

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY022625\  
 Data File : VY021340.D  
 Acq On : 26 Feb 2025 18:34  
 Operator : SY/MD  
 Sample : Q1420-03  
 Misc : 5.71g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-1-WC-VOC

Quant Time: Feb 27 00:41:43 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022525S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 26 02:09:13 2025  
 Response via : Initial Calibration

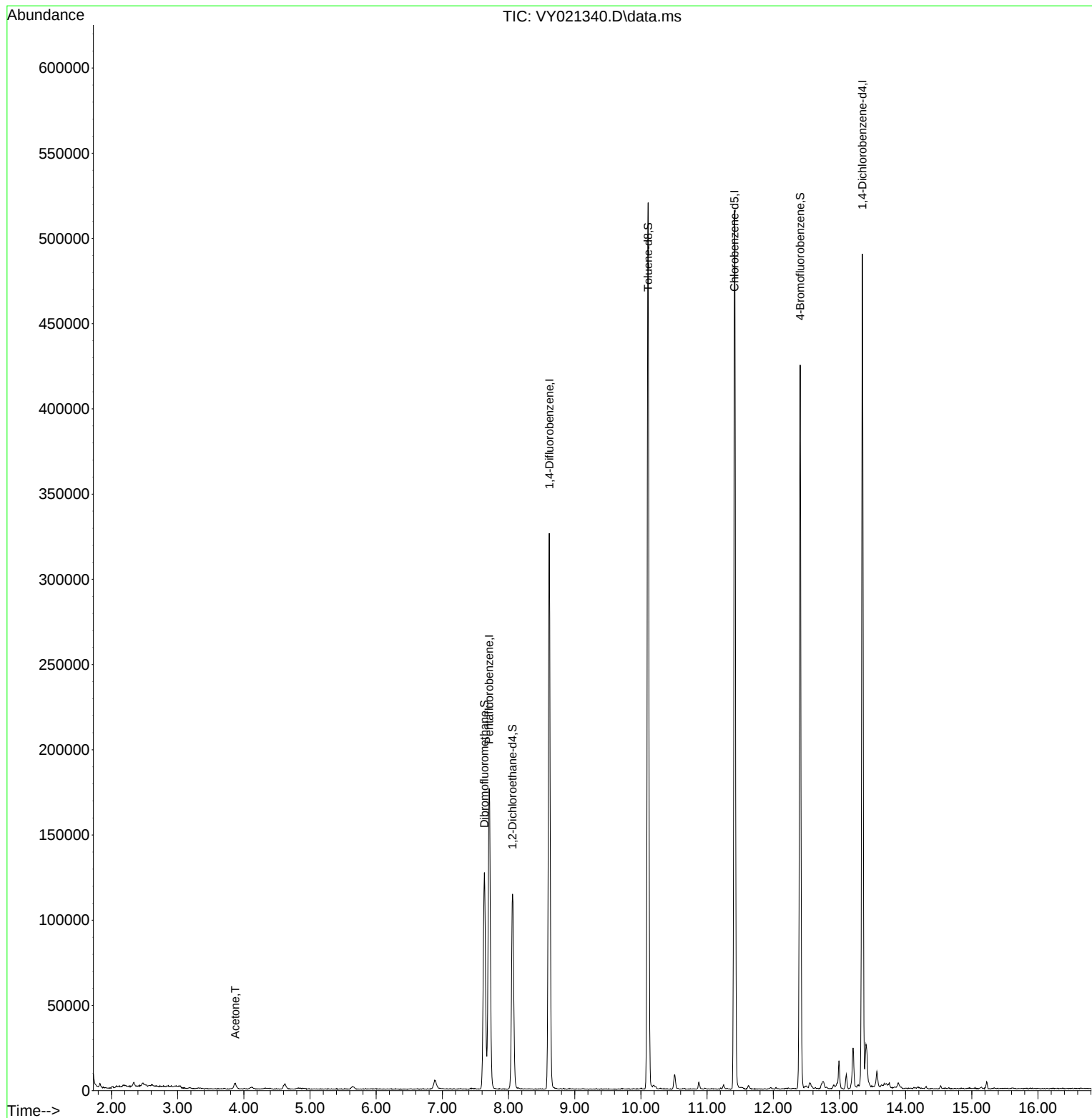
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|------------|-----------|
| -----                       |        |       |          |          |            |           |
| Internal Standards          |        |       |          |          |            |           |
| 1) Pentafluorobenzene       | 7.707  | 168   | 133486   | 50.000   | ug/l       | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 262468   | 50.000   | ug/l       | 0.00      |
| 63) Chlorobenzene-d5        | 11.414 | 117   | 265589   | 50.000   | ug/l       | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.346 | 152   | 116320   | 50.000   | ug/l       | 0.00      |
| System Monitoring Compounds |        |       |          |          |            |           |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 92483    | 61.074   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 122.140% |           |
| 35) Dibromofluoromethane    | 7.634  | 113   | 87427    | 50.807   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 101.620% |           |
| 50) Toluene-d8              | 10.109 | 98    | 326047   | 49.028   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 98.060%  |           |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 117905   | 52.681   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 105.360% |           |
| Target Compounds            |        |       |          |          |            |           |
| 16) Acetone                 | 3.872  | 43    | 5809     | 19.998   | ug/l       | Qvalue 95 |
| -----                       |        |       |          |          |            |           |

