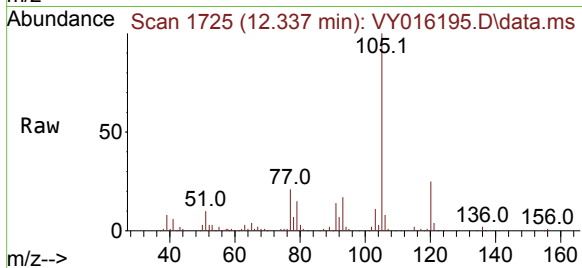
ClientSampleId :

Tgt Ion:105 Resp: 67657

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#76

1,2,3-Trichloropropane

Concen: 51.985 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016195.D

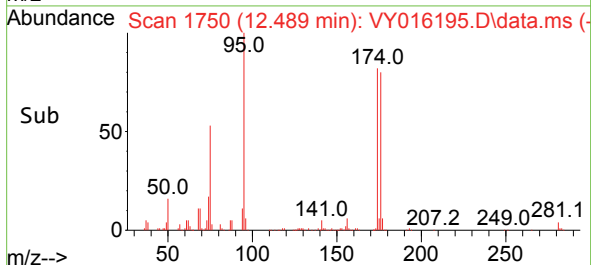
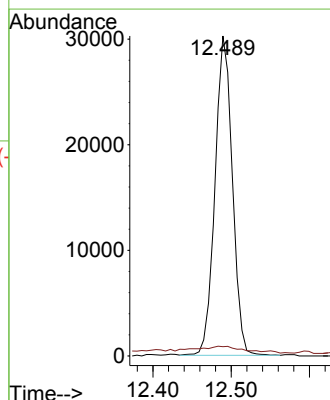
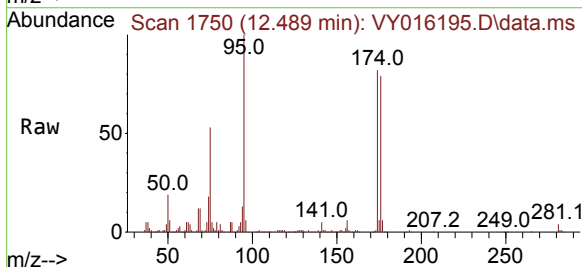
Acq: 02 Nov 2023 17:08

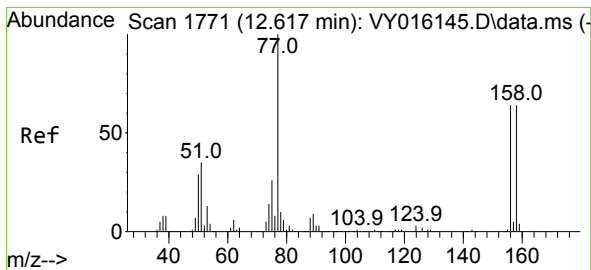
Tgt Ion: 75 Resp: 46616

Ion Ratio Lower Upper

75 100

77 6.1 0.0 0.0#





#77

Bromobenzene

Concen: 6.800 ug/l

RT: 12.422 min Scan# 1771

Delta R.T. -0.195 min

Lab File: VY016195.D

Acq: 02 Nov 2023 17:08

Instrument :

MSVOA\_Y

ClientSampleId :

