

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007429.D
 Acq On : 06 Sep 2018 19:07
 Operator : SY/MD
 Sample : J4719-10
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGE6

Quant Time: Sep 07 02:15:24 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	544975	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	540424	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	202652	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	168147	43.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.40%
7) Chloroethane-d5	1.56	69	131228	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.92%
11) 1,1-Dichloroethene-d2	2.13	63	224318	32.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.42%
21) 2-Butanone-d5	3.96	46	200233	63.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	63.24%
24) Chloroform-d	4.41	84	329144	40.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.76%
26) 1,2-Dichloroethane-d4	5.09	65	211123	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.92%
32) Benzene-d6	5.10	84	665070	40.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.66%
36) 1,2-Dichloropropane-d6	6.13	67	223363	40.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.84%
41) Toluene-d8	7.36	98	543191	38.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.48%#
43) trans-1,3-Dichloropropene-	7.67	79	88730	38.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.32%
47) 2-Hexanone-d5	8.14	63	139468	65.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	294905	39.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.12%
64) 1,2-Dichlorobenzene-d4	11.68	152	199588	45.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.66%

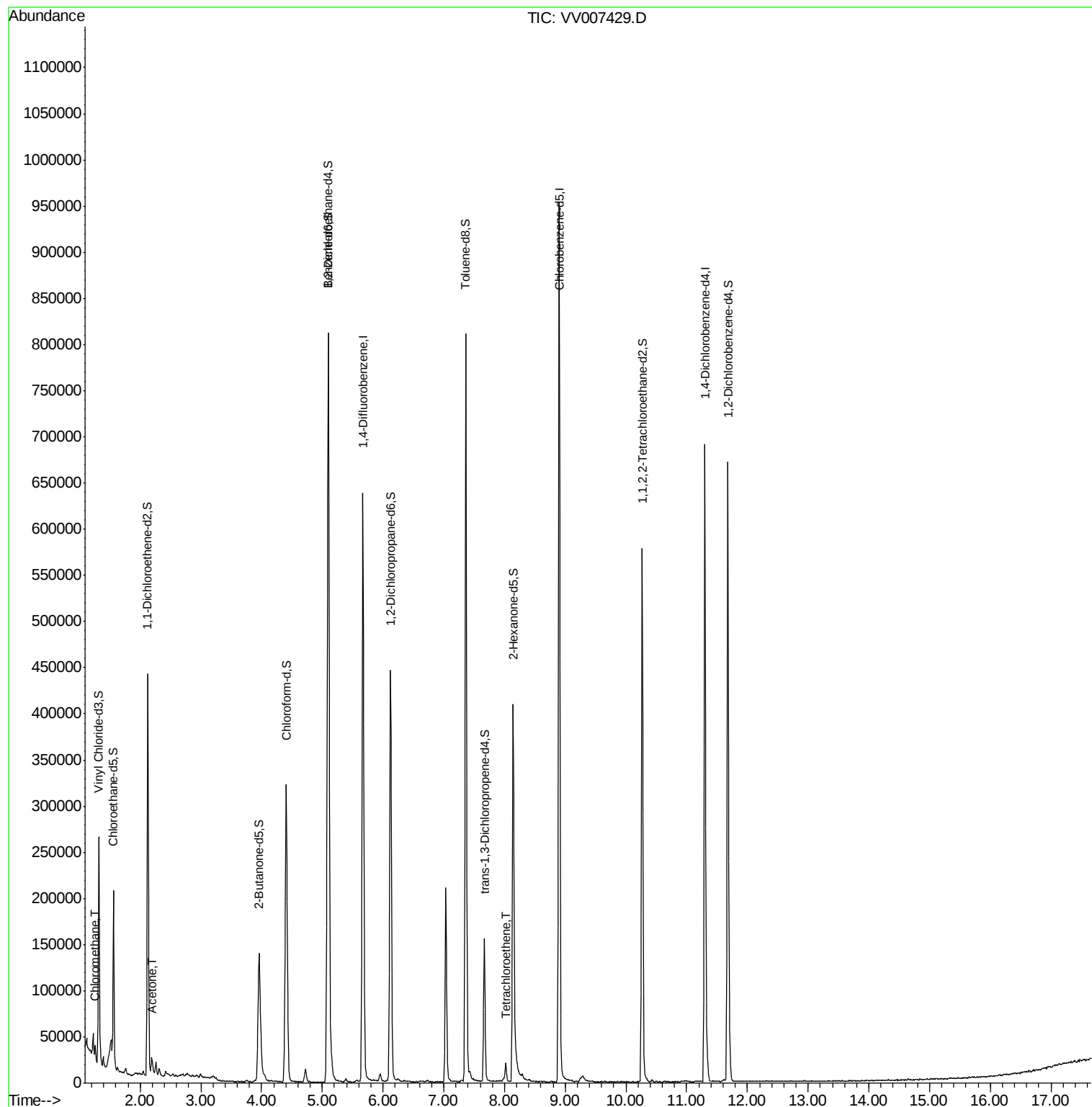
Target Compounds						Ovalue
3) Chloromethane	1.26	50	14525	3.17	ug/L	99
13) Acetone	2.20	43	12280	6.51	ug/L	95
46) Tetrachloroethene	8.02	164	4787	1.41	ug/L	87

