

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007445.D
 Acq On : 07 Sep 2018 02:37
 Operator : SY/MD
 Sample : J4751-03 10X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGH4

Quant Time: Sep 07 04:27:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 03:09:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	546119	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	550451	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	204907	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	171240	43.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.80%
7) Chloroethane-d5	1.56	69	130897	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.46%
11) 1,1-Dichloroethene-d2	2.13	63	221397	32.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.44%
21) 2-Butanone-d5	3.96	46	204982	64.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.60%
24) Chloroform-d	4.41	84	338676	41.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.94%
26) 1,2-Dichloroethane-d4	5.09	65	213077	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
32) Benzene-d6	5.10	84	691407	41.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.36%
36) 1,2-Dichloropropane-d6	6.12	67	230386	41.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.88%
41) Toluene-d8	7.36	98	562713	39.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.80%#
43) trans-1,3-Dichloropropene-	7.67	79	67632	28.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.12%#
47) 2-Hexanone-d5	8.14	63	151869	69.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	309214	40.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.44%
64) 1,2-Dichlorobenzene-d4	11.68	152	206003	46.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.56%

Target Compounds

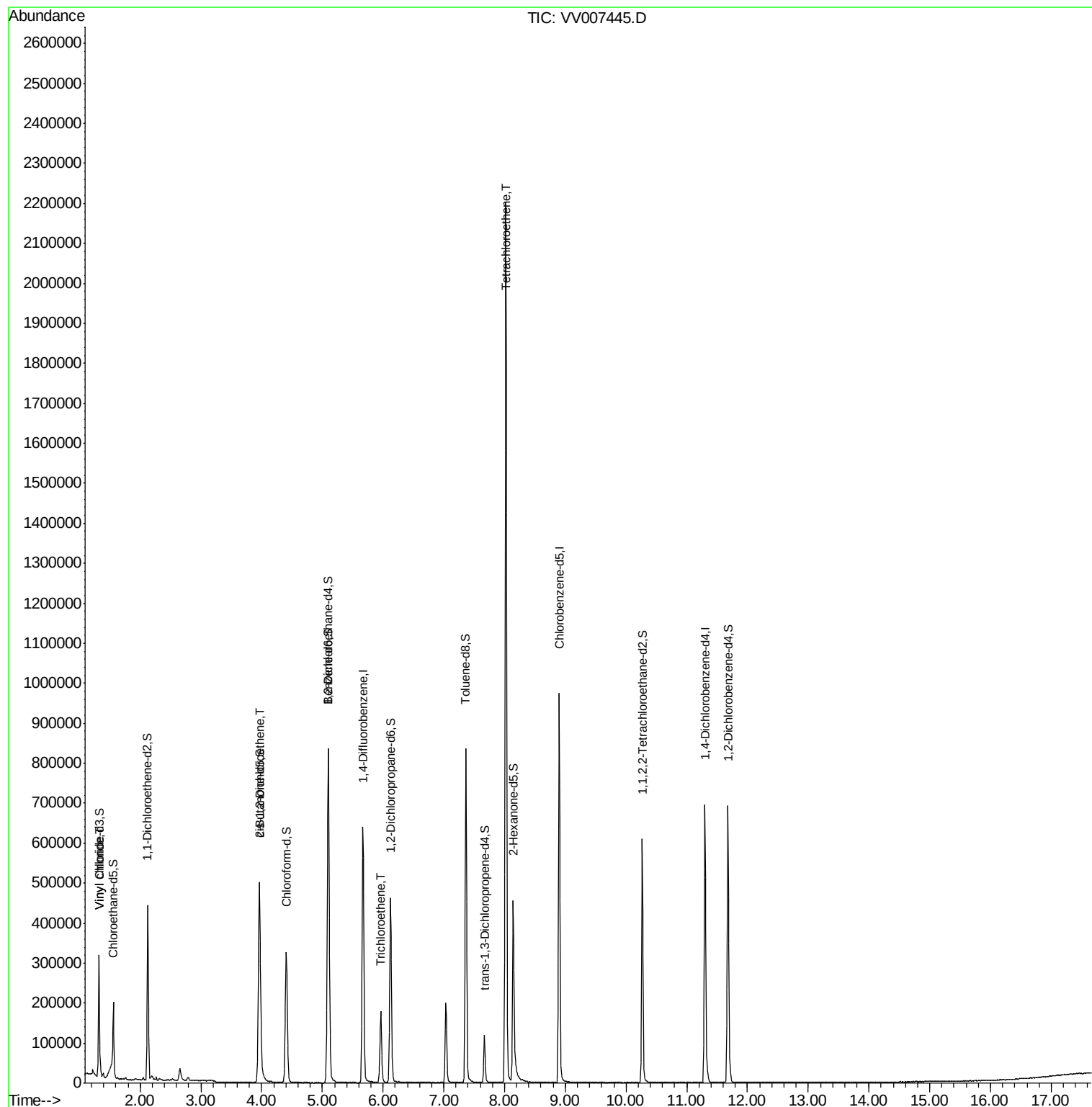
					Ovalue
5) Vinyl chloride	1.33	62	58999	12.66	ug/L 97
20) cis-1,2-Dichloroethene	3.96	96	210527	48.56	ug/L 100
34) Trichloroethene	5.96	95	61613	14.33	ug/L 98
46) Tetrachloroethene	8.02	164	516426	149.42	ug/L 99

