

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007440.D
 Acq On : 06 Sep 2018 23:42
 Operator : SY/MD
 Sample : J4719-15
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGF1

Quant Time: Sep 07 03:03:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 01:29:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	538118	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	558115	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	210412	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	167885	43.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.36%
7) Chloroethane-d5	1.56	69	133513	53.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.06%
11) 1,1-Dichloroethene-d2	2.13	63	225099	33.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.48%
21) 2-Butanone-d5	3.96	46	202806	64.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.87%
24) Chloroform-d	4.41	84	332292	41.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.58%
26) 1,2-Dichloroethane-d4	5.09	65	211045	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
32) Benzene-d6	5.10	84	666865	39.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.28%
36) 1,2-Dichloropropane-d6	6.12	67	224231	39.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.56%
41) Toluene-d8	7.36	98	554892	38.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.64%#
43) trans-1,3-Dichloropropene-	7.67	79	88700	36.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.88%
47) 2-Hexanone-d5	8.14	63	165182	74.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.75%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	299669	38.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.84%
64) 1,2-Dichlorobenzene-d4	11.68	152	209554	46.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.68%

Target Compounds

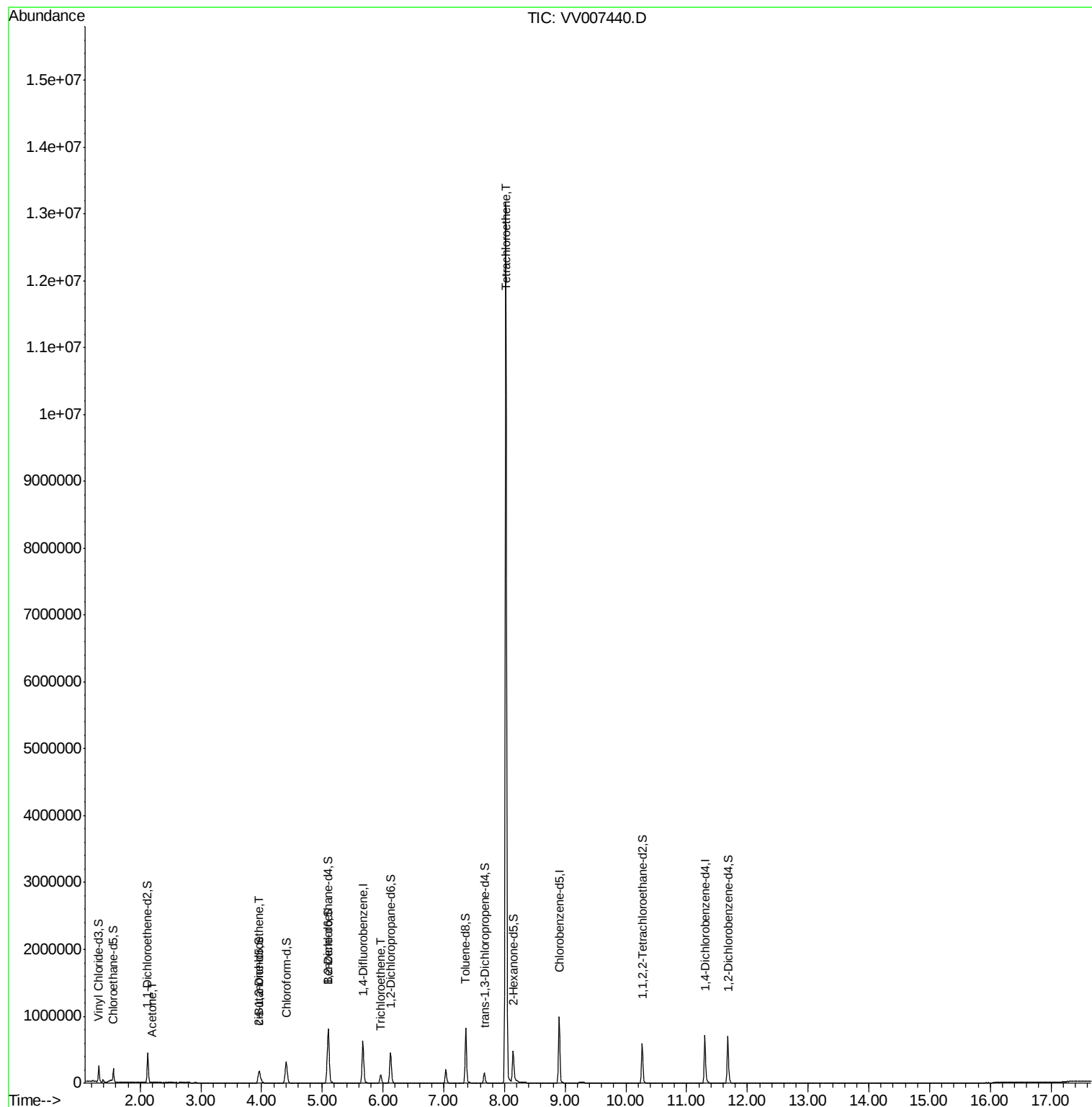
					Ovalue
13) Acetone	2.20	43	5812	3.12 ug/L	93
20) cis-1,2-Dichloroethene	3.96	96	26735	6.26 ug/L	98
34) Trichloroethene	5.96	95	40700	9.34 ug/L	98
46) Tetrachloroethene	8.02	164	3073569	877.08 ug/L	98

