

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007435.D
 Acq On : 06 Sep 2018 21:37
 Operator : SY/MD
 Sample : J4719-16 10X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGF2

Quant Time: Sep 07 02:44:49 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	521773	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	533565	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	196765	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	165032	44.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.56%
7) Chloroethane-d5	1.56	69	126681	51.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.78%
11) 1,1-Dichloroethene-d2	2.13	63	216381	32.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.92%
21) 2-Butanone-d5	3.96	46	182980	60.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	60.36%
24) Chloroform-d	4.41	84	322092	41.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.56%
26) 1,2-Dichloroethane-d4	5.09	65	204105	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.78%
32) Benzene-d6	5.10	84	648783	40.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.68%
36) 1,2-Dichloropropane-d6	6.13	67	219275	40.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.38%
41) Toluene-d8	7.36	98	528823	38.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.40%#
43) trans-1,3-Dichloropropene-	7.67	79	77126	33.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.20%
47) 2-Hexanone-d5	8.14	63	146020	69.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	292352	39.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.44%
64) 1,2-Dichlorobenzene-d4	11.68	152	192158	45.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.88%

Target Compounds

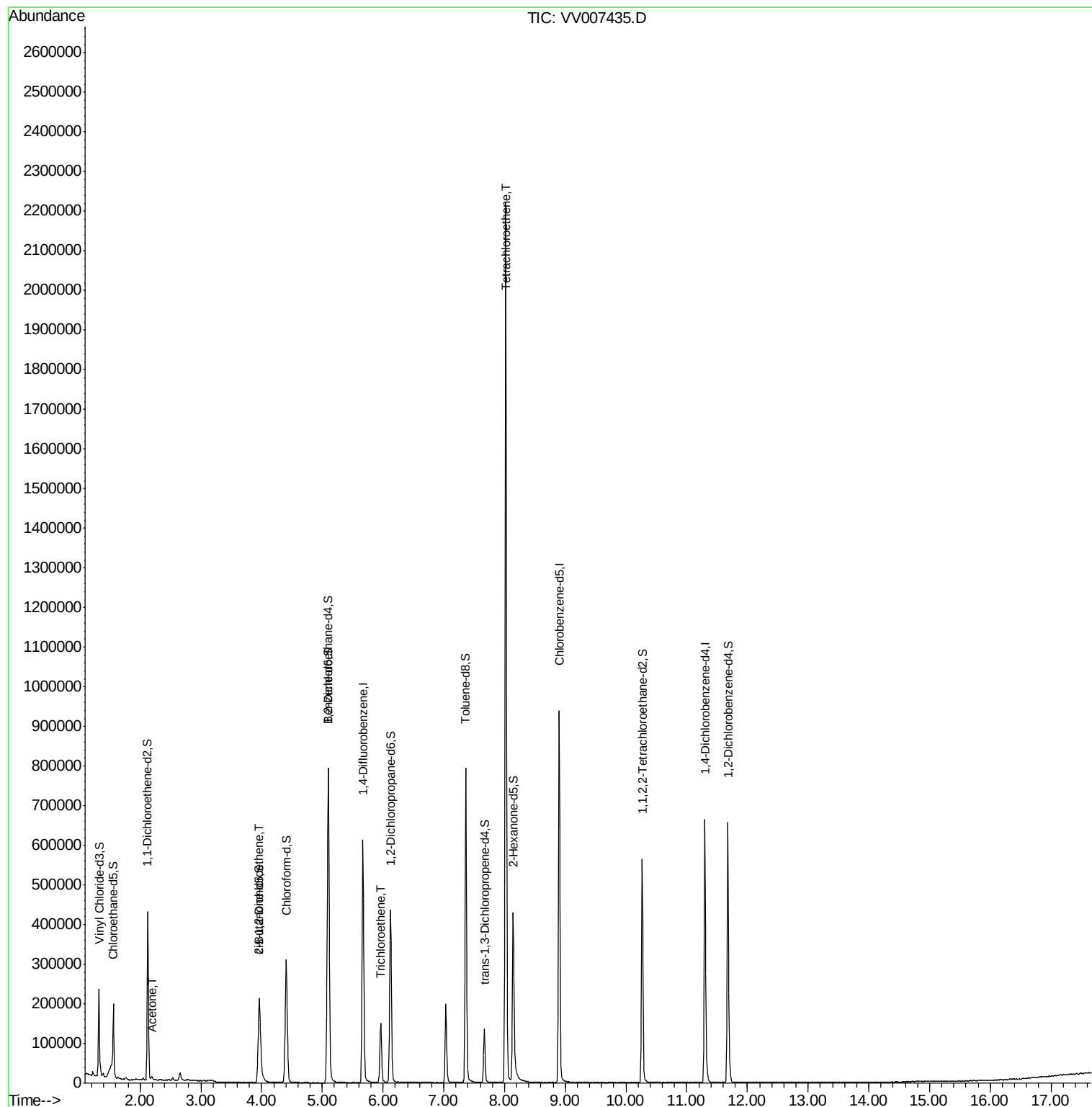
					Ovalue
13) Acetone	2.20	43	3697	2.05 ug/L	93
20) cis-1,2-Dichloroethene	3.96	96	49212	11.88 ug/L	100
34) Trichloroethene	5.96	95	51064	12.26 ug/L	98
46) Tetrachloroethene	8.02	164	516323	154.12 ug/L	98