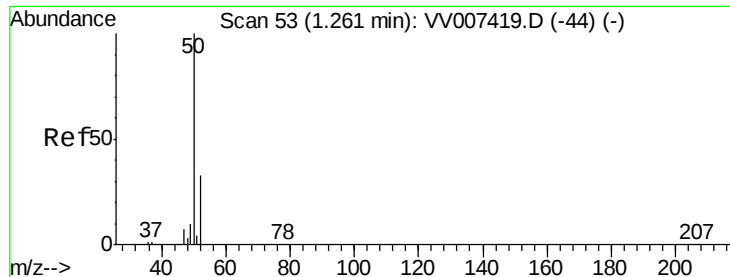
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 3.17 ug/L

RT: 1.26 min Scan# 52

Delta R.T. -0.00 min

Lab File: VV007429.D

Acq: 06 Sep 2018 19:07

Instrument :

MSVOA_V

ClientSampled :

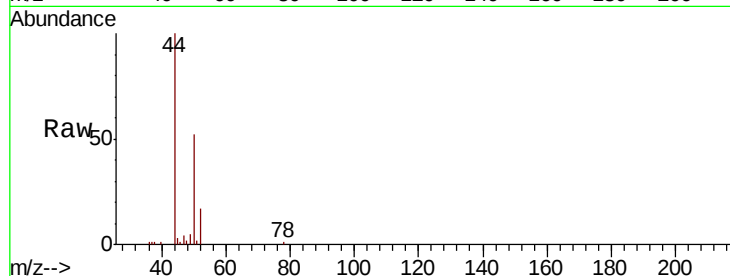
BE6E6

Tot Ion: 50 Resp: 14525

Ion Ratio Lower Upper

50 100

52 32.4 23.2 43.2



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0

12000

10000

8000

6000

4000

2000

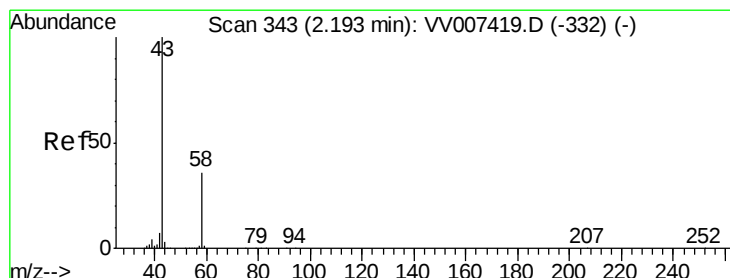
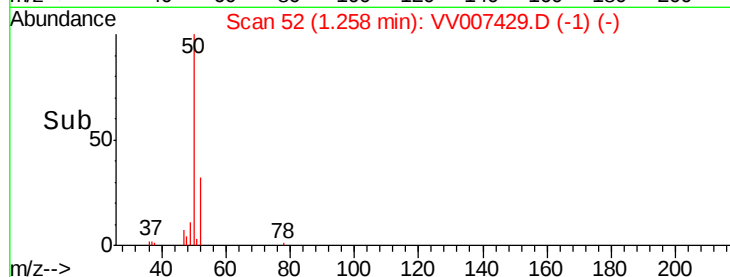
0