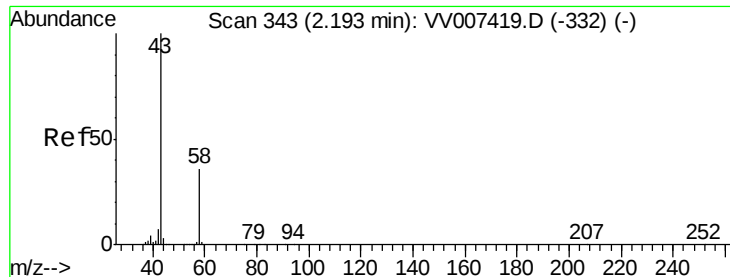
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.12 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV007440.D

Acq: 06 Sep 2018 23:42

Instrument :

MSVOA_V

ClientSampleId :

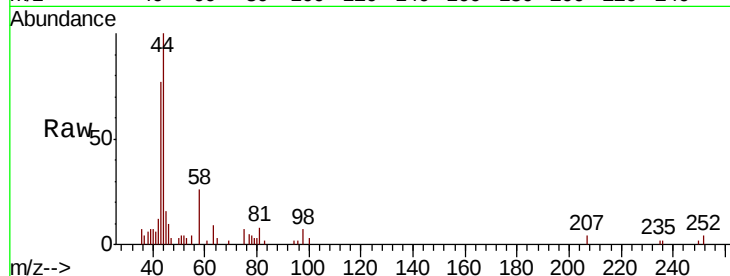
BEGF1

Tot Ion: 43 Resp: 5812

Ion Ratio Lower Upper

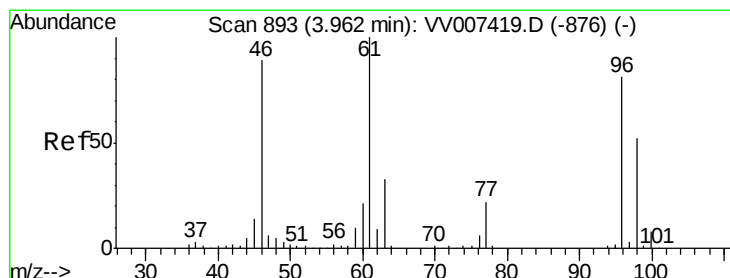
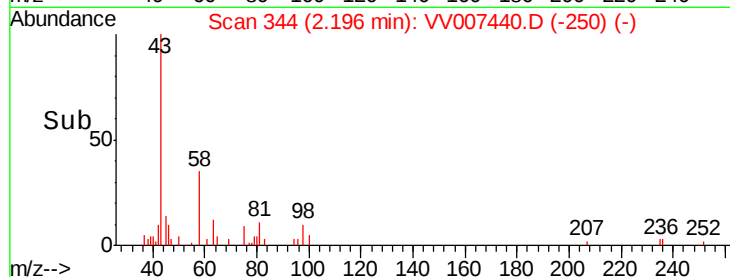
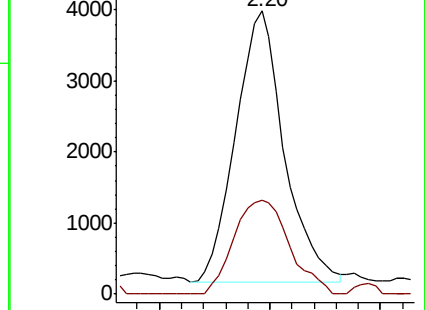
43 100

