

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007450.D
 Acq On : 07 Sep 2018 04:42
 Operator : SY/MD
 Sample : J4751-08 50X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGH9

Manual Integrations
 APPROVED

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 9/7/2018 1:12:58 PM

Quant Time: Sep 07 08:03:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 03:09:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	539007	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	546388	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	199844	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	165781	43.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.12%
7) Chloroethane-d5	1.56	69	127654	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.24%
11) 1,1-Dichloroethene-d2	2.13	63	223367	32.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.86%
21) 2-Butanone-d5	3.96	46	161148	51.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	51.46%
24) Chloroform-d	4.41	84	331266	41.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.18%
26) 1,2-Dichloroethane-d4	5.09	65	209595	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
32) Benzene-d6	5.10	84	672260	40.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.64%
36) 1,2-Dichloropropane-d6	6.12	67	224673	40.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.42%
41) Toluene-d8	7.36	98	545455	38.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.96%#
43) trans-1,3-Dichloropropene-	7.67	79	82363	35.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.08%
47) 2-Hexanone-d5	8.14	63	142225	65.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.74%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	300787	39.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	200622	46.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.42%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	5757m	1.35	ug/L
34) Trichloroethene	5.96	95	12110	2.84	ug/L
46) Tetrachloroethene	8.02	164	47788	13.93	ug/L

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

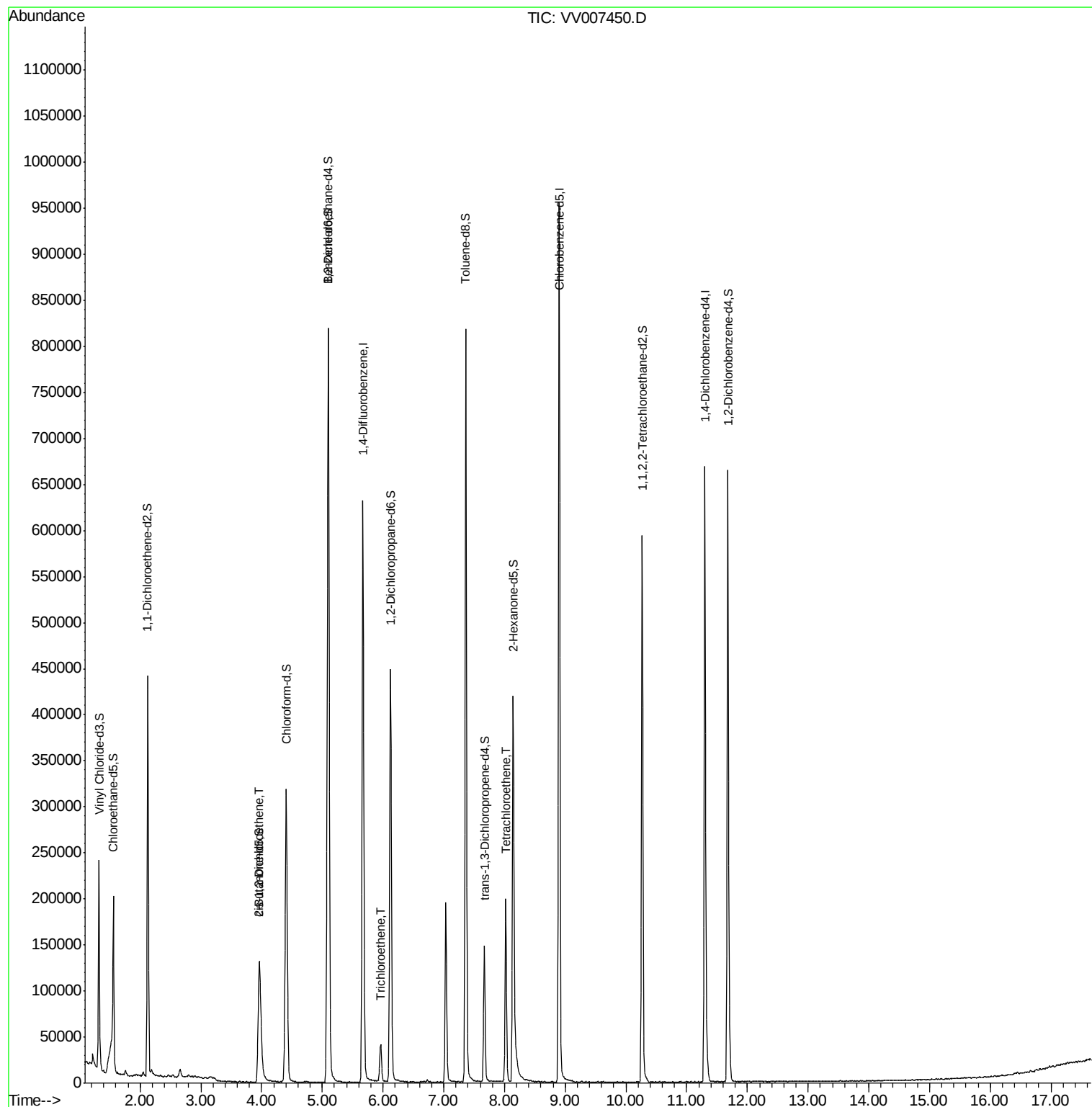
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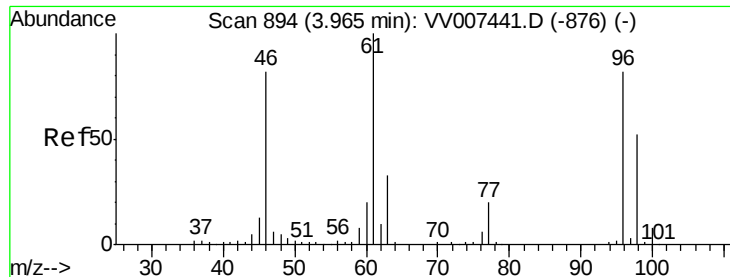
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#20

