

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR100518\
 Data File : VR025954.D
 Acq On : 5 Oct 2018 13:16
 Operator : SY/MD
 Sample : J5276-01
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEY98

Quant Time: Oct 06 04:53:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 04:21:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	440443	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	370879	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	121156	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	125808	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	2.63	69	124457	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	3.63	63	231848	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	6.59	46	209086	54.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.00%
24) Chloroform-d	7.20	84	248466	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	7.90	65	114782	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	7.85	84	454629	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.60%
36) 1,2-Dichloropropane-d6	8.90	67	140323	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	9.97	98	403063	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.60%#
43) trans-1,3-Dichloropropene-	10.24	79	30978	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	10.59	63	149941	52.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.14%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	59349	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	85116	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

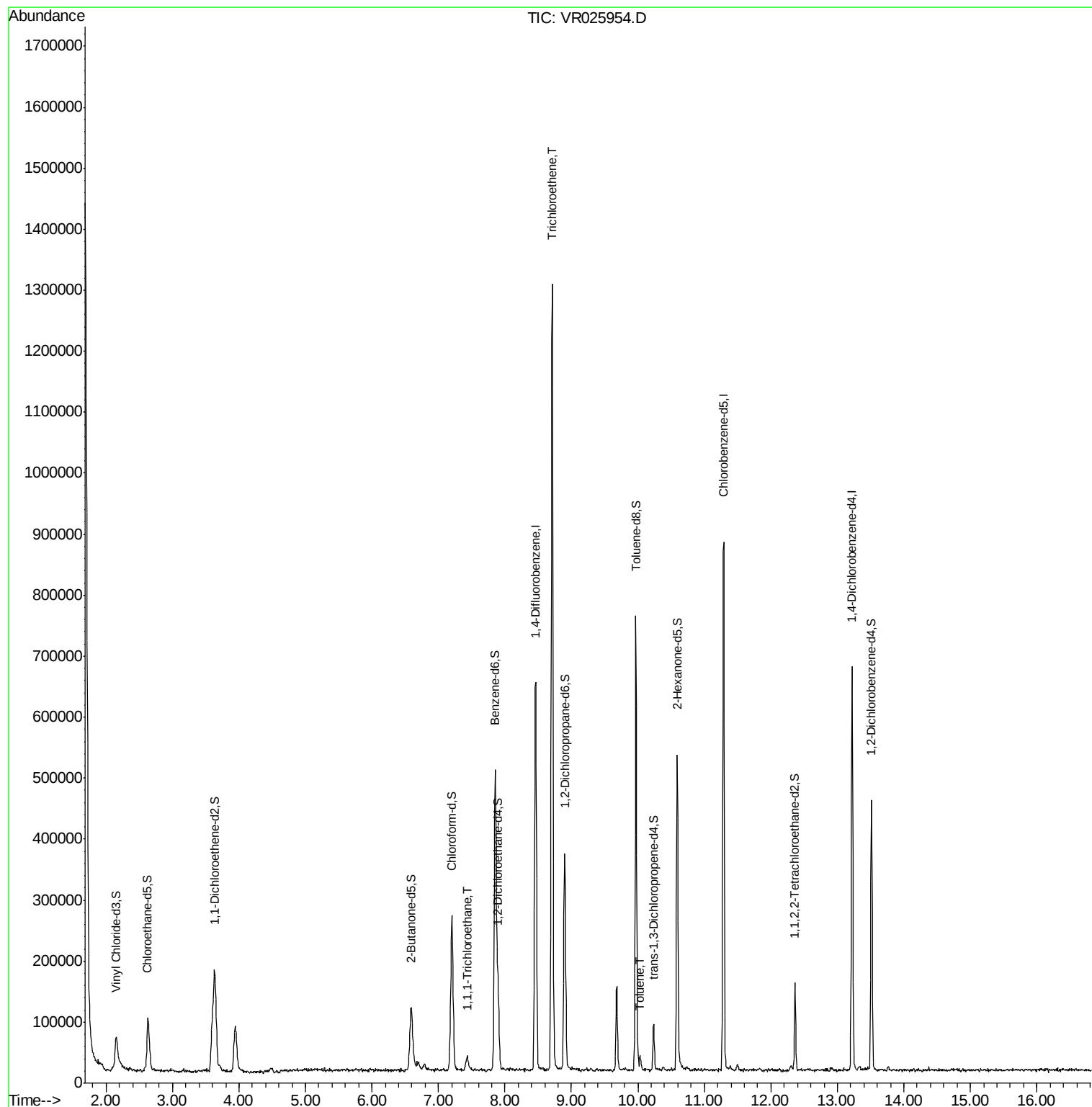
Target Compounds					Qvalue
29) 1,1,1-Trichloroethane	7.43	97	19284	0.462 ug/L #	89
34) Trichloroethene	8.71	95	411485	12.554 ug/L	93
42) Toluene	10.04	91	12252	0.095 ug/L	86

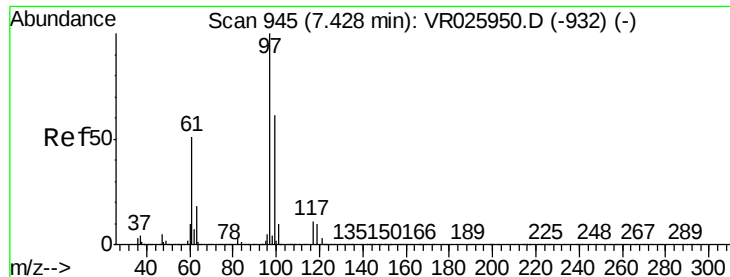
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#29

