

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090119\
 Data File : VV012512.D
 Acq On : 01 Sep 2019 16:13
 Operator : SY/MD
 Sample : K4605-04DL 40X
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleID :
 C0AA3DL

Manual Integrations
 APPROVED

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 9/3/2019 4:04:11 PM

Quant Time: Sep 02 05:05:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 02 04:16:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	319650	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	310283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	121966	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98140	46.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.84%
7) Chloroethane-d5	1.58	69	104192m	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.13	63	190171	33.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.10%
21) 2-Butanone-d5	3.94	46	175248	98.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.51%
24) Chloroform-d	4.40	84	200631	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.44%
26) 1,2-Dichloroethane-d4	5.08	65	137724	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.56%
32) Benzene-d6	5.10	84	360204	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
36) 1,2-Dichloropropane-d6	6.12	67	128866	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.90%
41) Toluene-d8	7.36	98	316081	46.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.66	79	53714	45.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.18%
47) 2-Hexanone-d5	8.13	63	91297	87.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	173784	46.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.76%
64) 1,2-Dichlorobenzene-d4	11.67	152	124130	52.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.04%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.97	96	14344m	5.695	ug/L
34) Trichloroethene	5.96	95	95762	36.435	ug/L
46) Tetrachloroethene	8.02	164	34600	19.319	ug/L