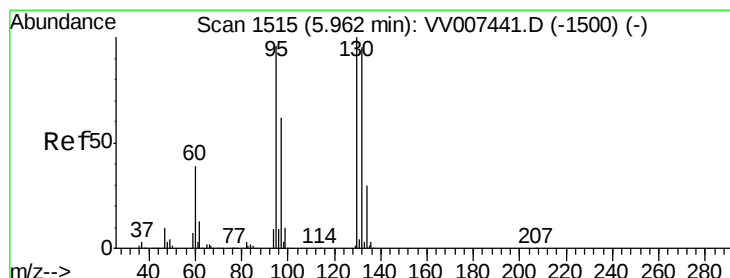
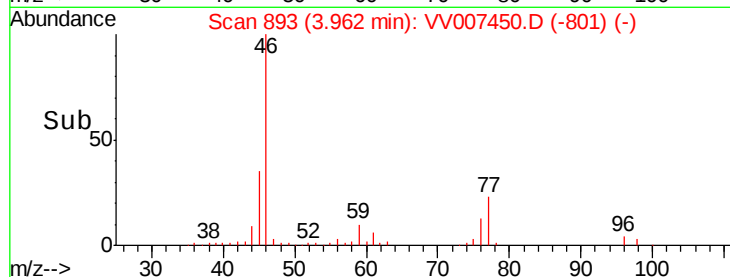
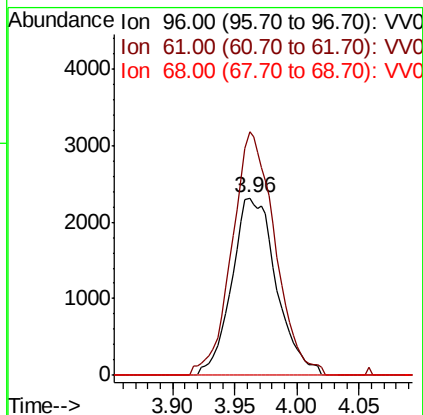
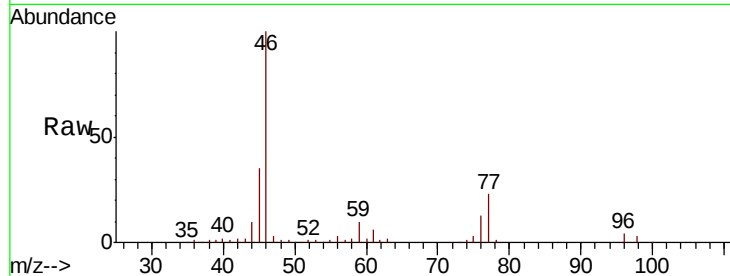
cis-1,2-Dichloroethene
Concen: 1.35 ug/L m
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV007450.D
Acq: 07 Sep 2018 04:42

