

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007430.D
 Acq On : 06 Sep 2018 19:32
 Operator : SY/MD
 Sample : J4719-14
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGF0

Quant Time: Sep 07 02:22:38 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	546090	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	548057	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	205762	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	168839	43.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.58%
7) Chloroethane-d5	1.56	69	131967	51.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.30%
11) 1,1-Dichloroethene-d2	2.13	63	221773	32.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.54%
21) 2-Butanone-d5	3.96	46	202602	63.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	63.86%
24) Chloroform-d	4.41	84	324669	40.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.48%
26) 1,2-Dichloroethane-d4	5.09	65	209436	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.06%
32) Benzene-d6	5.10	84	660762	40.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.12	67	219386	39.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.26%
41) Toluene-d8	7.36	98	540216	37.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.98%#
43) trans-1,3-Dichloropropene-	7.67	79	87062	36.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.84%
47) 2-Hexanone-d5	8.14	63	144835	66.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.75%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	293890	38.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.74%
64) 1,2-Dichlorobenzene-d4	11.68	152	198419	44.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.74%

Target Compounds

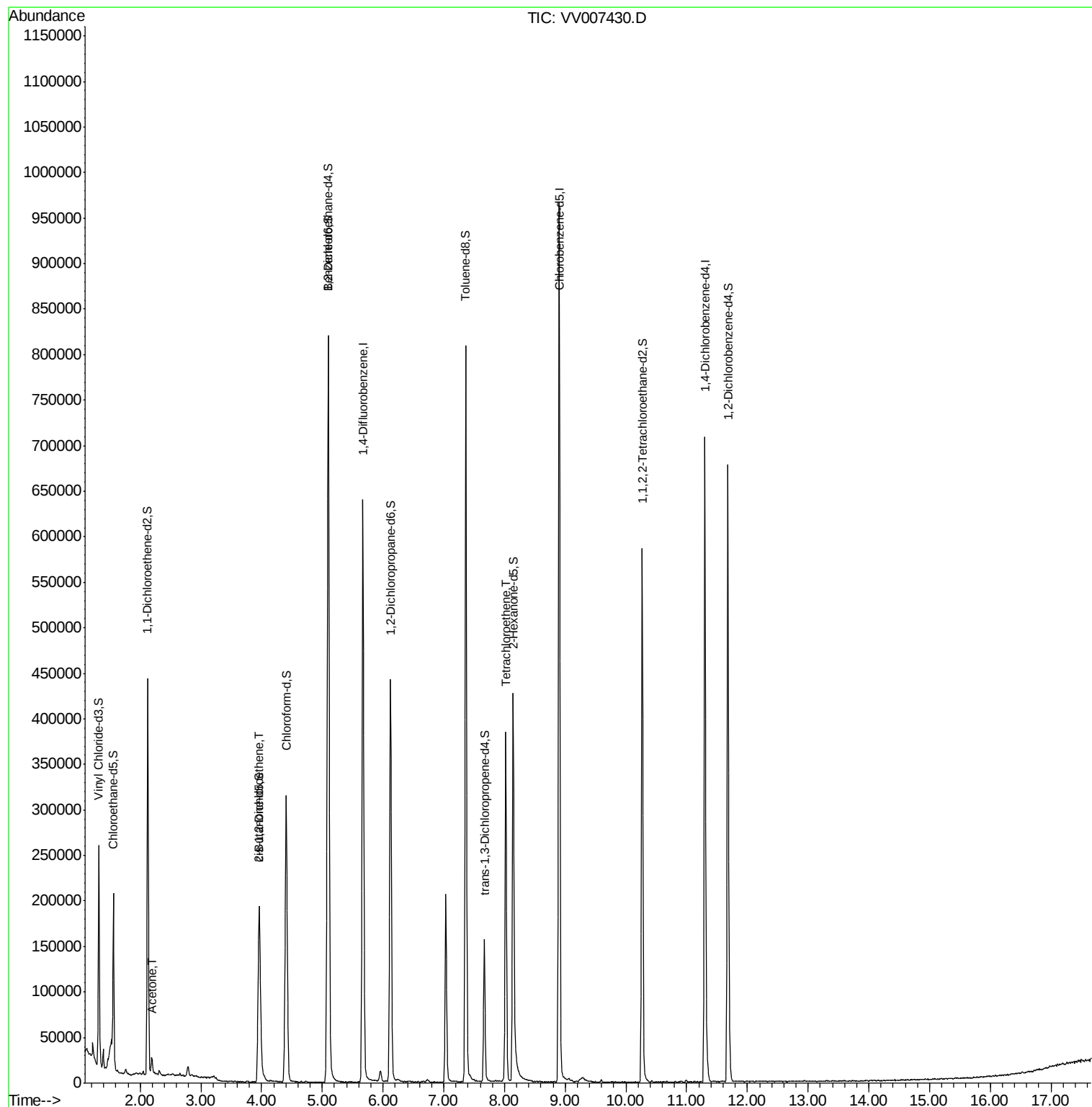
					Ovalue
13) Acetone	2.19	43	13360	7.07 ug/L	97
20) cis-1,2-Dichloroethene	3.96	96	32791	7.56 ug/L	98
46) Tetrachloroethene	8.02	164	92956	27.01 ug/L	98

