

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012522\  
 Data File : VY007296.D  
 Acq On : 25 Jan 2022 17:42  
 Operator : SY/MD  
 Sample : N1266-06  
 Misc : 7.10g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jan 26 03:58:07 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 14 05:48:29 2022  
 Response via : Initial Calibration

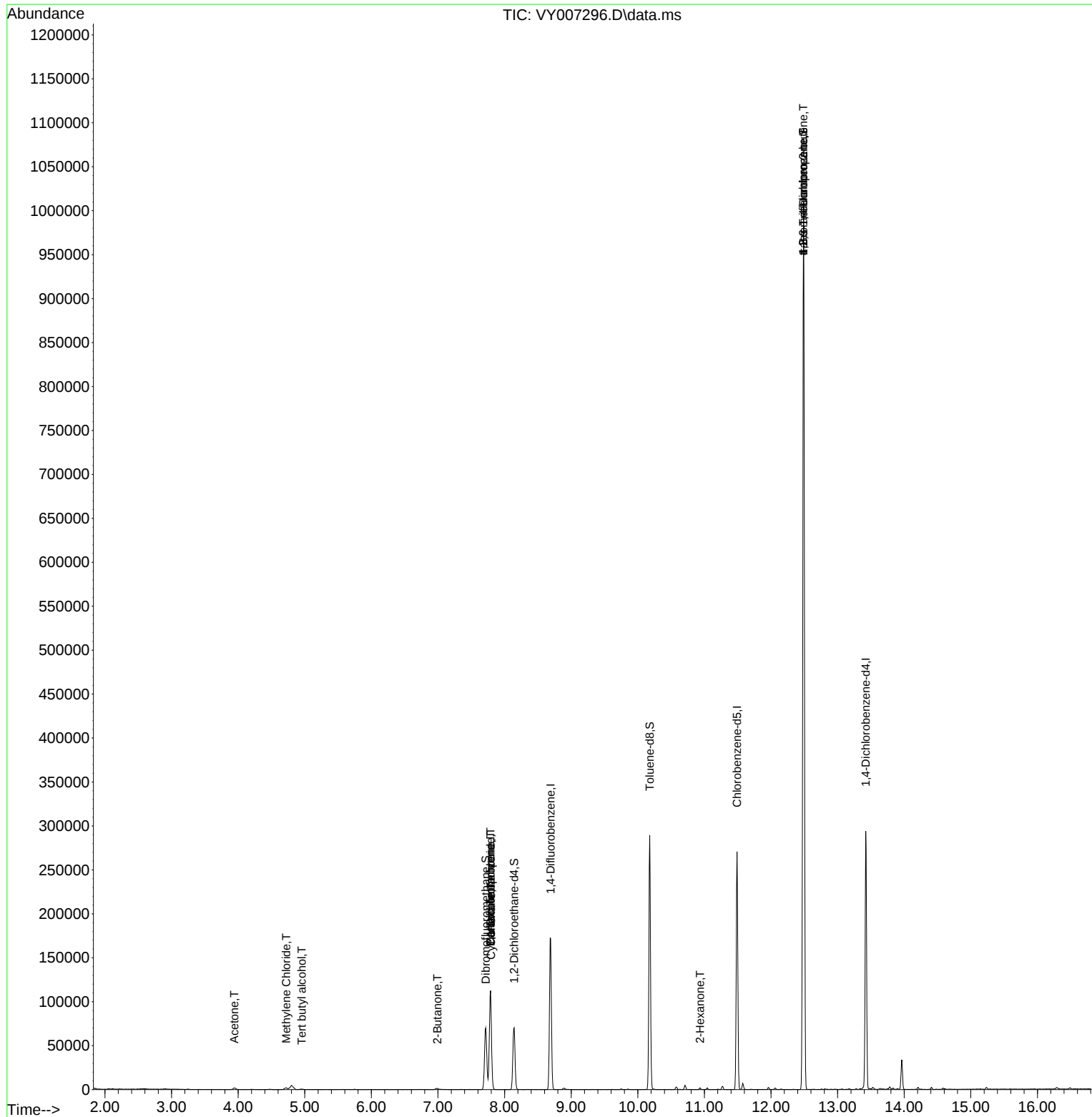
| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) Pentafluorobenzene         | 7.789     | 168   | 81948    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.691     | 114   | 148983   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.489    | 117   | 143297   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.422    | 152   | 69043    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.142     | 65    | 57263    | 56.949   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 50 - 163 | Recovery | = 113.900% |          |
| 35) Dibromofluoromethane      | 7.716     | 113   | 49830    | 49.464   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 54 - 147 | Recovery | = 98.920%  |          |
| 50) Toluene-d8                | 10.179    | 98    | 184111   | 50.017   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 49 - 140 | Recovery | = 100.040% |          |
| 62) 4-Bromofluorobenzene      | 12.483    | 95    | 73144    | 55.861   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 25 - 144 | Recovery | = 111.720% |          |
| Target Compounds              |           |       |          |          |            |          |
|                               |           |       |          |          | Qvalue     |          |
| 11) Tert butyl alcohol        | 4.954     | 59    | 1337     | 10.993   | ug/l #     | 73       |
| 16) Acetone                   | 3.942     | 43    | 3498     | 13.405   | ug/l       | 97       |
| 20) Methylene Chloride        | 4.722     | 84    | 1712     | 1.587    | ug/l       | 95       |
| 25) 2-Butanone                | 6.990     | 43    | 505      | 1.497    | ug/l #     | 47       |
| 31) Cyclohexane               | 7.795     | 56    | 1860     | 1.094    | ug/l #     | 46       |
| 36) 1,1-Dichloropropene       | 7.789     | 75    | 6856     | 4.261    | ug/l #     | 51       |
| 38) Carbon Tetrachloride      | 7.789     | 117   | 8847     | 5.228    | ug/l #     | 16       |
| 59) 2-Hexanone                | 10.934    | 43    | 1013     | 1.832    | ug/l #     | 23       |
| 76) 1,2,3-Trichloropropane    | 12.483    | 75    | 47429    | 60.245   | ug/l #     | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.483    | 75    | 47429    | 110.291  | ug/l #     | 3        |
| -----                         |           |       |          |          |            |          |

