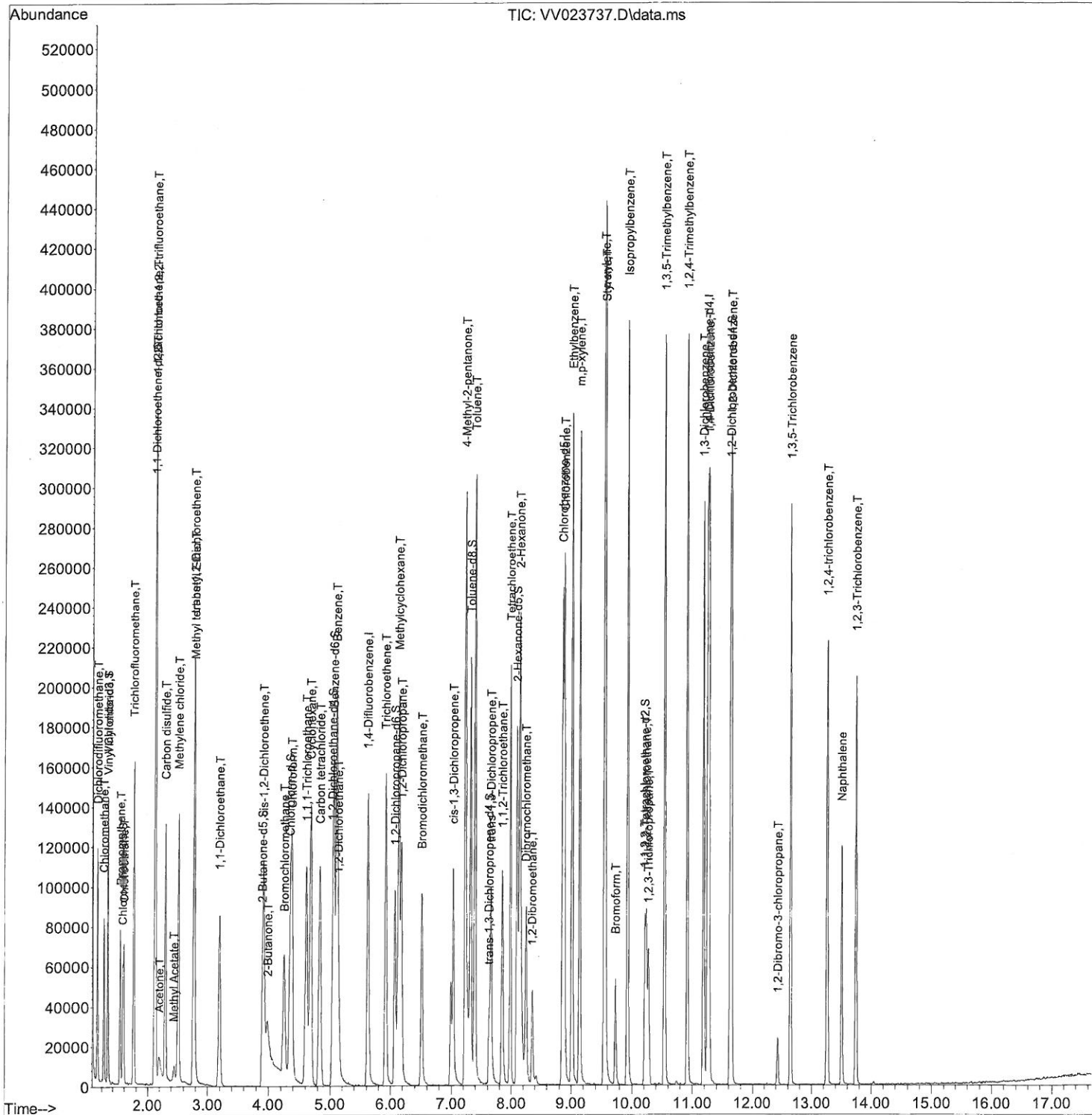Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023737.D
Acq On   : 26 Nov 2021 19:45
Operator : SY/MD
Sample   : VSTDCCC005EC
Misc   : 25.0mL/MSVOA_V/WATER
ALS Vial : 23   Sample Multiplier: 1

Quant Time: Nov 27 03:56:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 27 03:48:32 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