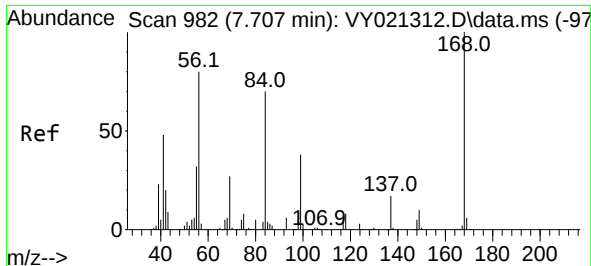
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1-WC-VOC

Quant Time: Feb 27 00:41:43 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022525S.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 26 02:09:13 2025  
Response via : Initial Calibration

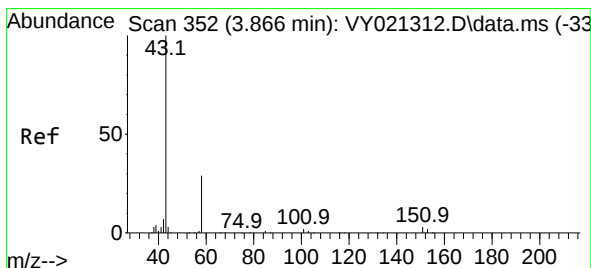
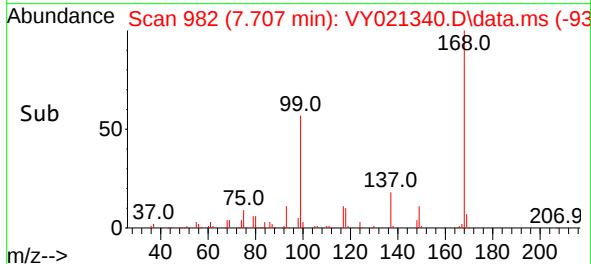
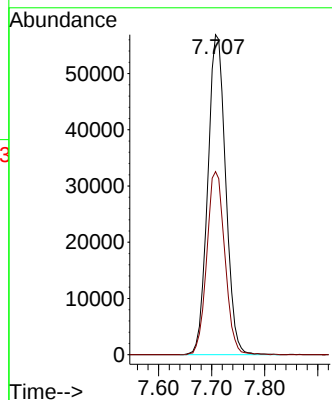
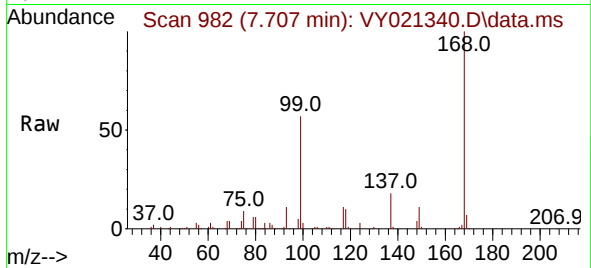




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY021340.D  
Acq: 26 Feb 2025 18:34