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

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QLast Update : Fri Jan 14 05:48:29 2022  
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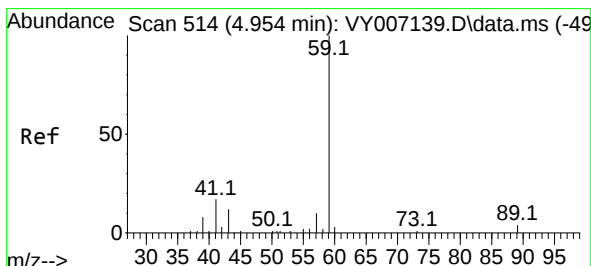
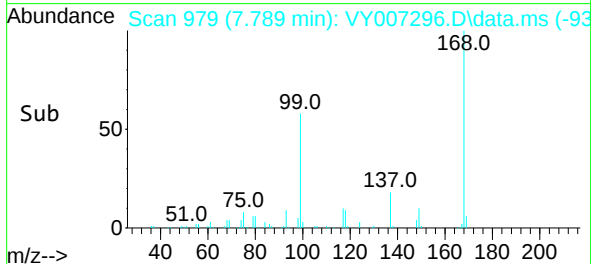
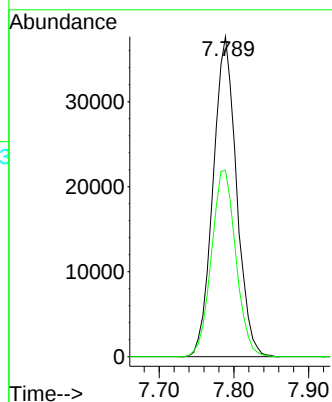
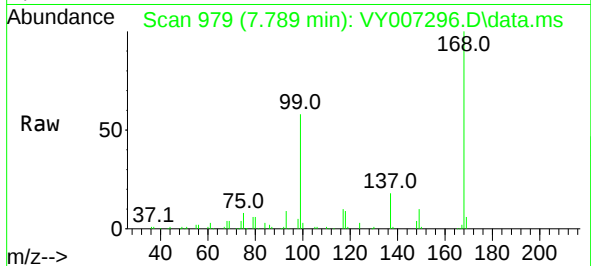




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007296.D  
Acq: 25 Jan 2022 17:42

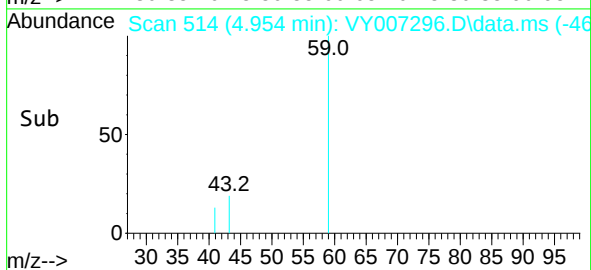
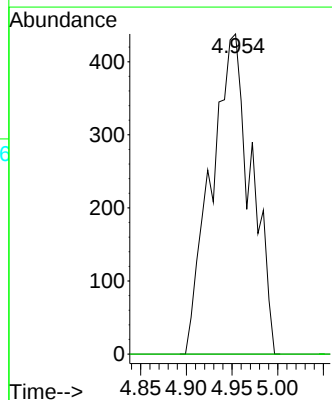
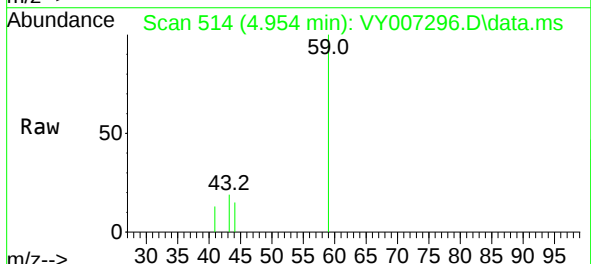
Instrument :  
MSVOA\_Y  
ClientSampleId :

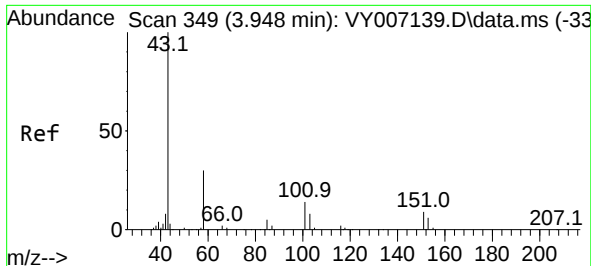
Tgt Ion:168 Resp: 81948  
Ion Ratio Lower Upper  
168 100  
99 58.2 49.1 73.7



#11  
Tert butyl alcohol  
Concen: 10.993 ug/l  
RT: 4.954 min Scan# 514  
Delta R.T. -0.000 min  
Lab File: VY007296.D  
Acq: 25 Jan 2022 17:42

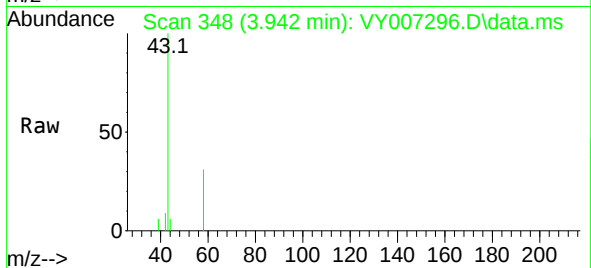
Tgt Ion: 59 Resp: 1337  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.1 12.1#