Reviewed By :John Carlone   11/29/2021
Supervised By :Mahesh Dadoda   11/29/2021

TIC: VV023737.D\data.ms

```
                        Quantitation Report (Qedit)


  Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
  Data File : VV023737.D
  Acq On    : 26 Nov 2021  19:45
  Operator  : SY/MD
  Sample    : VSTDCCC005EC
  Misc      : 25.0mL/MSVOA_V/WATER
  ALS Vial  : 23   Sample Multiplier: 1


  Quant Time: Nov 27 03:56:17 2021
  Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
  Quant Title  : TRACE VOA SFAM1.0
  QLast Update : Sat Nov 27 03:48:32 2021
  Response via : Initial Calibration
```
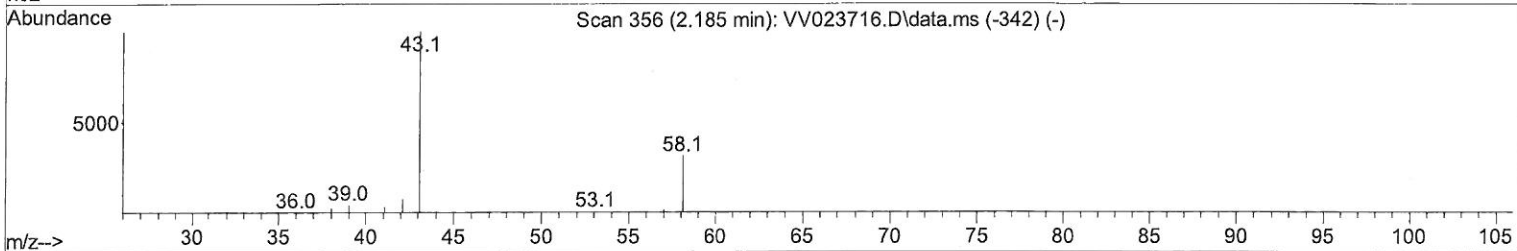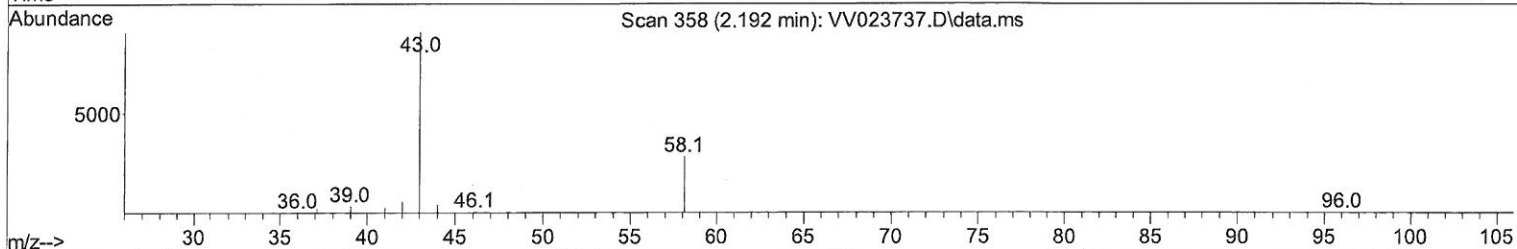
Ion 43.05 (42.75 to 43.75): VV023737.D\data.ms
Ion 58.05 (57.75 to 58.75): VV023737.D\data.ms

Scan 358 (2.192 min): VV023737.D\data.ms

Scan 356 (2.185 min): VV023716.D\data.ms (-342) (-)

