

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007434.D
 Acq On : 06 Sep 2018 21:12
 Operator : SY/MD
 Sample : J4719-13 10X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGE9

Quant Time: Sep 07 02:43:17 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	495999	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	484835	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	184316	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	159195	44.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.88%
7) Chloroethane-d5	1.55	69	68912	29.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.38%#
11) 1,1-Dichloroethene-d2	2.12	63	202490	32.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.88%
21) 2-Butanone-d5	3.96	46	161247	55.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	55.95%
24) Chloroform-d	4.41	84	315436	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.08%
26) 1,2-Dichloroethane-d4	5.09	65	200033	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.50%
32) Benzene-d6	5.10	84	628671	43.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.04%
36) 1,2-Dichloropropane-d6	6.12	67	212214	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.66%
41) Toluene-d8	7.36	98	499319	39.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.40%#
43) trans-1,3-Dichloropropene-	7.67	79	75263	36.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.16%
47) 2-Hexanone-d5	8.14	63	146945	76.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.55%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	294267	44.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	186271	47.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.04%

Target Compounds

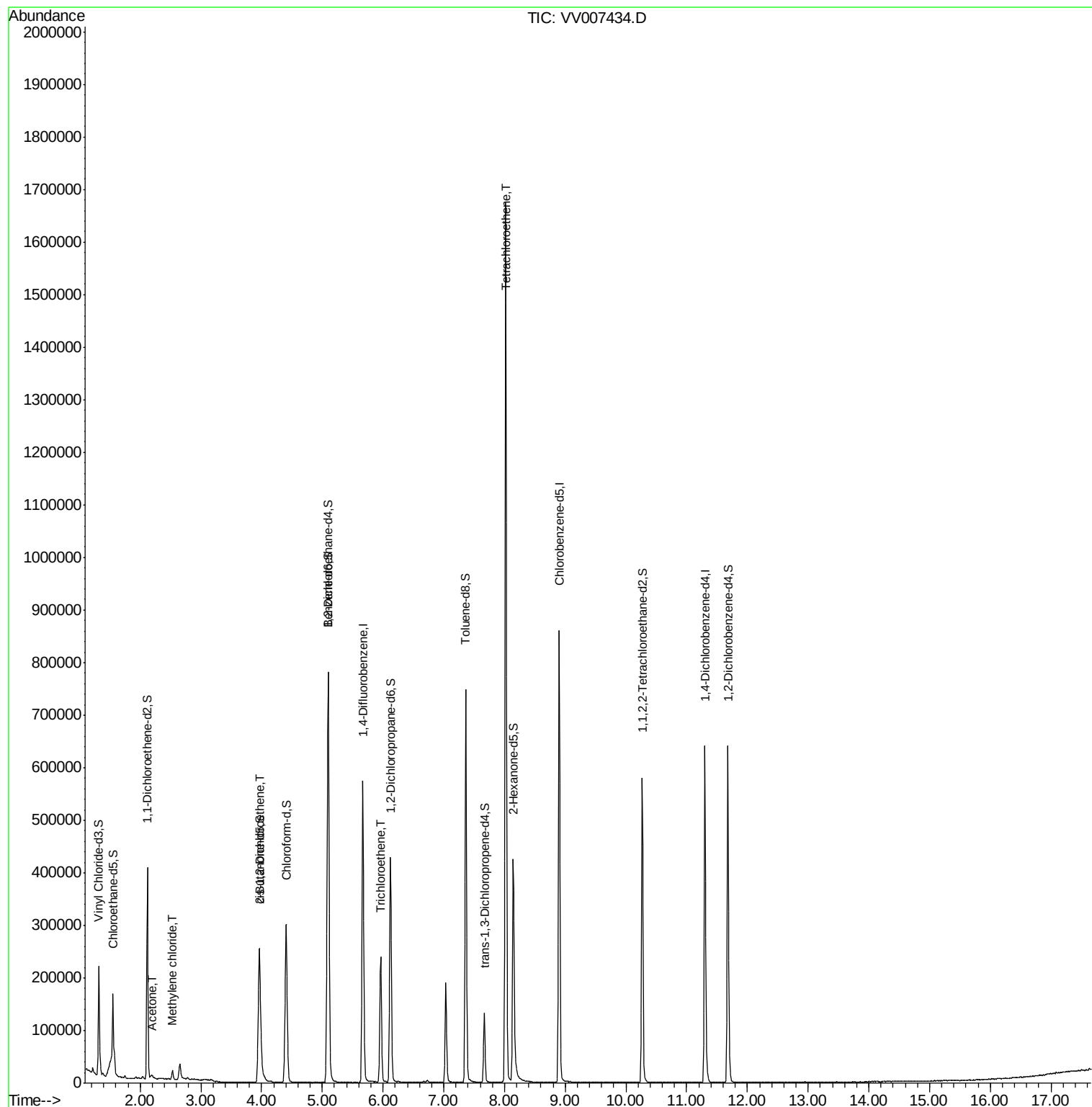
					Ovalue
13) Acetone	2.20	43	4021	2.34	ug/L 96
16) Methylene chloride	2.53	84	7661	2.05	ug/L 94
20) cis-1,2-Dichloroethene	3.96	96	80991	20.57	ug/L 98
34) Trichloroethene	5.96	95	81352	21.49	ug/L 98
46) Tetrachloroethene	8.02	164	398930	131.05	ug/L 97

