

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007448.D
 Acq On : 07 Sep 2018 03:52
 Operator : SY/MD
 Sample : J4751-06 50X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGH7

Manual Integrations
 APPROVED

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 9/7/2018 1:12:53 PM

Quant Time: Sep 07 04:46:28 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	543246	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	553173	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	203907	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	167038	43.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.10%
7) Chloroethane-d5	1.56	69	129596	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.96%
11) 1,1-Dichloroethene-d2	2.13	63	221403m	32.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.78%
21) 2-Butanone-d5	3.96	46	166827	52.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	52.86%
24) Chloroform-d	4.41	84	333075	41.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.09	65	211053	43.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.18%
32) Benzene-d6	5.10	84	675021	40.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.98%
36) 1,2-Dichloropropane-d6	6.12	67	225695	40.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.78%
41) Toluene-d8	7.36	98	550858	38.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.76%#
43) trans-1,3-Dichloropropene-	7.67	79	84052	35.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.64%
47) 2-Hexanone-d5	8.14	63	150823	68.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.86%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	302539	39.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.28%
64) 1,2-Dichlorobenzene-d4	11.68	152	203183	46.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.72%

Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	3.96	96	31167	7.23	ug/L	100
34) Trichloroethene	5.96	95	82647	19.13	ug/L	99
46) Tetrachloroethene	8.02	164	504972	145.39	ug/L	98

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

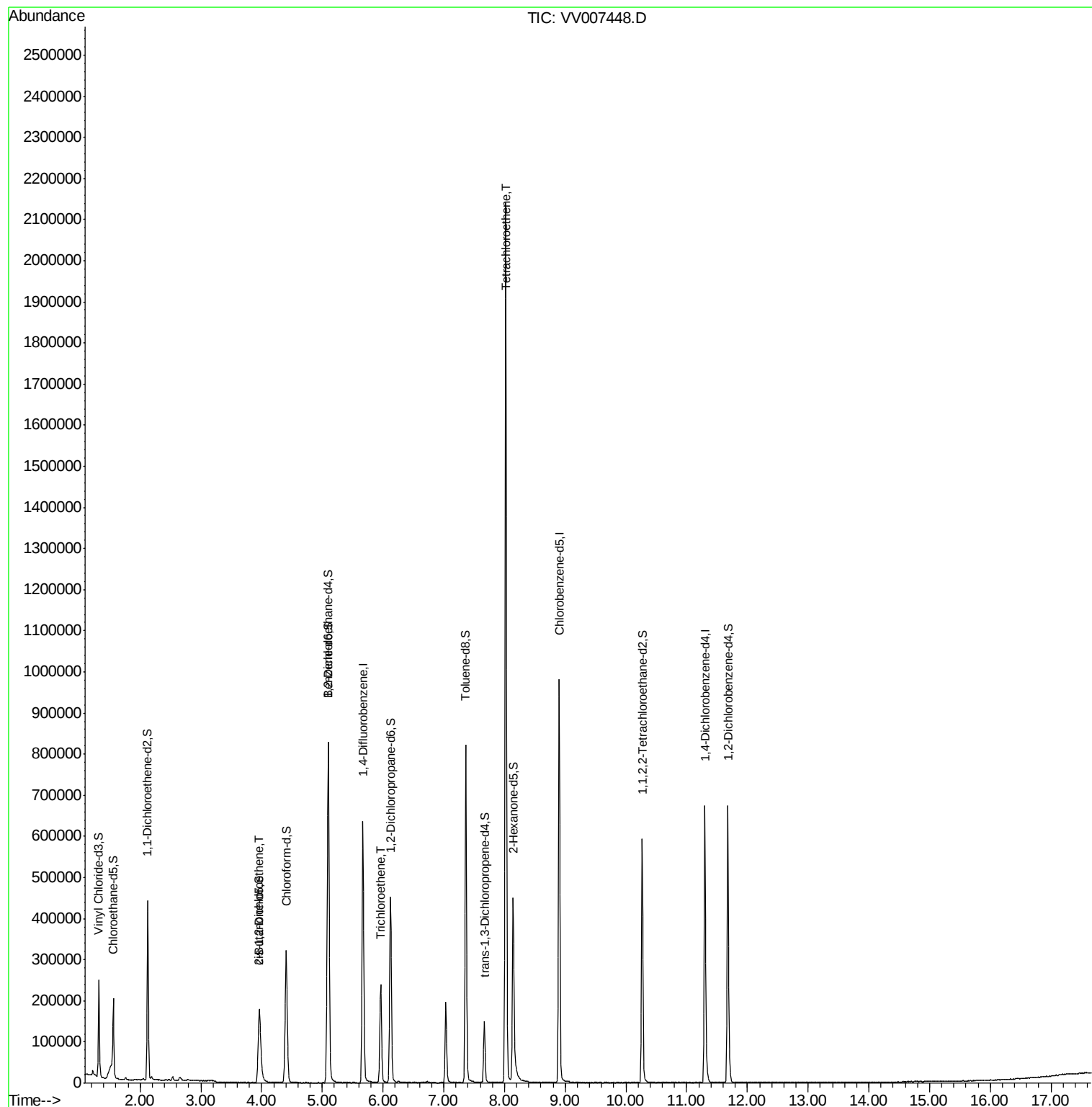
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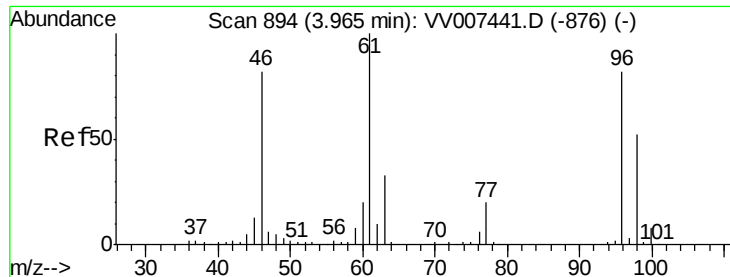
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#20

