

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR100518\
 Data File : VR025974.D
 Acq On : 6 Oct 2018 2:26
 Operator : SY/MD
 Sample : J5276-19
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEYB6

Quant Time: Oct 06 06:31:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 05:30:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	416543	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	349466	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	115674	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	106987	3.26	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.20%
7) Chloroethane-d5	2.63	69	107414	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	3.63	63	197293	2.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.20%#
20) 2-Butanone-d5	6.59	46	196550	53.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.34%
24) Chloroform-d	7.20	84	217454	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	7.89	65	105119	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
32) Benzene-d6	7.85	84	383475	3.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.00%#
36) 1,2-Dichloropropane-d6	8.89	67	122168	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.00%
41) Toluene-d8	9.97	98	332470	3.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.80%#
43) trans-1,3-Dichloropropene-	10.24	79	23584	3.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.40%
46) 2-Hexanone-d5	10.59	63	138601	51.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.16%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	53476	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	74789	4.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.80%

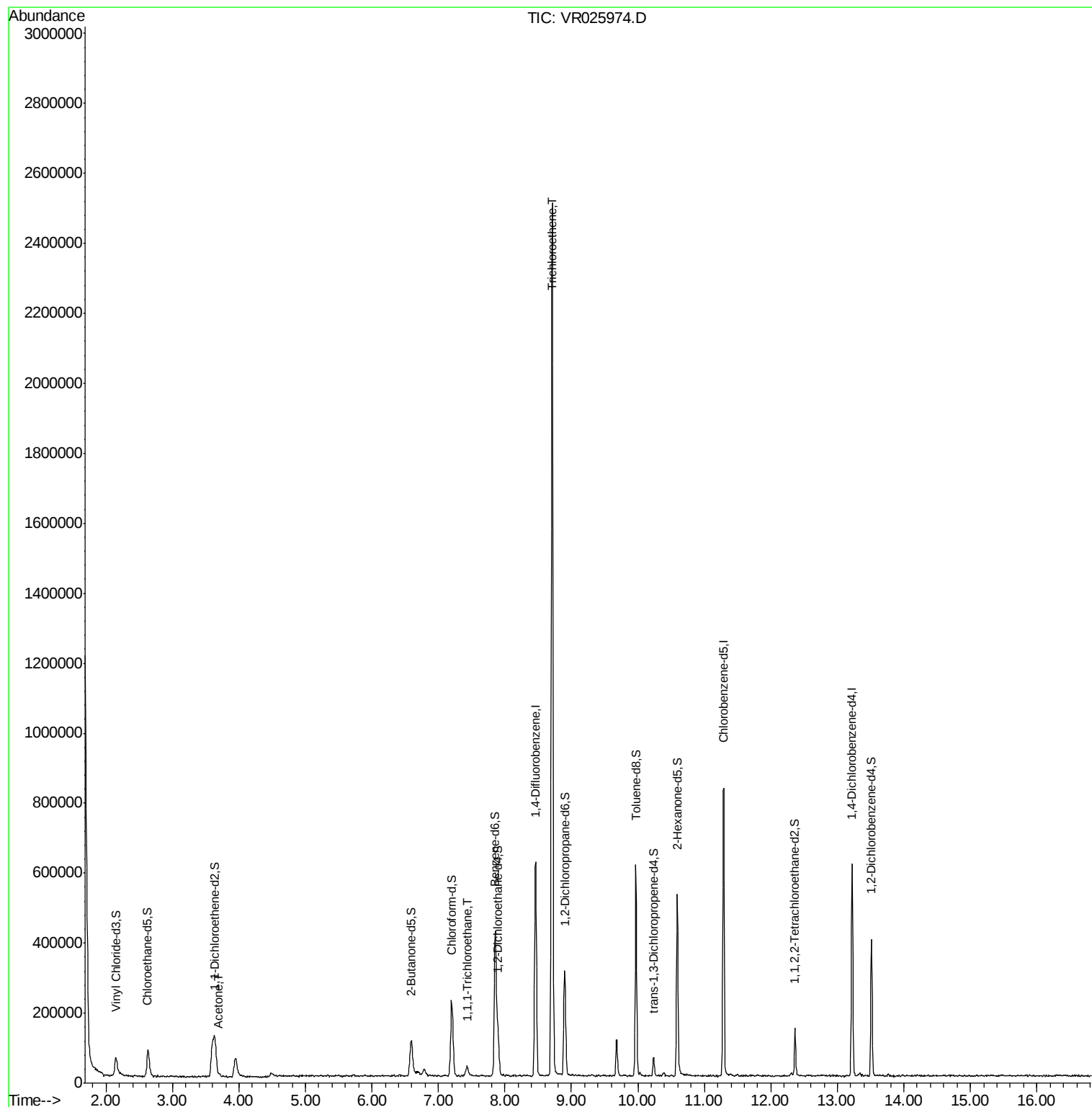
Target Compounds					Qvalue
13) Acetone	3.70	43	6941	2.615 ug/L	73
29) 1,1,1-Trichloroethane	7.43	97	21028	0.535 ug/L #	90
34) Trichloroethene	8.71	95	765832	24.796 ug/L	92

