

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121323\  
 Data File : VW033289.D  
 Acq On : 13 Dec 2023 20:21  
 Operator : SY/MD  
 Sample : 05731-15  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EOY61

Quant Time: Dec 13 23:36:13 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR121323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Dec 13 23:30:39 2023  
 Response via : Initial Calibration

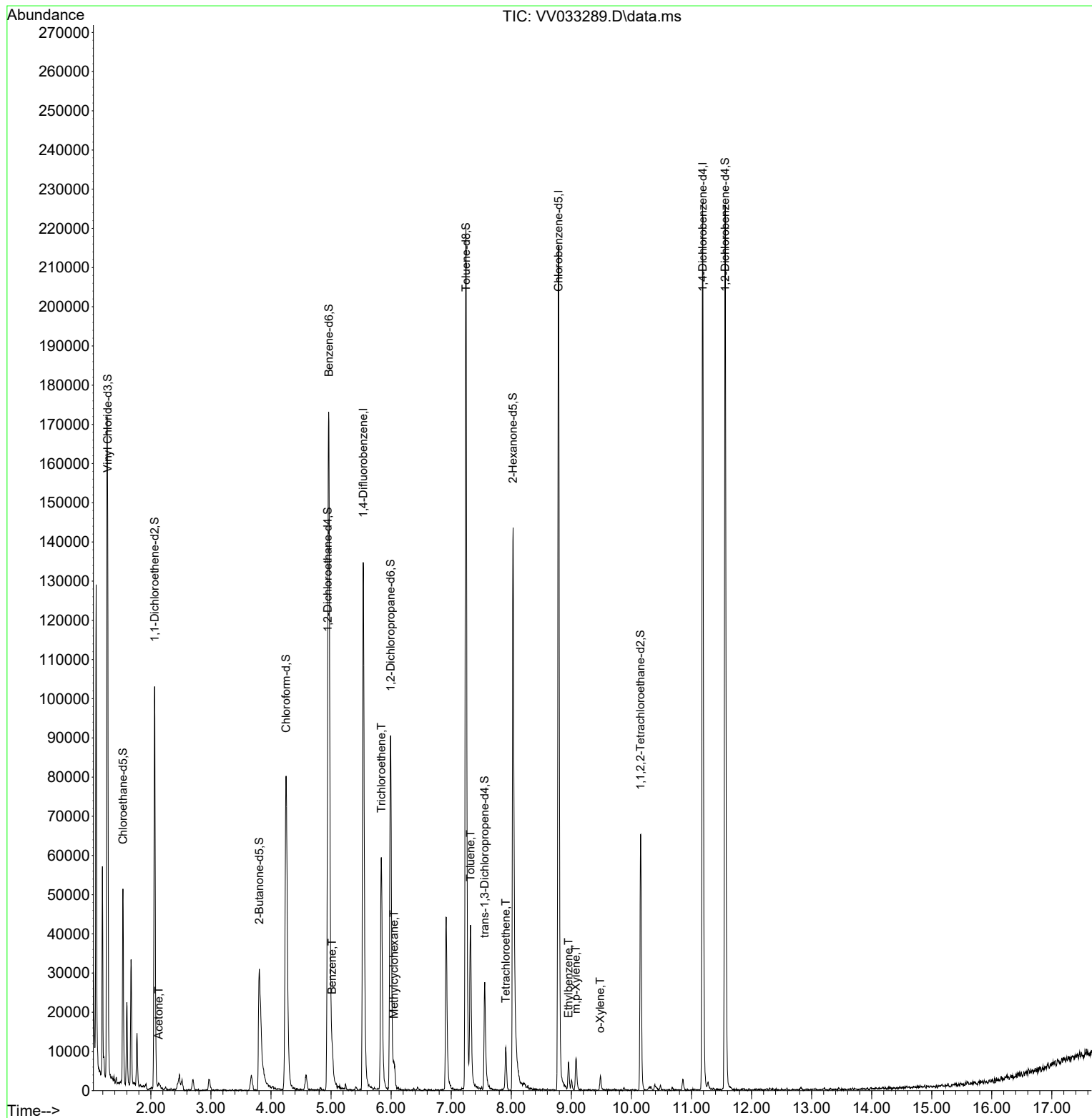
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114            | 130517   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117            | 132111   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152            | 67683    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.281  | 65             | 40106    | 4.793  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 95.800%  |          |
| 7) Chloroethane-d5            | 1.535  | 69             | 30677    | 4.930  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 98.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 65             | 16522    | 4.961  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 99.200%  |          |
| 20) 2-Butanone-d5             | 3.805  | 46             | 47117    | 47.586 | ug/L     | -0.02    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 95.180%  |          |
| 24) Chloroform-d              | 4.249  | 84             | 88159    | 5.052  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 101.000% |          |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65             | 42480    | 5.602  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 112.000% |          |
| 32) Benzene-d6                | 4.963  | 84             | 171390   | 5.015  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 100.400% |          |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67             | 40692    | 5.231  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 104.600% |          |