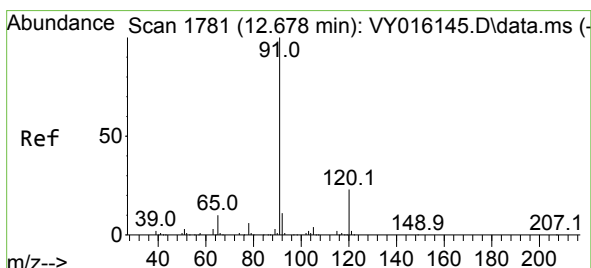
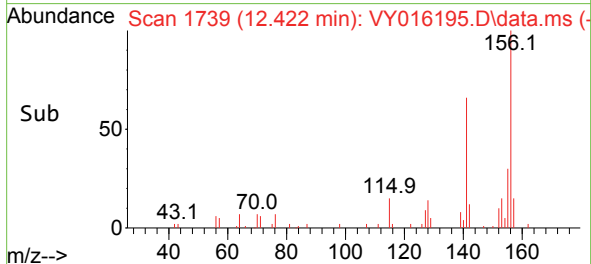
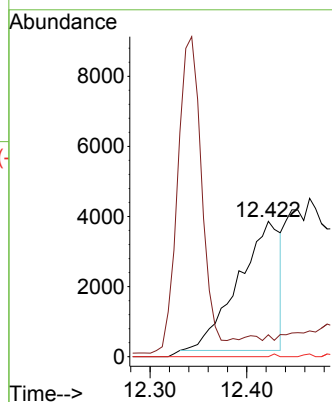
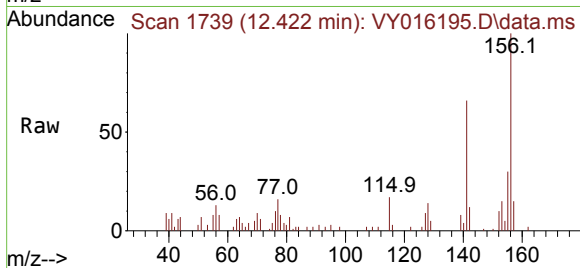
Tgt Ion:156 Resp: 10998

Ion Ratio Lower Upper

156 100

77 0.0 92.8 278.6#

158 0.3 48.4 145.3#



#78

n-propylbenzene

Concen: 8.886 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016195.D

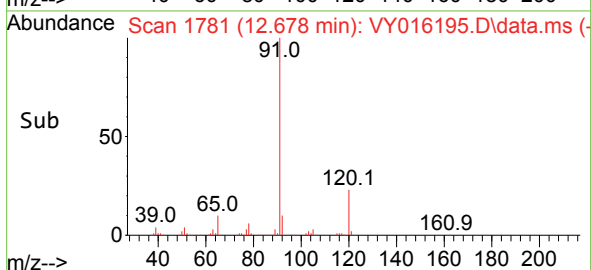
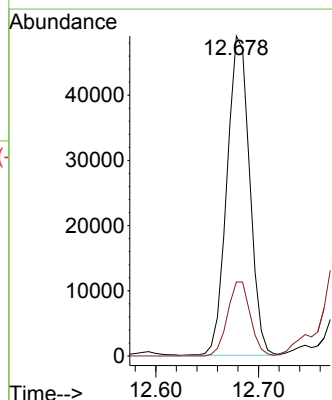
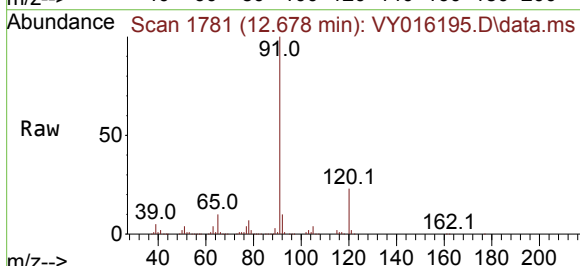
Acq: 02 Nov 2023 17:08