TIC: VV023737.D\data.ms

```
  (13)  Acetone (T)

  2.192min (+ 0.007)  30.68 ug/L

  response      36060

     Ion       Exp%      Act%

    43.05     100.00    100.00

    58.05      20.70     30.73

     0.00       0.00      0.00

     0.00       0.00      0.00
```
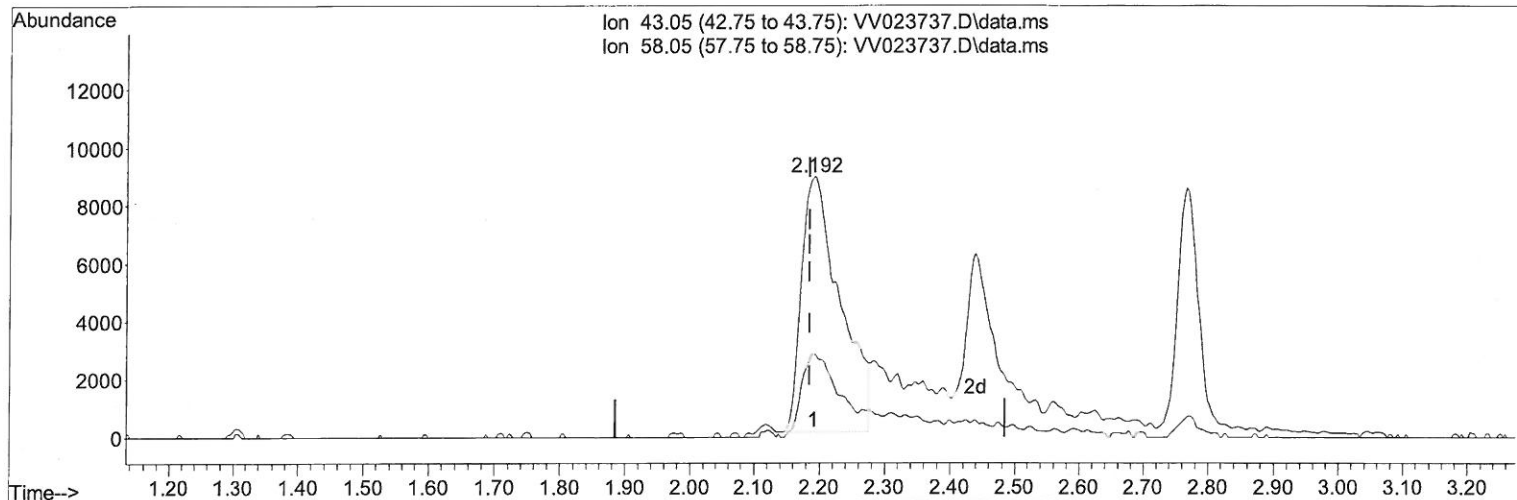
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023737.D
Acq On    : 26 Nov 2021  19:45
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```

Instrument :
MSVOA_V
LabSampleId :
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Manual IntegrationsAPPROVED

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(13) Acetone (T)

2.192min (+ 0.007)   44.38 ug/L m

response   52166

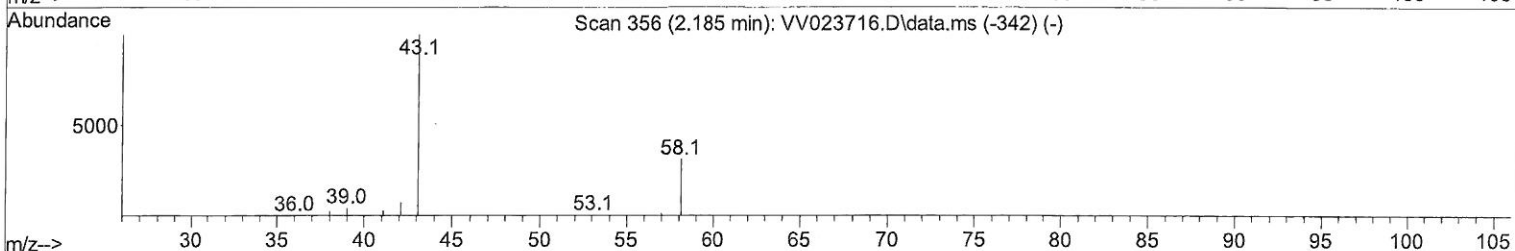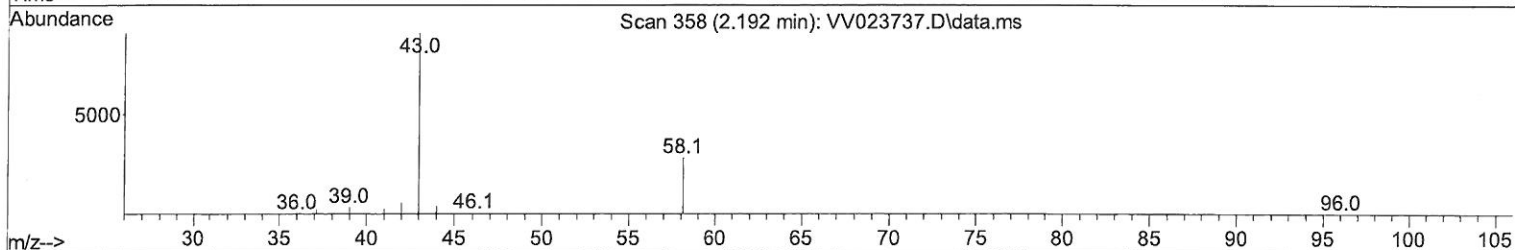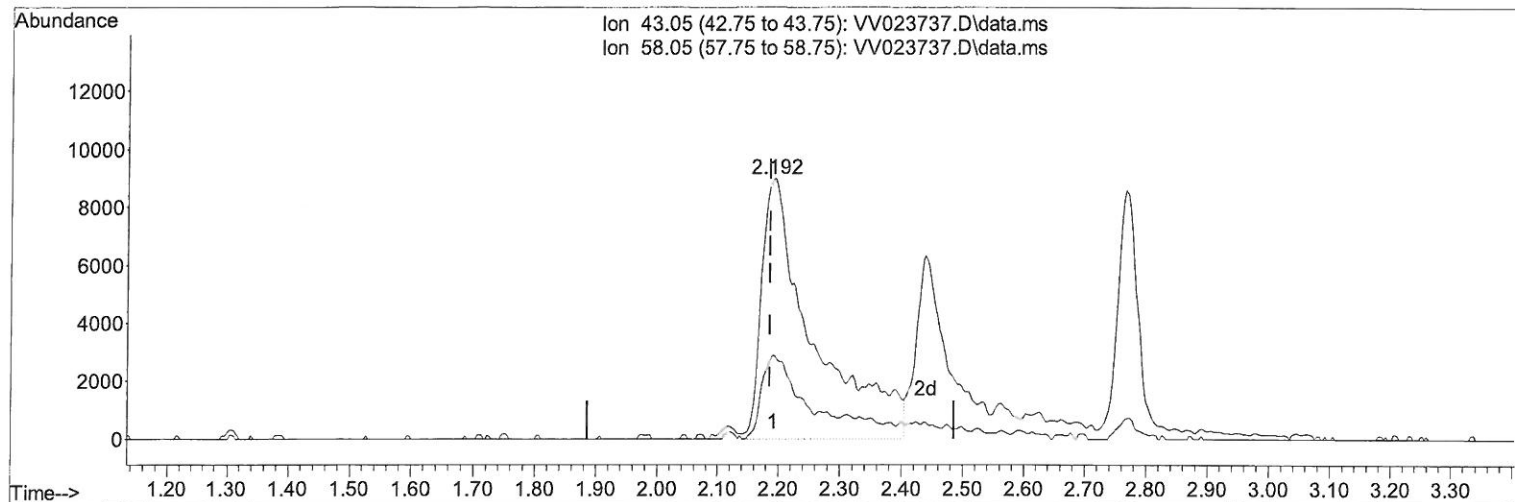| Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.70	21.24
0.00	0.00	0.00
0.00	0.00	0.00