| 41) Toluene-d8                | 7.246  | 98             | 160442   | 4.818  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 96.400%  |          |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79             | 18006    | 5.074  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 101.400% |          |
| 46) 2-Hexanone-d5             | 8.030  | 63             | 57495    | 58.035 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 116.080% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152 | 84             | 28414    | 5.401  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 108.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152            | 65572    | 5.500  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 110.000% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 13) Acetone                   | 2.133  | 43             | 2543     | 3.629  | ug/L     | # 51     |
| 33) Benzene                   | 5.014  | 78             | 9246     | 0.261  | ug/L     | 100      |
| 34) Trichloroethene           | 5.837  | 95             | 21178    | 2.052  | ug/L     | 97       |
| 35) Methylcyclohexane         | 6.050  | 83             | 2926     | 0.191  | ug/L     | 91       |
| 42) Toluene                   | 7.323  | 91             | 32222    | 0.795  | ug/L     | 99       |
| 47) Tetrachloroethene         | 7.908  | 164            | 2461     | 0.252  | ug/L     | 93       |
| 52) Ethylbenzene              | 8.953  | 91             | 5987     | 0.132  | ug/L     | 91       |
| 53) m,p-Xylene                | 9.078  | 106            | 2799     | 0.150  | ug/L     | 99       |
| 54) o-Xylene                  | 9.480  | 106            | 1204     | 0.068  | ug/L     | 78       |

