

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007432.D
 Acq On : 06 Sep 2018 20:22
 Operator : SY/MD
 Sample : J4719-12DL 10X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGE8DL

Manual Integrations
 APPROVED

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 9/7/2018 1:12:47 PM

Quant Time: Sep 07 09:40:53 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	543358	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	538352	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	197168	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	170624	43.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.92%
7) Chloroethane-d5	1.56	69	131351m	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.32%
11) 1,1-Dichloroethene-d2	2.13	63	222942m	32.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.22%
21) 2-Butanone-d5	3.96	46	195070	61.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	61.79%
24) Chloroform-d	4.41	84	330456	41.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.32%
26) 1,2-Dichloroethane-d4	5.09	65	207393	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.64%
32) Benzene-d6	5.10	84	667564	41.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.28%
36) 1,2-Dichloropropane-d6	6.12	67	223421	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.18%
41) Toluene-d8	7.36	98	549106	39.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.62%#
43) trans-1,3-Dichloropropene-	7.67	79	79331	34.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.50%
47) 2-Hexanone-d5	8.14	63	148470	69.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.65%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	298143	40.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.28%
64) 1,2-Dichlorobenzene-d4	11.68	152	195640	46.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.34%

Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	3.96	96	6240	1.45	ug/L	96
34) Trichloroethene	5.96	95	16017	3.81	ug/L	93
46) Tetrachloroethene	8.02	164	170825	50.54	ug/L	98