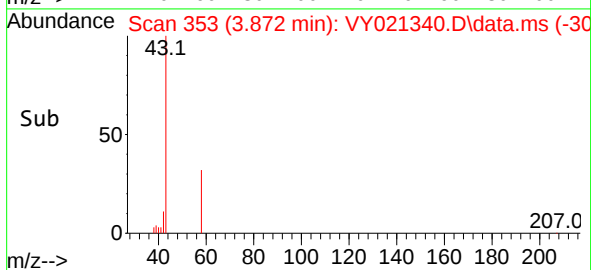
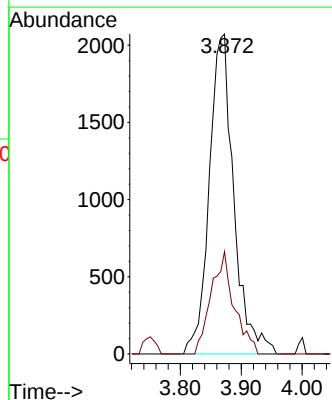
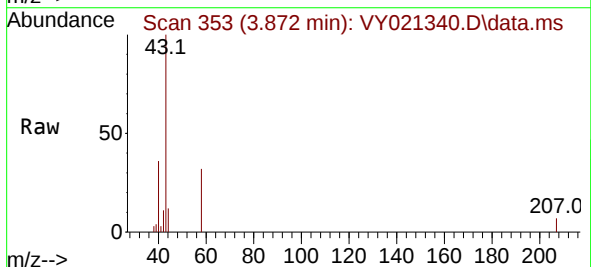
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1-WC-VOC

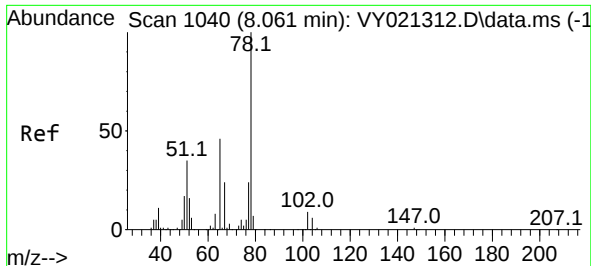
Tgt Ion:168 Resp: 133486  
Ion Ratio Lower Upper  
168 100  
99 57.2 47.1 70.7



#16  
Acetone  
Concen: 19.998 ug/l  
RT: 3.872 min Scan# 353  
Delta R.T. 0.006 min  
Lab File: VY021340.D  
Acq: 26 Feb 2025 18:34

Tgt Ion: 43 Resp: 5809  
Ion Ratio Lower Upper  
43 100  
58 32.0 23.5 35.3

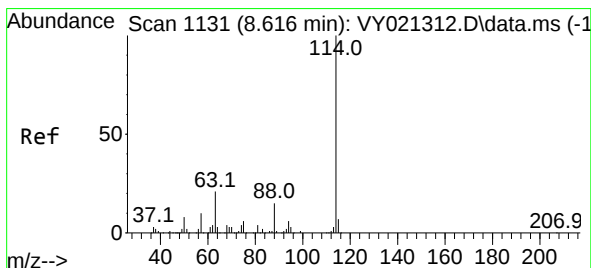
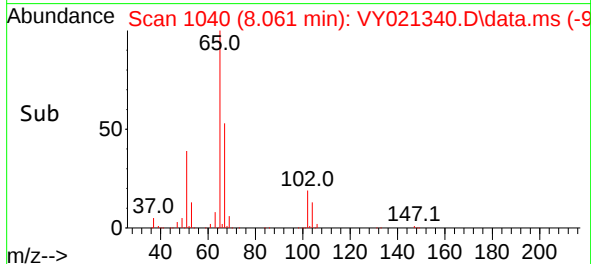
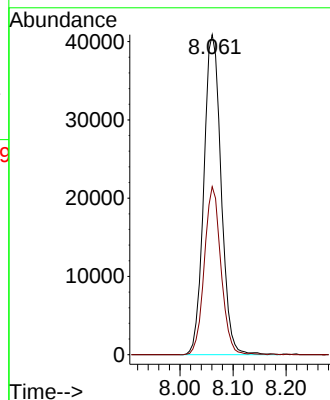
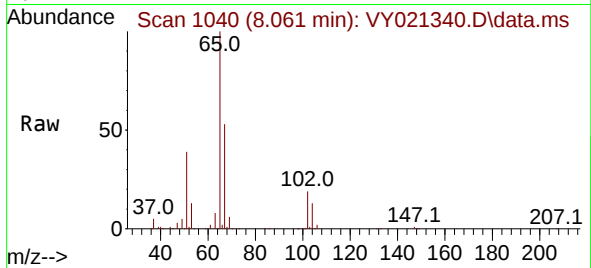