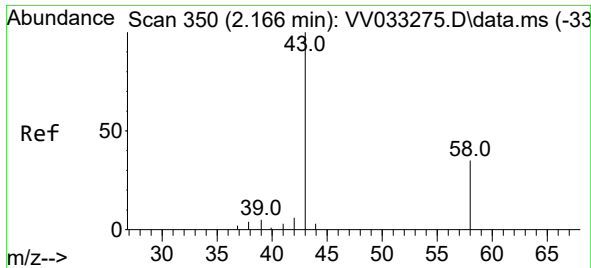
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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E0Y61

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Dec 13 23:30:39 2023  
Response via : Initial Calibration





#13

Acetone

Concen: 3.629 ug/L

RT: 2.133 min Scan# 34

Delta R.T. -0.032 min

Lab File: VV033289.D

Acq: 13 Dec 2023 20:21

Instrument :

MSVOA\_V

ClientSampleId :

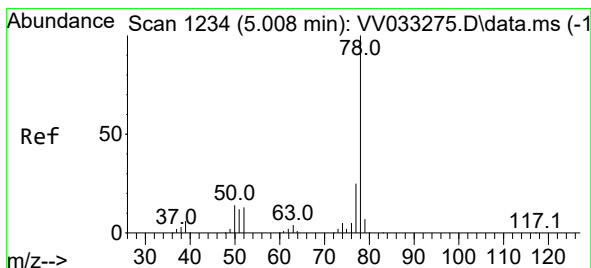
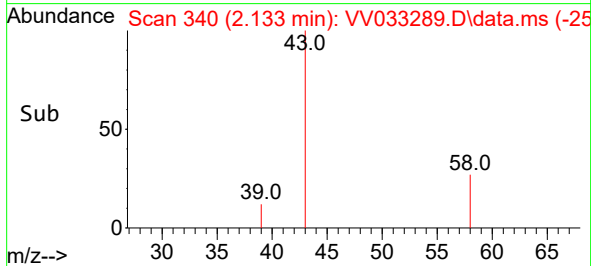
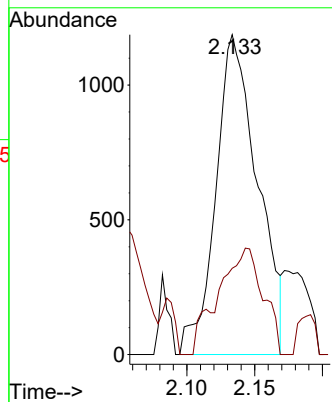
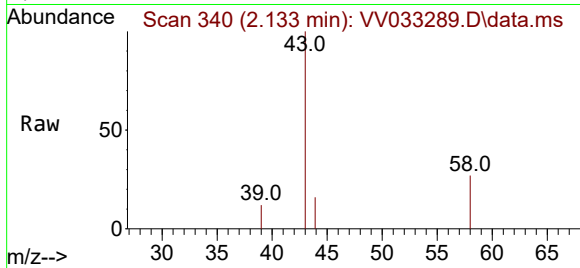
E0Y61

Tgt Ion: 43 Resp: 2543

Ion Ratio Lower Upper

43 100

58 35.6 0.0 30.2#



#33

Benzene

Concen: 0.261 ug/L

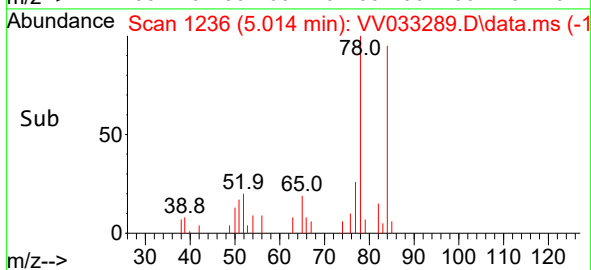
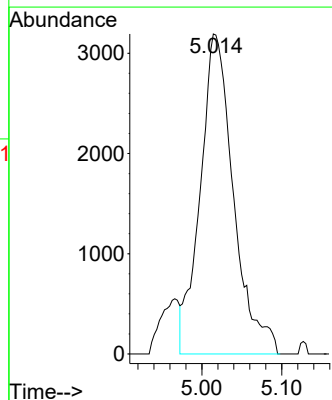
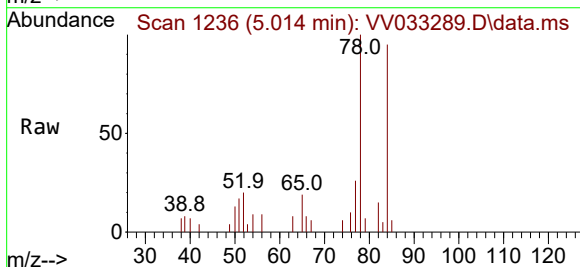
RT: 5.014 min Scan# 1236

