

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101119\
 Data File : VV013122.D
 Acq On : 12 Oct 2019 00:45
 Operator : SY/MD
 Sample : K5347-03
 Misc : 5.00ML/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF2

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 4:13:48 PM

Quant Time: Oct 12 04:30:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 12 01:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	697452	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	674276	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	269774	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	223767	50.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.52%
7) Chloroethane-d5	1.58	69	199642	55.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.48%
11) 1,1-Dichloroethene-d2	2.13	63	325631	39.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.32%
21) 2-Butanone-d5	3.92	46	342384	103.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.29%
24) Chloroform-d	4.40	84	448891	52.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.78%
26) 1,2-Dichloroethane-d4	5.08	65	288511	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.30%
32) Benzene-d6	5.10	84	948068	52.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.12	67	298600	52.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.96%
41) Toluene-d8	7.36	98	821601	51.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.06%
43) trans-1,3-Dichloropropene-	7.66	79	124620	48.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.62%
47) 2-Hexanone-d5	8.13	63	247732	110.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.47%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	389205	53.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.02%
64) 1,2-Dichlorobenzene-d4	11.67	152	309290	58.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.04%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) cis-1,2-Dichloroethene	3.96	96	209531	39.455	ug/L	99
34) Trichloroethene	5.96	95	214083	39.151	ug/L	99
46) Tetrachloroethene	8.02	164	28031884m	6475.194	ug/L	

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

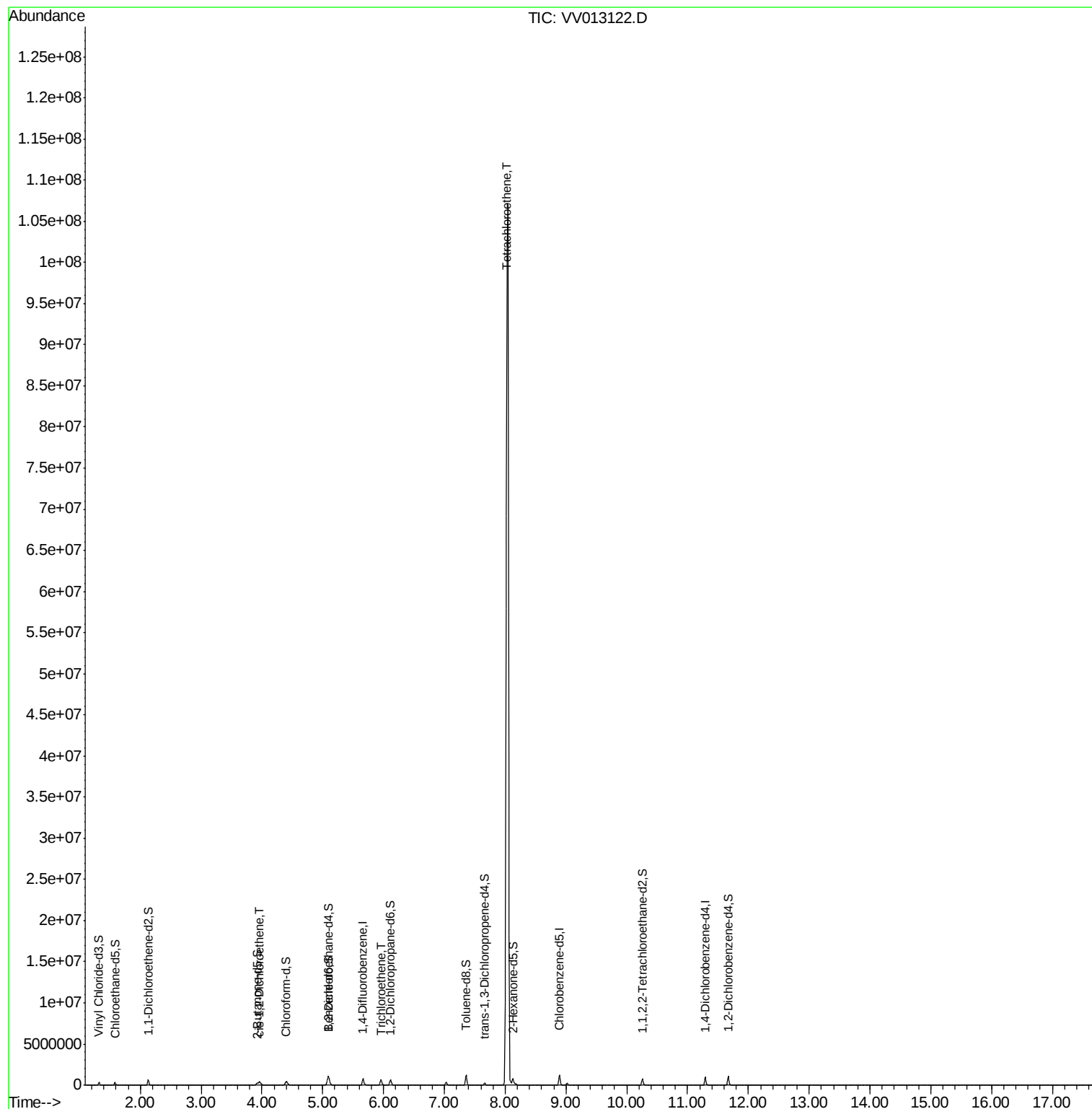
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV101119\
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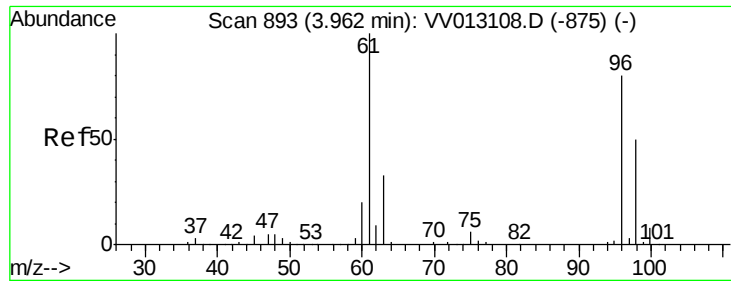
Instrument :
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#20

