

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007843.D
 Acq On : 25 Sep 2018 02:25
 Operator : SY/MD
 Sample : J5043-18
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FF8

Manual Integrations
 APPROVED

apatel
 9/25/2018 12:11:38 PM

Quant Time: Sep 25 05:26:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 04:04:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	187425	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184886	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94911	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32007	31.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.84%
7) Chloroethane-d5	1.59	69	35920	38.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.14	63	66988	27.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.78%#
21) 2-Butanone-d5	3.95	46	50742	75.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.42%
24) Chloroform-d	4.41	84	81614	37.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.84%
26) 1,2-Dichloroethane-d4	5.09	65	59970	43.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.22%
32) Benzene-d6	5.11	84	168200	39.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.16%
36) 1,2-Dichloropropane-d6	6.13	67	51587	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.22%
41) Toluene-d8	7.36	98	169988	38.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.56%#
43) trans-1,3-Dichloropropene-	7.67	79	21842	34.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.04%
47) 2-Hexanone-d5	8.14	63	42811m	77.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.47%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79724	40.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	82463	42.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.48%

Target Compounds

					Ovalue
17) trans-1,2-Dichloroethene	2.79	96	2903	2.070 ug/L	92
20) cis-1,2-Dichloroethene	3.97	96	384211	305.466 ug/L	100
34) Trichloroethene	5.96	95	212757	162.441 ug/L	98
46) Tetrachloroethene	8.02	164	458415	341.975 ug/L	99

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

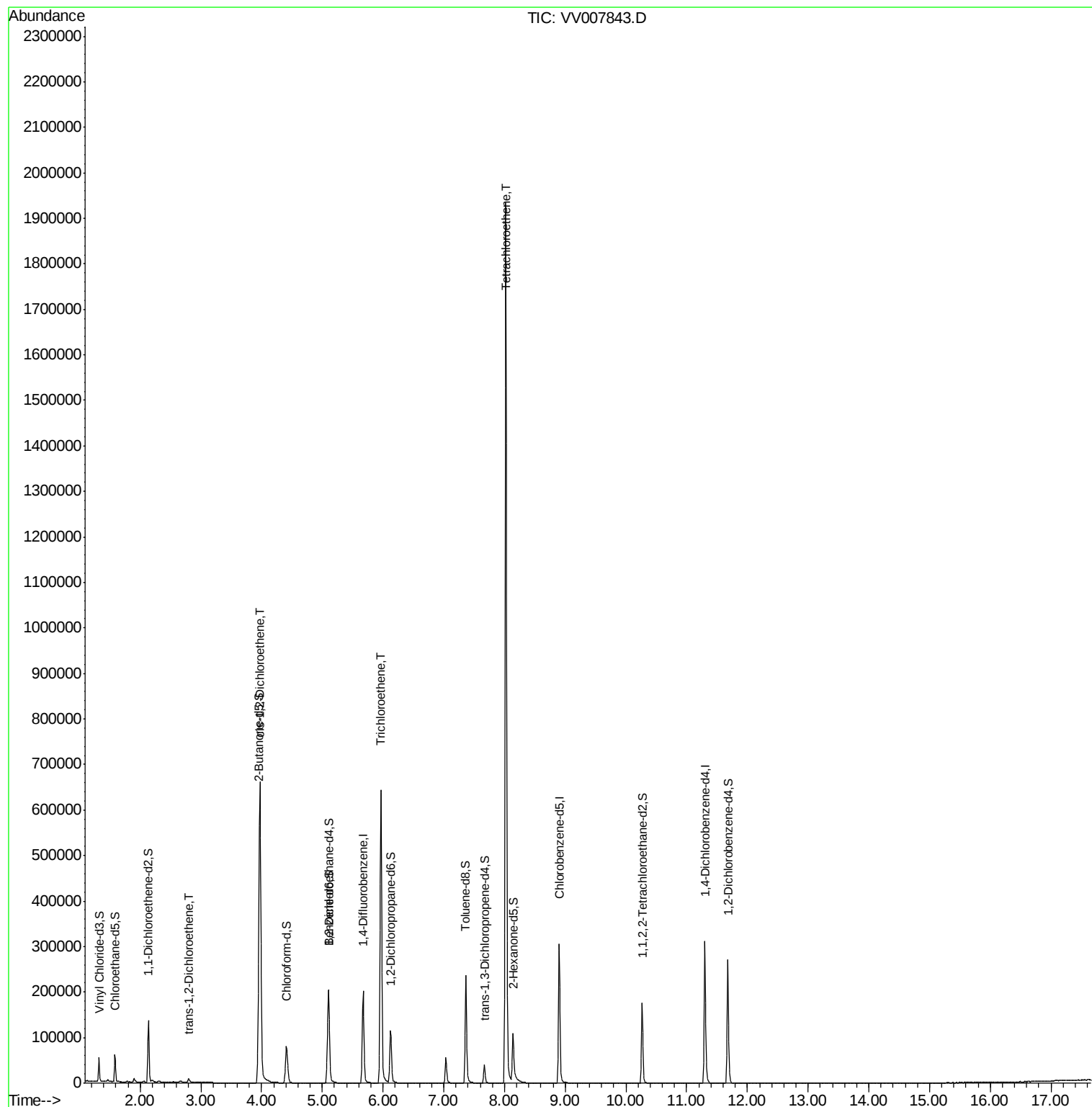
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092418\
Data File : VV007843.D
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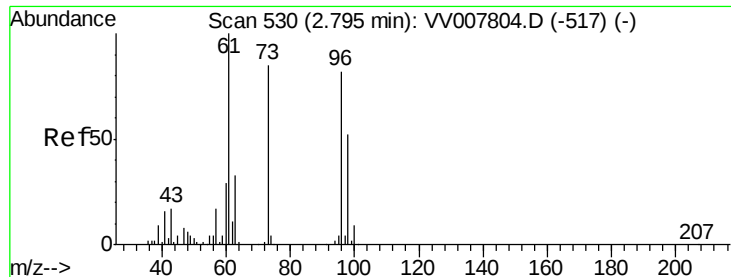
Instrument :
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Quant Time: Sep 25 05:26:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 25 04:04:32 2018
Response via : Initial Calibration