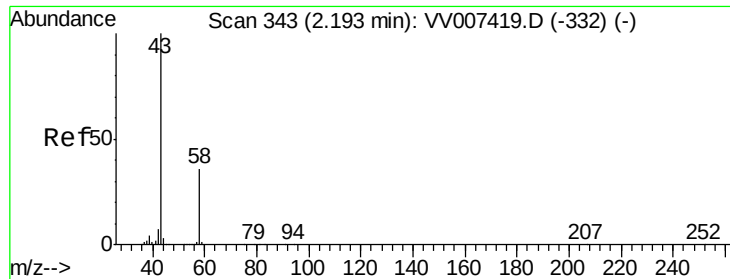
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.05 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV007435.D

Acq: 06 Sep 2018 21:37

Instrument :

MSVOA_V

ClientSampled :

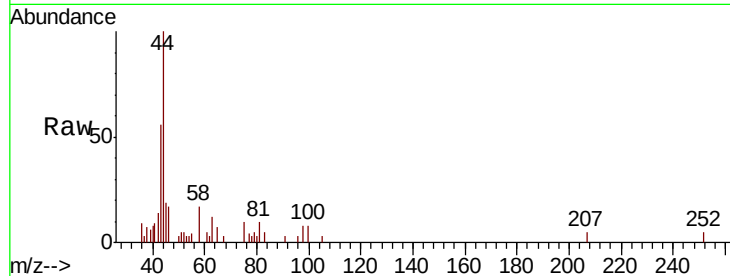
BEGF2

Tot Ion: 43 Resp: 3697

Ion Ratio Lower Upper

43 100

58 31.3 0.0 71.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2500

2000

1500

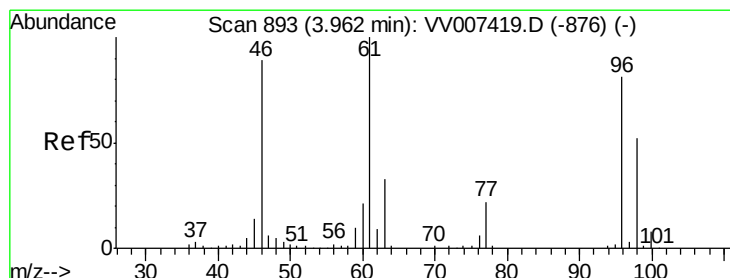
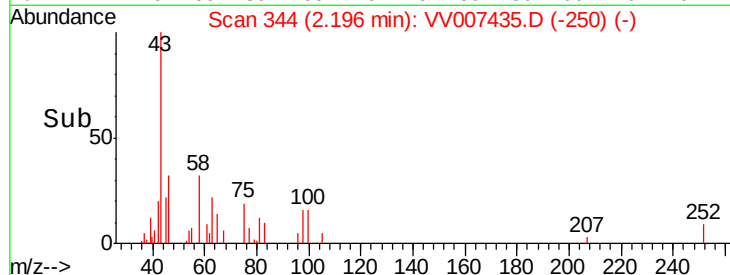
1000