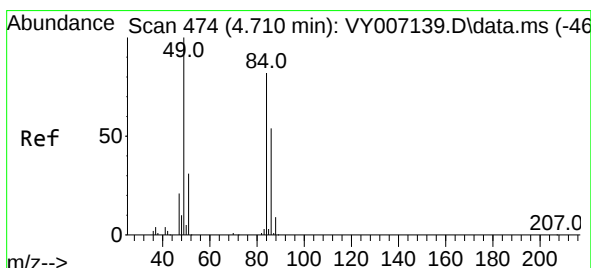
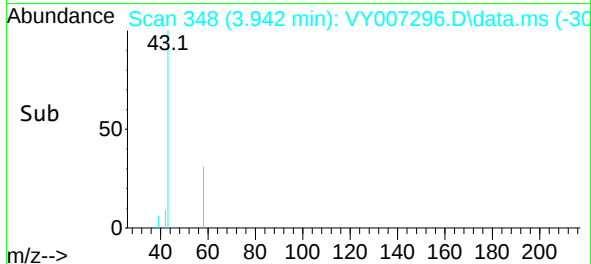
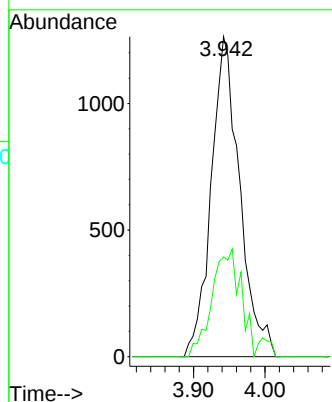


#16  
Acetone  
Concen: 13.405 ug/l  
RT: 3.942 min Scan# 349  
Delta R.T. -0.006 min  
Lab File: VY007296.D  
Acq: 25 Jan 2022 17:42

Instrument :  
MSVOA\_Y  
ClientSampleId :

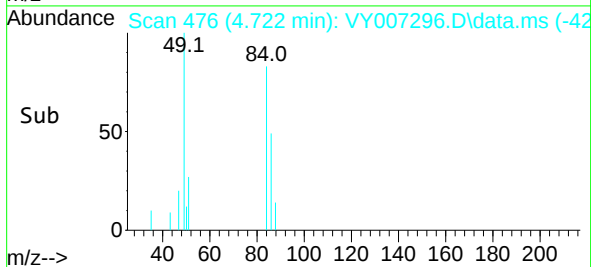
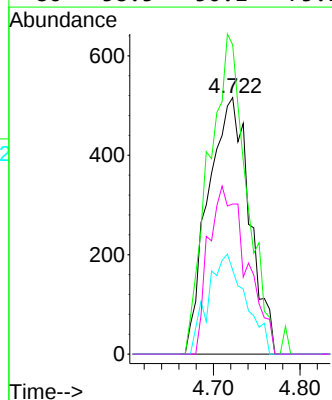
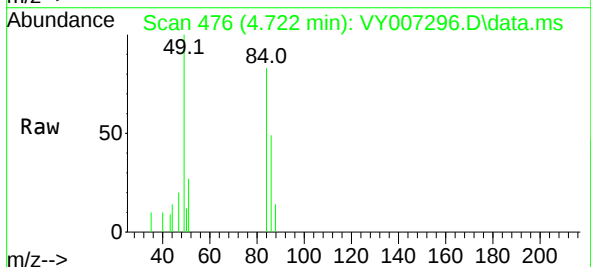


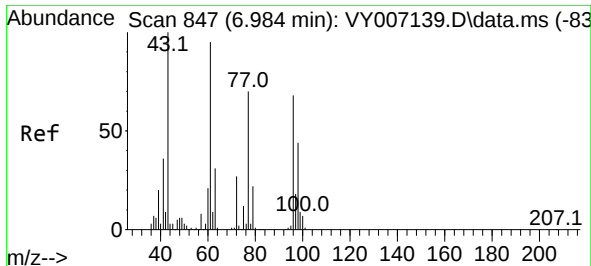
Tgt Ion: 43 Resp: 3498  
Ion Ratio Lower Upper  
43 100  
58 31.2 23.8 35.6



#20  
Methylene Chloride  
Concen: 1.587 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. 0.012 min  
Lab File: VY007296.D  
Acq: 25 Jan 2022 17:42

Tgt Ion: 84 Resp: 1712  
Ion Ratio Lower Upper  
84 100  
49 120.5 92.6 139.0  
51 32.8 28.6 42.8  
86 58.5 50.1 75.1





#25

2-Butanone

Concen: 1.497 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

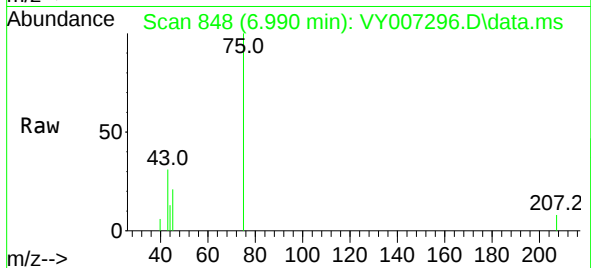
Lab File: VY007296.D

Acq: 25 Jan 2022 17:42

Instrument :

MSVOA\_Y

ClientSampleId :

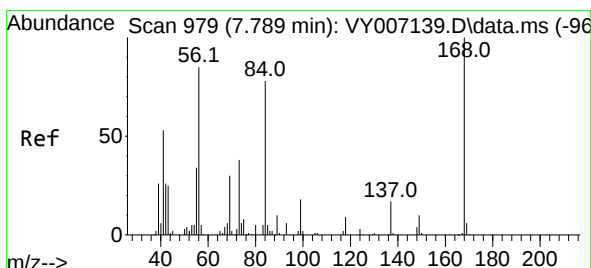
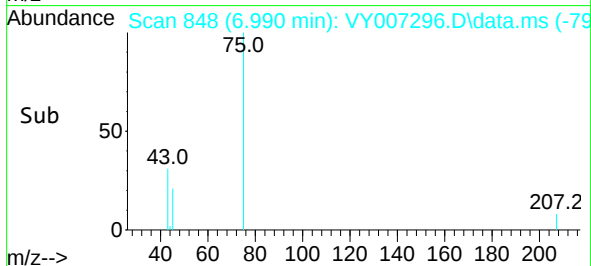
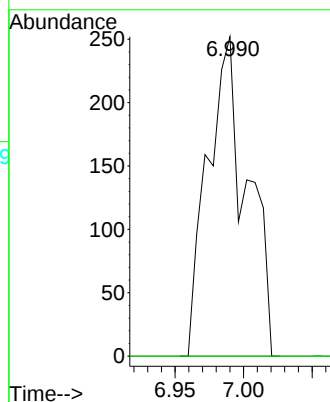