#17

trans-1,2-Dichloroethene

Concen: 2.070 ug/L

RT: 2.79 min Scan# 530

Delta R.T. -0.00 min

Lab File: VV007843.D

Acq: 25 Sep 2018 02:25

Instrument :

MSVOA_V

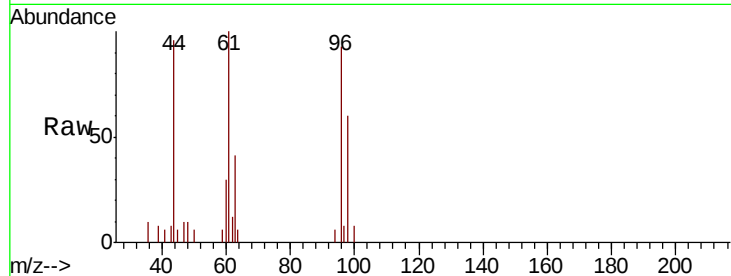
ClientSampled :

E5FF8

Tot Ion:	96	Resp:	2903
Ion	Ratio	Lower	Upper
96	100		
61	107.8	84.9	157.7
98	64.5	44.6	82.8

Manual Integrations
APPROVED

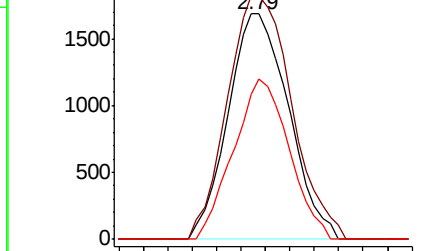
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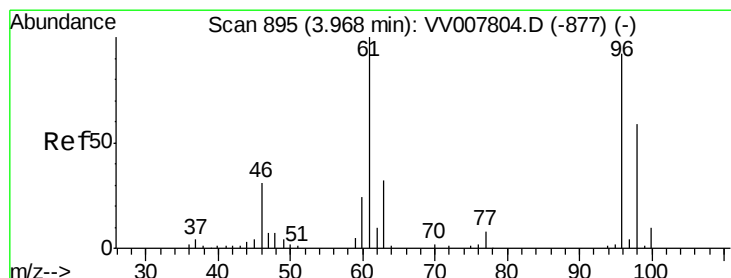
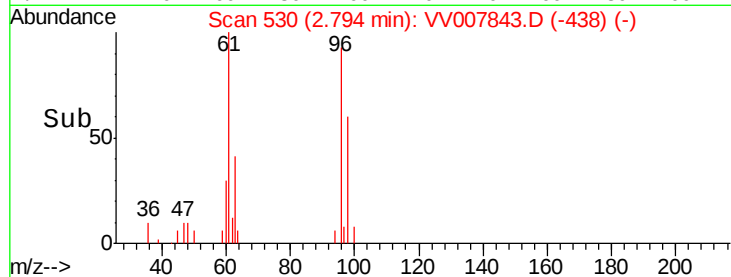
Abundance Ion 96.00 (95.70 to 96.70): VV007804.D (-517) (-)

