

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV090618\  
 Data File : VV007436.D  
 Acq On : 06 Sep 2018 22:02  
 Operator : SY/MD  
 Sample : J4719-17 10X  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BEGF3

Quant Time: Sep 12 03:40:37 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	508016	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	512248	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	185640	50.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	159085	43.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.68%
7) Chloroethane-d5	1.56	69	123459	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.88%
11) 1,1-Dichloroethene-d2	2.13	63	208223	32.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.14%
21) 2-Butanone-d5	3.96	46	171988	58.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	58.27%
24) Chloroform-d	4.41	84	315506	42.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.06%
26) 1,2-Dichloroethane-d4	5.09	65	199160	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
32) Benzene-d6	5.10	84	630907	40.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.74%
36) 1,2-Dichloropropane-d6	6.12	67	212218	41.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.04%
41) Toluene-d8	7.36	98	506739	38.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.26%#
43) trans-1,3-Dichloropropene-	7.67	79	58047	26.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.68%#
47) 2-Hexanone-d5	8.14	63	145274	71.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.63%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	287460	40.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.36%
64) 1,2-Dichlorobenzene-d4	11.68	152	185191	46.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.84%

## Target Compounds

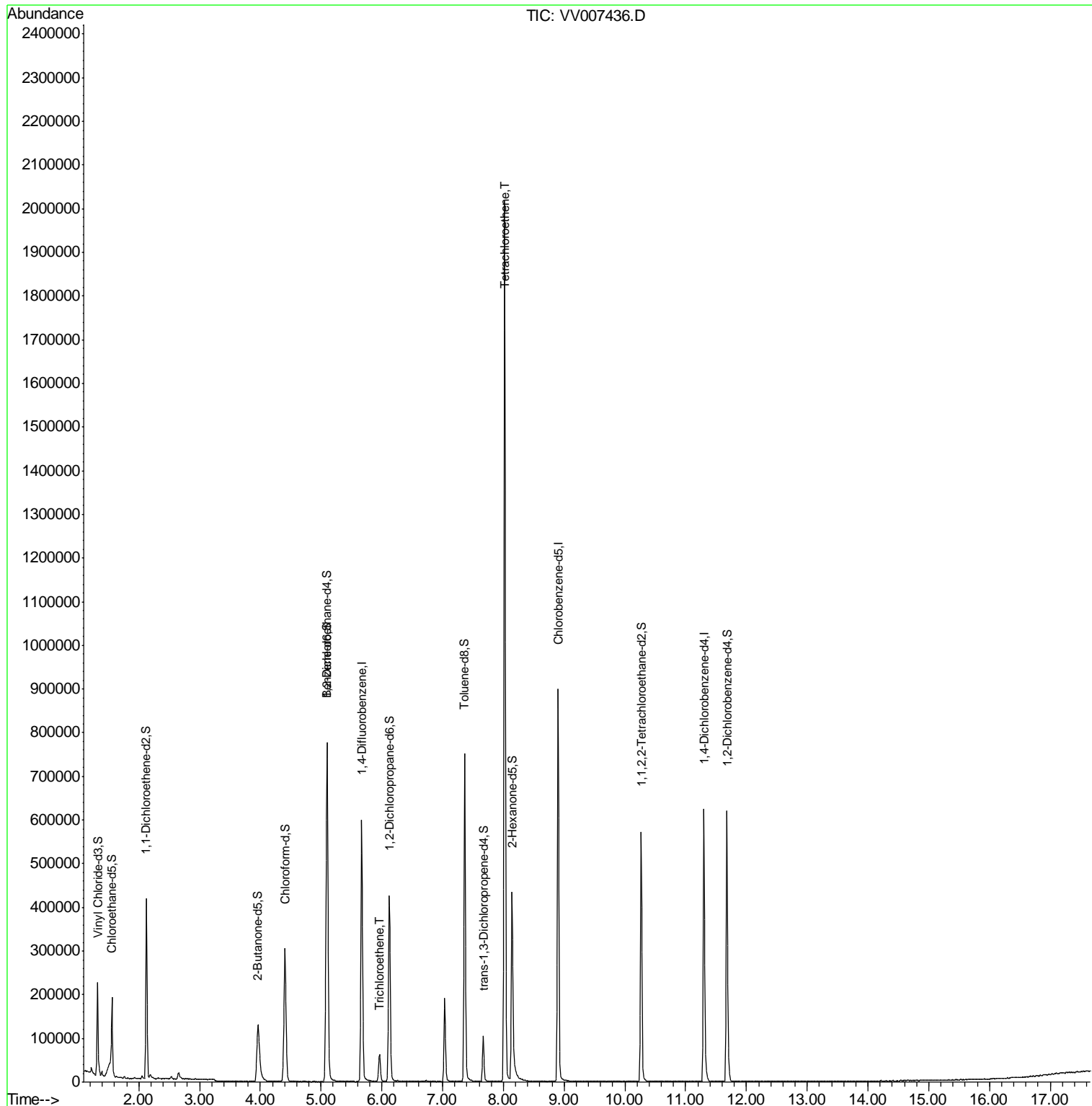
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
34) Trichloroethene	5.96	95	19120	4.780	ug/L	97
46) Tetrachloroethene	8.02	164	474637	147.571	ug/L	98

