

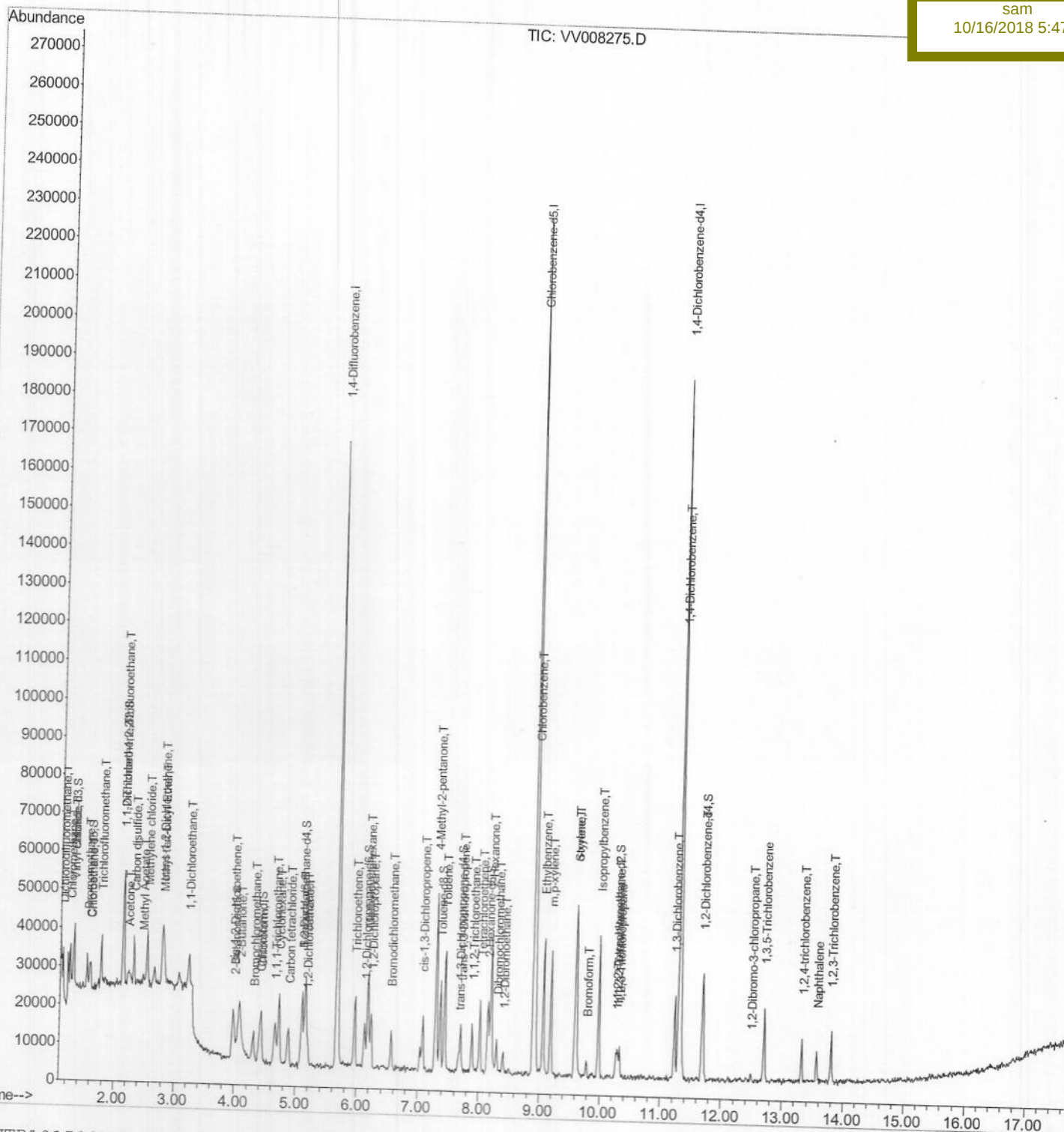
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
 Data File : VV008275.D
 Acq On : 15 Oct 2018 14:22
 Operator : SY/MD
 Sample : VSTD0.570
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 Client Sample ID :
 VSTD0.570

Quant Time: Oct 16 05:05:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM1.0
 QLast Update : Tue Oct 16 04:38:02 2018
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sam
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Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
Data File : VV008275.D