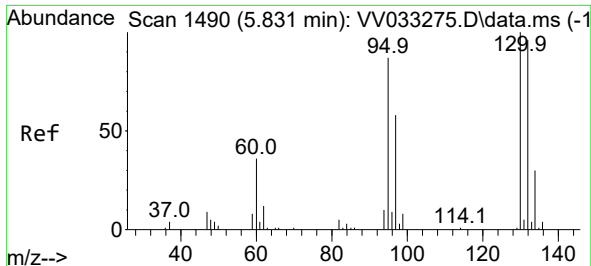
Delta R.T. 0.006 min

Lab File: VV033289.D

Acq: 13 Dec 2023 20:21

Tgt Ion: 78 Resp: 9246



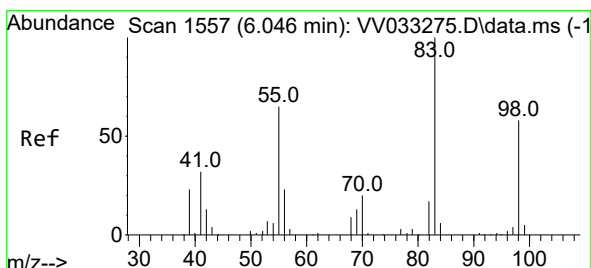
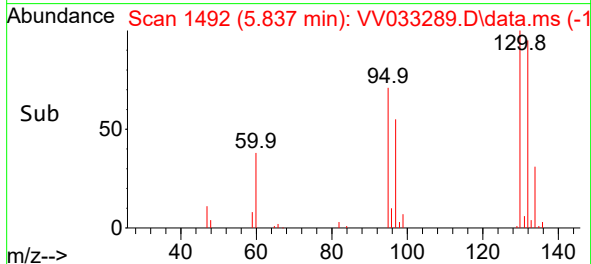
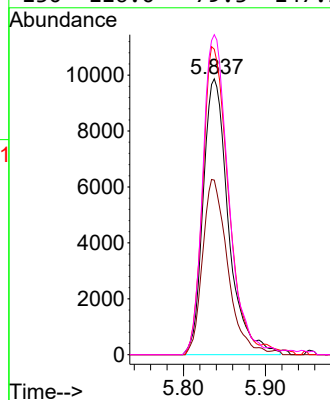
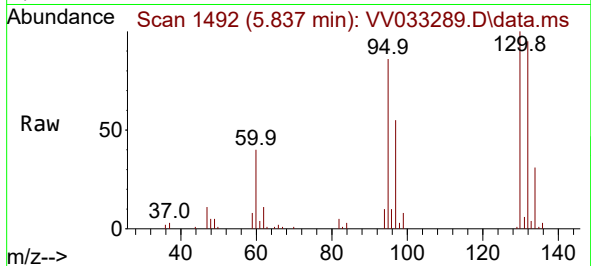


#34  
Trichloroethene  
Concen: 2.052 ug/L  
RT: 5.837 min Scan# 1492  
Delta R.T. 0.006 min  
Lab File: VV033289.D  
Acq: 13 Dec 2023 20:21

Instrument :  
MSVOA\_V  
ClientSampleId :  
E0Y61

Tgt Ion: 95 Resp: 21178

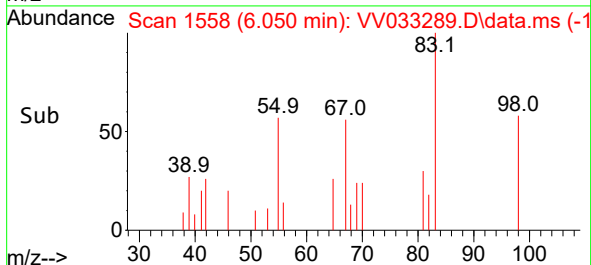
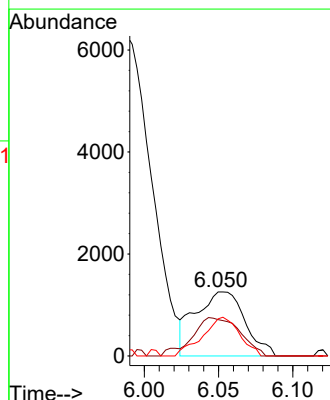
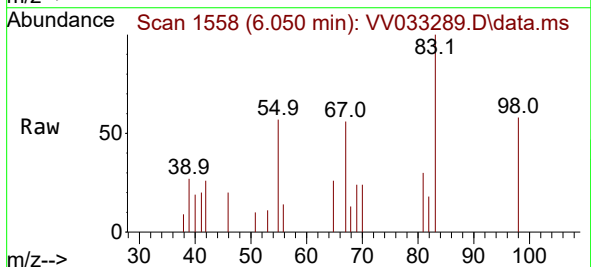
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 63.3  | 46.5  | 86.5  |
| 132 | 110.7 | 75.1  | 139.5 |
| 130 | 116.0 | 79.3  | 147.3 |