Tgt Ion: 43 Resp: 505

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#



#31

Cyclohexane

Concen: 1.094 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY007296.D

Acq: 25 Jan 2022 17:42

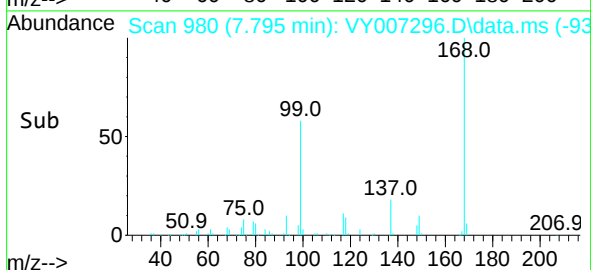
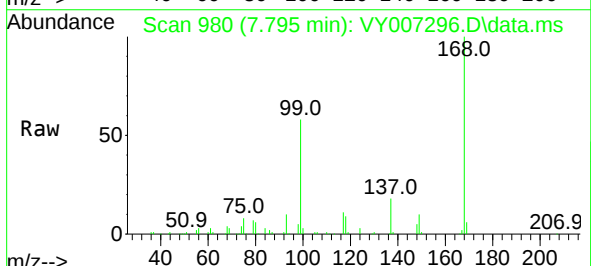
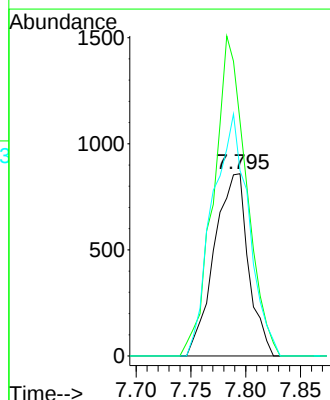
Tgt Ion: 56 Resp: 1860

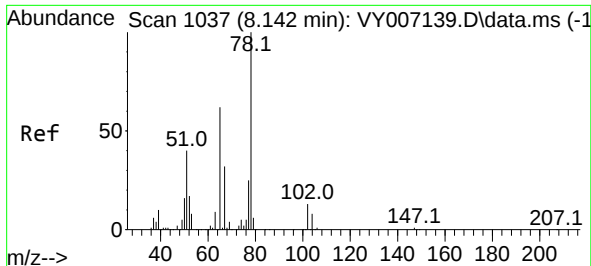
Ion Ratio Lower Upper

56 100

69 128.6 27.2 40.8#

84 101.6 72.1 108.1

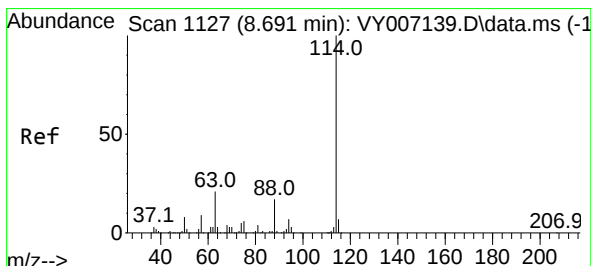
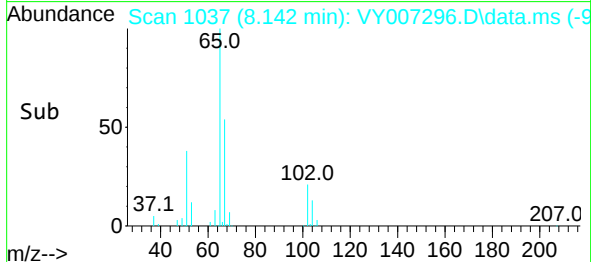
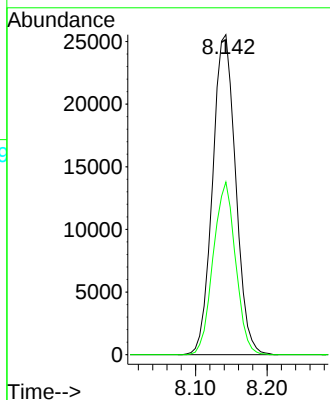
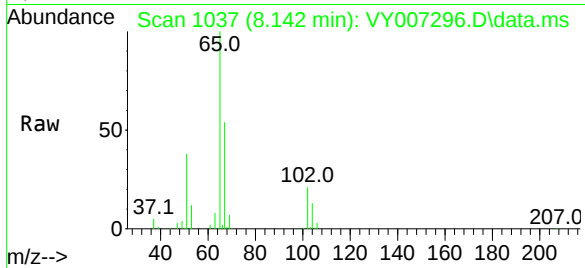




#33  
 1,2-Dichloroethane-d4  
 Concen: 56.949 ug/l  
 RT: 8.142 min Scan# 1037  
 Delta R.T. 0.000 min  
 Lab File: VY007296.D  
 Acq: 25 Jan 2022 17:42

