

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090518\
 Data File : VV007411.D
 Acq On : 06 Sep 2018 03:03
 Operator : SY/MD
 Sample : J4751-03 50X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGH4

Quant Time: Sep 06 04:25:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 02:12:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	506772	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	497649	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	191717	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	142273	39.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.62%
7) Chloroethane-d5	1.56	69	116065	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.90%
11) 1,1-Dichloroethene-d2	2.13	63	200565	31.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.90%
21) 2-Butanone-d5	3.95	46	223047	75.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.75%
24) Chloroform-d	4.40	84	328877	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
26) 1,2-Dichloroethane-d4	5.09	65	208395	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.28%
32) Benzene-d6	5.10	84	634592	42.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.62%
36) 1,2-Dichloropropane-d6	6.12	67	221832	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.26%
41) Toluene-d8	7.36	98	502852	38.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.90%#
43) trans-1,3-Dichloropropene-	7.67	79	82634	38.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.20%
47) 2-Hexanone-d5	8.14	63	157819	80.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	311228	45.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.66%
64) 1,2-Dichlorobenzene-d4	11.68	152	202533	49.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.30%

Target Compounds

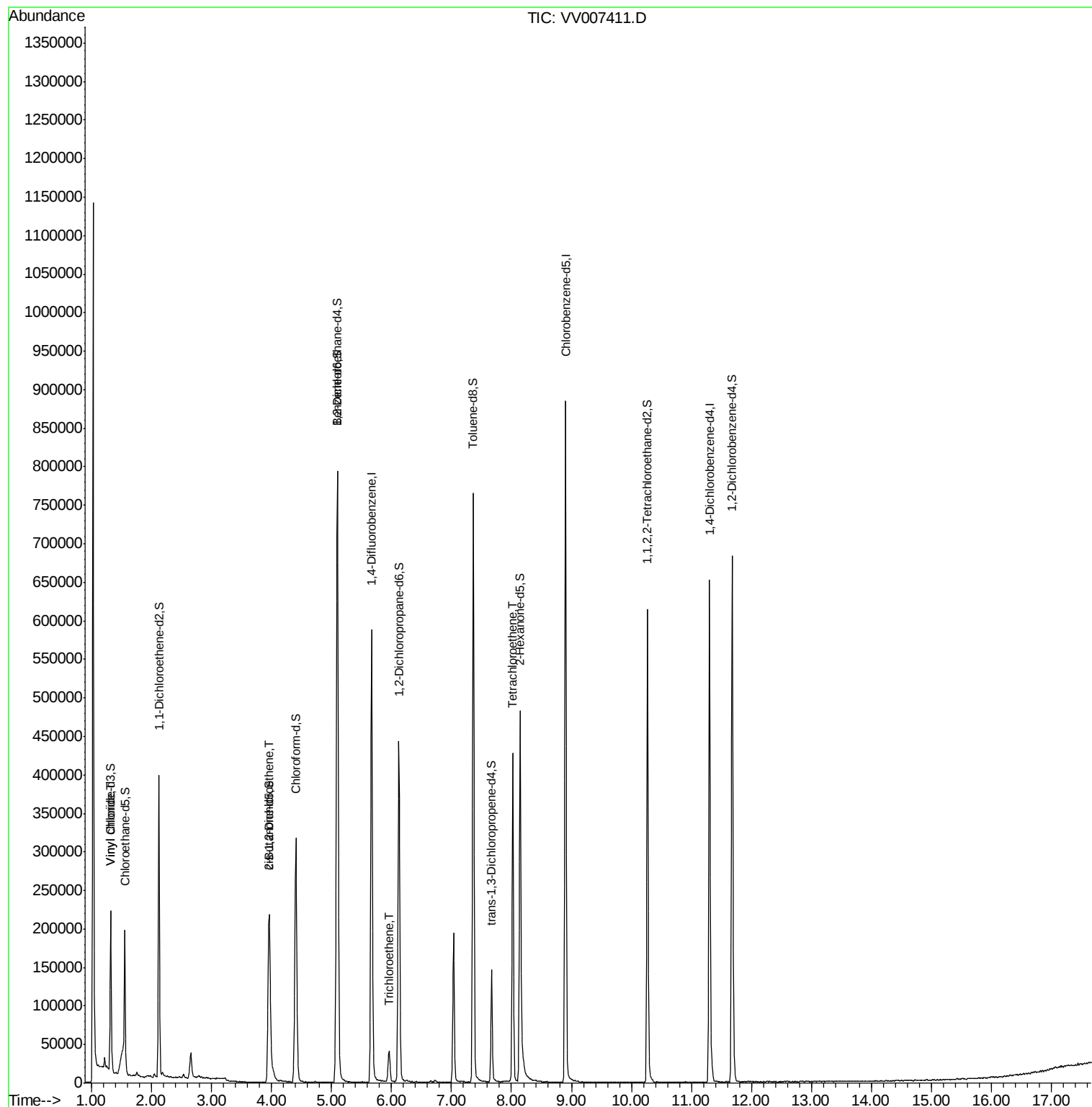
					Ovalue
5) Vinyl chloride	1.32	62	11650	2.69	ug/L # 75
20) cis-1,2-Dichloroethene	3.96	96	37928	9.43	ug/L 98
34) Trichloroethene	5.96	95	11547	2.97	ug/L 92
46) Tetrachloroethene	8.02	164	100820	32.27	ug/L 99