#33  
 1,2-Dichloroethane-d4  
 Concen: 61.074 ug/l  
 RT: 8.061 min Scan# 1040  
 Delta R.T. 0.000 min  
 Lab File: VY021340.D  
 Acq: 26 Feb 2025 18:34

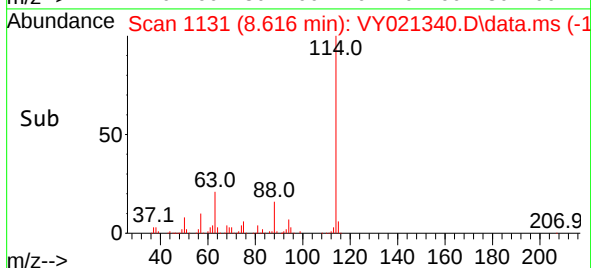
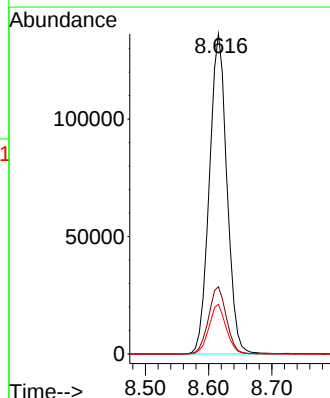
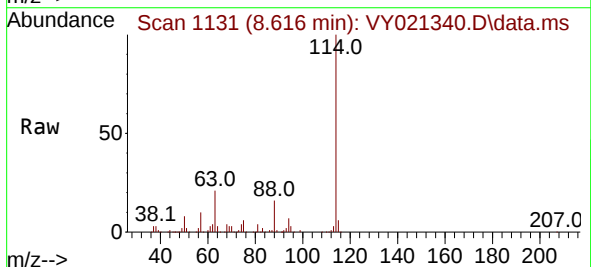
Instrument :  
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 ClientSampleId :  
 TP-1-WC-VOC

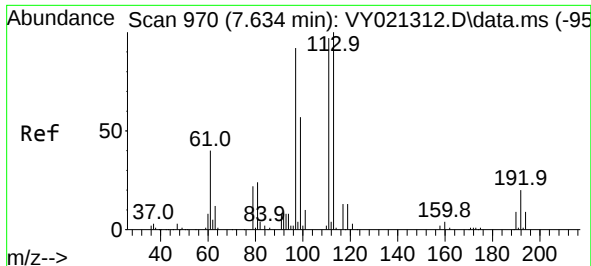
Tgt Ion: 65 Resp: 92483  
 Ion Ratio Lower Upper  
 65 100  
 67 50.3 0.0 103.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.616 min Scan# 1131  
 Delta R.T. 0.000 min  
 Lab File: VY021340.D  
 Acq: 26 Feb 2025 18:34

Tgt Ion: 114 Resp: 262468  
 Ion Ratio Lower Upper  
 114 100  
 63 21.0 0.0 42.2  
 88 15.5 0.0 29.8

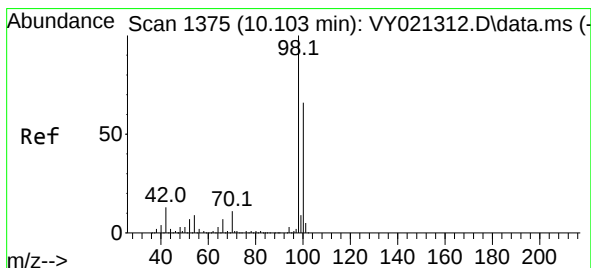
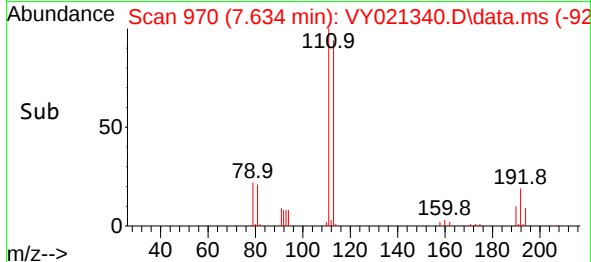
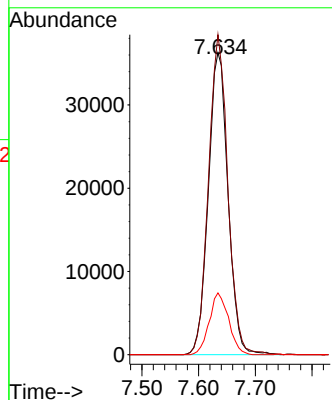
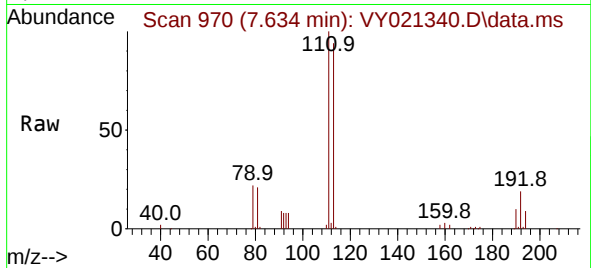