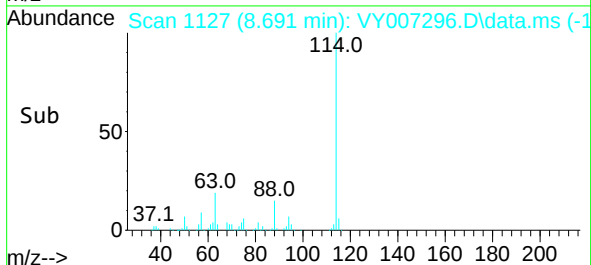
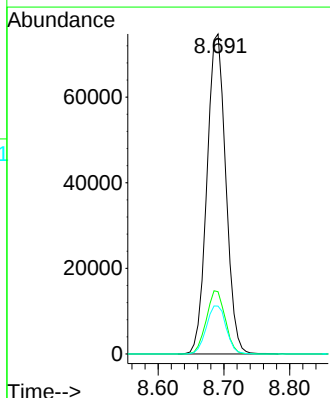
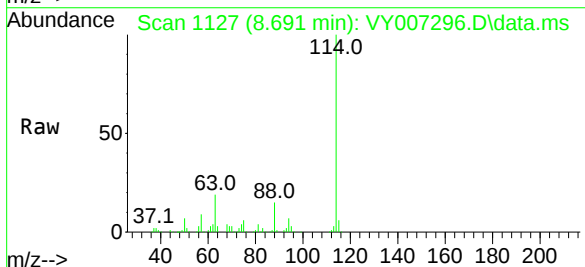
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

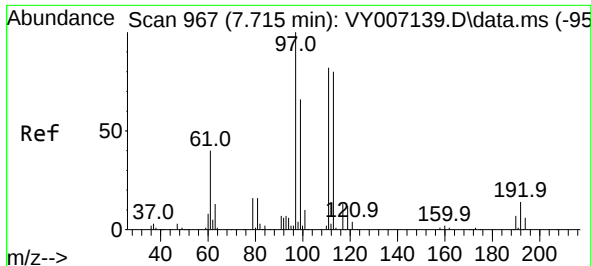
Tgt Ion: 65 Resp: 57263  
 Ion Ratio Lower Upper  
 65 100  
 67 52.2 0.0 105.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.691 min Scan# 1127  
 Delta R.T. 0.000 min  
 Lab File: VY007296.D  
 Acq: 25 Jan 2022 17:42

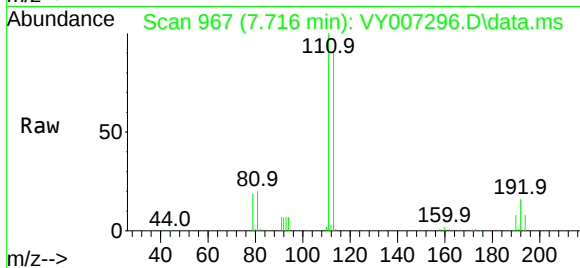
Tgt Ion: 114 Resp: 148983  
 Ion Ratio Lower Upper  
 114 100  
 63 19.5 0.0 39.2  
 88 15.0 0.0 31.0



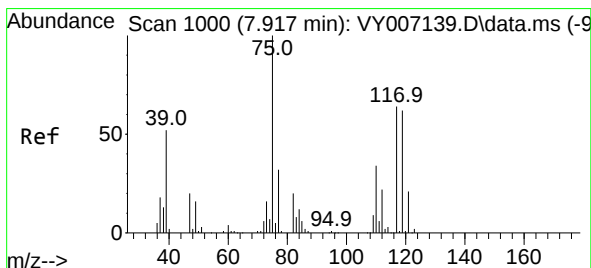
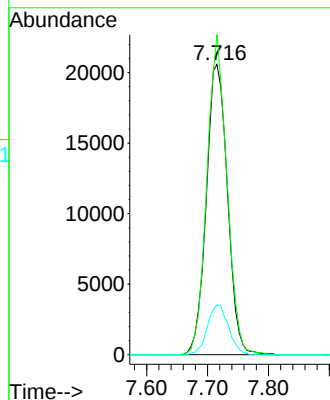
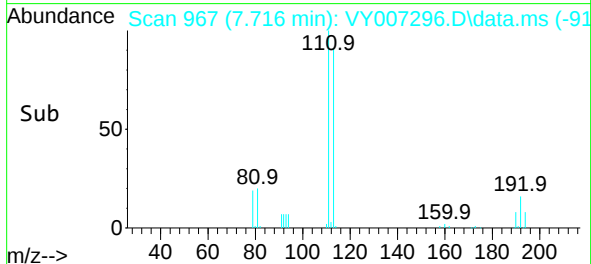


#35  
Dibromofluoromethane  
Concen: 49.464 ug/l  
RT: 7.716 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VY007296.D  
Acq: 25 Jan 2022 17:42

Instrument :  
MSVOA\_Y  
ClientSampleId :

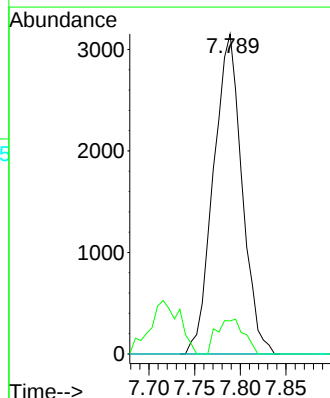
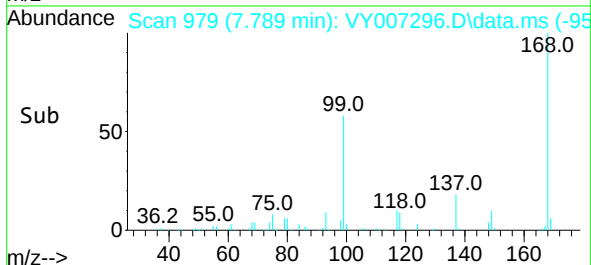
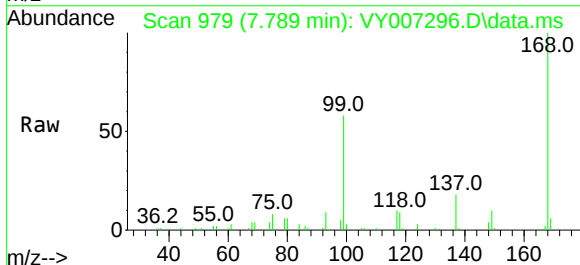