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

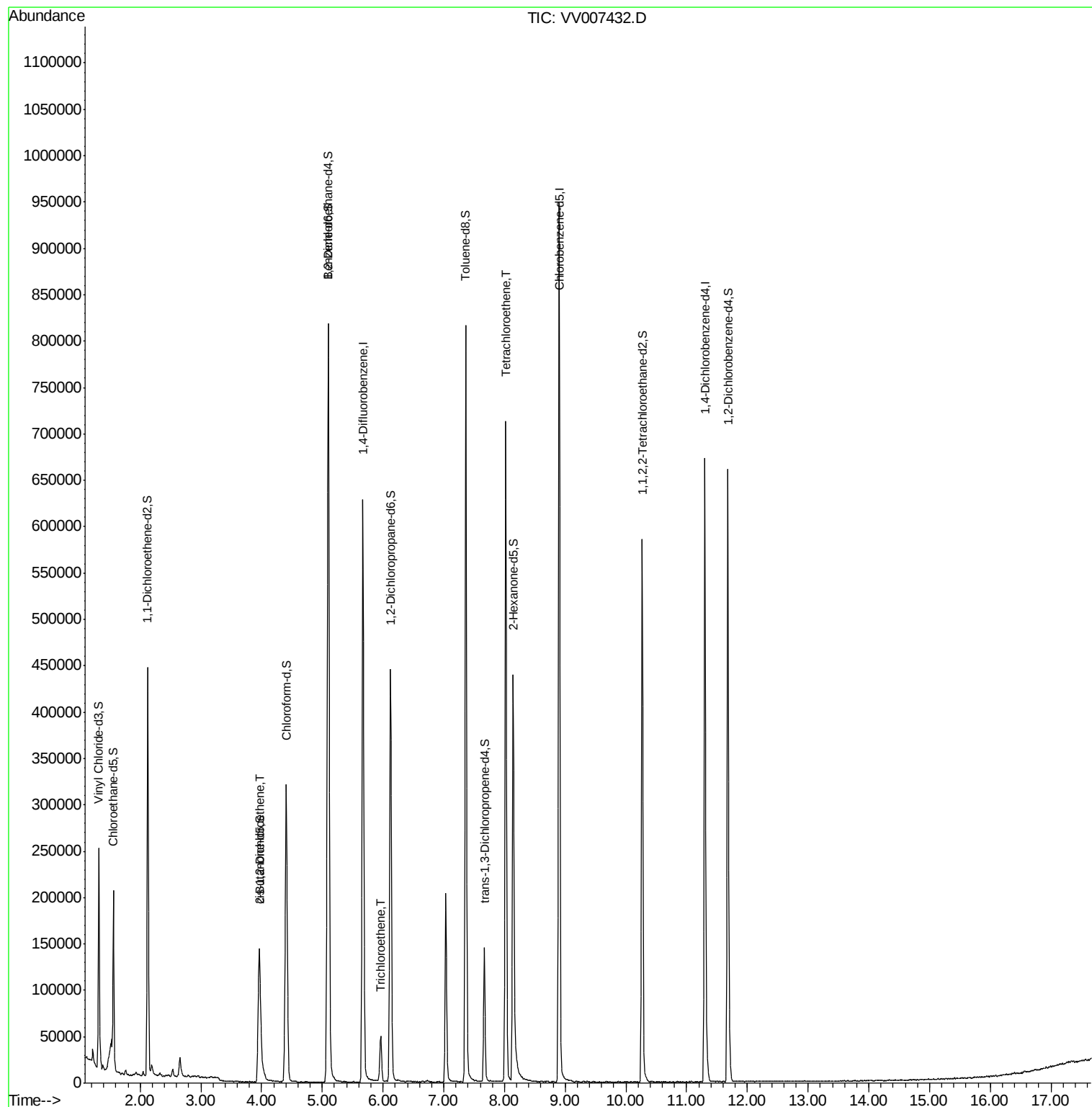
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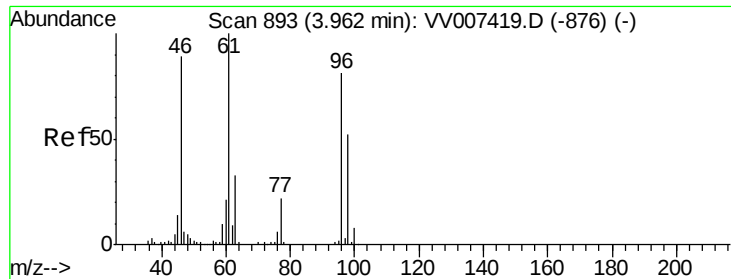
Instrument :
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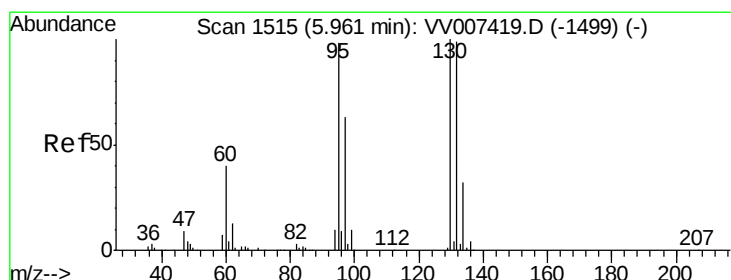
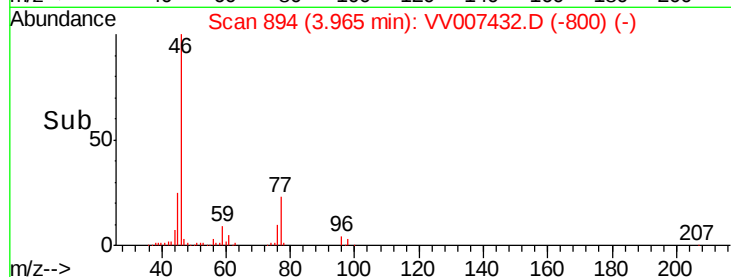
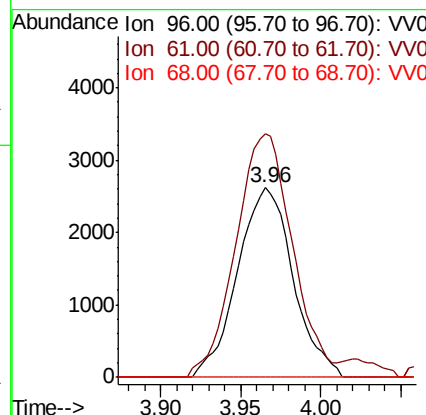
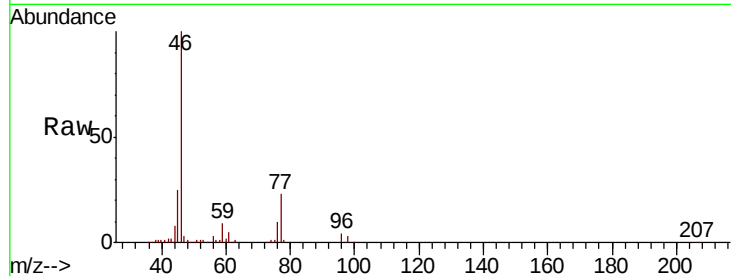
#20
 cis-1,2-Dichloroethene
 Concen: 1.45 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV007432.D
 Acq: 06 Sep 2018 20:22