58 40.0 0.0 71.2



Abundance Ion 43.00 (42.70 to 43.70): VV007419.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV007419.D (-332) (-)



#20

cis-1,2-Dichloroethene

Concen: 6.26 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV007440.D

Acq: 06 Sep 2018 23:42

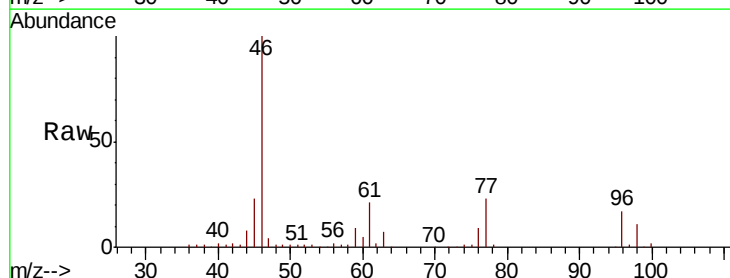
Tgt Ion: 96 Resp: 26735

Ion Ratio Lower Upper

96 100

61 121.2 86.8 161.2

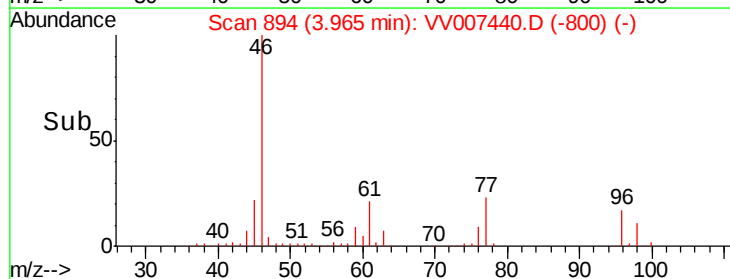
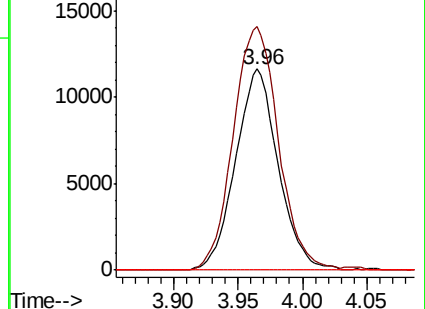
68 0.0 0.0 0.0

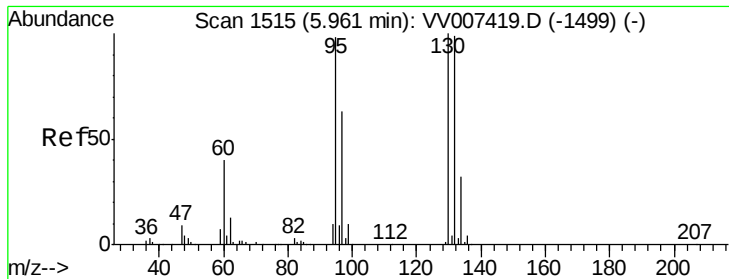


Abundance Ion 96.00 (95.70 to 96.70): VV007419.D (-876) (-)

Ion 61.00 (60.70 to 61.70): VV007419.D (-876) (-)

Ion 68.00 (67.70 to 68.70): VV007419.D (-876) (-)





#34

Trichloroethene

Concen: 9.34 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV007440.D

Acq: 06 Sep 2018 23:42

Instrument :

MSVOA_V

ClientSampleId :