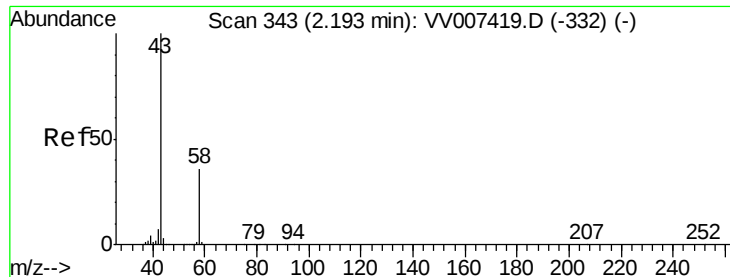
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.07 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV007430.D

Acq: 06 Sep 2018 19:32

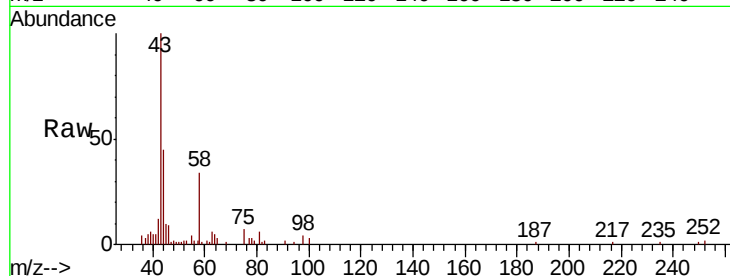
Instrument :
MSVOA_V
ClientSampleId :
BEGF0

Tot Ion: 43 Resp: 13360

Ion Ratio Lower Upper

43 100

58 37.6 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) (-)

2.19

10000

8000

6000

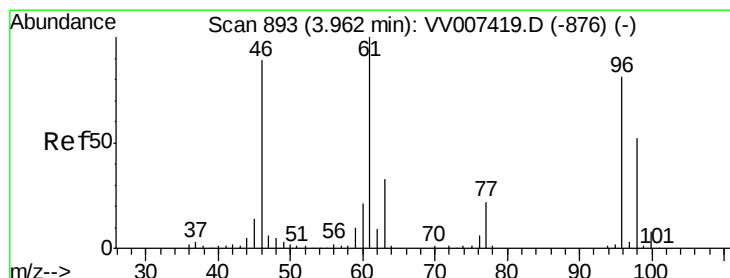
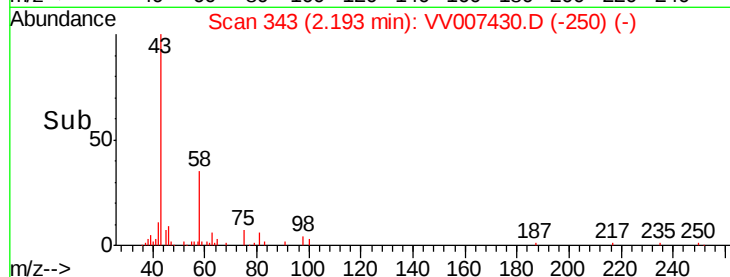
4000