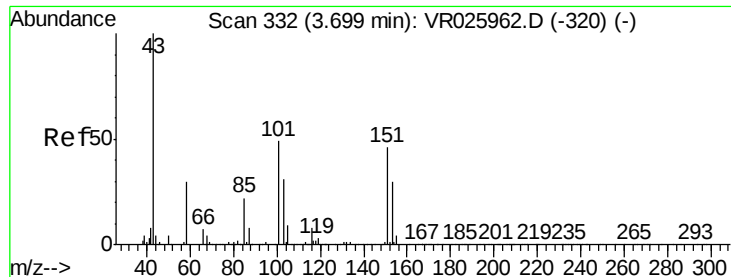
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.615 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.00 min

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Instrument :

MSVOA_R

ClientSampleId :

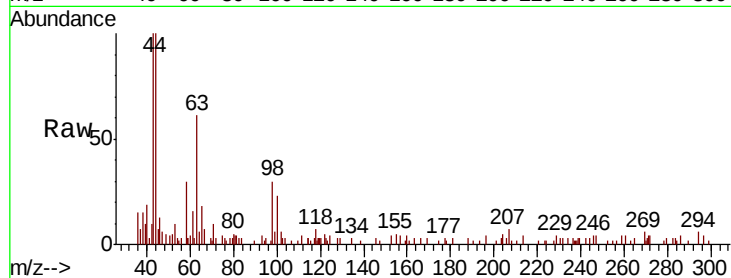
BEYB6

Tgt Ion: 43 Resp: 6941

Ion Ratio Lower Upper

43 100

58 39.6 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

3.70

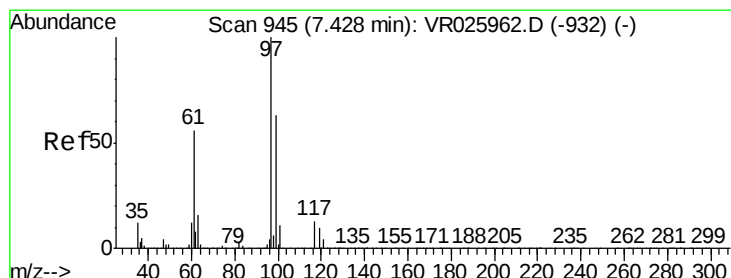
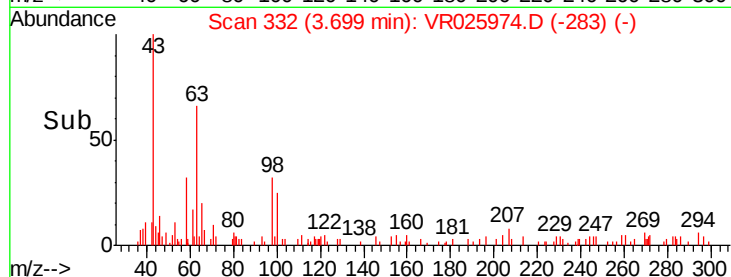
2000

