

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100518\
 Data File : VV008098.D
 Acq On : 05 Oct 2018 15:15
 Operator : SY/MD
 Sample : J5246-11RE
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J79RE

Quant Time: Oct 08 07:15:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 01:03:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	110806	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	105852	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50018	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26725	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.59	69	23130	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.60%
11) 1,1-Dichloroethene-d2	2.14	63	41541	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.96	46	69367	42.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.78%
24) Chloroform-d	4.41	84	56190	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.09	65	28738	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
32) Benzene-d6	5.10	84	107815	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	6.12	67	33918	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.36	98	100067	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	7.67	79	11588	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.14	63	49304	41.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23286	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	39772	4.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.80%

Target Compounds

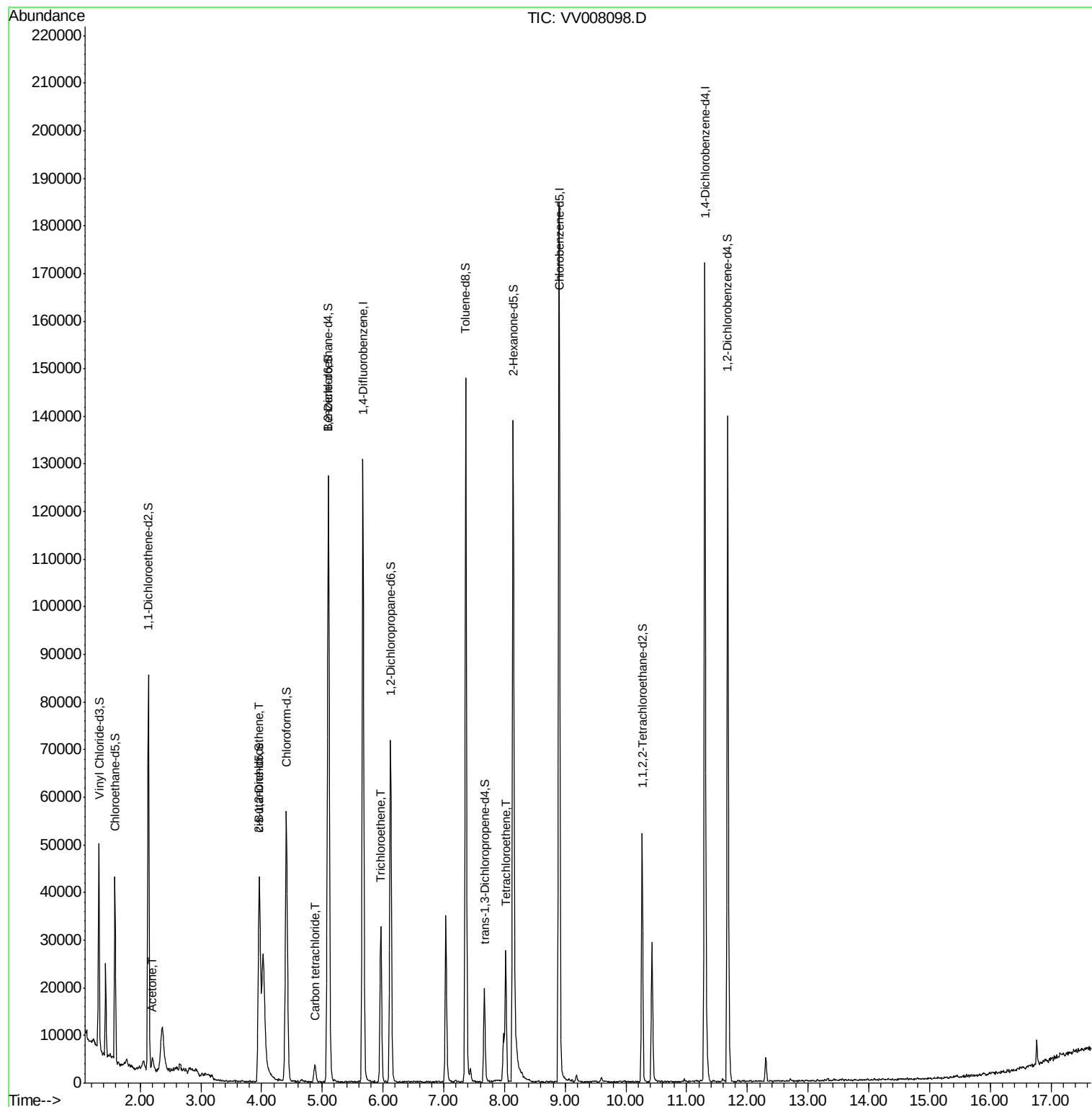
					Ovalue
13) Acetone	2.21	43	2832	2.554	ug/L 91
22) cis-1,2-Dichloroethene	3.96	96	2135	0.289	ug/L 92
31) Carbon tetrachloride	4.88	117	2922	0.277	ug/L 97
34) Trichloroethene	5.96	95	10759	1.380	ug/L 98
47) Tetrachloroethene	8.02	164	6528	0.938	ug/L 97