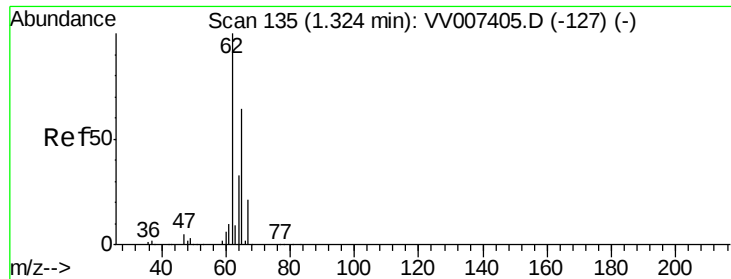
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.69 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV007411.D

Acq: 06 Sep 2018 03:03

Instrument :

MSVOA_V

ClientSampleId :

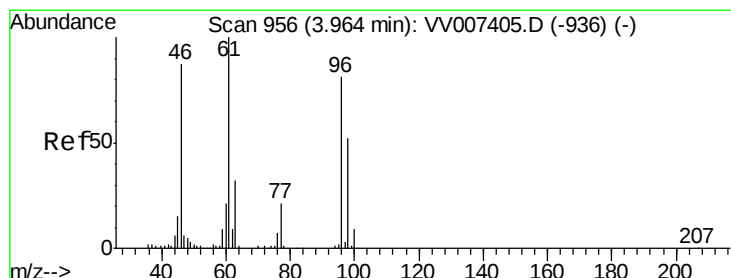
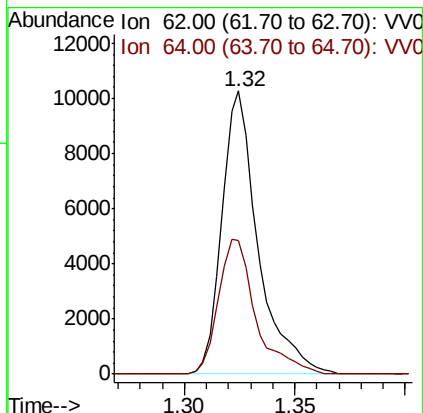
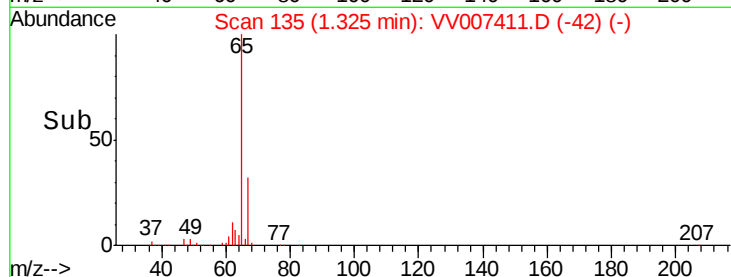
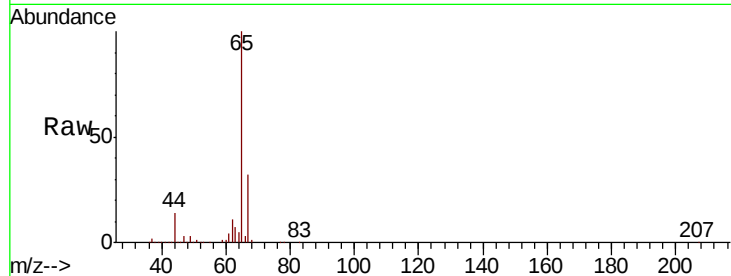
BEGH4