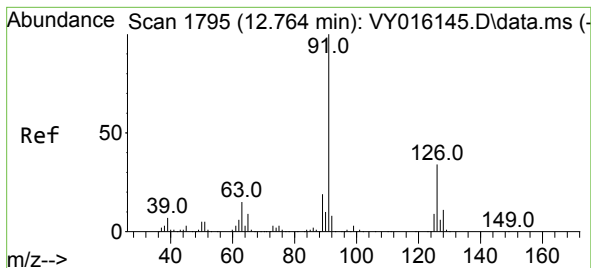
Tgt Ion: 91 Resp: 75041

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

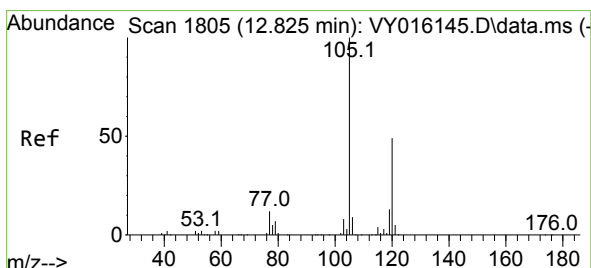
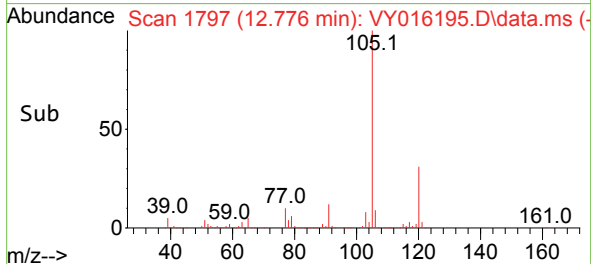
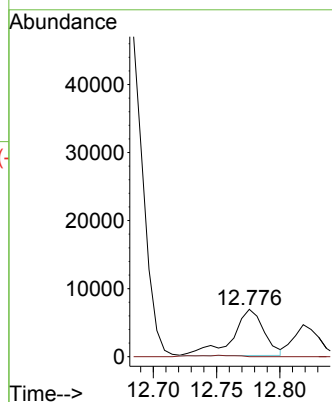
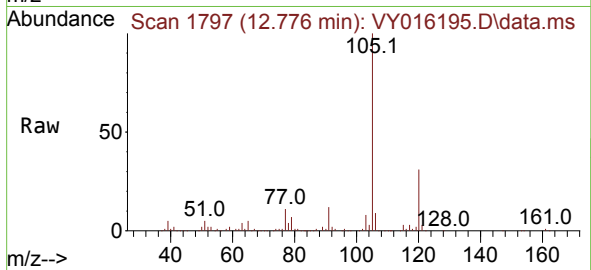




#79  
2-Chlorotoluene  
Concen: 2.512 ug/l  
RT: 12.776 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

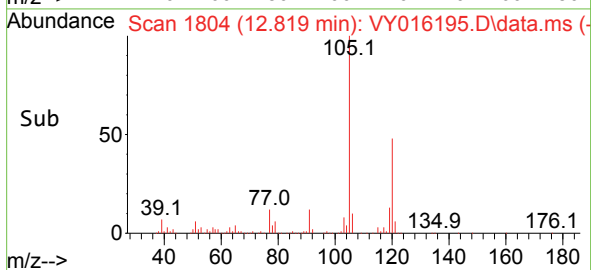
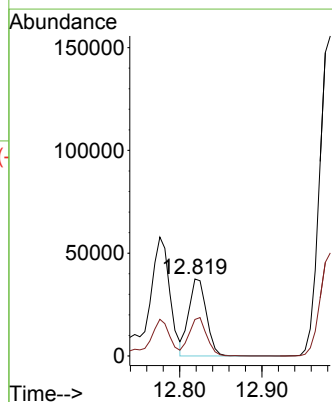
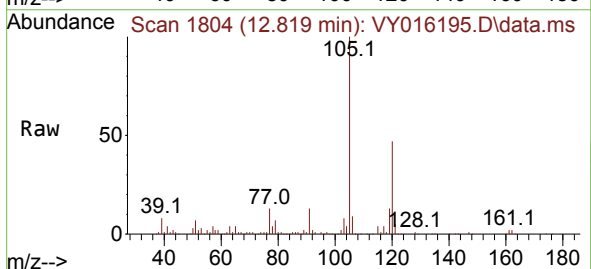
Instrument :  
MSVOA\_Y  
ClientSampleId :

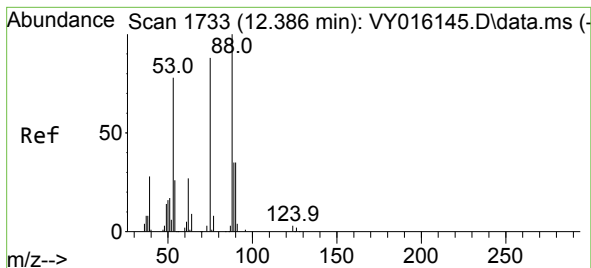
Tgt Ion: 91 Resp: 11831  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.3 51.7#