Instrument :
MSVOA_V
ClientSampleId :
BEGH9

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.1	86.8	161.2
68	0.0	0.0	0.0

Manual Integrations
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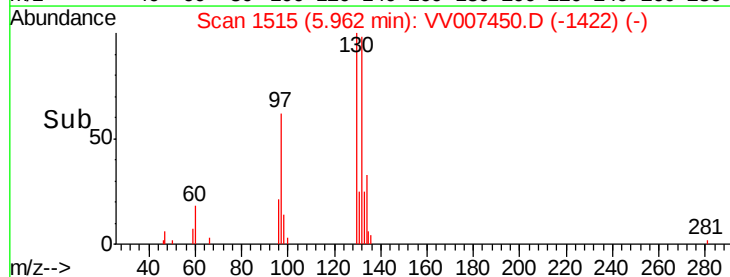
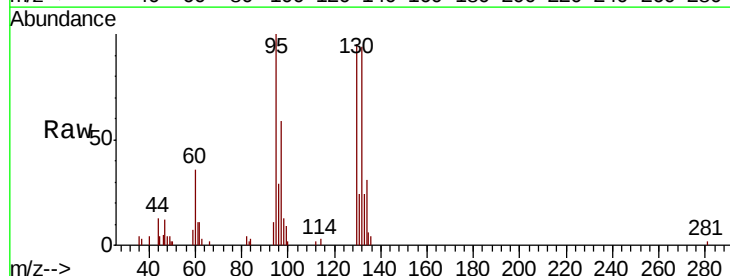
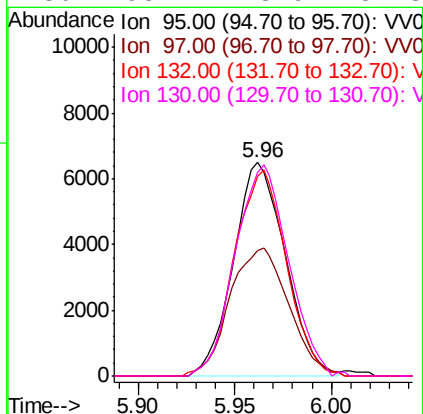
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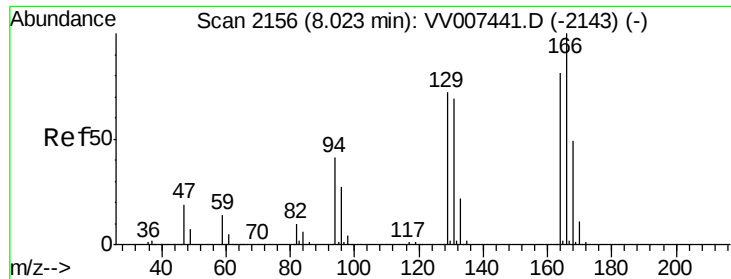


#34

Trichloroethene
Concen: 2.84 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV007450.D
Acq: 07 Sep 2018 04:42

Tgt Ion	Ratio	Lower	Upper
95	100		
97	58.8	46.1	85.7
132	93.6	70.8	131.6
130	95.1	73.9	137.3





#46
Tetrachloroethene
Concen: 13.93 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV007450.D
Acq: 07 Sep 2018 04:42

Instrument :
MSVOA_V
ClientSampleId :
BEGH9

Tot Ion	Ratio	Lower	Upper
164	100		
129	90.1	63.9	118.7
131	86.1	62.6	116.2
166	126.1	91.6	170.2

Manual Integrations
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