1.26

1.25

1.30

Time-->



#13

Acetone

Concen: 6.51 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

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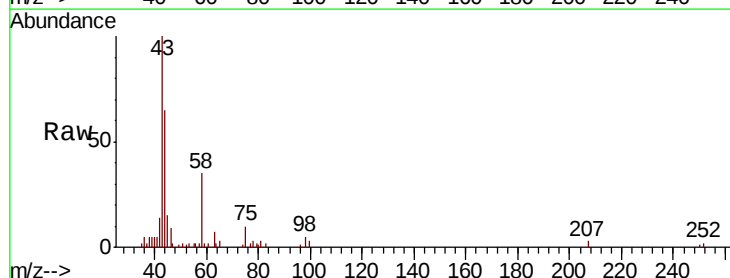
Acq: 06 Sep 2018 19:07

Tgt Ion: 43 Resp: 12280

Ion Ratio Lower Upper

43 100

58 38.5 0.0 71.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

8000

6000

4000

2000

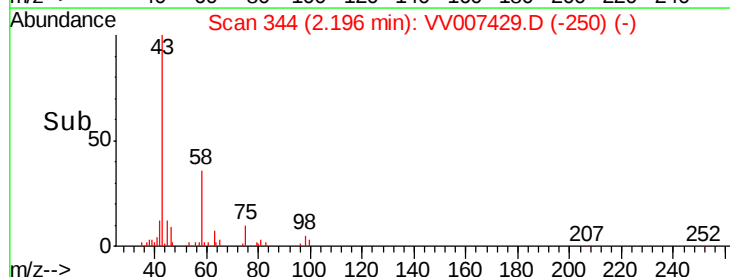
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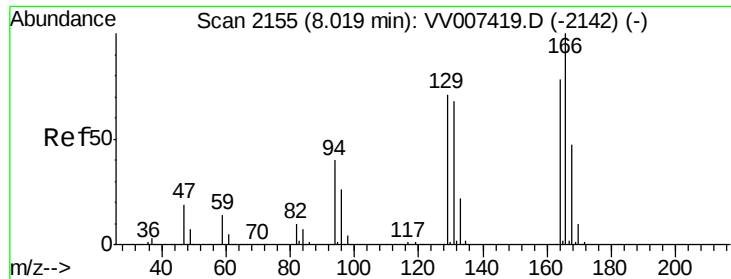
2.20

2.15

2.25

Time-->





#46

Tetrachloroethene

Concen: 1.41 ug/L

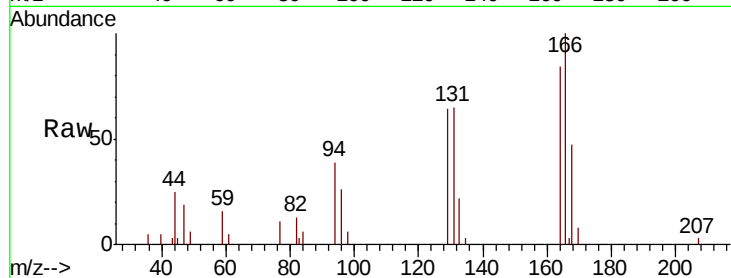
RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

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BEGE6



Tot Ion:164 Resp: 4787

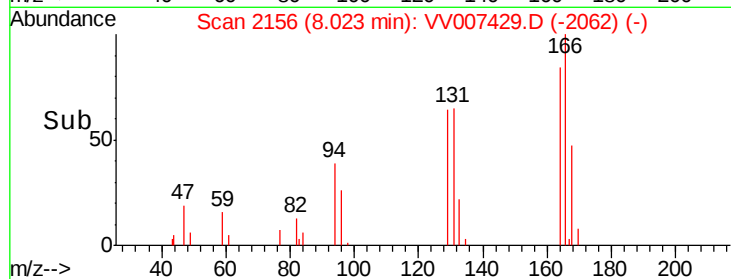
Ion Ratio Lower Upper

164 100

129 75.6 63.9 118.7

131 77.7 62.6 116.2

166 118.7 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