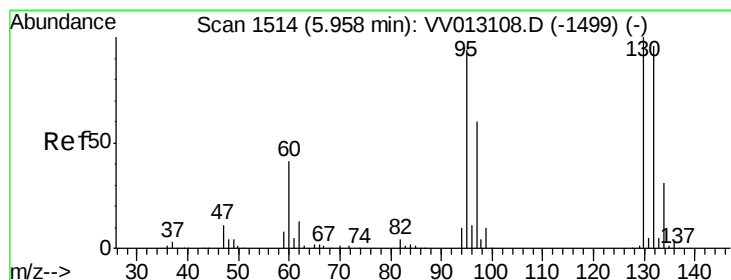
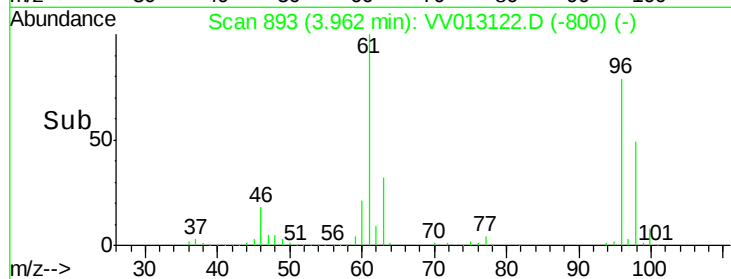
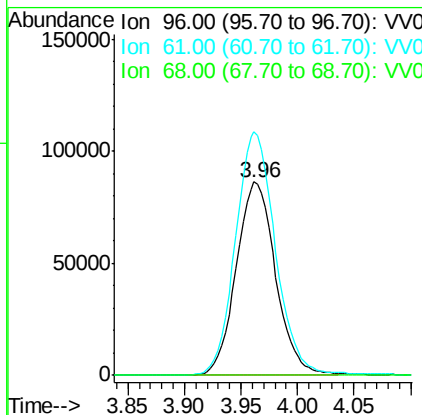
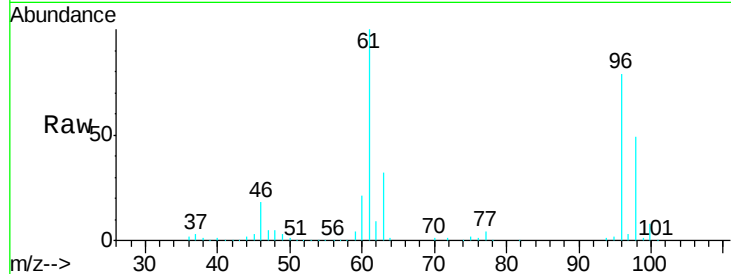
cis-1,2-Dichloroethene
Concen: 39.455 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV013122.D
Acq: 12 Oct 2019 00:45