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
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Acq On    : 26 Nov 2021  19:45
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Instrument :
MSVOA_V
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Manual IntegrationsAPPROVED
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```
        Compound              R.T. QIon  Response  Conc Units Dev(Min)
-----------------------------------------------------------------------
Internal Standards
  1) 1,4-Difluorobenzene      5.619  114  132376    5.000 ug/L    0.00
 28) Chlorobenzene-d5         8.854  117  131658    5.000 ug/L    0.00
 58) 1,4-Dichlorobenzene-d4  11.249  152   72891    5.000 ug/L    0.00

System Monitoring Compounds
  4) Vinyl Chloride-d3        1.307   65   34891    3.211 ug/L    0.00
  Spiked Amount     5.000  Range  40 - 130   Recovery   =   64.200%
  7) Chloroethane-d5          1.568   69   32488    3.803 ug/L    0.00
  Spiked Amount     5.000  Range  65 - 130   Recovery   =   76.000%
 11) 1,1-Dichloroethene-d2    2.111   63   70750    3.694 ug/L    0.00
  Spiked Amount     5.000  Range  60 - 125   Recovery   =   73.800%
 20) 2-Butanone-d5            3.896   46   62342   47.721 ug/L    0.00
  Spiked Amount    50.000  Range  40 - 130   Recovery   =   95.440%
 24) Chloroform-d             4.349   84   76541    4.045 ug/L    0.00
  Spiked Amount     5.000  Range  70 - 125   Recovery   =   80.800%
 26) 1,2-Dichloroethane-d4    5.034   65   40412    4.571 ug/L    0.00
  Spiked Amount     5.000  Range  70 - 130   Recovery   =   91.400%
 32) Benzene-d6               5.050   84  149984    4.182 ug/L    0.00
  Spiked Amount     5.000  Range  70 - 125   Recovery   =   83.600%
 36) 1,2-Dichloropropane-d6   6.069   67   44760    4.452 ug/L    0.00
  Spiked Amount     5.000  Range  60 - 140   Recovery   =   89.000%
 41) Toluene-d8               7.317   98  137177    4.094 ug/L    0.00
  Spiked Amount     5.000  Range  70 - 130   Recovery   =   81.800%
 43) trans-1,3-Dichloroprop... 7.625  79   18485    4.561 ug/L    0.00
  Spiked Amount     5.000  Range  55 - 130   Recovery   =   91.200%
 46) 2-Hexanone-d5            8.092   63   80056   59.453 ug/L    0.00
  Spiked Amount    50.000  Range  45 - 130   Recovery   =  118.900%
 56) 1,1,2,2-Tetrachloroeth... 10.217 84   37785    5.222 ug/L    0.00
  Spiked Amount     5.000  Range  65 - 120   Recovery   =  104.400%
 66) 1,2-Dichlorobenzene-d4  11.625  152   58969    4.576 ug/L    0.00
  Spiked Amount     5.000  Range  80 - 120   Recovery   =   91.600%