Ion 61.00 (60.70 to 61.70): VV007804.D (-517) (-)

Ion 98.00 (97.70 to 98.70): VV007804.D (-517) (-)



Time-->



#20

cis-1,2-Dichloroethene

Concen: 305.466 ug/L

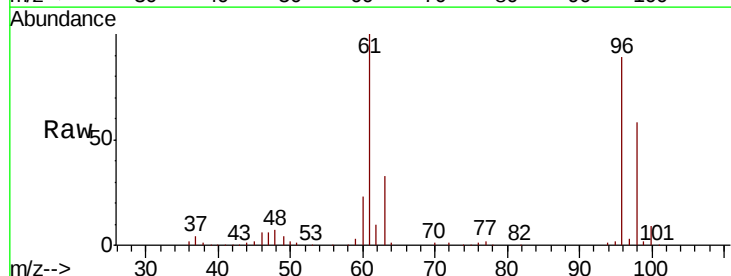
RT: 3.97 min Scan# 896

Delta R.T. 0.00 min

Lab File: VV007843.D

Acq: 25 Sep 2018 02:25

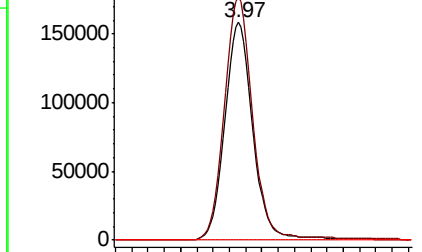
Tgt Ion:	96	Resp:	384211
Ion	Ratio	Lower	Upper
96	100		
61	112.0	78.8	146.3
68	0.0	0.0	0.0



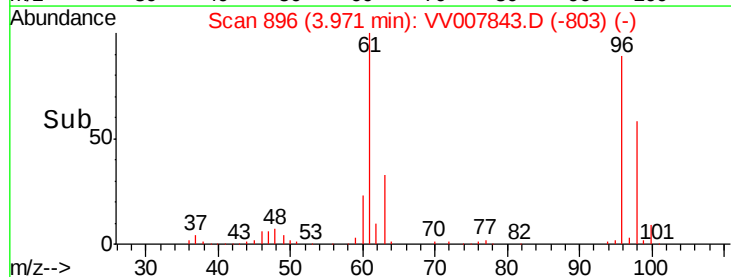
Abundance Ion 96.00 (95.70 to 96.70): VV007804.D (-877) (-)

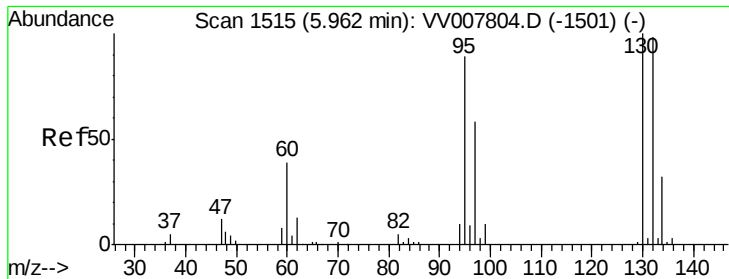
Ion 61.00 (60.70 to 61.70): VV007804.D (-877) (-)

Ion 68.00 (67.70 to 68.70): VV007804.D (-877) (-)



Time-->





#34

Trichloroethene

Concen: 162.441 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

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Acq: 25 Sep 2018 02:25

Instrument :