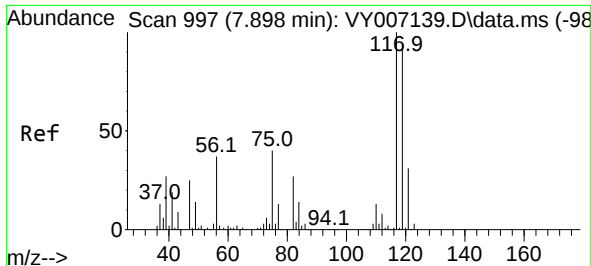
Tgt Ion:113 Resp: 49830  
Ion Ratio Lower Upper  
113 100  
111 103.9 82.2 123.4  
192 17.1 14.2 21.4



#36  
1,1-Dichloropropene  
Concen: 4.261 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.128 min  
Lab File: VY007296.D  
Acq: 25 Jan 2022 17:42

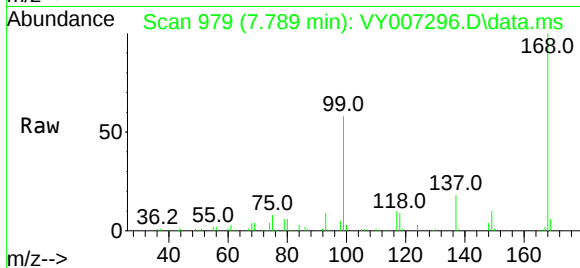
Tgt Ion: 75 Resp: 6856  
Ion Ratio Lower Upper  
75 100  
110 10.4 17.3 51.9#  
77 0.0 24.7 37.1#



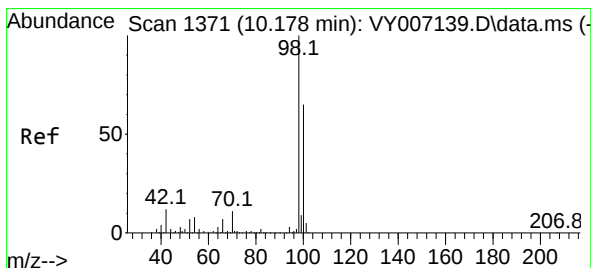
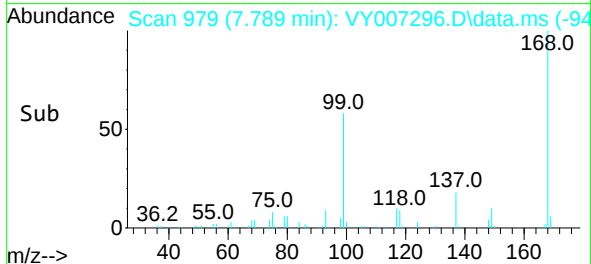
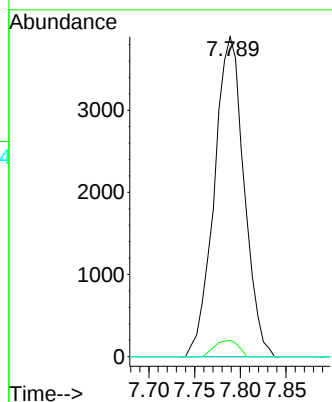


#38  
Carbon Tetrachloride  
Concen: 5.228 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.110 min  
Lab File: VY007296.D  
Acq: 25 Jan 2022 17:42

Instrument :  
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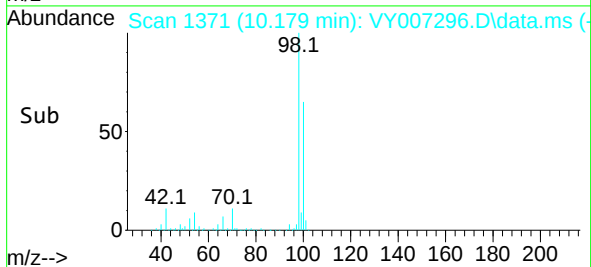
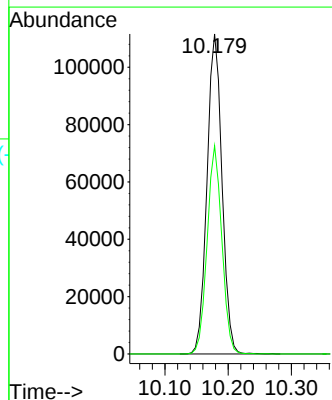
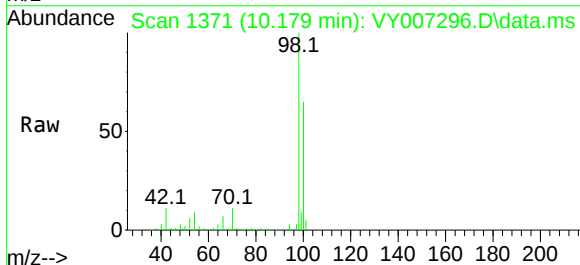


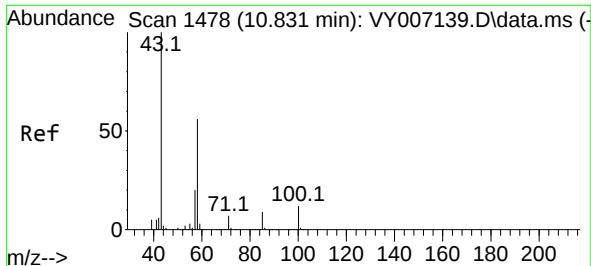
Tgt Ion:117 Resp: 8847  
Ion Ratio Lower Upper  
117 100  
119 5.1 77.2 115.8#  
121 0.0 24.2 36.2#



#50  
Toluene-d8  
Concen: 50.017 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. 0.000 min  
Lab File: VY007296.D  
Acq: 25 Jan 2022 17:42