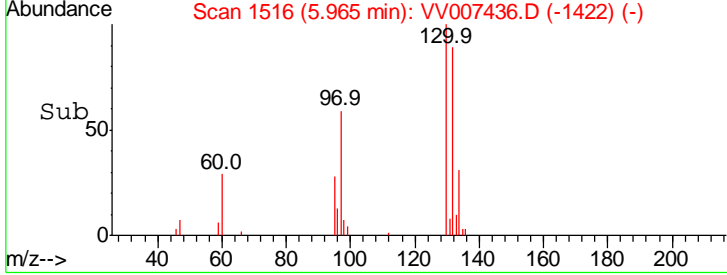
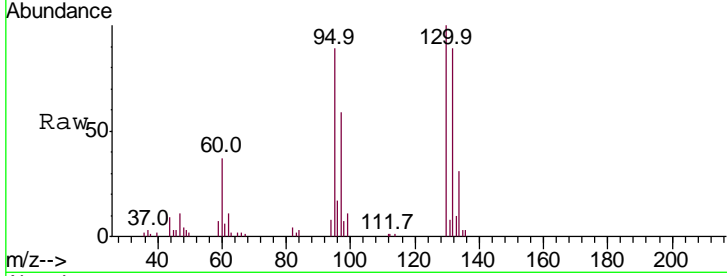
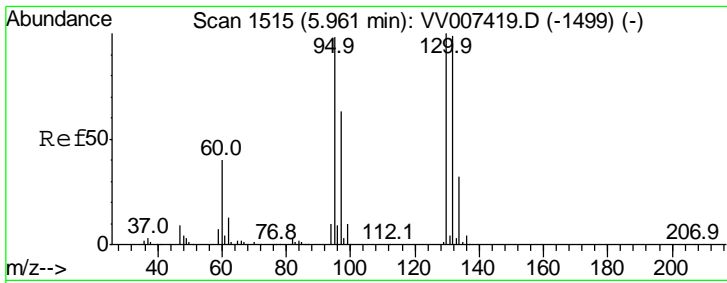
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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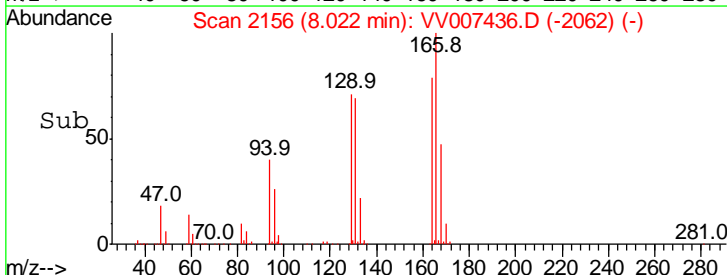
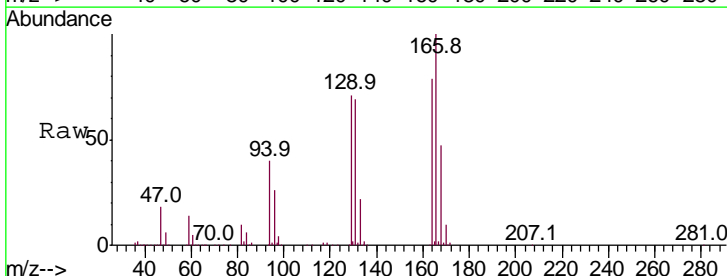
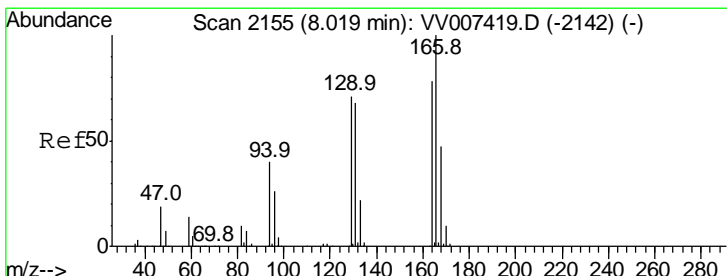
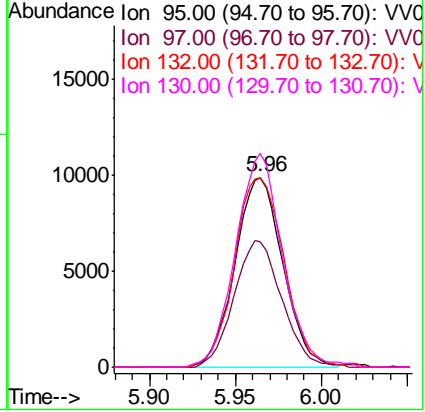




#34  
 Trichloroethene  
 Concen: 4.780 ug/L  
 RT: 5.96 min Scan# 1516  
 Delta R.T. 0.00 min  
 Lab File: VV007436.D  
 Acq: 06 Sep 2018 22:02

Tgt Ion	Resp	Lower	Upper
95	100		
97	66.0	46.1	85.7
132	99.8	70.8	131.6
130	112.4	73.9	137.3

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 ClientSampled : BEGF3



#46  
 Tetrachloroethene  
 Concen: 147.571 ug/L  
 RT: 8.02 min Scan# 2156  
 Delta R.T. 0.00 min  
 Lab File: VV007436.D  
 Acq: 06 Sep 2018 22:02

Tgt Ion	Resp	Lower	Upper
164	100		
129	90.1	63.9	118.7
131	87.3	62.6	116.2
166	127.1	91.6	170.2