#80  
1,3,5-Trimethylbenzene  
Concen: 9.664 ug/l  
RT: 12.819 min Scan# 1804  
Delta R.T. -0.006 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

Tgt Ion:105 Resp: 55925  
Ion Ratio Lower Upper  
105 100  
120 49.4 23.9 71.7

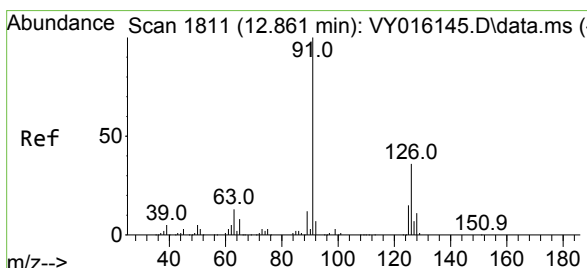
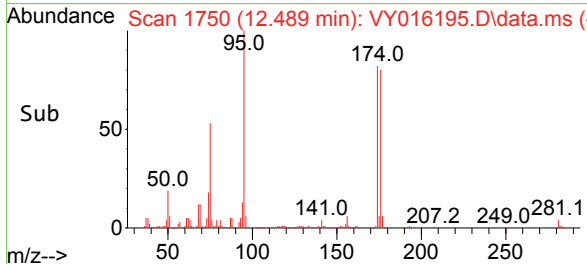
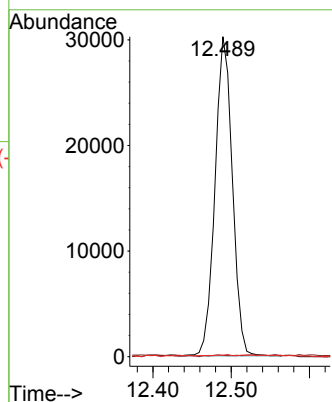
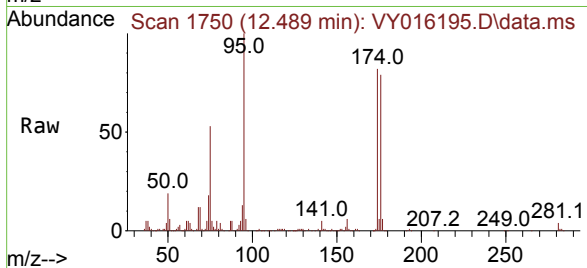




#81  
trans-1,4-Dichloro-2-butene  
Concen: 112.715 ug/l  
RT: 12.489 min Scan# 1  
Delta R.T. 0.104 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

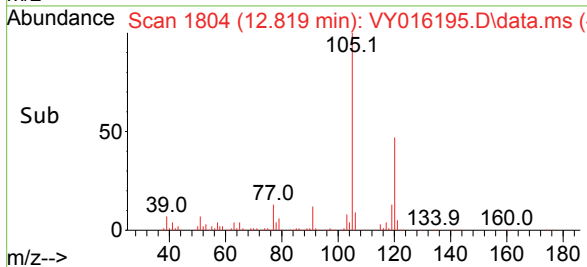
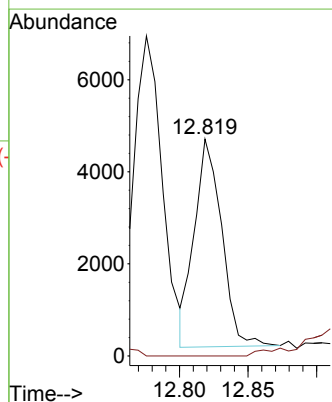
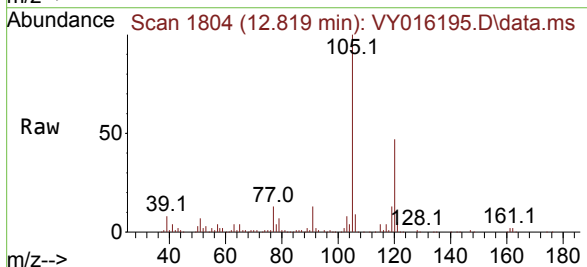
Instrument :  
MSVOA\_Y  
ClientSampleId :