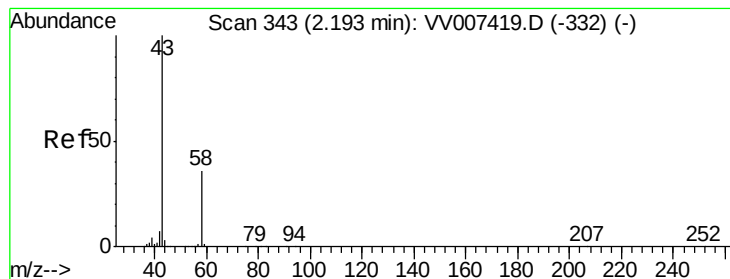
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.34 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV007434.D

Acq: 06 Sep 2018 21:12

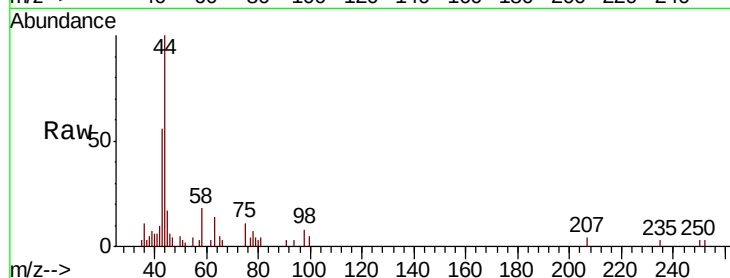
Instrument :
MSVOA_V
ClientSampled :
BEGE9

Tot Ion: 43 Resp: 4021

Ion Ratio Lower Upper

43 100

58 33.0 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) (-)

2500

2000

1500

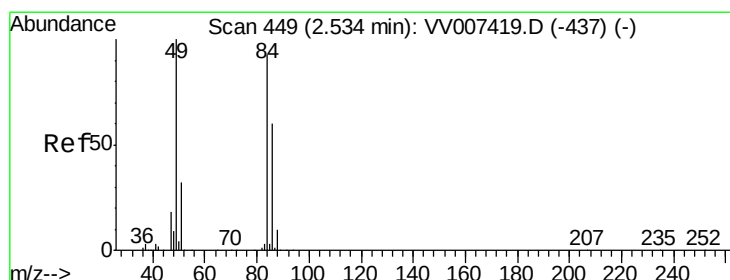
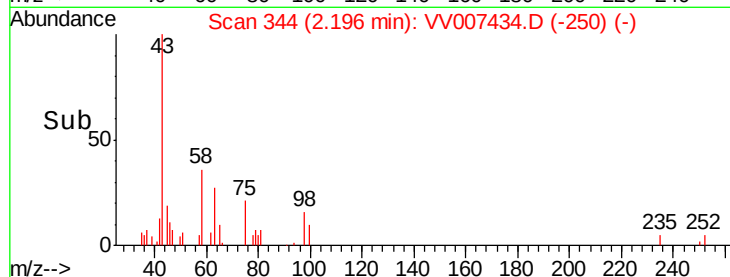
1000

500

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 2.05 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV007434.D