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

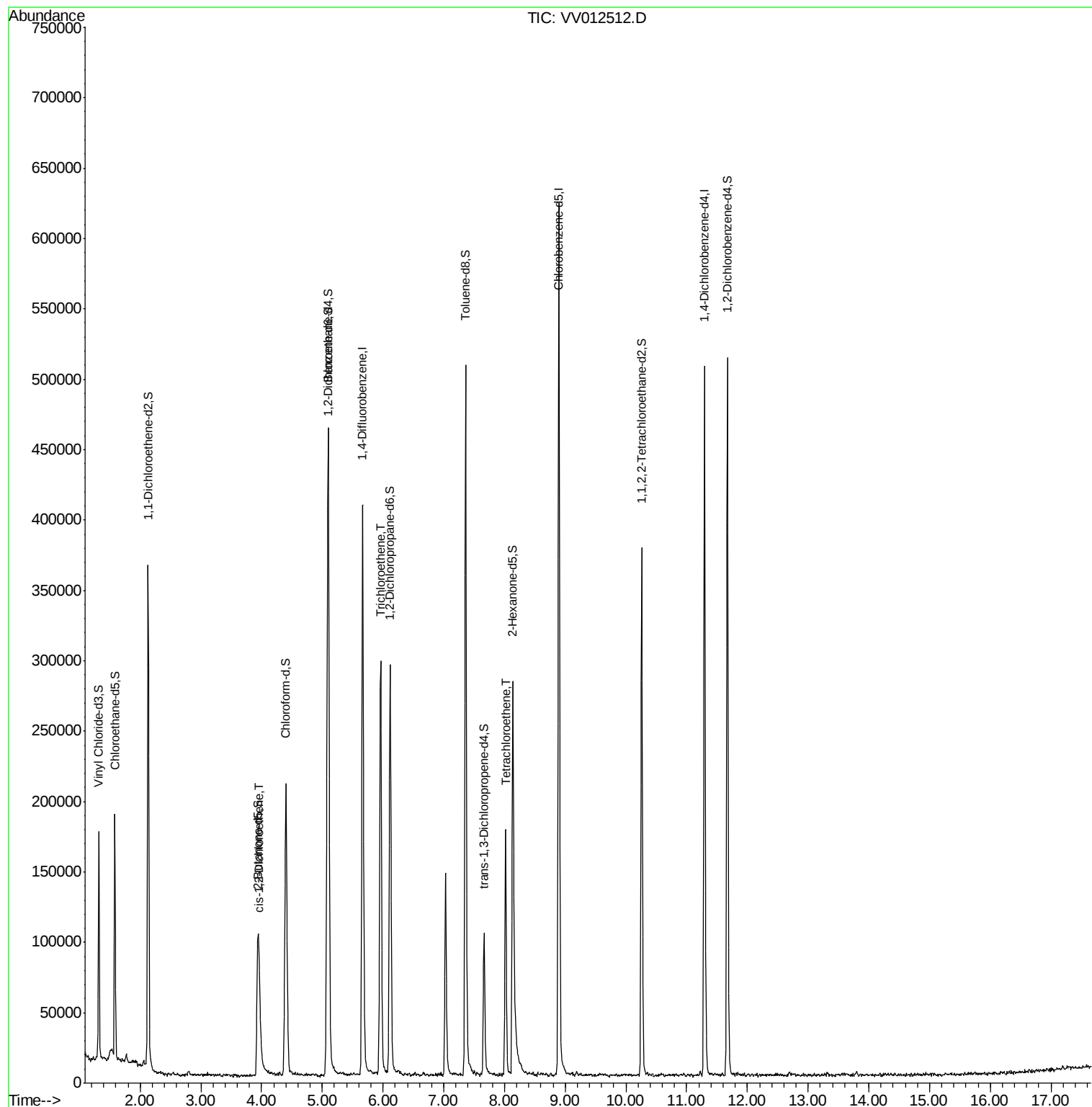
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV090119\
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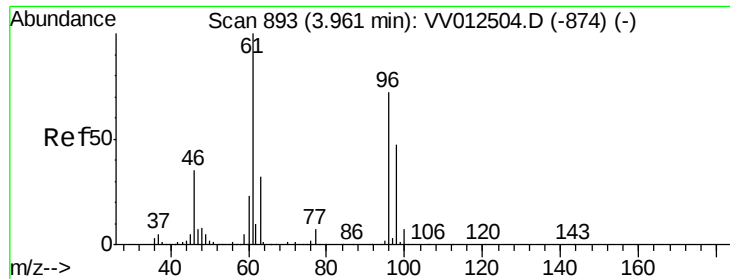
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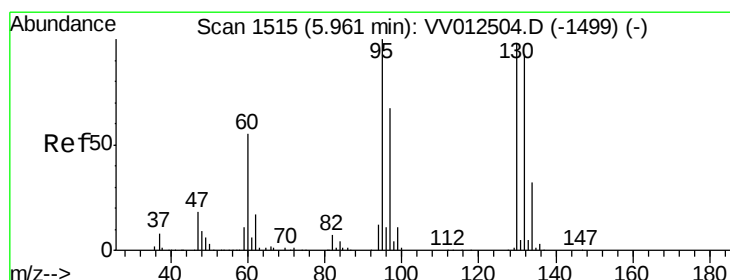
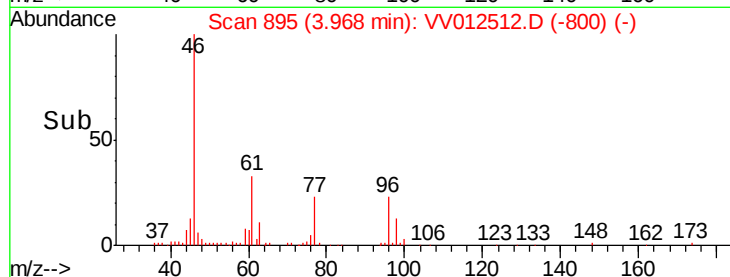
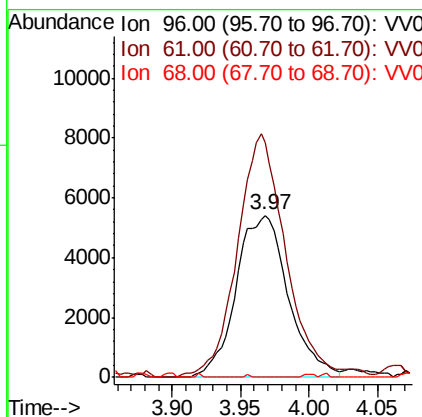
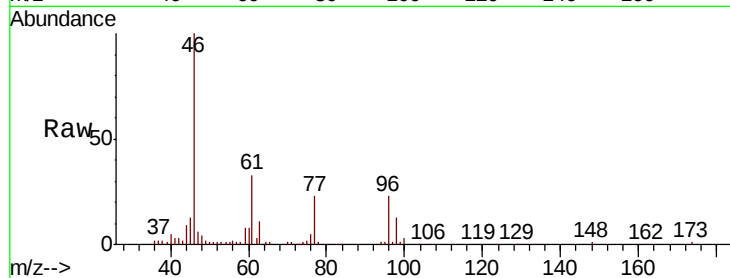
#20
 cis-1,2-Dichloroethene
 Concen: 5.695 ug/L m
 RT: 3.97 min Scan# 895
 Delta R.T. 0.01 min
 Lab File: VV012512.D
 Acq: 01 Sep 2019 16:13

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA3DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.1	97.8	181.6
68	0.0	0.0	0.0