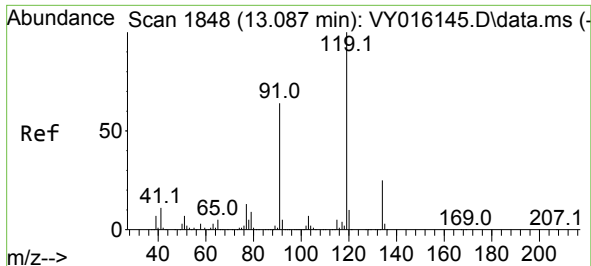
Tgt Ion: 75 Resp: 46616  
Ion Ratio Lower Upper  
75 100  
53 0.5 77.8 116.8#  
89 0.4 37.4 56.0#



#82  
4-Chlorotoluene  
Concen: 1.295 ug/l  
RT: 12.819 min Scan# 1804  
Delta R.T. -0.043 min  
Lab File: VY016195.D  
Acq: 02 Nov 2023 17:08

Tgt Ion: 91 Resp: 6261  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.2 51.6#

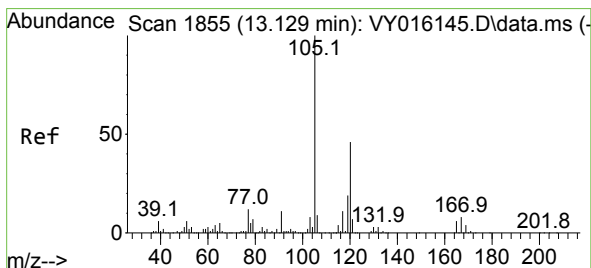
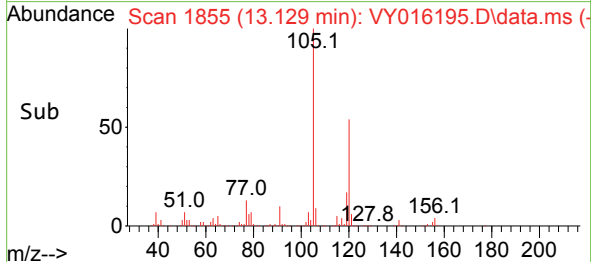
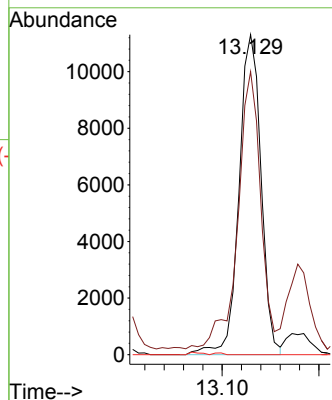
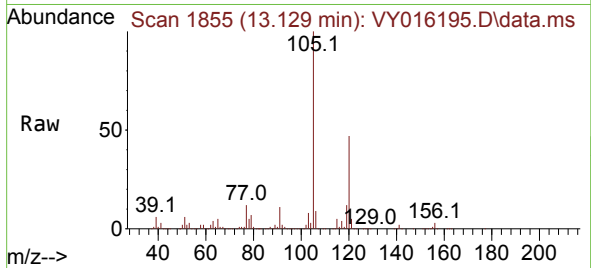




#83  
 tert-Butylbenzene  
 Concen: 3.463 ug/l  
 RT: 13.129 min Scan# 1855  
 Delta R.T. 0.043 min  
 Lab File: VY016195.D  
 Acq: 02 Nov 2023 17:08