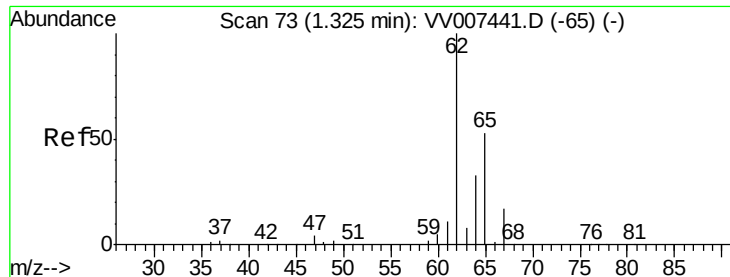
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 12.66 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

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Acq: 07 Sep 2018 02:37

Instrument :

MSVOA_V

ClientSampleId :

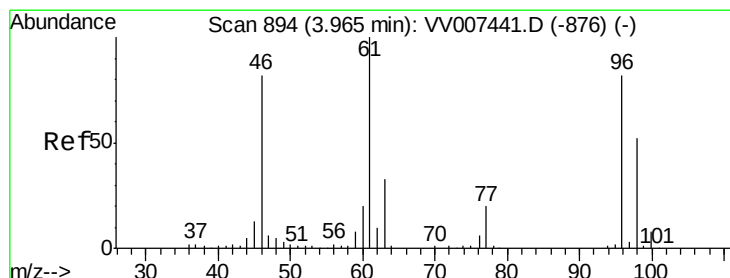
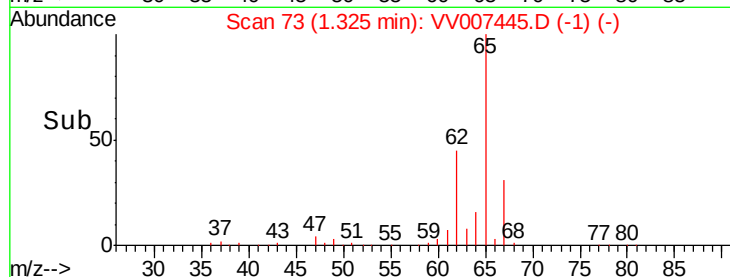
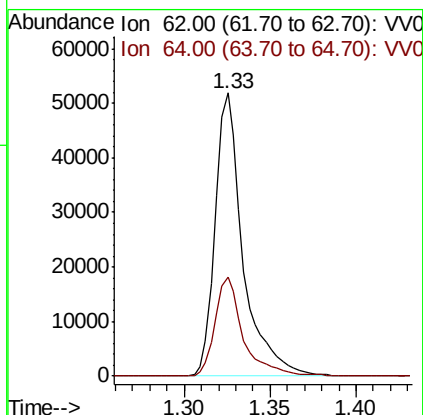
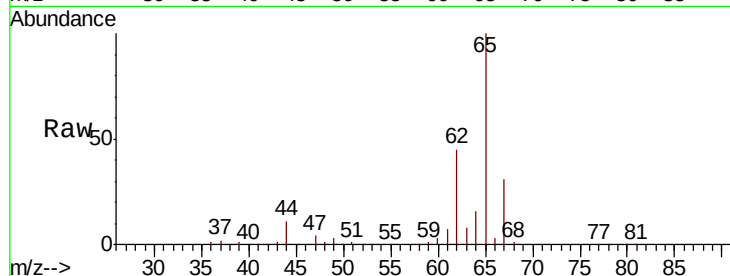
BEGH4