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGE8DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	86.8	161.2
68	0.0	0.0	0.0

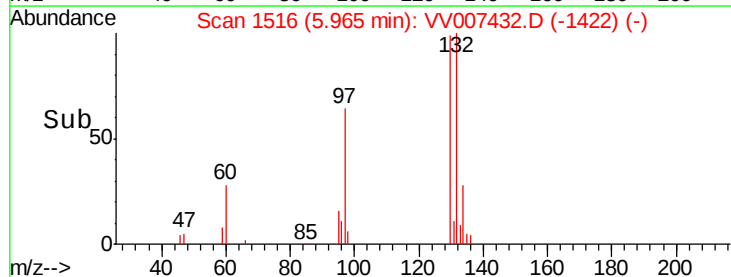
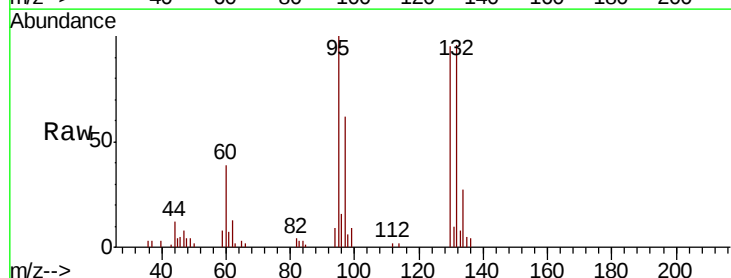
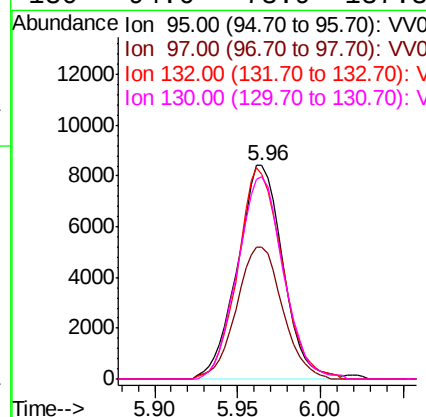
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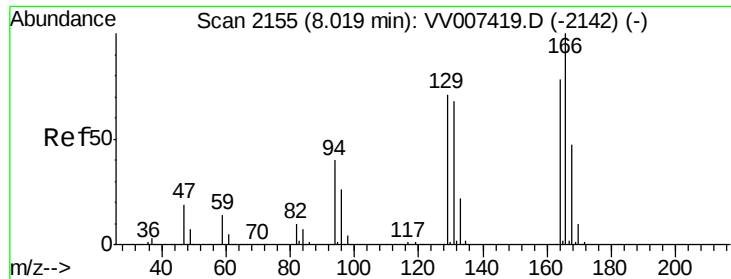
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#34
 Trichloroethene
 Concen: 3.81 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007432.D
 Acq: 06 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
95	100		
97	61.7	46.1	85.7
132	96.0	70.8	131.6
130	94.6	73.9	137.3





#46
Tetrachloroethene
Concen: 50.54 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV007432.D
Acq: 06 Sep 2018 20:22

Instrument :
MSVOA_V
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
164	100		
129	92.2	63.9	118.7
131	88.4	62.6	116.2
166	127.3	91.6	170.2

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