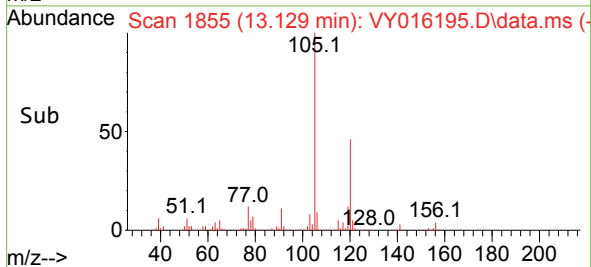
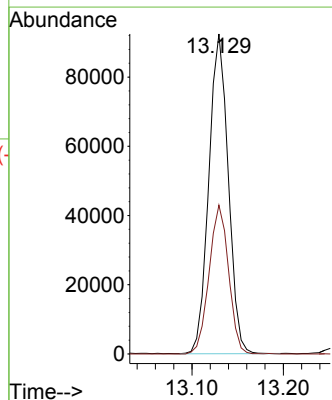
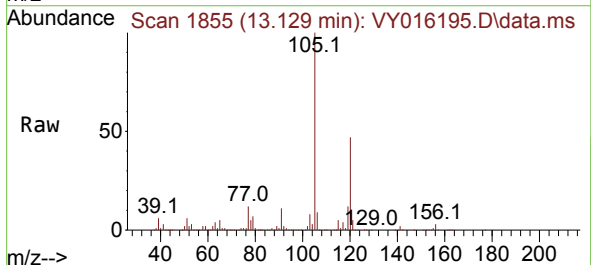
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

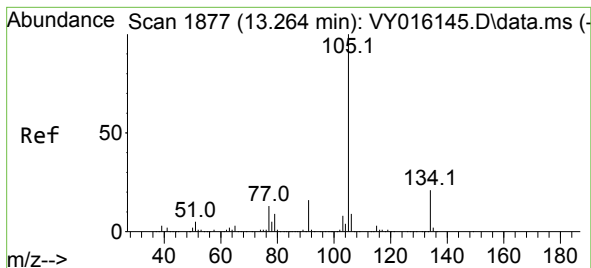
Tgt Ion:119 Resp: 17932  
 Ion Ratio Lower Upper  
 119 100  
 91 89.1 32.9 98.6  
 134 0.0 13.0 38.9#



#84  
 1,2,4-Trimethylbenzene  
 Concen: 23.781 ug/l  
 RT: 13.129 min Scan# 1855  
 Delta R.T. 0.000 min  
 Lab File: VY016195.D  
 Acq: 02 Nov 2023 17:08

Tgt Ion:105 Resp: 136174  
 Ion Ratio Lower Upper  
 105 100  
 120 46.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 17.895 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.134 min

Lab File: VY016195.D

Acq: 02 Nov 2023 17:08

Instrument :

MSVOA\_Y

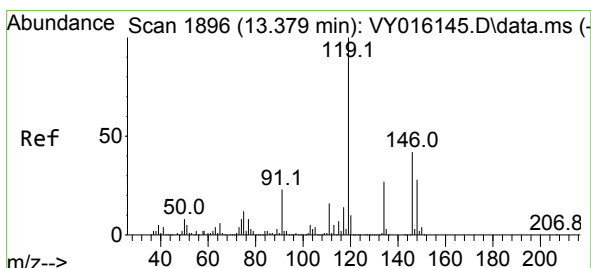
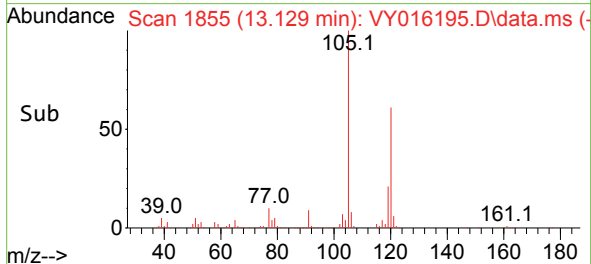
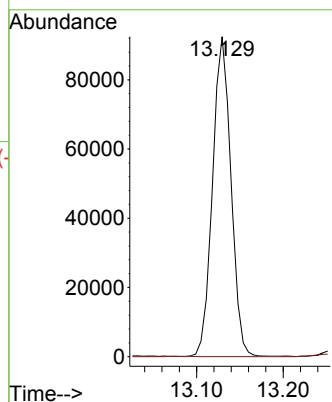
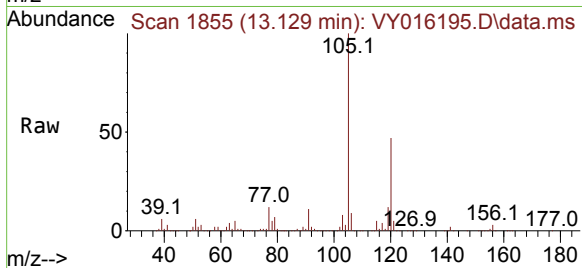
ClientSampleId :