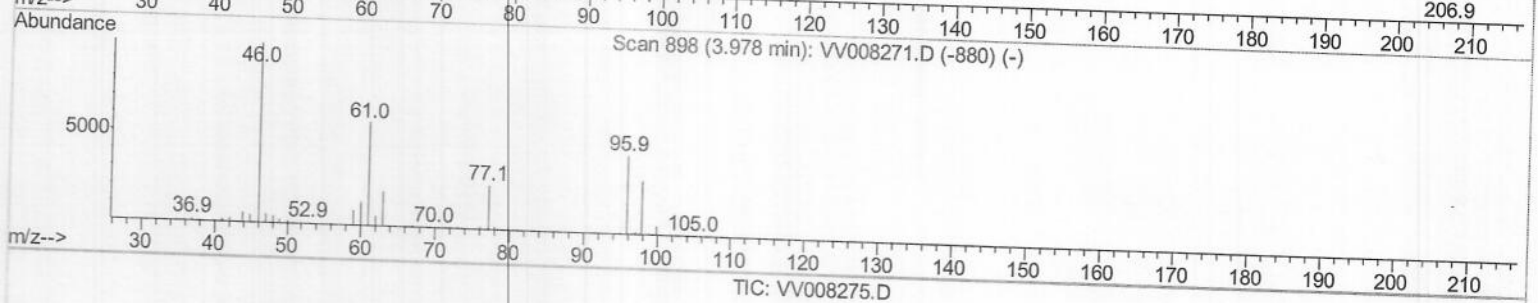
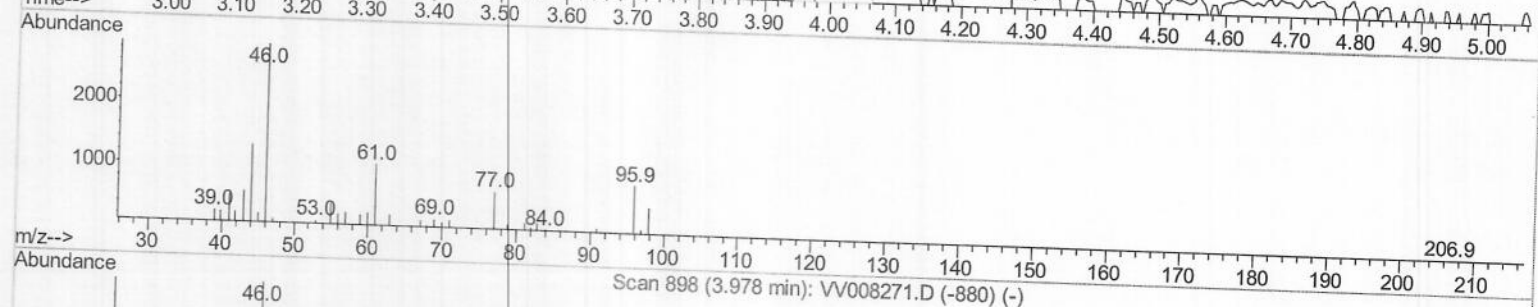
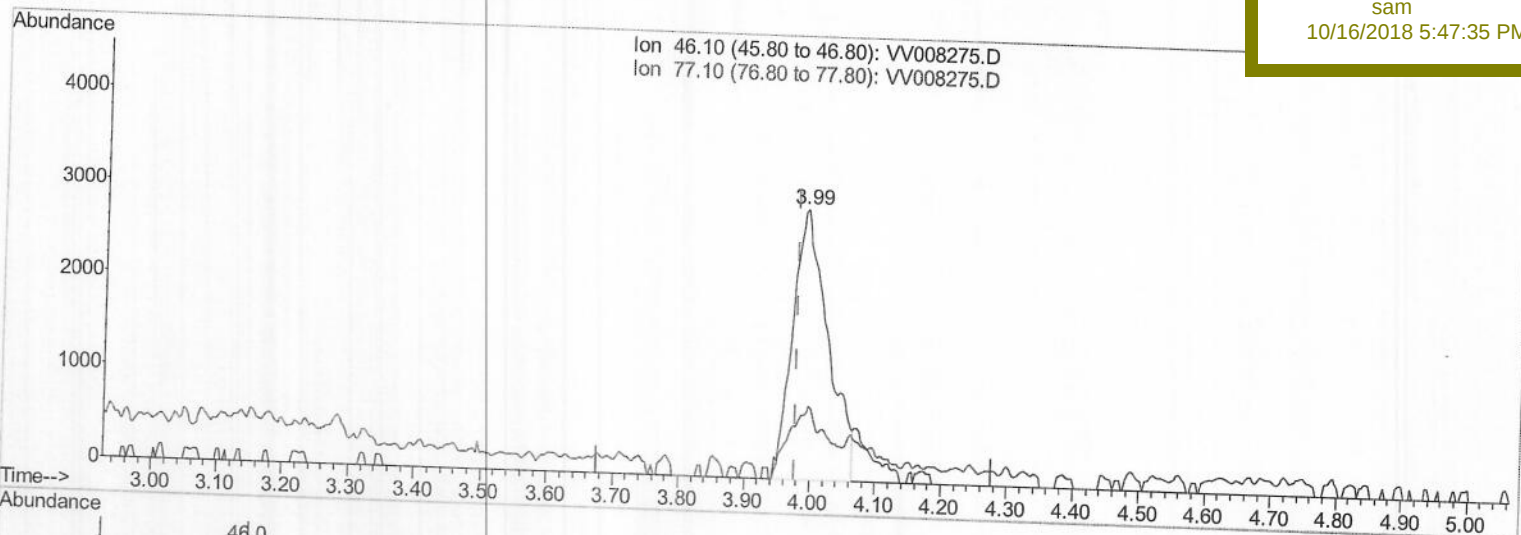
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Operator : SY/MD
Sample : VSTD0.570
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 16 04:42:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 16 04:38:02 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.570