Tot Ion: 62 Resp: 58999

Ion Ratio Lower Upper

62 100

64 35.1 23.2 43.2



#20

cis-1,2-Dichloroethene

Concen: 48.56 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV007445.D

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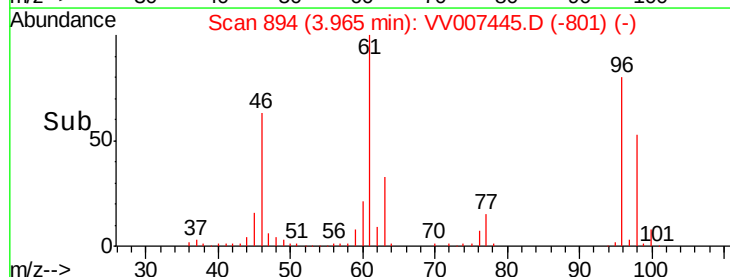
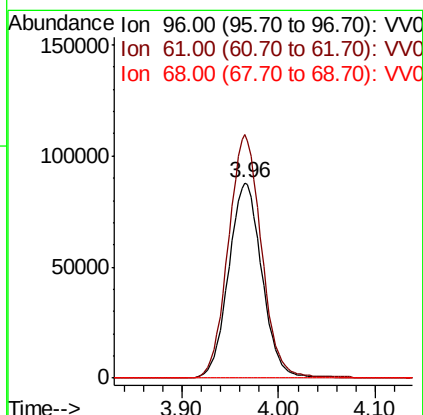
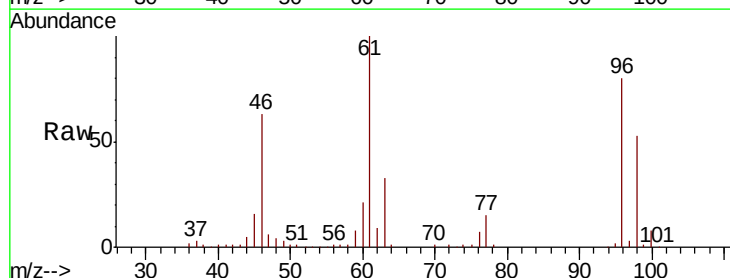
Tgt Ion: 96 Resp: 210527

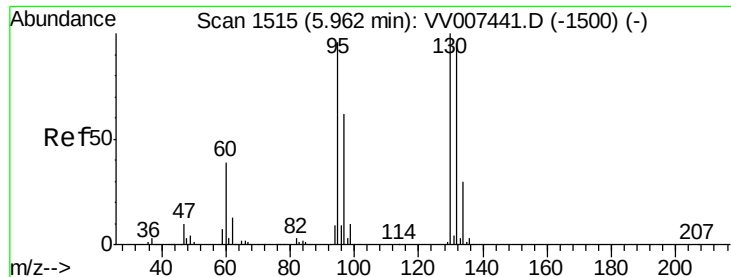
Ion Ratio Lower Upper

96 100

61 124.5 86.8 161.2

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 14.33 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007445.D