Tgt Ion: 98 Resp: 184111  
Ion Ratio Lower Upper  
98 100  
100 63.8 52.2 78.2

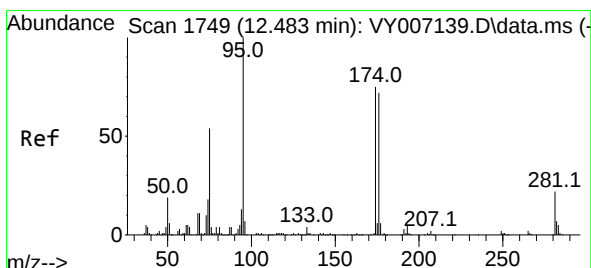
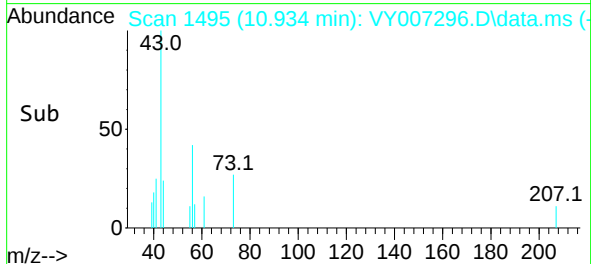
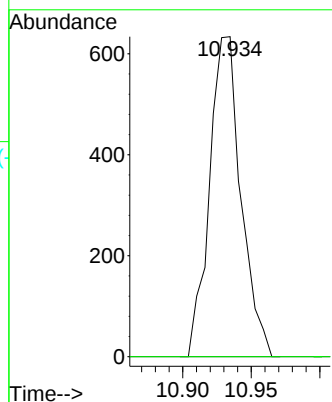
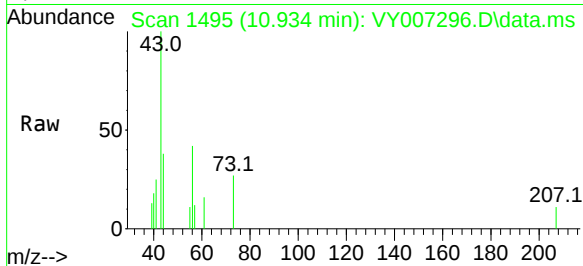




#59  
2-Hexanone  
Concen: 1.832 ug/l  
RT: 10.934 min Scan# 1478  
Delta R.T. 0.104 min  
Lab File: VY007296.D  
Acq: 25 Jan 2022 17:42

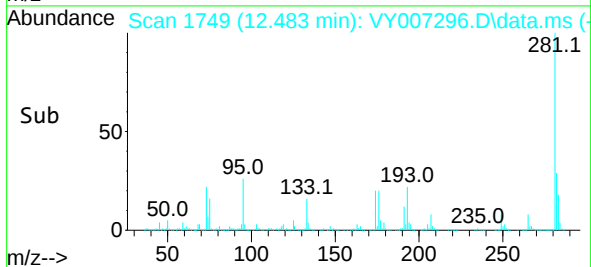
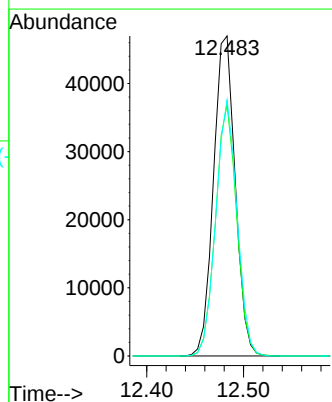
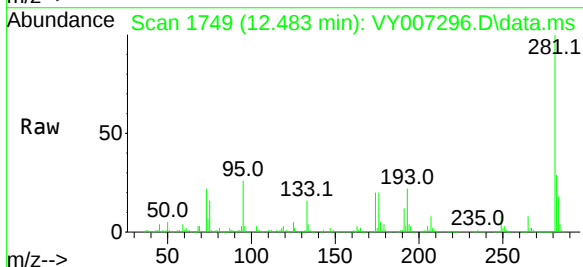
Instrument :  
MSVOA\_Y  
ClientSampleId :

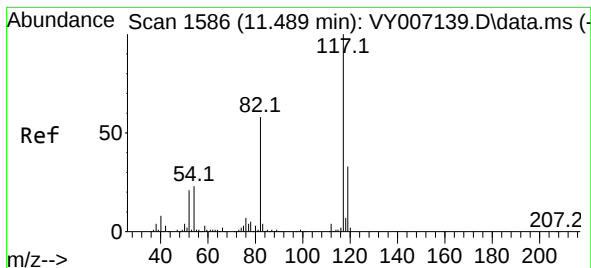
Tgt Ion: 43 Resp: 1013  
Ion Ratio Lower Upper  
43 100  
58 0.0 28.4 85.3#



#62  
4-Bromofluorobenzene  
Concen: 55.861 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY007296.D  
Acq: 25 Jan 2022 17:42

Tgt Ion: 95 Resp: 73144  
Ion Ratio Lower Upper  
95 100  
174 76.5 0.0 148.4  
176 78.5 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

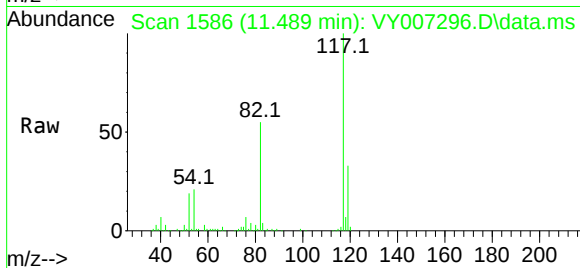
Lab File: VY007296.D

Acq: 25 Jan 2022 17:42

Instrument :

MSVOA\_Y

ClientSampleId :