1000

0

Time-->

3.60 3.65 3.70 3.75



#29

1,1,1-Trichloroethane

Concen: 0.535 ug/L

RT: 7.43 min Scan# 945

Delta R.T. -0.00 min

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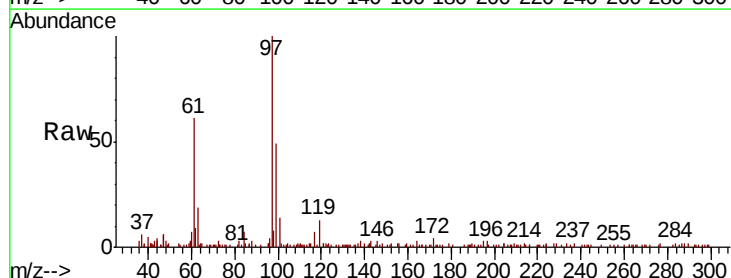
Tgt Ion: 97 Resp: 21028

Ion Ratio Lower Upper

97 100

99 60.4 51.0 76.6

61 63.3 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

7.43

12000

10000

8000

6000

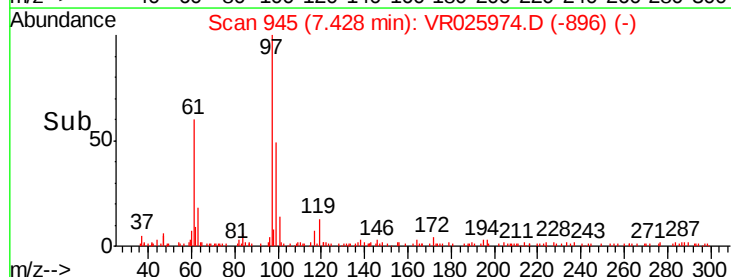
4000

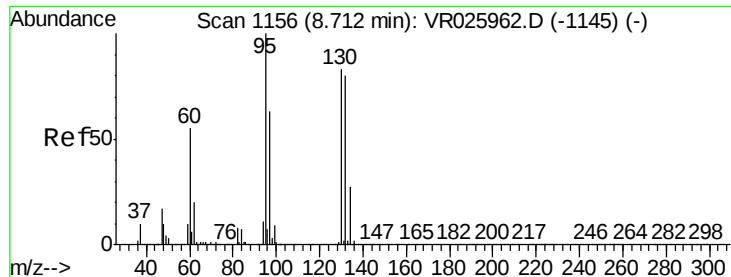
2000

0

Time-->

7.35 7.40 7.45 7.50 7.55





#34

Trichloroethene

Concen: 24.796 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

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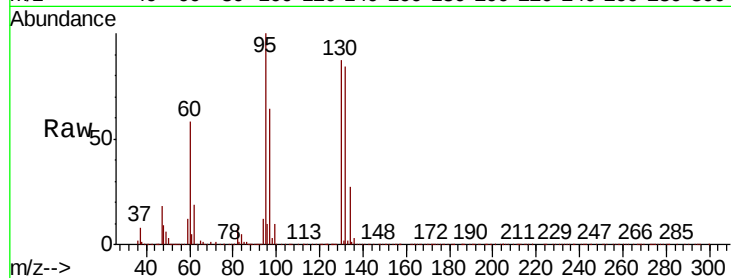
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Tgt Ion: 95 Resp: 765832

Ion Ratio Lower Upper

95 100

97 63.7 43.9 81.5

132 83.7 53.3 98.9

130 86.9 53.8 99.8