1,1,1-Trichloroethane

Concen: 0.462 ug/L

RT: 7.43 min Scan# 946

Delta R.T. 0.01 min

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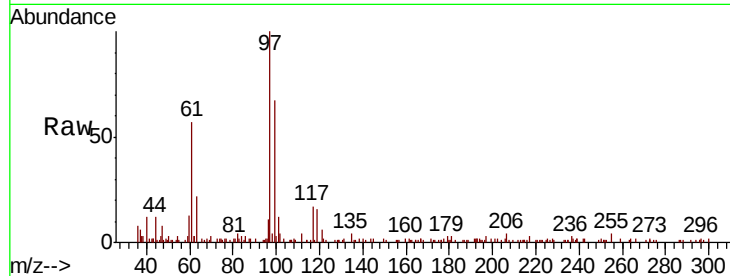
Tgt Ion: 97 Resp: 19284

Ion Ratio Lower Upper

97 100

99 66.2 51.0 76.6

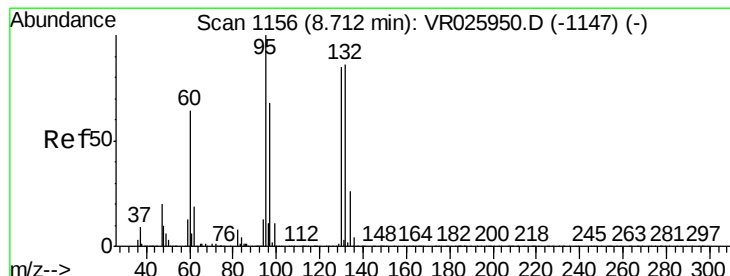
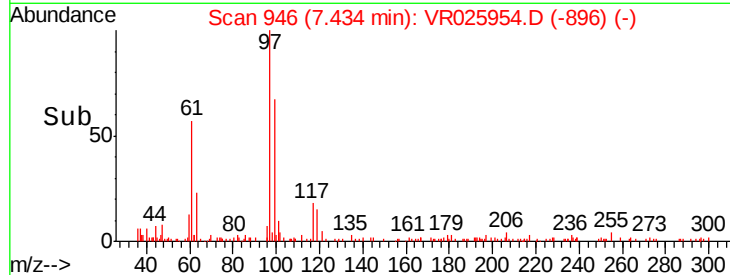
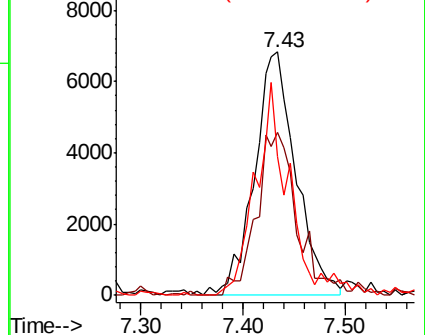
61 66.2 41.6 62.4#



Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0



#34

Trichloroethene

Concen: 12.554 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 411485

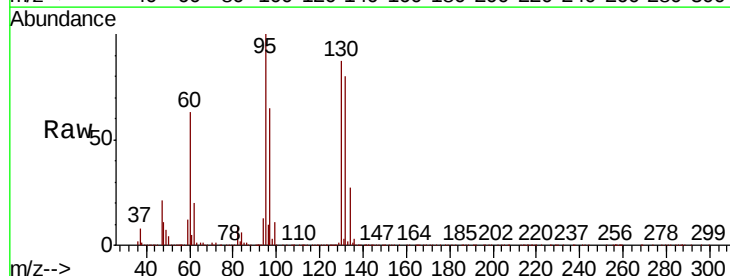
Ion Ratio Lower Upper

95 100

97 64.9 43.9 81.5

132 80.3 53.3 98.9

130 86.9 53.8 99.8

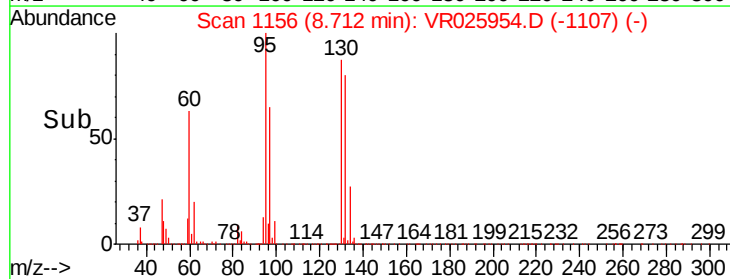
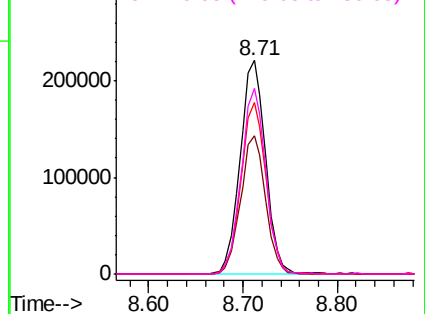


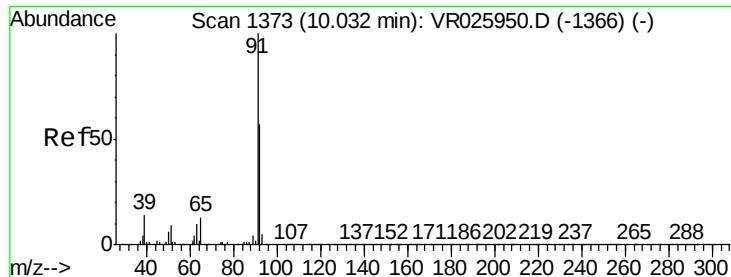
Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 0.095 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. 0.01 min

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Tgt Ion: 91 Resp: 12252

Ion Ratio Lower Upper

91 100

92 48.9 41.8 77.6