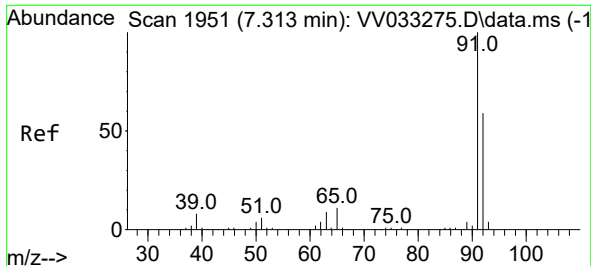


#35  
Methylcyclohexane  
Concen: 0.191 ug/L  
RT: 6.050 min Scan# 1558  
Delta R.T. 0.003 min  
Lab File: VV033289.D  
Acq: 13 Dec 2023 20:21

Tgt Ion: 83 Resp: 2926

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 57.6  | 50.7  | 76.1  |
| 98  | 44.8  | 42.4  | 63.6  |





#42

Toluene

Concen: 0.795 ug/L

RT: 7.323 min Scan# 1951

Delta R.T. 0.010 min

Lab File: VV033289.D

Acq: 13 Dec 2023 20:21

Instrument :

MSVOA\_V

ClientSampleId :

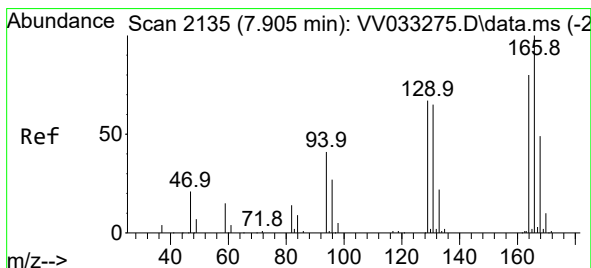
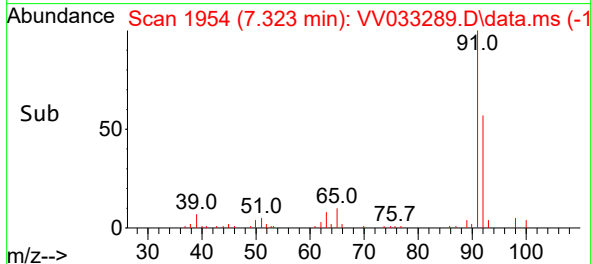
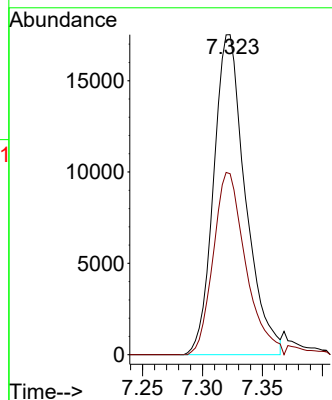
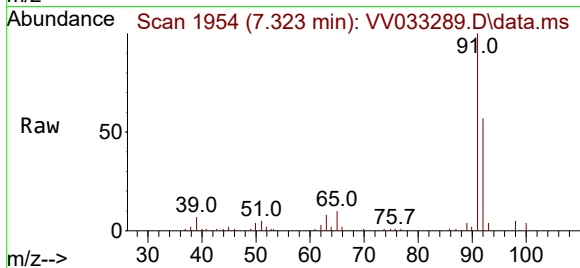
E0Y61