Manual Integrations
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(20) 2-Butanone-d5 (S)

3.990min (+0.013) 5.04ug/L

response 10790

Ion	Exp%	Act%
46.10	100	100
77.10	24.30	19.29
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

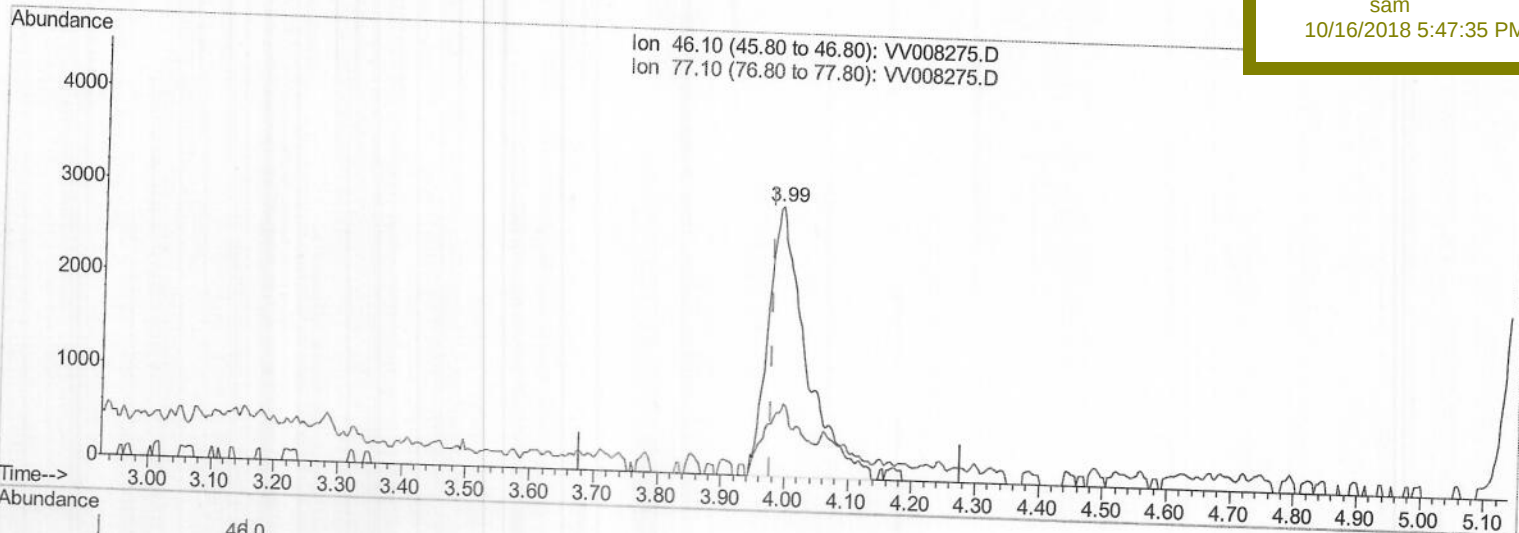
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Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.570

