

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101018\
 Data File : VV008236.D
 Acq On : 10 Oct 2018 16:31
 Operator : SY/MD
 Sample : J5315-01DL 20X
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J92DL

Quant Time: Oct 11 02:30:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 11 01:57:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	94078	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39529	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19897	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.59	69	17968	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.80%
11) 1,1-Dichloroethene-d2	2.13	63	29756	2.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.60%#
20) 2-Butanone-d5	3.97	46	67761	48.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.54%
24) Chloroform-d	4.41	84	48722	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.09	65	24845	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
32) Benzene-d6	5.10	84	90281	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
36) 1,2-Dichloropropane-d6	6.13	67	30311	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.36	98	76291	3.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.00%#
43) trans-1,3-Dichloropropene-	7.67	79	9952	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.14	63	40142	39.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20842	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	32121	4.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.60%

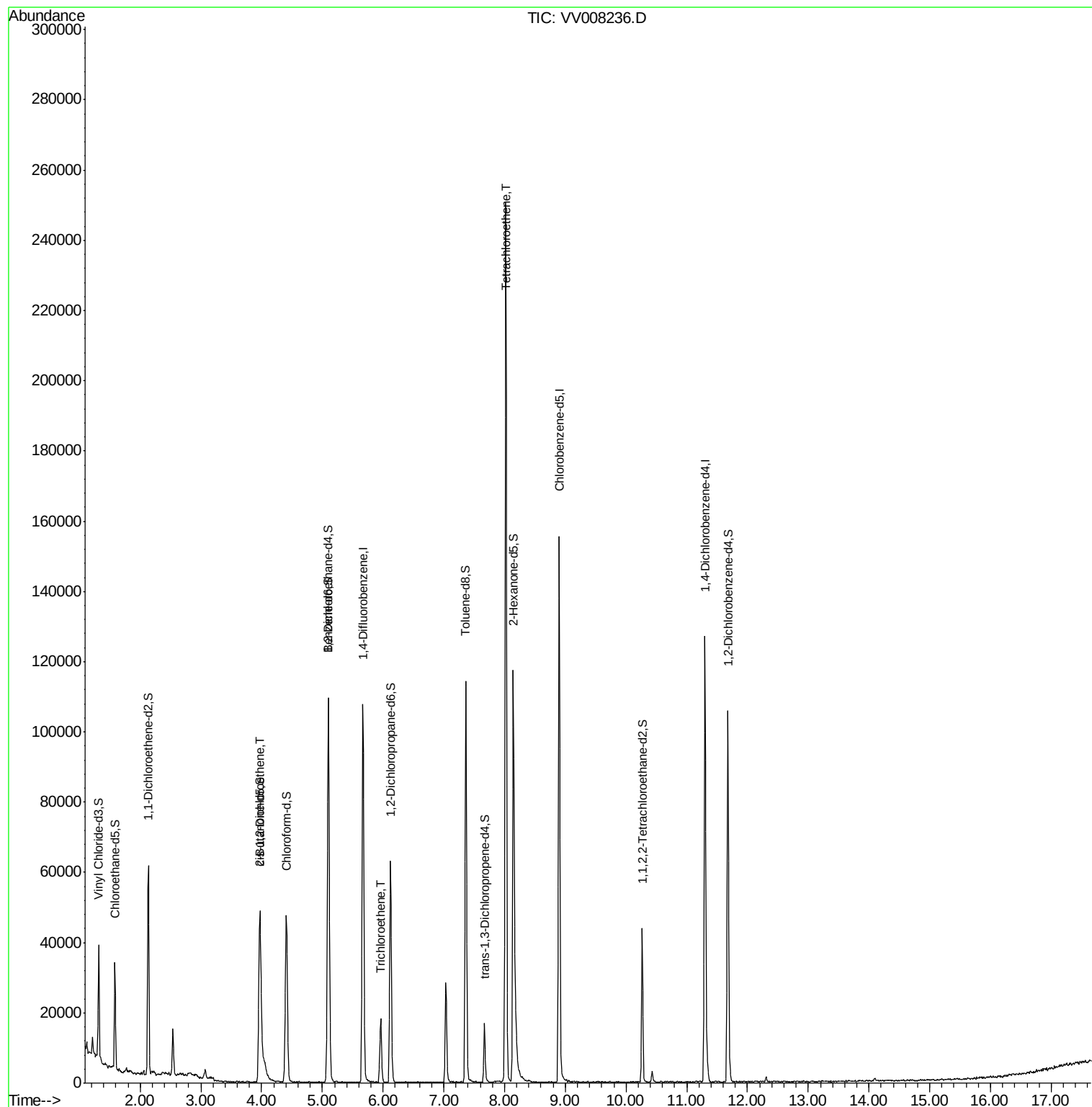
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.96	96	8816	1.41	ug/L	100
34) Trichloroethene	5.96	95	5367	0.81	ug/L	89
47) Tetrachloroethene	8.02	164	59870	10.09	ug/L	97