Acq: 06 Sep 2018 21:12

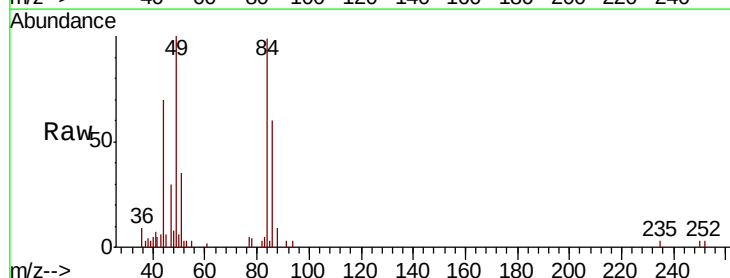
Tgt Ion: 84 Resp: 7661

Ion Ratio Lower Upper

84 100

86 60.7 45.3 84.1

49 101.3 75.6 140.4



Abundance Ion 84.00 (83.70 to 84.70): VV007419.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV007419.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV007419.D (-437) (-)

6000

5000

4000

3000

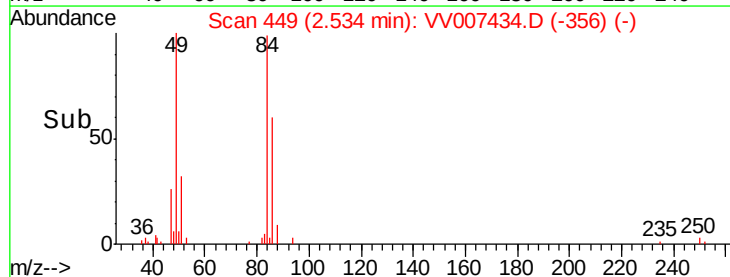
2000

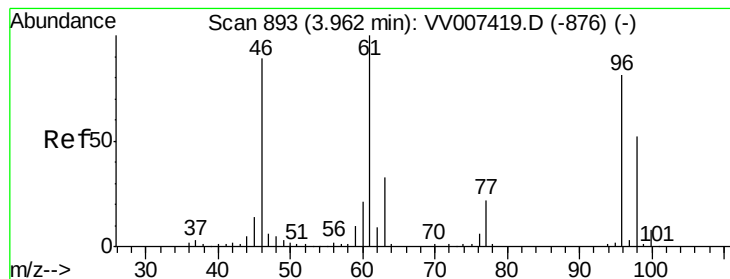
1000

0

2.50 2.55 2.60

Time-->





#20

cis-1,2-Dichloroethene

Concen: 20.57 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV007434.D

Acq: 06 Sep 2018 21:12

Instrument :

MSVOA_V

ClientSampled :

BEGE9

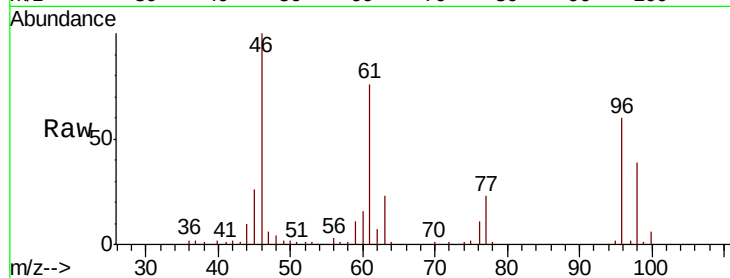
Tot Ion: 96 Resp: 80991

Ion Ratio Lower Upper

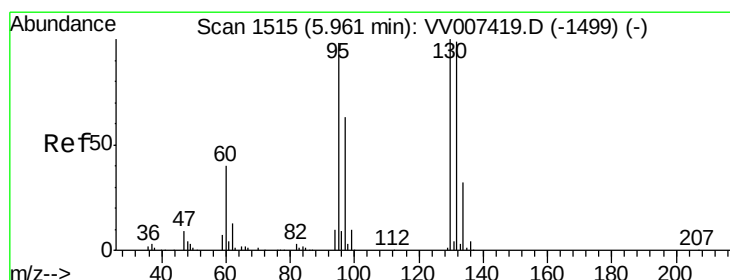
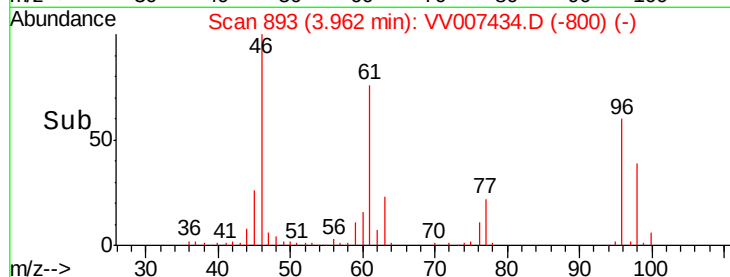
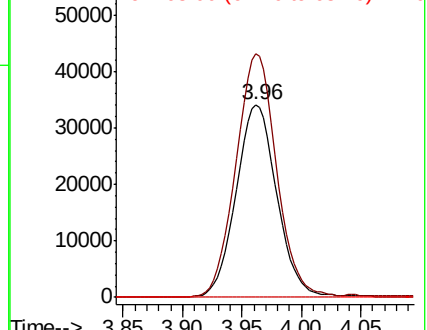
96 100