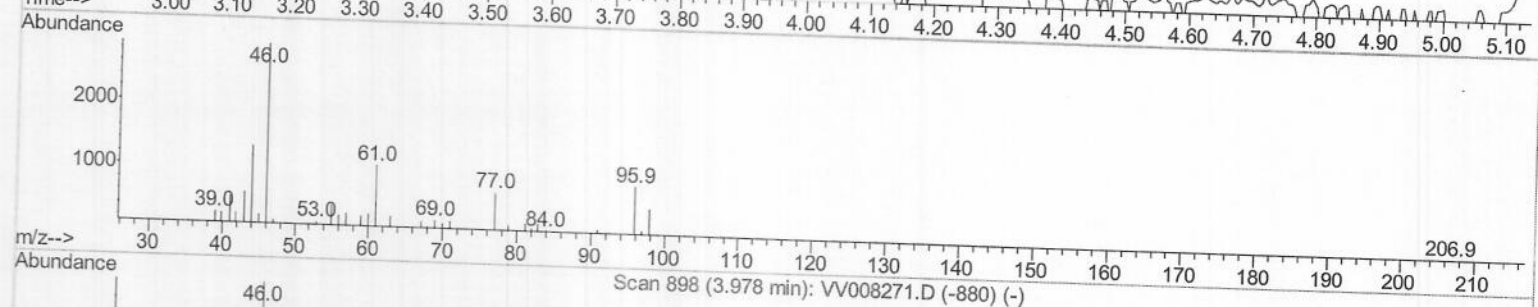
Manual Integrations
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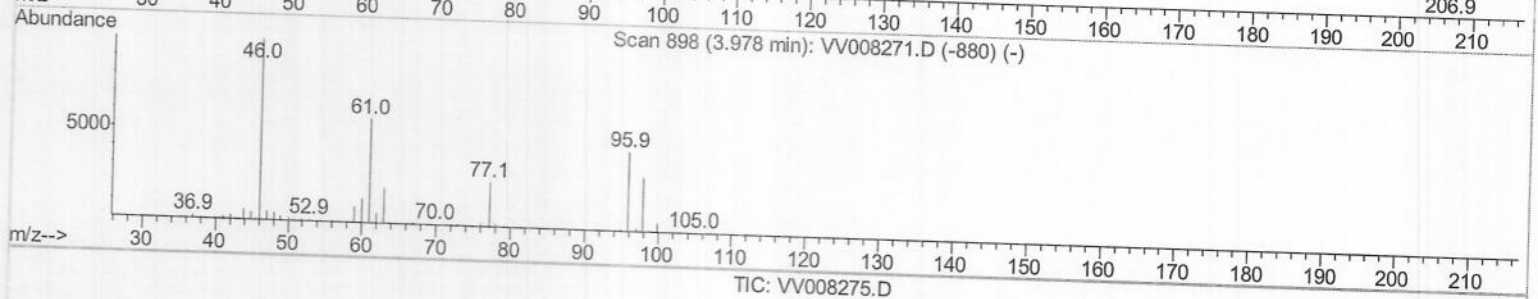
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Ion 46.10 (45.80 to 46.80): VV008275.D
 Ion 77.10 (76.80 to 77.80): VV008275.D



Scan 898 (3.978 min): VV008271.D (-880) (-)



TIC: VV008275.D

(20) 2-Butanone-d5 (S)

3.990min (+0.013) 5.59ug/L m

response 11979

Ion	Exp%	Act%
46.10	100	100
77.10	24.30	17.37
0.00	0.00	0.00
0.00	0.00	0.00

m.D
10/17/18

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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 Client Sampled :
 VSTD0.570