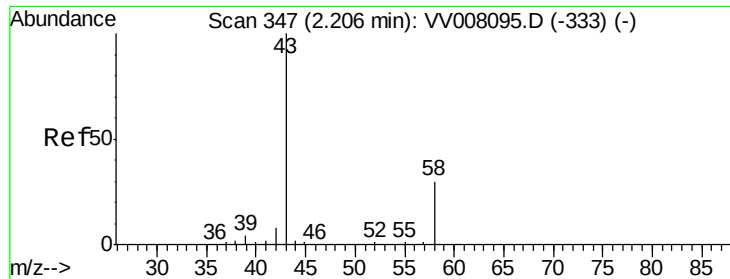
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.554 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

Lab File: VV008098.D

Acq: 05 Oct 2018 15:15

Instrument :

MSVOA_V

ClientSampled :

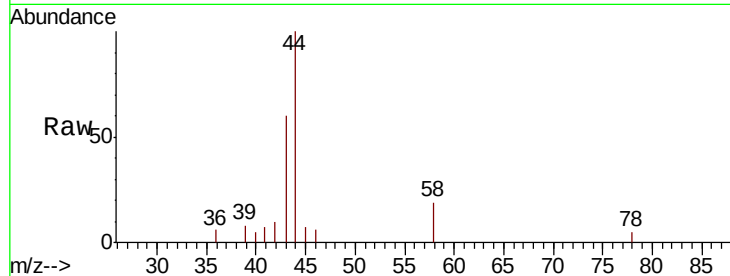
C0J79RE

Tot Ion: 43 Resp: 2832

Ion Ratio Lower Upper

43 100

58 26.4 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV008095.D (-333) (-)

Ion 58.05 (57.75 to 58.75): VV008095.D (-333) (-)

2.21

1500

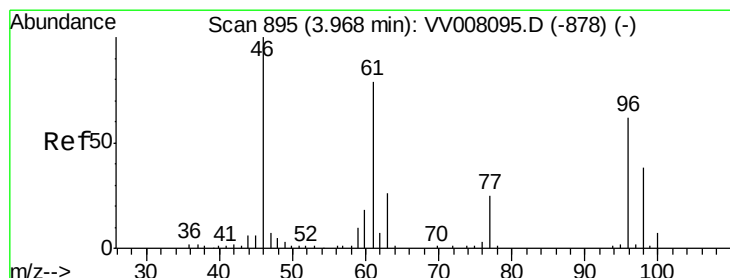
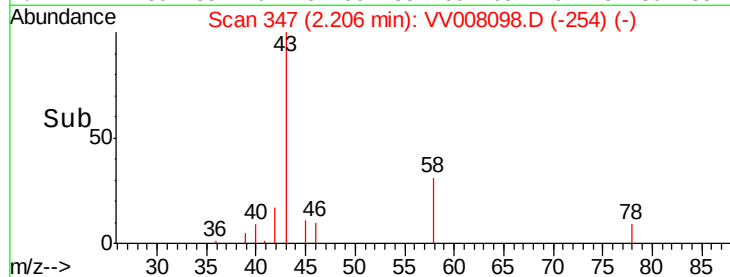
1000