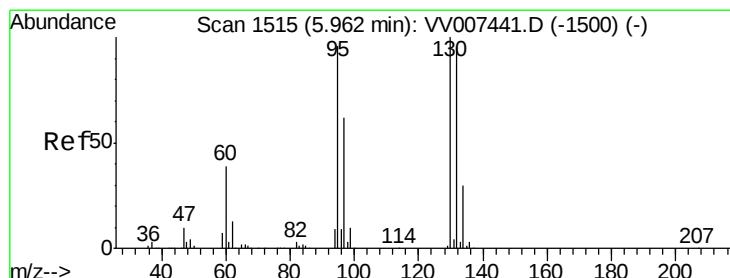
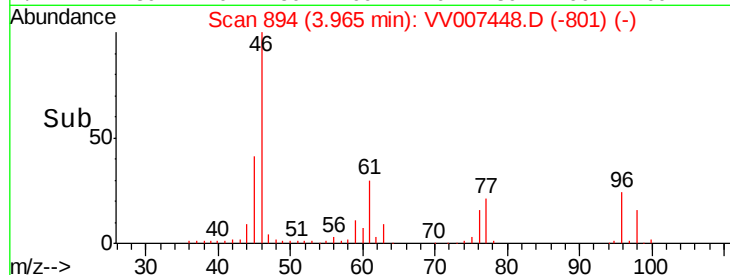
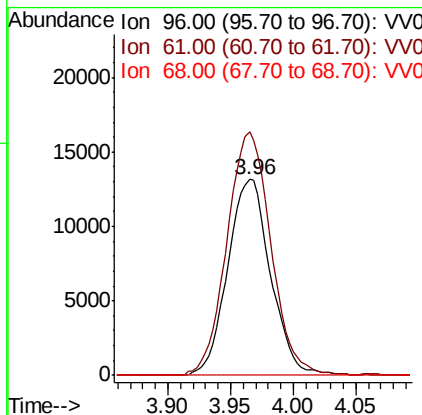
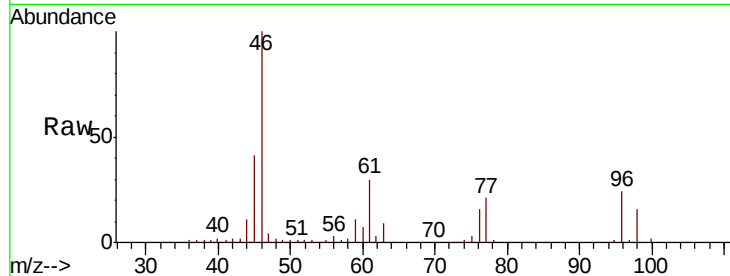
cis-1,2-Dichloroethene
 Concen: 7.23 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV007448.D
 Acq: 07 Sep 2018 03:52