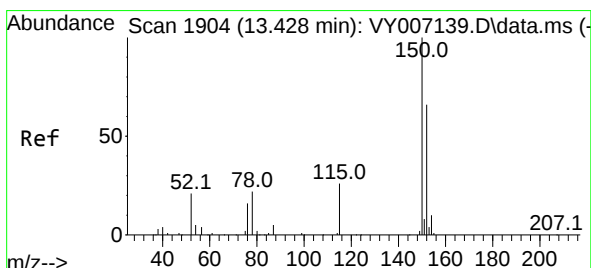
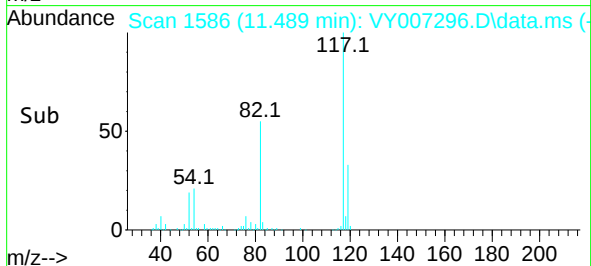
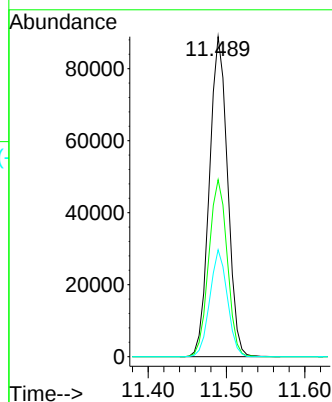
Tgt Ion:117 Resp: 143297

Ion Ratio Lower Upper

117 100

82 55.3 45.4 68.0

119 33.4 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY007296.D

Acq: 25 Jan 2022 17:42

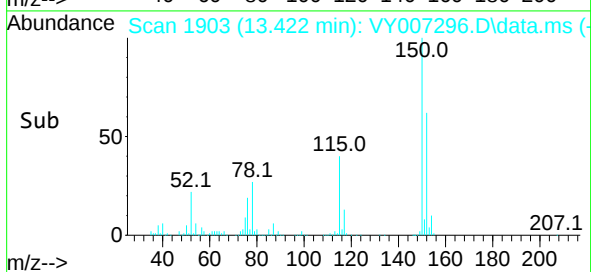
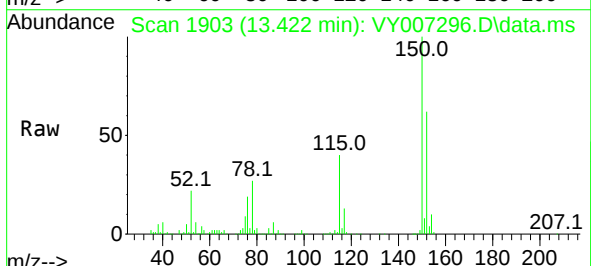
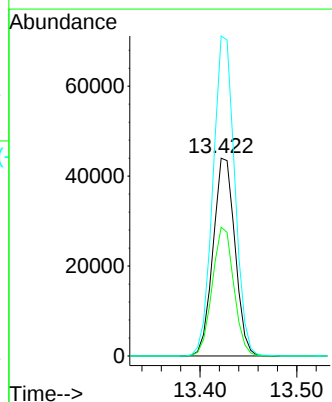
Tgt Ion:152 Resp: 69043

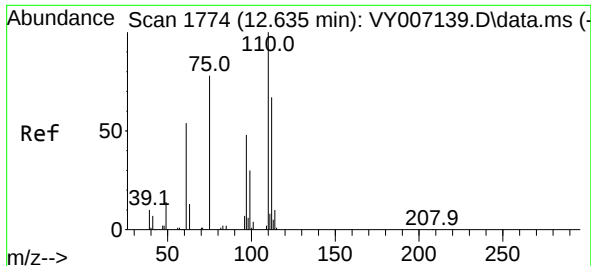
Ion Ratio Lower Upper

152 100

115 64.0 31.4 94.0

150 160.8 0.0 348.4

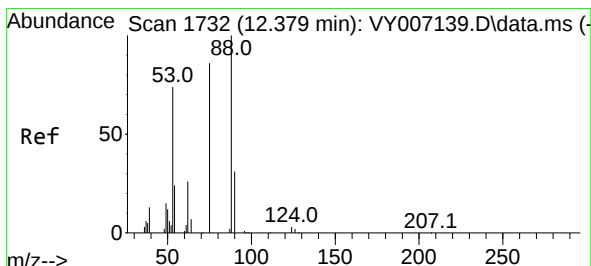
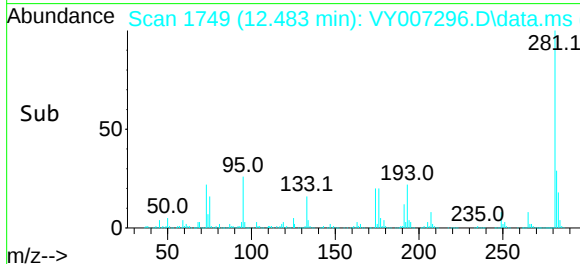
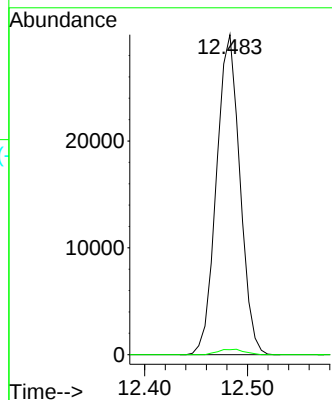
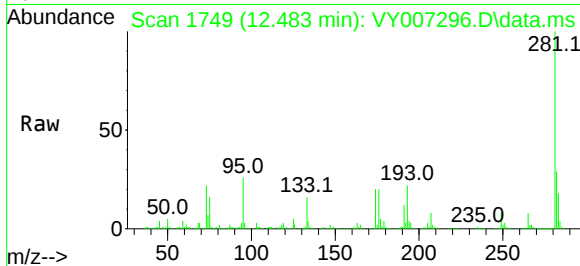




#76  
1,2,3-Trichloropropane  
Concen: 60.245 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.152 min  
Lab File: VY007296.D  
Acq: 25 Jan 2022 17:42

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 75 Resp: 47429  
Ion Ratio Lower Upper  
75 100  
77 1.9 0.0 0.0#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 110.291 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.104 min  
Lab File: VY007296.D  
Acq: 25 Jan 2022 17:42

Tgt Ion: 75 Resp: 47429  
Ion Ratio Lower Upper  
75 100  
53 0.1 73.9 110.9#  
89 6.2 0.0 0.0#