500

0

Time-->

2.15 2.20 2.25



#22

cis-1,2-Dichloroethene

Concen: 0.289 ug/L

RT: 3.96 min Scan# 893

Delta R.T. -0.01 min

Lab File: VV008098.D

Acq: 05 Oct 2018 15:15

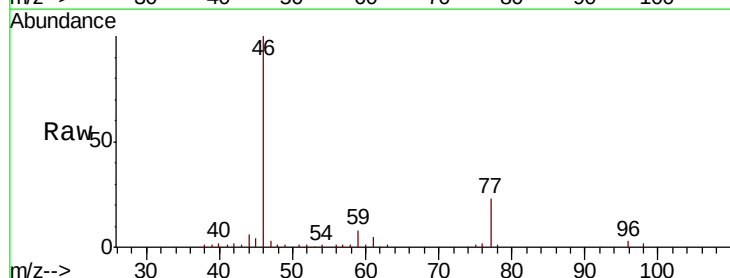
Tgt Ion: 96 Resp: 2135

Ion Ratio Lower Upper

96 100

61 130.3 85.1 158.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV008095.D (-878) (-)

Ion 61.05 (60.75 to 61.75): VV008095.D (-878) (-)

Ion 68.15 (67.85 to 68.85): VV008095.D (-878) (-)

1500

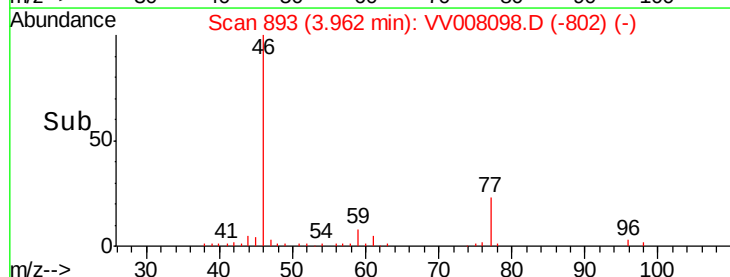
1000

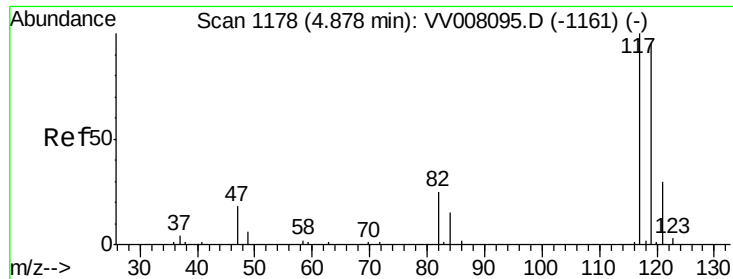
500

0

Time-->

3.90 3.95 4.00





#31

Carbon tetrachloride

Concen: 0.277 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VV008098.D

Acq: 05 Oct 2018 15:15

Instrument :

MSVOA_V

ClientSampled :