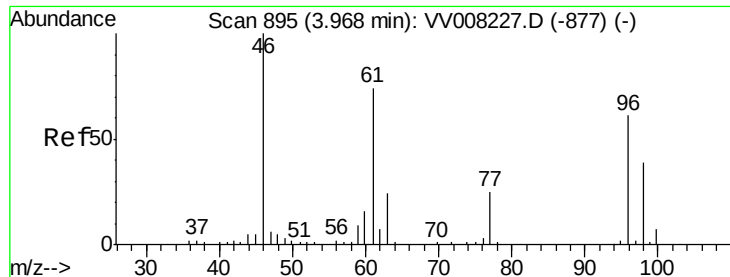
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 1.41 ug/L

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

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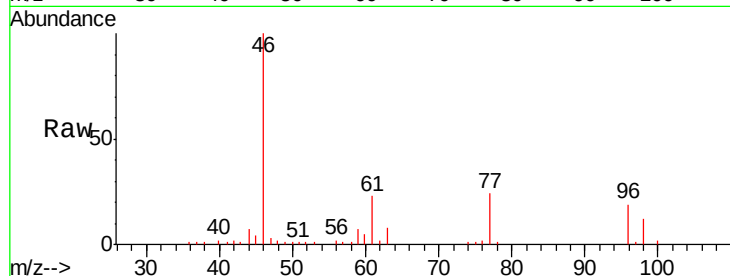
Tgt Ion: 96 Resp: 8816

Ion Ratio Lower Upper

96 100

61 121.3 85.1 158.1

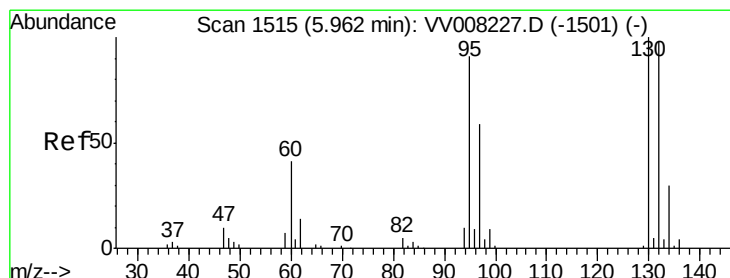
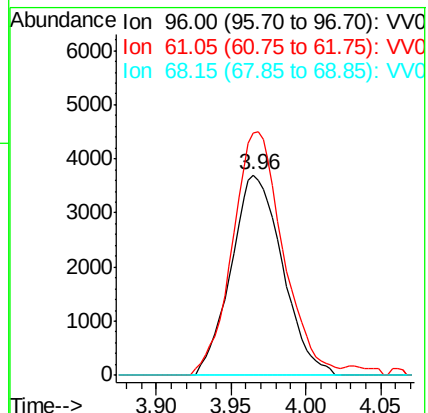
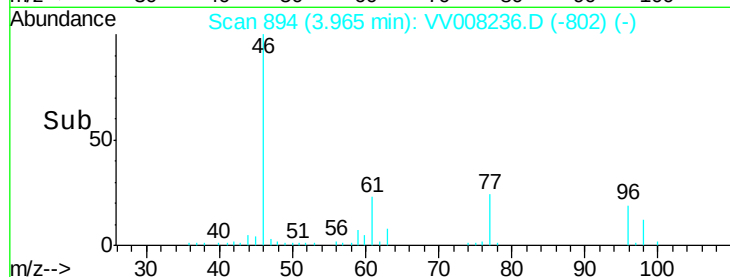
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV008236.D (-802) (-)