#35  
Dibromofluoromethane  
Concen: 50.807 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY021340.D  
Acq: 26 Feb 2025 18:34

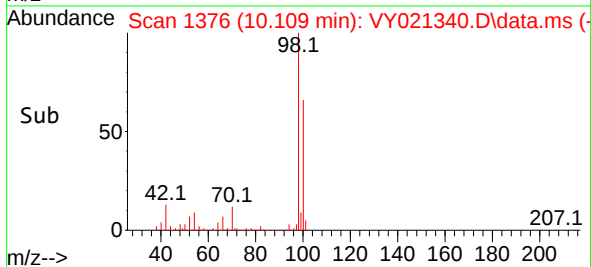
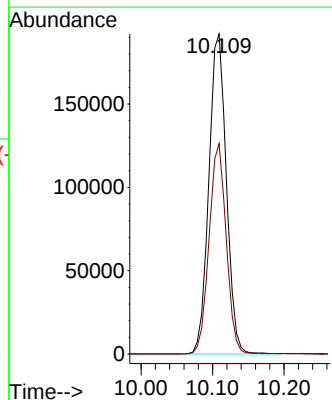
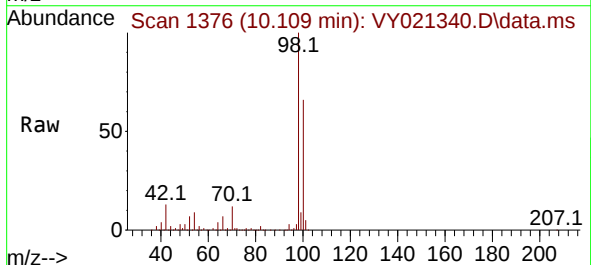
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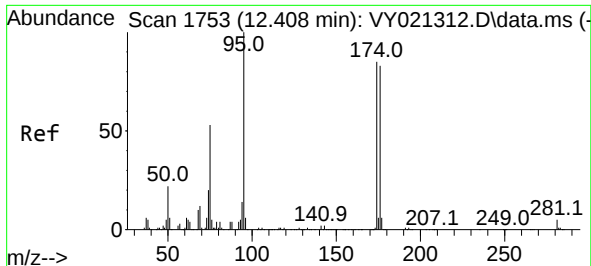
Tgt Ion:113 Resp: 87427  
Ion Ratio Lower Upper  
113 100  
111 104.1 81.0 121.6  
192 20.2 15.8 23.8



#50  
Toluene-d8  
Concen: 49.028 ug/l  
RT: 10.109 min Scan# 1376  
Delta R.T. 0.006 min  
Lab File: VY021340.D  
Acq: 26 Feb 2025 18:34