Tgt Ion: 91 Resp: 32222

Ion Ratio Lower Upper

91 100

92 56.5 40.2 74.6



#47

Tetrachloroethene

Concen: 0.252 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV033289.D

Acq: 13 Dec 2023 20:21

Tgt Ion: 164 Resp: 2461

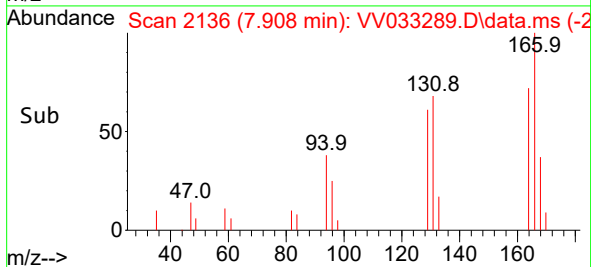
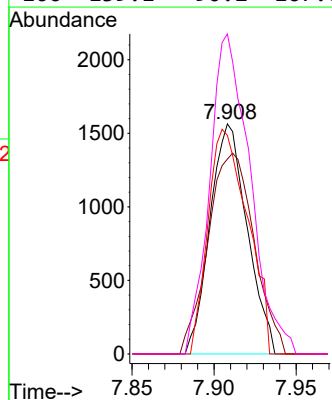
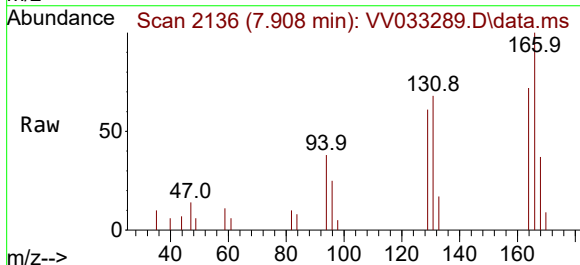
Ion Ratio Lower Upper

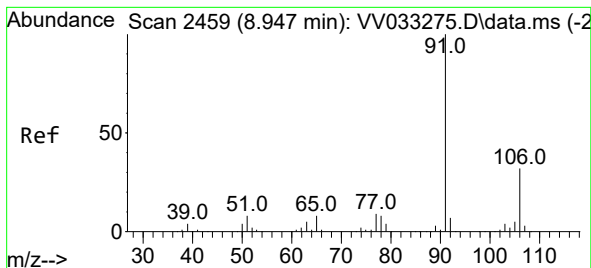
164 100

129 84.7 62.6 116.3

131 95.0 62.6 116.3

166 139.1 90.2 167.6





#52

Ethylbenzene

Concen: 0.132 ug/L

RT: 8.953 min Scan# 2459

Delta R.T. 0.006 min

Lab File: VV033289.D

Acq: 13 Dec 2023 20:21

Instrument :

MSVOA\_V

ClientSampleId :

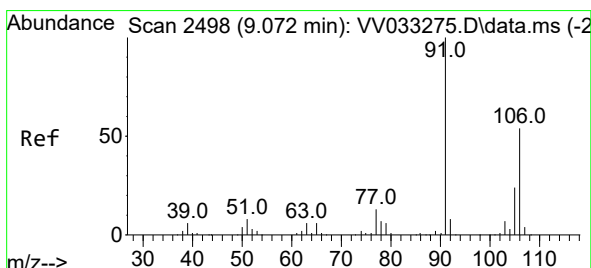
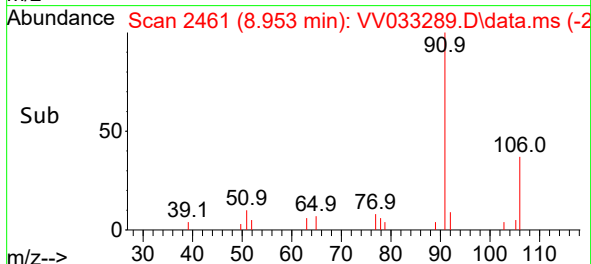
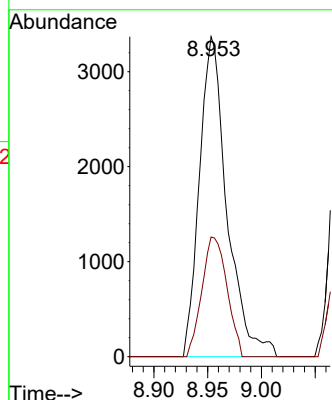
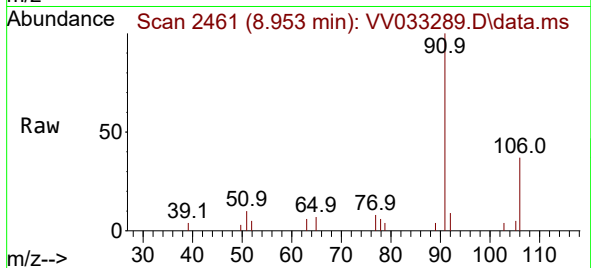
E0Y61