500

0

Time-->

2.15 2.20 2.25



#20

cis-1,2-Dichloroethene

Concen: 11.88 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV007435.D

Acq: 06 Sep 2018 21:37

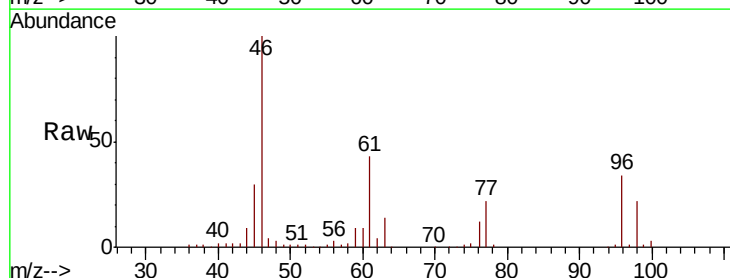
Tgt Ion: 96 Resp: 49212

Ion Ratio Lower Upper

96 100

61 124.0 86.8 161.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

30000

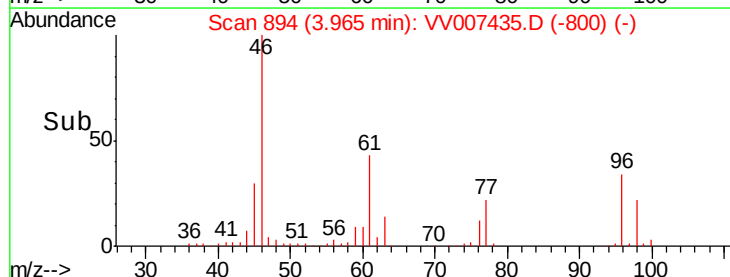
20000

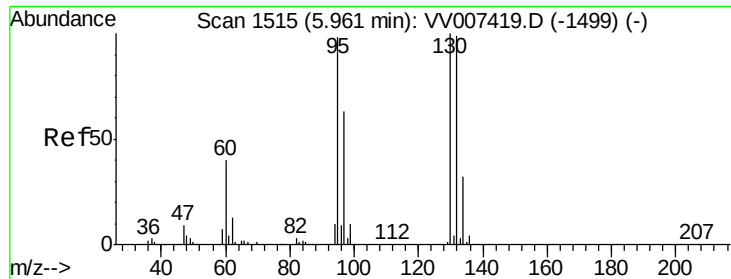
10000

0

Time-->

3.90 3.95 4.00 4.05





#34

Trichloroethene

Concen: 12.26 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007435.D

Acq: 06 Sep 2018 21:37

Instrument :

MSVOA_V

ClientSampleId :

BEGF2

Tot Ion: 95 Resp: 51064

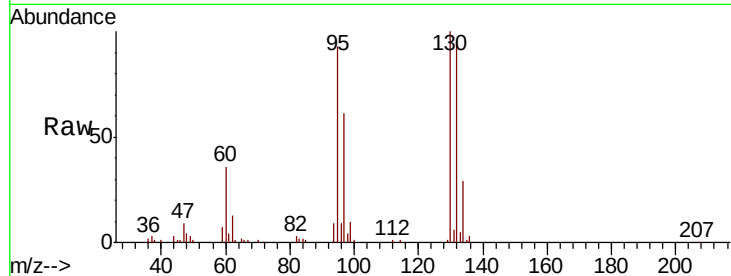
Ion Ratio Lower Upper

95 100

97 65.6 46.1 85.7

132 103.0 70.8 131.6

130 107.9 73.9 137.3

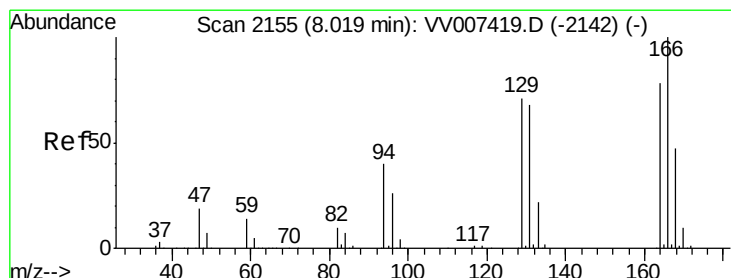
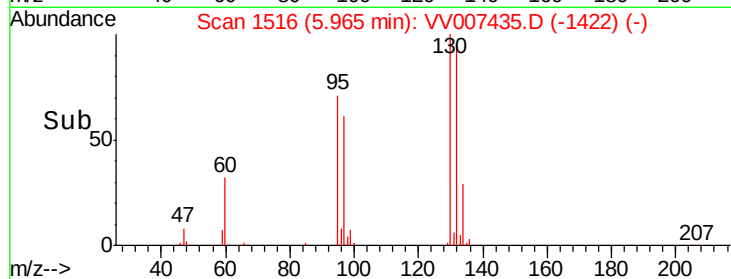
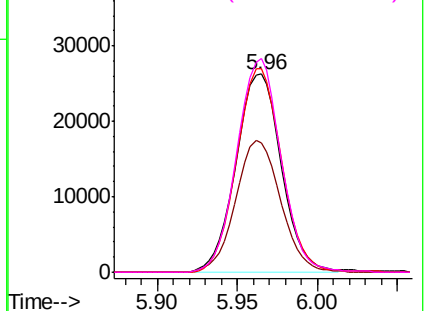


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#46

Tetrachloroethene

Concen: 154.12 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007435.D

Acq: 06 Sep 2018 21:37

Tgt Ion: 164 Resp: 516323

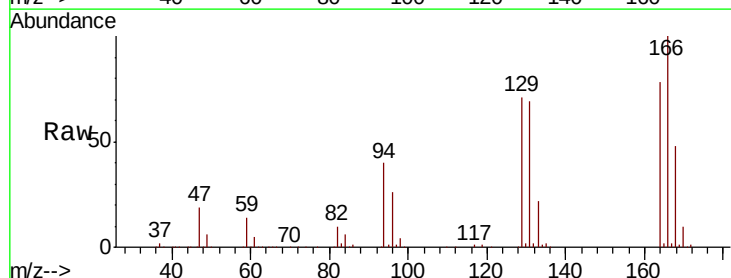
Ion Ratio Lower Upper

164 100

129 90.8 63.9 118.7

131 87.8 62.6 116.2

166 128.1 91.6 170.2



Abundance Ion 164.00 (163.70 to 164.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0