Tgt Ion:105 Resp: 135997

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 4.675 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016195.D

Acq: 02 Nov 2023 17:08

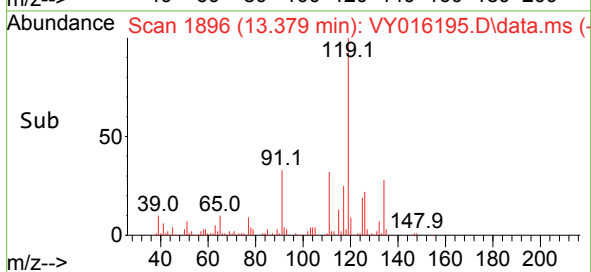
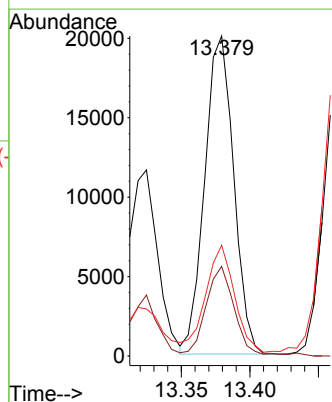
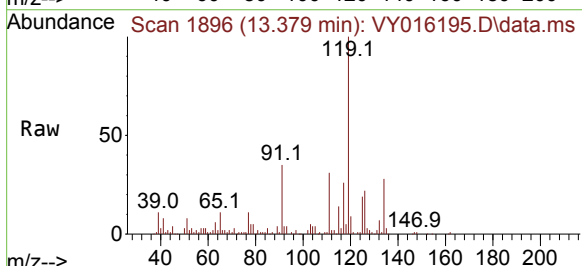
Tgt Ion:119 Resp: 29448

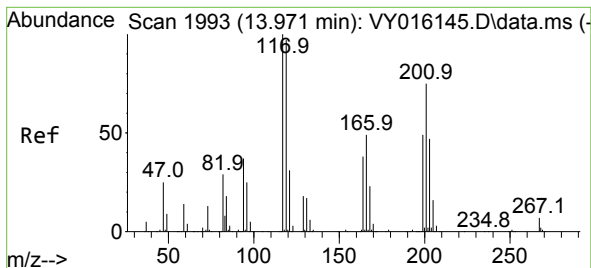
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 32.7 12.4 37.4





#90

Hexachloroethane

Concen: 21.552 ug/l

RT: 13.977 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY016195.D

Acq: 02 Nov 2023 17:08

Instrument :

MSVOA\_Y

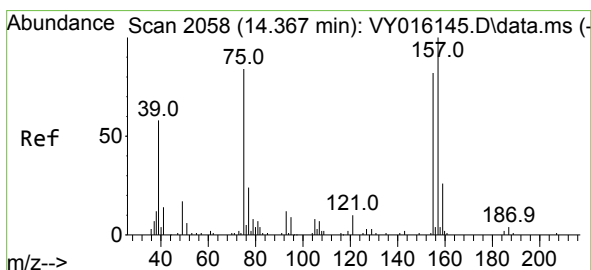
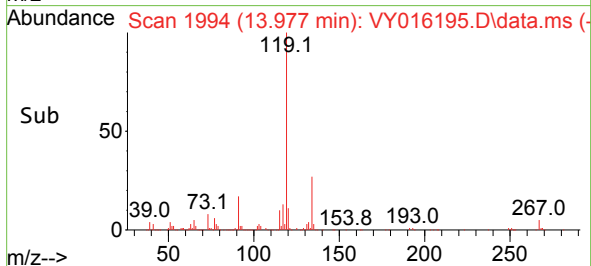
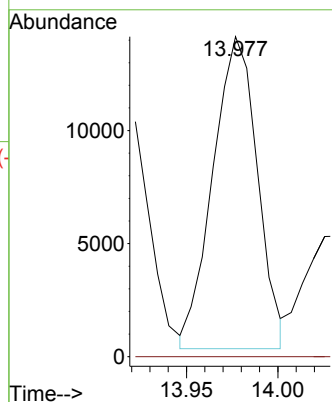
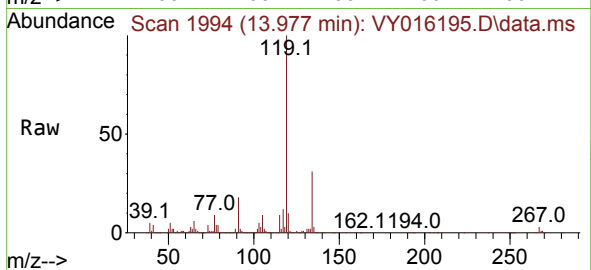
ClientSampleId :