Tgt Ion: 91 Resp: 5987

Ion Ratio Lower Upper

91 100

106 37.4 22.7 42.3



#53

m,p-Xylene

Concen: 0.150 ug/L

RT: 9.078 min Scan# 2500

Delta R.T. 0.006 min

Lab File: VV033289.D

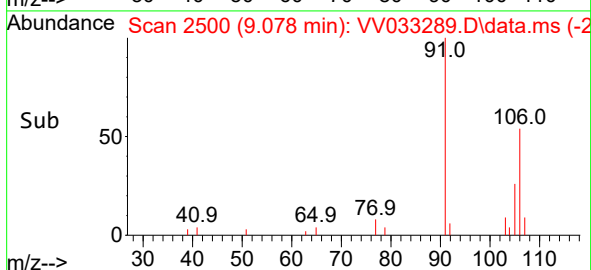
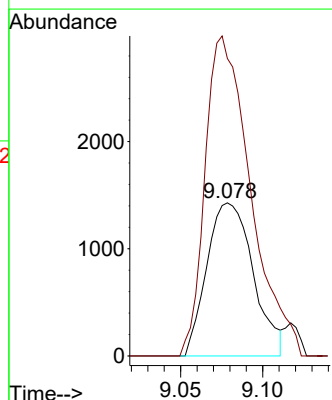
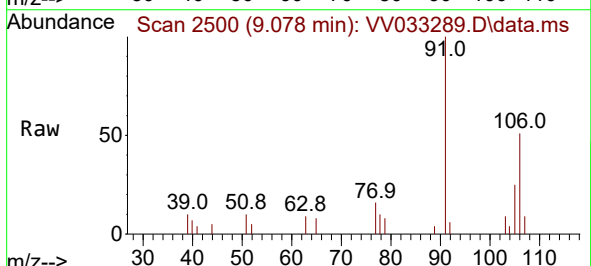
Acq: 13 Dec 2023 20:21

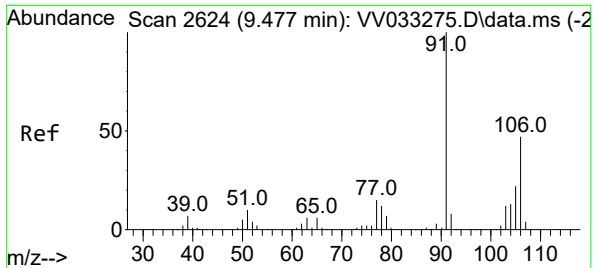
Tgt Ion:106 Resp: 2799

Ion Ratio Lower Upper

106 100

91 194.3 136.8 254.0





#54  
o-Xylene  
Concen: 0.068 ug/L  
RT: 9.480 min Scan# 20  
Delta R.T. 0.003 min  
Lab File: VV033289.D  
Acq: 13 Dec 2023 20:21

Instrument :  
MSVOA\_V  
ClientSampleId :  
E0Y61

Tgt Ion:106 Resp: 1204  
Ion Ratio Lower Upper  
106 100  
91 179.8 149.9 278.5