Tot Ion: 62 Resp: 11650

Ion Ratio Lower Upper

62 100

64 47.2 23.2 43.2#



#20

cis-1,2-Dichloroethene

Concen: 9.43 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV007411.D

Acq: 06 Sep 2018 03:03

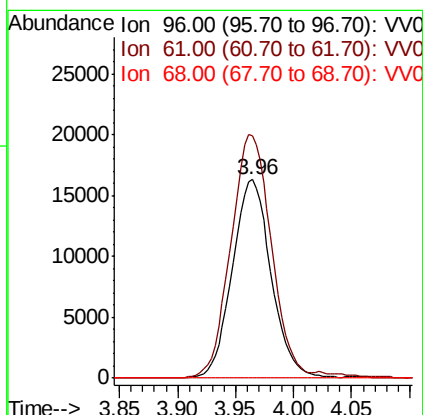
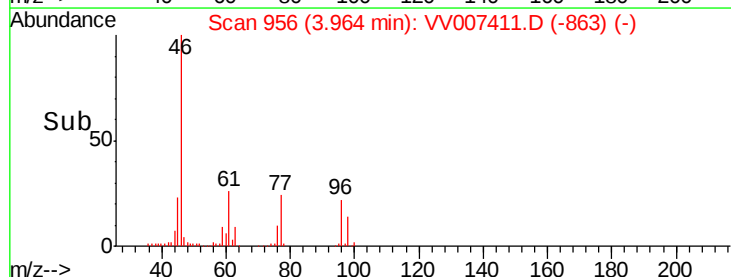
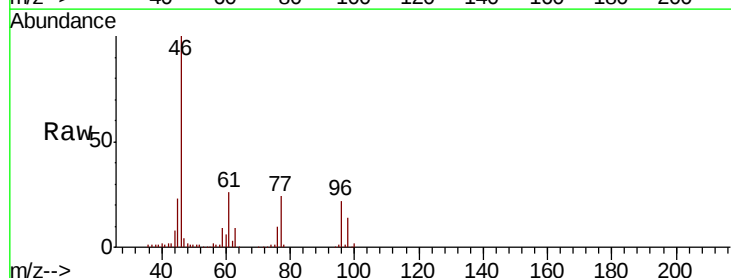
Tgt Ion: 96 Resp: 37928

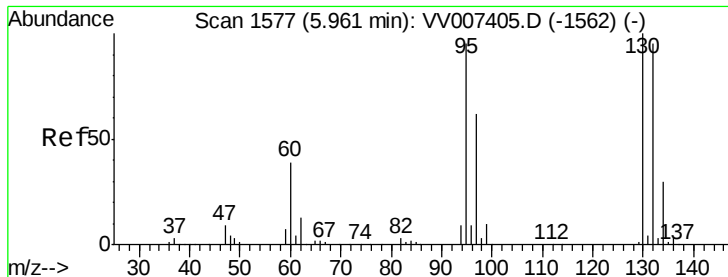
Ion Ratio Lower Upper

96 100

61 121.9 86.8 161.2

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 2.97 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007411.D

Acq: 06 Sep 2018 03:03

Instrument :

MSVOA_V

ClientSampleId :