Ion 61.05 (60.75 to 61.75): VV008236.D (-802) (-)

Ion 68.15 (67.85 to 68.85): VV008236.D (-802) (-)



#34

Trichloroethene

Concen: 0.81 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008236.D

Acq: 10 Oct 2018 16:31

Tgt Ion: 95 Resp: 5367

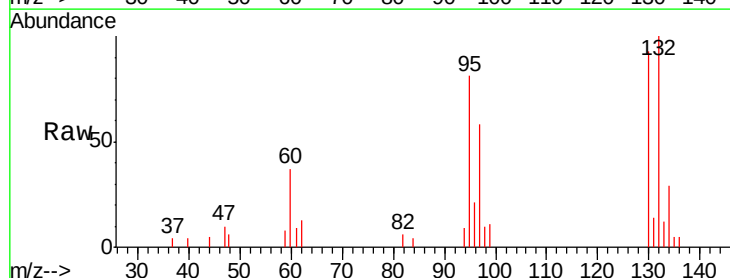
Ion Ratio Lower Upper

95 100

97 71.2 44.9 83.5

132 123.7 73.6 136.6

130 115.1 76.2 141.6

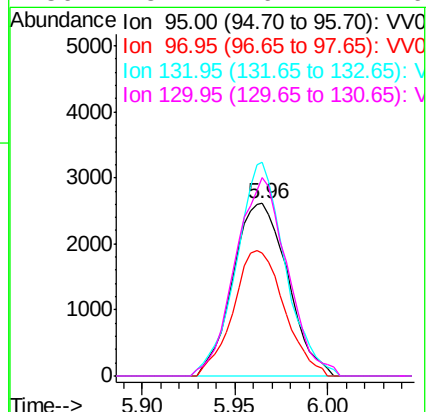
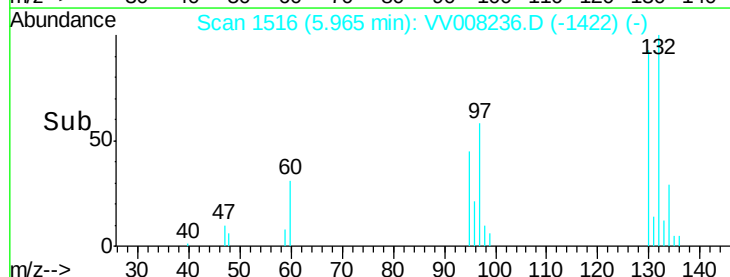


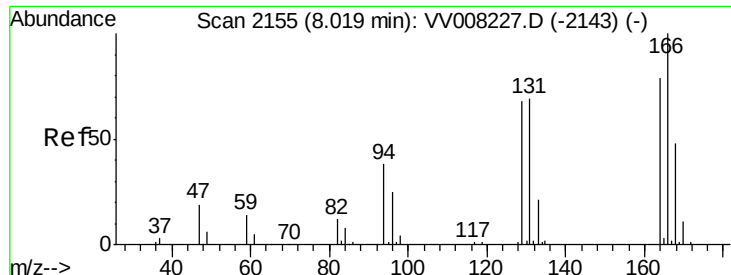
Abundance Ion 95.00 (94.70 to 95.70): VV008236.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008236.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008236.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008236.D (-1422) (-)





#47

Tetrachloroethene

Concen: 10.09 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008236.D

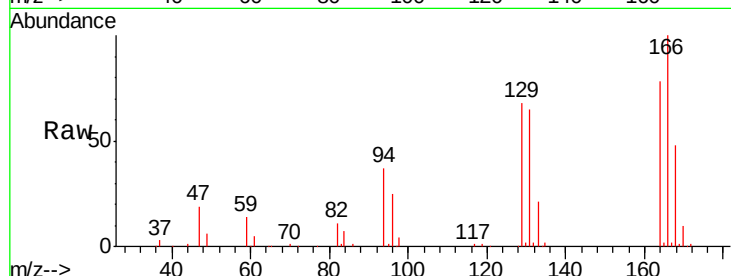
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Tgt Ion:164 Resp: 59870

Ion Ratio Lower Upper

164 100

129 86.9 62.2 115.4

131 83.1 60.5 112.5

166 127.9 92.1 171.1

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