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGH7

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.4	86.8	161.2
68	0.0	0.0	0.0

Manual Integrations
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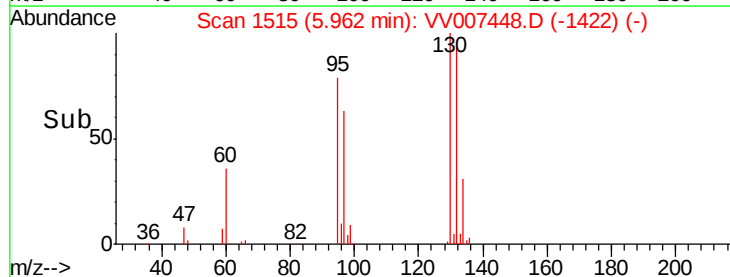
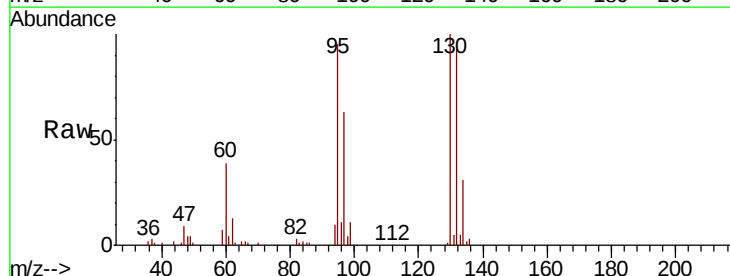
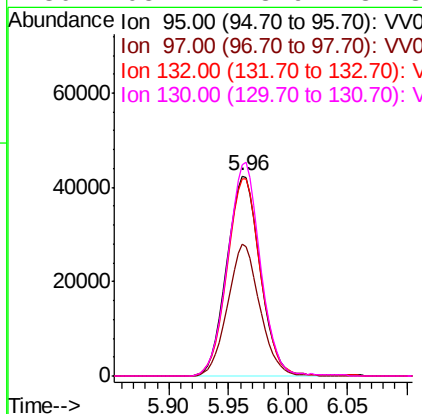
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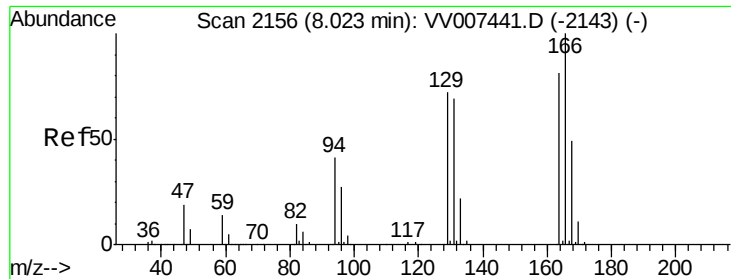


#34

Trichloroethene
 Concen: 19.13 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV007448.D
 Acq: 07 Sep 2018 03:52

Tgt Ion	Ratio	Lower	Upper
95	100		
97	66.1	46.1	85.7
132	98.7	70.8	131.6
130	105.7	73.9	137.3





#46
 Tetrachloroethene
 Concen: 145.39 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: VV007448.D
 Acq: 07 Sep 2018 03:52

Instrument :
 MSVOA_V
 ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
164	100		
129	90.6	63.9	118.7
131	86.9	62.6	116.2
166	126.8	91.6	170.2

Manual Integrations
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