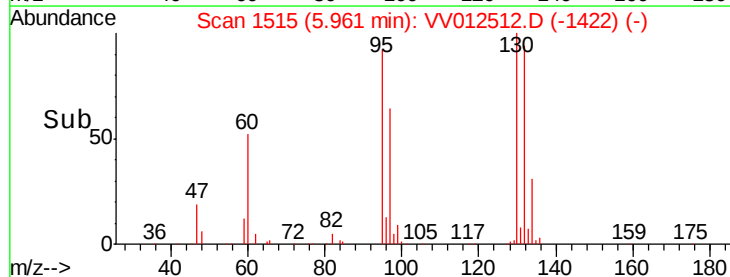
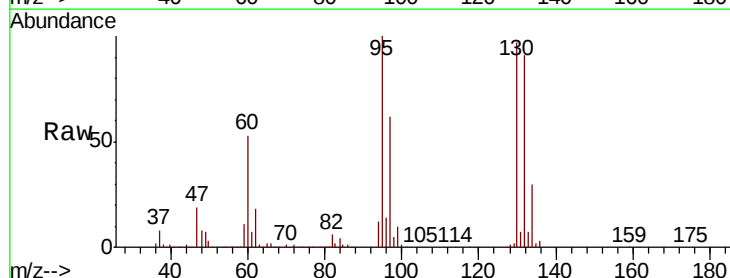
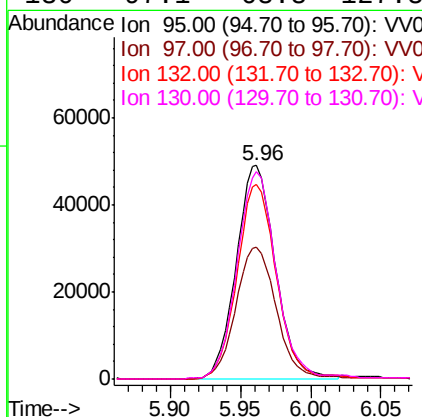
Manual Integrations
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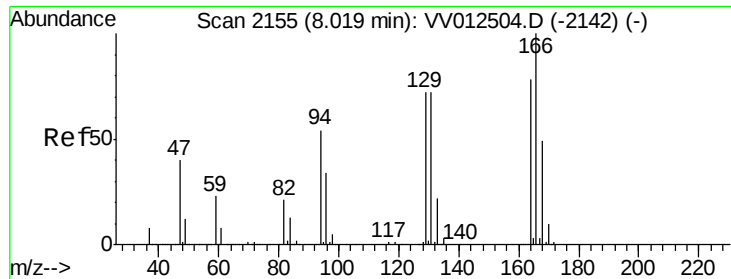
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#34
 Trichloroethene
 Concen: 36.435 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV012512.D
 Acq: 01 Sep 2019 16:13

Tgt Ion	Ratio	Lower	Upper
95	100		
97	61.8	46.8	86.8
132	91.0	64.9	120.5
130	97.1	68.8	127.8





#46

Tetrachloroethene

Concen: 19.319 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012512.D

Acq: 01 Sep 2019 16:13

Instrument :

MSVOA_V

ClientSampleId :

C0AA3DL

Tot Ion:164 Resp: 34600

Ion Ratio Lower Upper

164 100

129 98.1 64.8 120.4

131 95.9 64.3 119.5

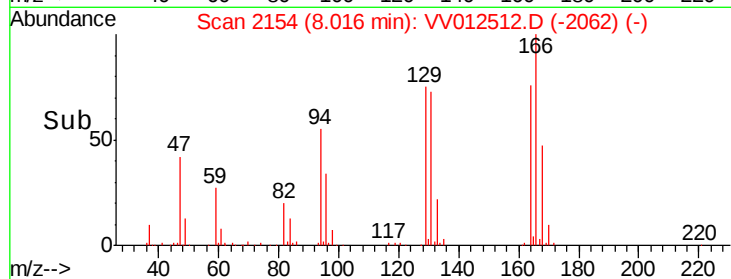
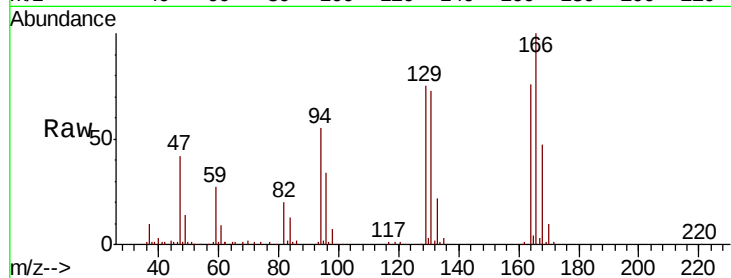
166 131.6 89.7 166.7

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Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