MSVOA_V

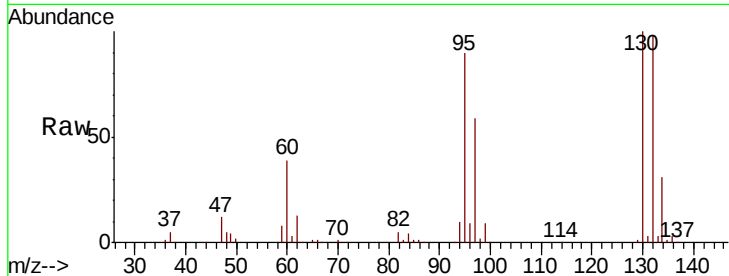
ClientSampleId :

E5FF8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		212757		
97	65.2	45.2	84.0		
132	109.2	77.7	144.3		
130	111.4	79.7	148.1		

Manual Integrations
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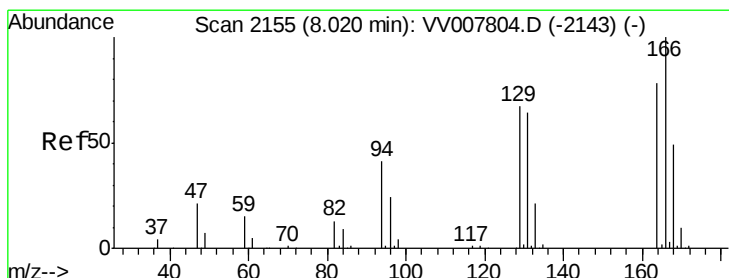
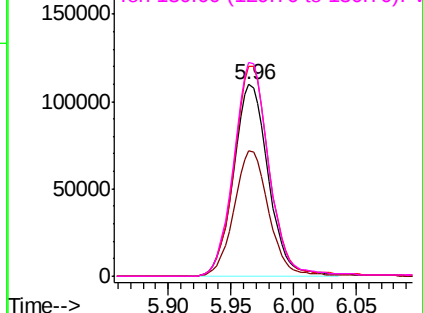
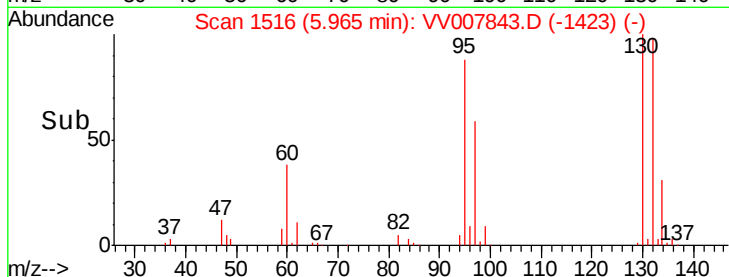
Abundance

Ion 95.00 (94.70 to 95.70): VV007804.D (-1501) (-)

Ion 97.00 (96.70 to 97.70): VV007804.D (-1501) (-)

Ion 132.00 (131.70 to 132.70): VV007804.D (-1501) (-)

Ion 130.00 (129.70 to 130.70): VV007804.D (-1501) (-)



#46

Tetrachloroethene

Concen: 341.975 ug/L

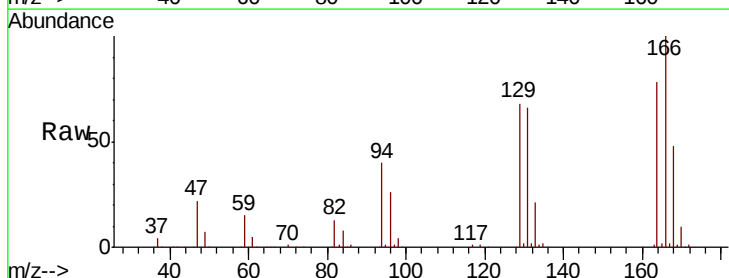
RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007843.D

Acq: 25 Sep 2018 02:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		458415		
129	87.5	61.0	113.4		
131	84.0	57.8	107.4		
166	127.9	89.9	167.0		



Abundance

Ion 164.00 (163.70 to 164.70): VV007804.D (-2143) (-)

Ion 129.00 (128.70 to 129.70): VV007804.D (-2143) (-)

Ion 131.00 (130.70 to 131.70): VV007804.D (-2143) (-)

Ion 166.00 (165.70 to 166.70): VV007804.D (-2143) (-)