BEGH4

Tot Ion: 95 Resp: 11547

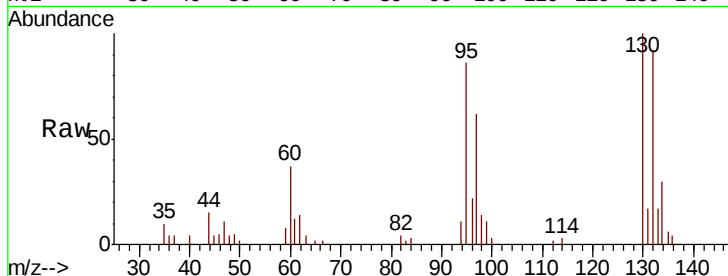
Ion Ratio Lower Upper

95 100

97 72.1 46.1 85.7

132 107.0 70.8 131.6

130 115.9 73.9 137.3

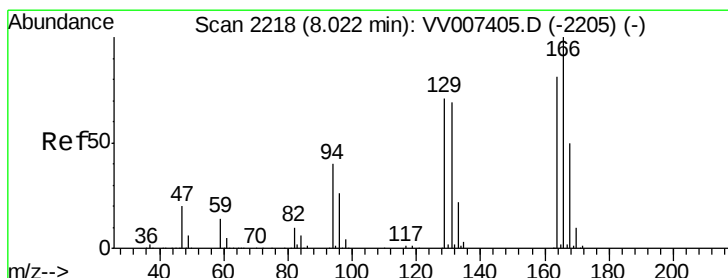
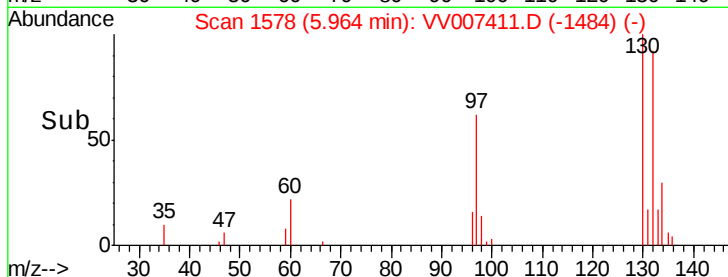
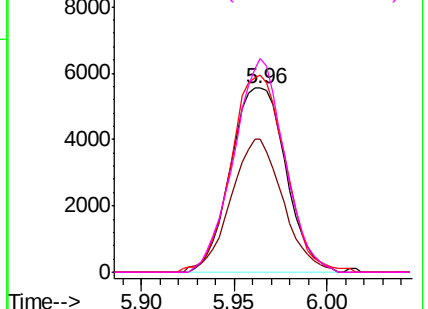


Abundance Ion 95.00 (94.70 to 95.70): VV007405.D (-1562) (-)

Ion 97.00 (96.70 to 97.70): VV007405.D (-1562) (-)

Ion 132.00 (131.70 to 132.70): VV007405.D (-1562) (-)

Ion 130.00 (129.70 to 130.70): VV007405.D (-1562) (-)



#46

Tetrachloroethene

Concen: 32.27 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV007411.D

Acq: 06 Sep 2018 03:03

Tgt Ion: 164 Resp: 100820

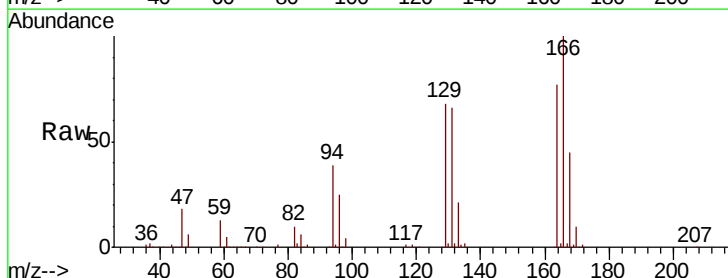
Ion Ratio Lower Upper

164 100

129 89.4 63.9 118.7

131 86.9 62.6 116.2

166 130.6 91.6 170.2



Abundance Ion 164.00 (163.70 to 164.70): VV007405.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VV007405.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VV007405.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VV007405.D (-2205) (-)