Tgt Ion:117 Resp: 23393

Ion Ratio Lower Upper

117 100

201 0.0 41.6 124.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.832 ug/l

RT: 14.343 min Scan# 2054

Delta R.T. -0.024 min

Lab File: VY016195.D

Acq: 02 Nov 2023 17:08

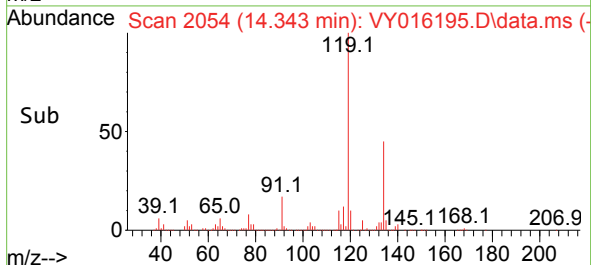
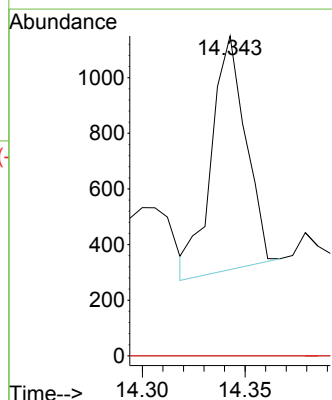
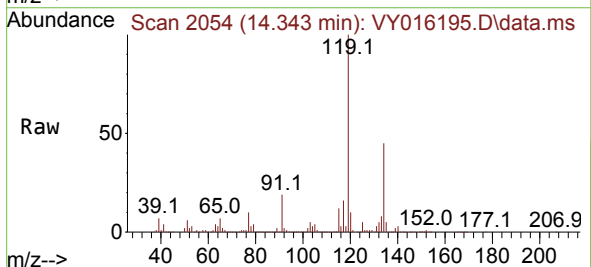
Tgt Ion: 75 Resp: 983

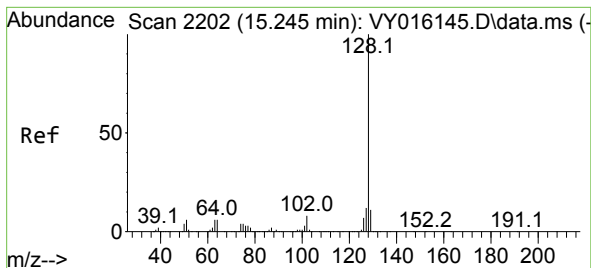
Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

157 0.0 51.8 155.5#





#95

Naphthalene

Concen: 238.771 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.000 min

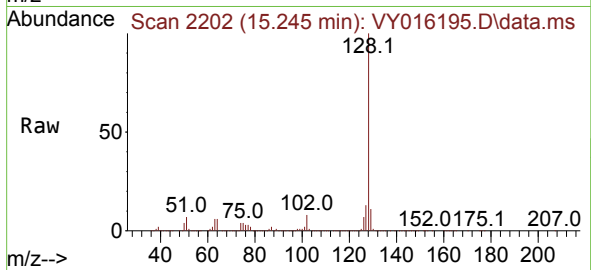
Lab File: VY016195.D

Acq: 02 Nov 2023 17:08

Instrument :

MSVOA\_Y

ClientSampleId :



Tgt Ion:128 Resp: 791269

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 11.2 8.6 13.0