Target Compounds                                          Qvalue
  2) Dichlorodifluoromethane  1.130   85   61062    4.862 ug/L     99
  3) Chloromethane            1.240   50   53541    4.904 ug/L     98
  5) Vinyl chloride           1.311   62   57425    5.008 ug/L    100
  6) Bromomethane             1.523   94   30123    4.633 ug/L     99
  8) Chloroethane             1.587   64   33924    4.669 ug/L     97
  9) Trichlorofluoromethane   1.754  101   95077    5.089 ug/L     98
 10) 1,1,2-Trichloro-1,2,2-... 2.121 101   48208    5.149 ug/L     98
 12) 1,1-Dichloroethene       2.121   96   46687    5.264 ug/L     95
 13) Acetone                  2.192   43   52166m  44.377 ug/L
 14) Carbon disulfide         2.298   76  145622    4.885 ug/L    100
 15) Methyl Acetate           2.439   43   13356    5.006 ug/L     96
 16) Methylene chloride       2.510   84   58853    4.650 ug/L     98
 17) Methyl tert-butyl Ether  2.770   73   93298    5.133 ug/L     99
 18) trans-1,2-Dichloroethene 2.764   96   51276    5.076 ug/L     96
 19) 1,1-Dichloroethane       3.191   63   85963    5.061 ug/L     98
 21) 2-Butanone               3.986   43   61786   41.527 ug/L #   77
 22) cis-1,2-Dichloroethene   3.912   96   51631    5.329 ug/L     95
 23) Bromochloromethane       4.253  128   23271    5.118 ug/L     98
```

> MD 12/01/21

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Reviewed By :John Carlone   11/29/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.378	83	101396	5.358	ug/L	99
27) 1,2-Dichloroethane	5.130	62	52101	5.179	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	90684	5.271	ug/L	98
30) Cyclohexane	4.680	56	72630	5.059	ug/L	98
31) Carbon tetrachloride	4.831	117	82161	5.213	ug/L	98
33) Benzene	5.101	78	196915	5.246	ug/L	100
34) Trichloroethene	5.915	95	52299	5.201	ug/L	98
35) Methylcyclohexane	6.130	83	79931	5.099	ug/L	100
37) 1,2-Dichloropropane	6.175	63	45020	5.046	ug/L	100
38) Bromodichloromethane	6.510	83	63980	5.284	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	65489	5.158	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	234270	55.005	ug/L	99
42) Toluene	7.387	91	226147	5.556	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	56888	5.331	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	34613	5.603	ug/L	98
47) Tetrachloroethene	7.976	164	47071	5.143	ug/L	96
48) 2-Hexanone	8.140	43	173310	55.055	ug/L	98
49) Dibromochloromethane	8.246	129	45196	5.339	ug/L	97
50) 1,2-Dibromoethane	8.352	107	32563	5.405	ug/L	94
51) Chlorobenzene	8.883	112	143770	5.327	ug/L	99
52) Ethylbenzene	9.011	91	230756	5.423	ug/L	99
53) m,p-xylene	9.137	106	92428	5.458	ug/L	98
54) o-xylene	9.545	106	89087	5.532	ug/L	98
55) Styrene	9.561	104	153494	5.657	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	38975	5.670	ug/L	98
59) Bromoform	9.731	173	25322	5.260	ug/L	98
60) Isopropylbenzene	9.931	105	238999	5.491	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	26616	5.149	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	196818	5.435	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	198890	5.553	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	120314	5.407	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	119153	5.328	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	108931	5.349	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5436	5.295	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	92483	5.323	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	70612	5.238	ug/L	100
71) Naphthalene	13.503	128	93930	5.178	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	61787	5.290	ug/L	100

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