Manual Integrations
 APPROVED

sam
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Quant Time: Oct 16 05:05:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.67	114	135979	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	119867	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49183	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	3638	0.44	ug/L	0.00
7) Chloroethane-d5	1.58	69	3375	0.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	7530	0.47	ug/L	0.00
20) 2-Butanone-d5	3.99	46	11979m	5.59	ug/L	0.01
24) Chloroform-d	4.41	84	8089	0.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	4159	0.48	ug/L	0.00
32) Benzene-d6	5.10	84	16999	0.54	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	5321	0.52	ug/L	0.00
41) Toluene-d8	7.36	98	15019	0.50	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2652	0.73	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	7325	5.20	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	3546	0.51	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	4696	0.50	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.14	85	6224	0.670	ug/L	92
3) Chloromethane	1.25	50	6175	0.748	ug/L	99
5) Vinyl chloride	1.32	62	5718	0.645	ug/L	99
6) Bromomethane	1.54	94	3399	0.778	ug/L	94
8) Chloroethane	1.60	64	2847	0.499	ug/L	87
9) Trichlorofluoromethane	1.77	101	6979	0.487	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3782	0.450	ug/L	98
12) 1,1-Dichloroethene	2.14	96	3633	0.508	ug/L	80
13) Acetone	2.23	43	7880	5.704	ug/L	52
14) Carbon disulfide	2.32	76	12813	0.660	ug/L #	91
15) Methyl Acetate	2.48	43	2048	0.634	ug/L #	90
16) Methylene chloride	2.54	84	5196	0.600	ug/L	90
17) Methyl tert-butyl Ether	2.82	73	10492	0.567	ug/L #	90
18) trans-1,2-Dichloroethene	2.79	96	4241	0.543	ug/L	97
19) 1,1-Dichloroethane	3.23	63	7431	0.496	ug/L #	88
21) 2-Butanone	4.07	43	15833	6.647	ug/L	89
22) cis-1,2-Dichloroethene	3.96	96	6623	0.702	ug/L #	98
23) Bromochloromethane	4.30	128	2257	0.549	ug/L	86
25) Chloroform	4.43	83	9748	0.581	ug/L	98
27) 1,2-Dichloroethane	5.19	62	5434	0.551	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	8708	0.644	ug/L	94
30) Cyclohexane	4.72	56	9930	0.789	ug/L	88
31) Carbon tetrachloride	4.87	117	6941	0.577	ug/L	100
33) Benzene	5.15	78	22824	0.711	ug/L	100
34) Trichloroethene	5.96	95	6694	0.717	ug/L	98
35) Methylcyclohexane	6.18	83	10739	0.790	ug/L	98
37) 1,2-Dichloropropane	6.23	63	5796	0.661	ug/L #	97
38) Bromodichloromethane	6.56	83	6498	0.617	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	8397	0.733	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	36740	7.229	ug/L	100

M.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	23309	0.691	uq/L	96
44) trans-1,3-Dichloropropene	7.70	75	6902	0.747	uq/L	95
45) 1,1,2-Trichloroethane	7.89	97	3535	0.597	uq/L	95
47) Tetrachloroethene	8.02	164	3812	0.495	uq/L	96
48) 2-Hexanone	8.20	43	26228	7.452	uq/L	99
49) Dibromochloromethane	8.29	129	4232	0.581	uq/L	95
50) 1,2-Dibromoethane	8.40	107	3327	0.615	uq/L #	85
51) Chlorobenzene	8.93	112	13325	0.582	uq/L	92
52) Ethylbenzene	9.06	91	25415	0.688	uq/L	97
53) m,p-xylene	9.19	106	8757	0.630	uq/L	90
54) o-xylene	9.59	106	9363	0.701	uq/L	92
55) Styrene	9.61	104	14456	0.648	uq/L	97
56) Isopropylbenzene	9.98	105	23997	0.664	uq/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	4264	0.616	uq/L #	98
59) 1,2,3-Trichloropropane	10.32	75	3222	0.639	uq/L #	80
61) Bromoform	9.77	173	1788	0.568	uq/L #	94
62) 1,3-Dichlorobenzene	11.23	146	8922	0.590	uq/L	92
63) 1,4-Dichlorobenzene	11.32	146	9309	0.614	uq/L	94
65) 1,2-Dichlorobenzene	11.70	146	9140	0.628	uq/L	96
66) 1,2-Dibromo-3-chloropropan	12.49	75	673	0.820	uq/L #	85
67) 1,3,5-Trichlorobenzene	12.70	180	5506	0.451	uq/L	98
68) 1,2,4-trichlorobenzene	13.32	180	3414	0.381	uq/L	98
69) Naphthalene	13.56	128	6790	0.548	uq/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	3885	0.453	uq/L	99

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