Acq: 07 Sep 2018 02:37

Instrument :

MSVOA_V

ClientSampleId :

BEGH4

Tot Ion: 95 Resp: 61613

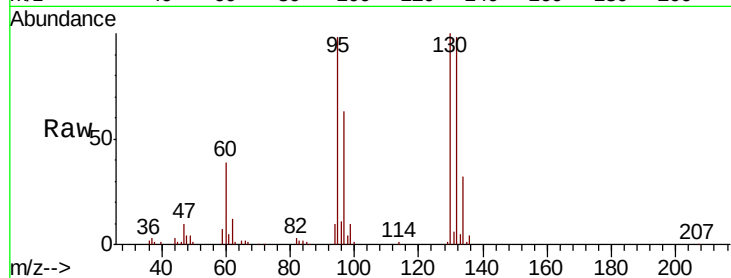
Ion Ratio Lower Upper

95 100

97 64.5 46.1 85.7

132 99.9 70.8 131.6

130 102.1 73.9 137.3

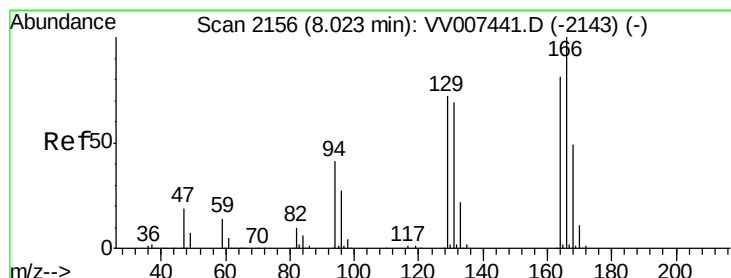
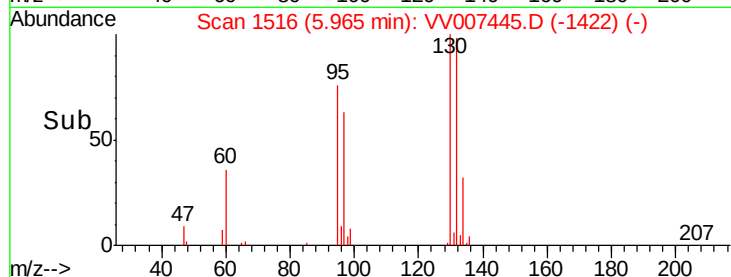
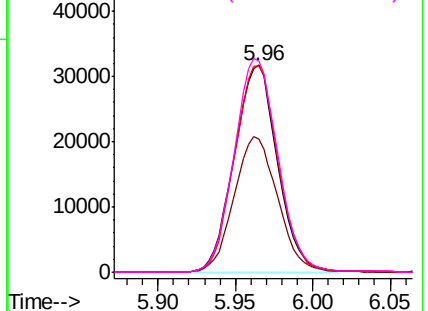


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 149.42 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007445.D

Acq: 07 Sep 2018 02:37

Tgt Ion:164 Resp: 516426

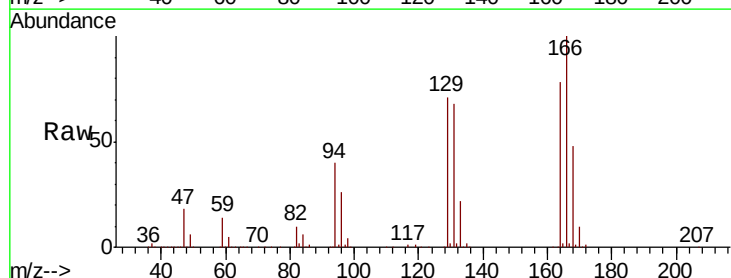
Ion Ratio Lower Upper

164 100

129 91.1 63.9 118.7

131 87.8 62.6 116.2

166 128.3 91.6 170.2



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