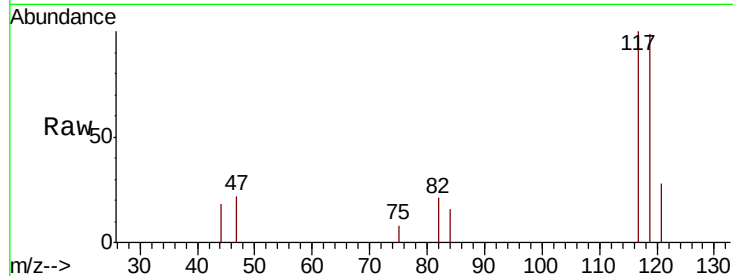
C0J79RE

Tot Ion:117 Resp: 2922

Ion Ratio Lower Upper

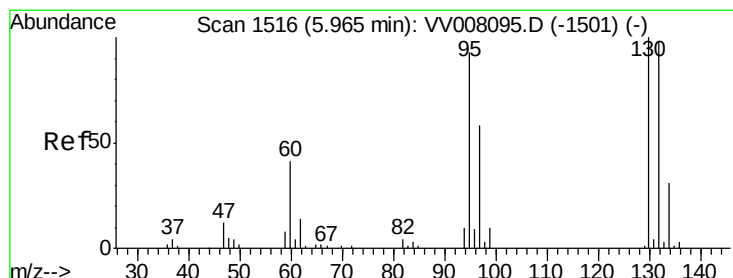
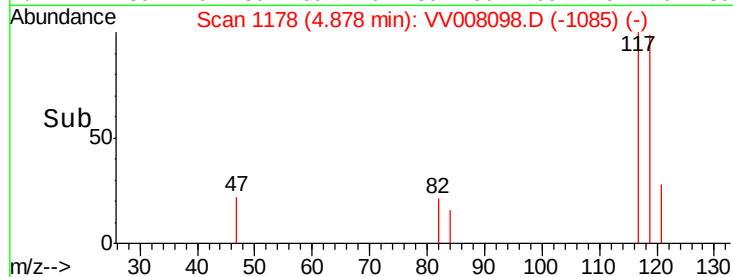
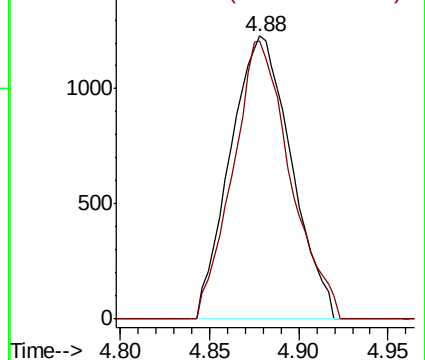
117 100

119 92.8 76.3 114.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 1.380 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. -0.00 min

Lab File: VV008098.D

Acq: 05 Oct 2018 15:15

Tgt Ion: 95 Resp: 10759

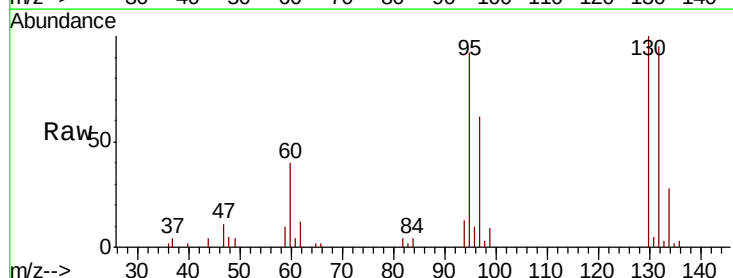
Ion Ratio Lower Upper

95 100

97 67.5 44.9 83.5

132 102.7 73.6 136.6

130 108.6 76.2 141.6

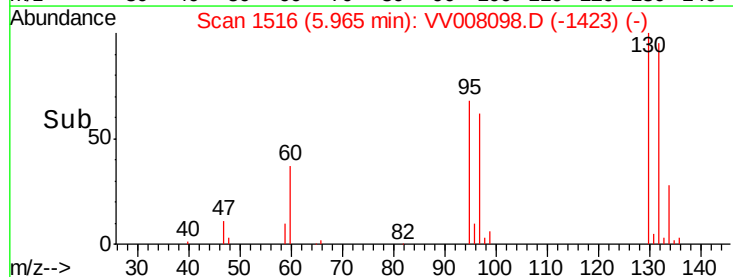
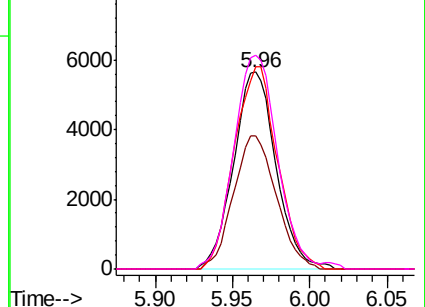


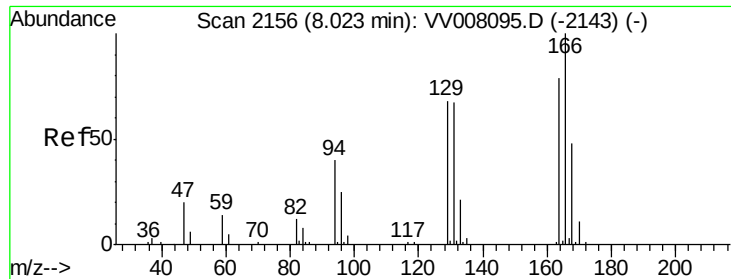
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#47
 Tetrachloroethene
 Concen: 0.938 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: VV008098.D
 Acq: 05 Oct 2018 15:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J79RE

Tot Ion:	164	Resp:	6528
Ion	Ratio	Lower	Upper
164	100		
129	83.3	62.2	115.4
131	87.8	60.5	112.5
166	128.8	92.1	171.1