Tgt Ion: 98 Resp: 326047  
Ion Ratio Lower Upper  
98 100  
100 64.6 52.4 78.6

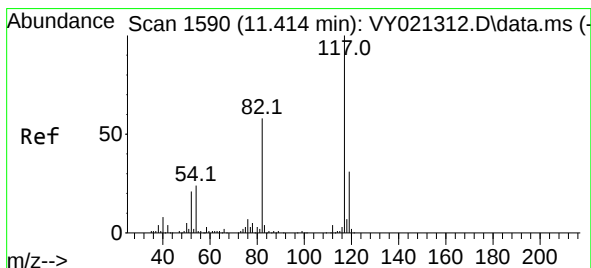
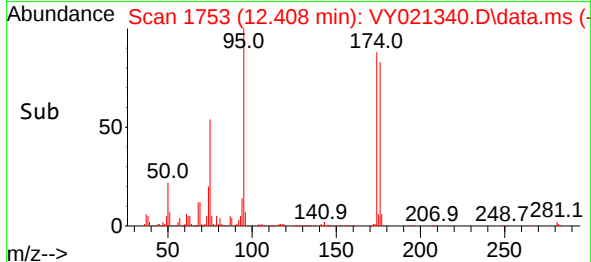
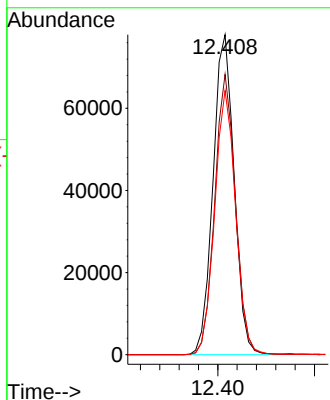
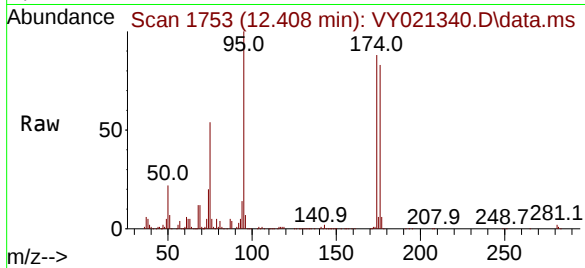




#62  
4-Bromofluorobenzene  
Concen: 52.681 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: VY021340.D  
Acq: 26 Feb 2025 18:34

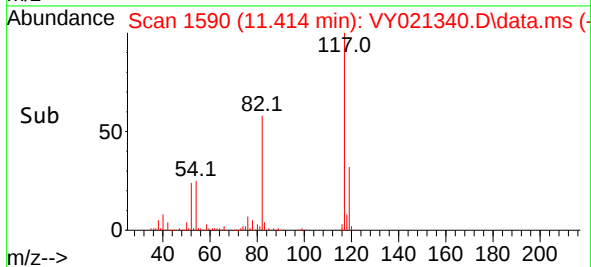
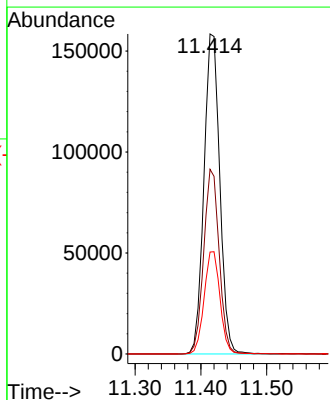
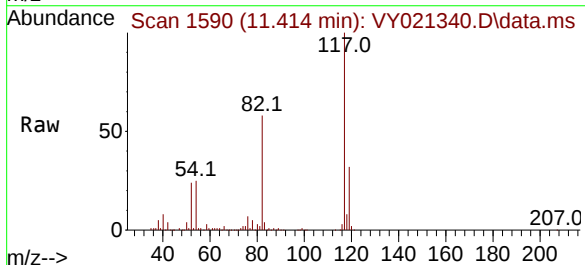
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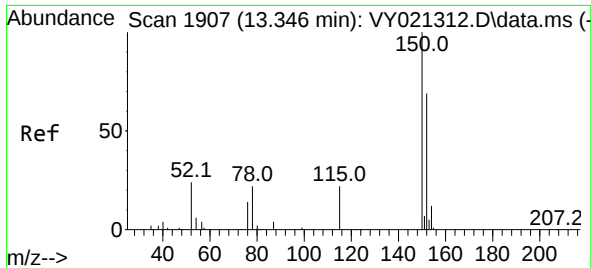
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 95    | Resp: | 117905 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 86.1  | 0.0   | 168.0  |
| 176       | 82.2  | 0.0   | 162.6  |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.414 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: VY021340.D  
Acq: 26 Feb 2025 18:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 265589 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 57.7  | 46.2  | 69.4   |
| 119       | 31.9  | 24.9  | 37.3   |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.346 min Scan# 1907  
 Delta R.T. 0.000 min  
 Lab File: VY021340.D  
 Acq: 26 Feb 2025 18:34

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-1-WC-VOC

Tgt Ion:152 Resp: 116320  
 Ion Ratio Lower Upper  
 152 100  
 115 58.6 29.3 88.0  
 150 157.3 0.0 347.4