2000

0

Time-->

2.15 2.20 2.25



#20

cis-1,2-Dichloroethene

Concen: 7.56 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV007430.D

Acq: 06 Sep 2018 19:32

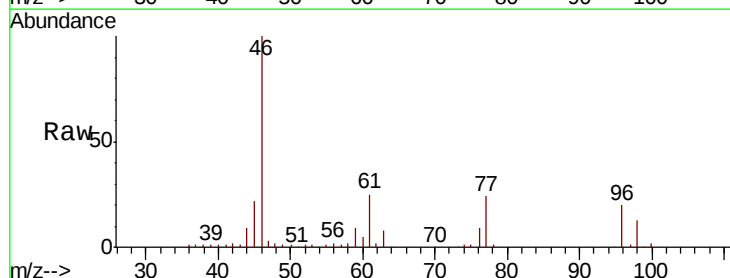
Tgt Ion: 96 Resp: 32791

Ion Ratio Lower Upper

96 100

61 126.5 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) (-)

3.96

20000

15000

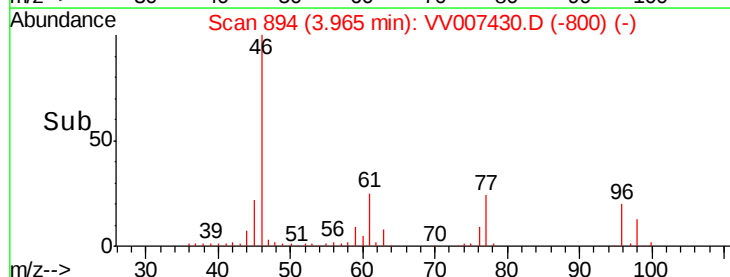
10000

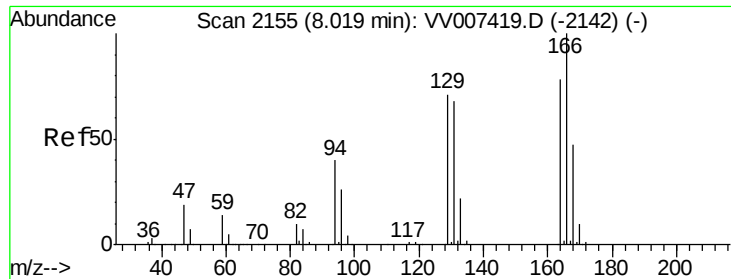
5000

0

Time-->

3.90 3.95 4.00 4.05





#46

Tetrachloroethene

Concen: 27.01 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

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Instrument :
MSVOA_V
ClientSampleId :
BEGF0

Tot Ion:164 Resp: 92956

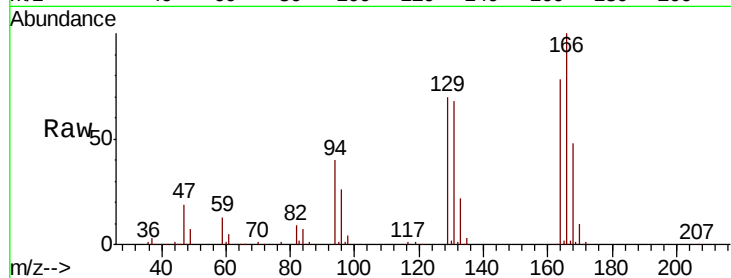
Ion Ratio Lower Upper

164 100

129 89.9 63.9 118.7

131 87.5 62.6 116.2

166 127.7 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