BEGF1

Tot Ion: 95 Resp: 40700

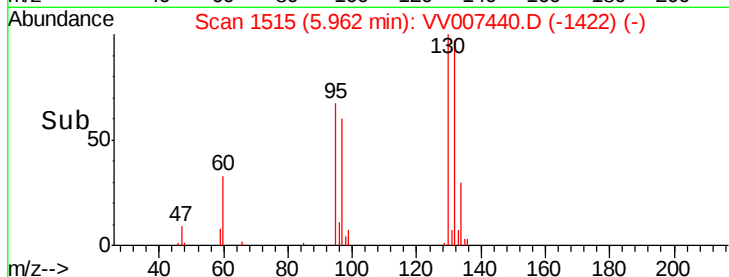
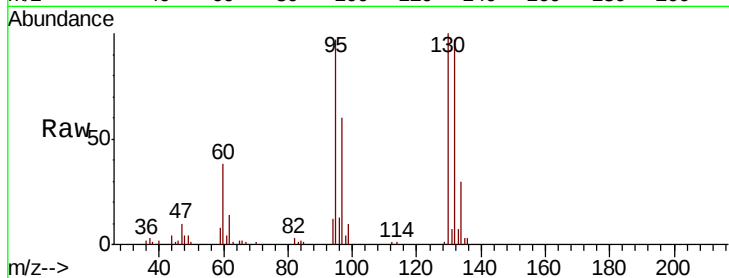
Ion Ratio Lower Upper

95 100

97 62.1 46.1 85.7

132 100.1 70.8 131.6

130 103.3 73.9 137.3

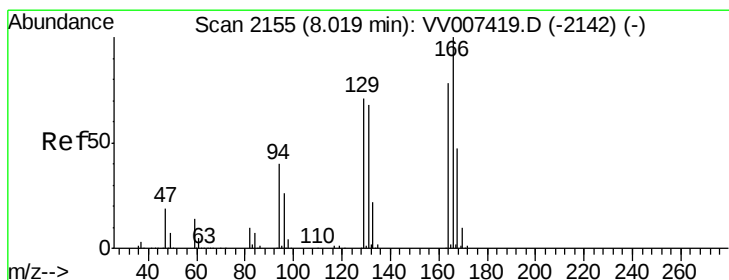
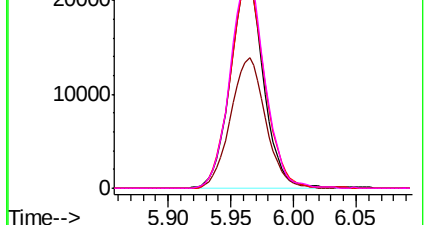


Abundance Ion 95.00 (94.70 to 95.70): VV007440.D (-1422) (-)

Ion 97.00 (96.70 to 97.70): VV007440.D (-1422) (-)

Ion 132.00 (131.70 to 132.70): VV007440.D (-1422) (-)

Ion 130.00 (129.70 to 130.70): VV007440.D (-1422) (-)



#46

Tetrachloroethene

Concen: 877.08 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007440.D

Acq: 06 Sep 2018 23:42

Tgt Ion: 164 Resp: 3073569

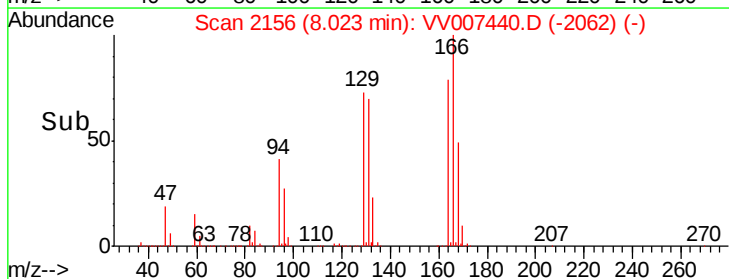
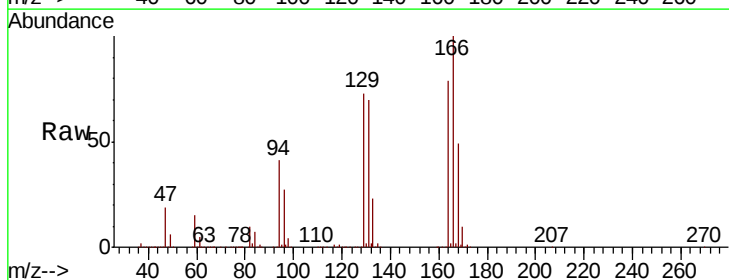
Ion Ratio Lower Upper

164 100

129 91.9 63.9 118.7

131 88.7 62.6 116.2

166 126.4 91.6 170.2



Abundance Ion 164.00 (163.70 to 164.70): VV007440.D (-2062) (-)

Ion 129.00 (128.70 to 129.70): VV007440.D (-2062) (-)

Ion 131.00 (130.70 to 131.70): VV007440.D (-2062) (-)

Ion 166.00 (165.70 to 166.70): VV007440.D (-2062) (-)