61 126.4 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



#34

Trichloroethene

Concen: 21.49 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV007434.D

Acq: 06 Sep 2018 21:12

Tgt Ion: 95 Resp: 81352

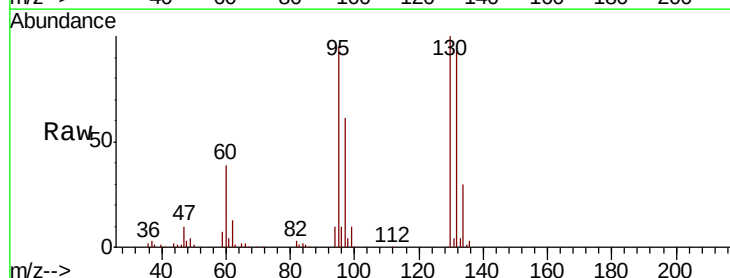
Ion Ratio Lower Upper

95 100

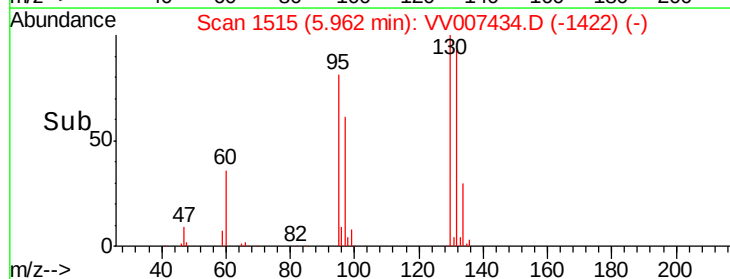
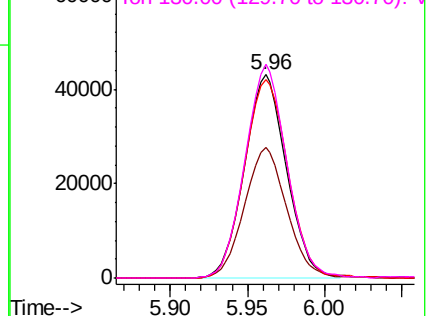
97 64.1 46.1 85.7

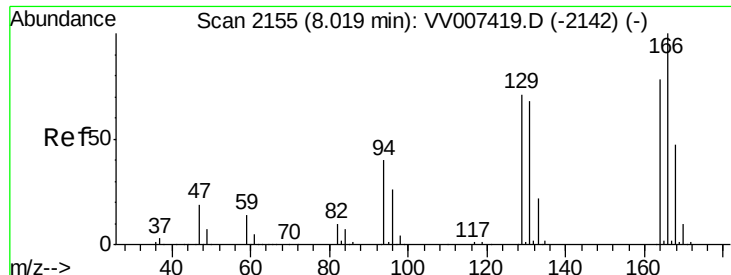
132 97.8 70.8 131.6

130 105.0 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: 131.05 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007434.D

Acq: 06 Sep 2018 21:12

Instrument :
MSVOA_V
ClientSampleId :
BEGE9

Tot Ion:164 Resp: 398930

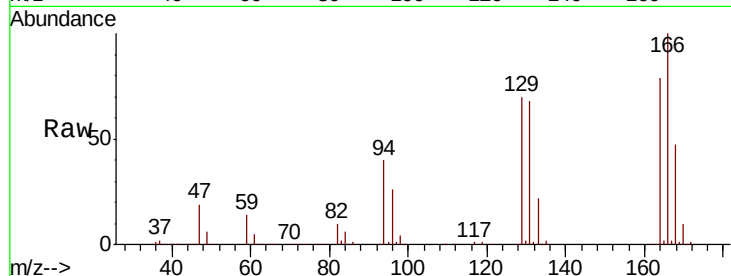
Ion Ratio Lower Upper

164 100

129 89.2 63.9 118.7

131 86.2 62.6 116.2

166 126.8 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