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	209531		
61	126.0		87.5	162.5
68	0.0		0.0	0.0

Manual Integrations
APPROVED

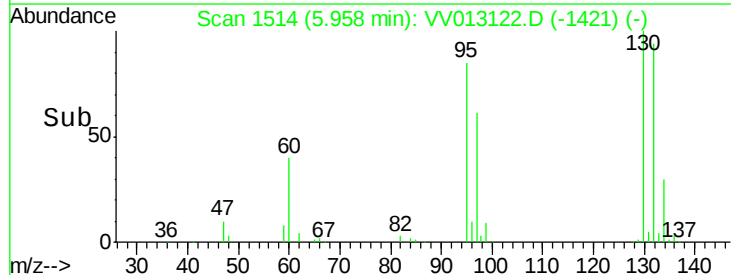
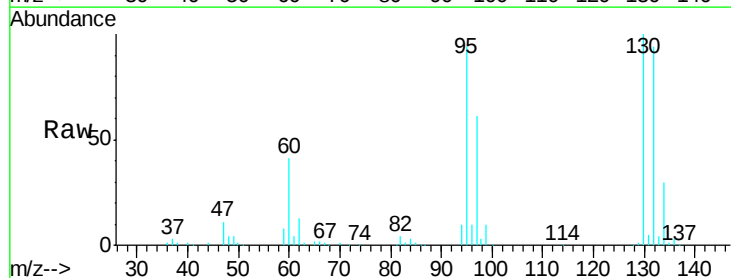
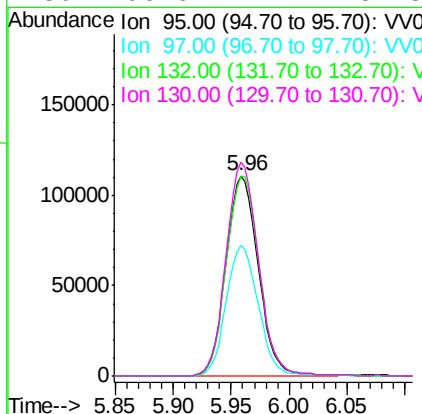
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10/14/2019 4:13:48 PM

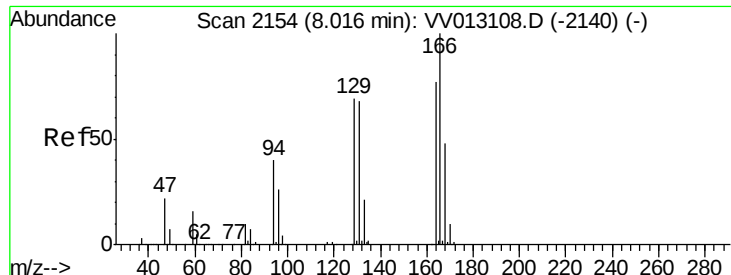


#34

Trichloroethene
Concen: 39.151 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV013122.D
Acq: 12 Oct 2019 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	214083		
97	64.9		44.7	82.9
132	99.8		71.4	132.6
130	106.6		74.2	137.8





#46

Tetrachloroethene

Concen: 6475.194 ug/L m

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV013122.D

Acq: 12 Oct 2019 00:45

Instrument :

MSVOA_V

ClientSampleId :

C0AF2

Tgt Ion:164 Resp:28031884

Ion Ratio Lower Upper

164 100

129 99.5 63.1 117.1

131 96.3 62.4 116.0

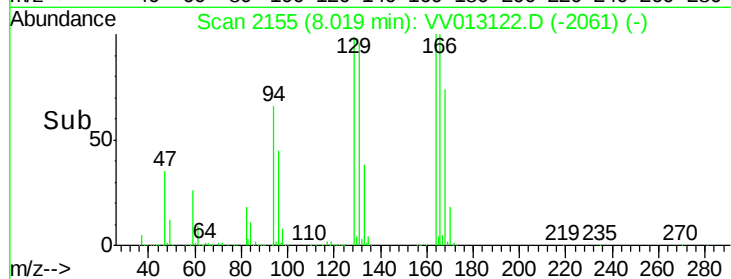
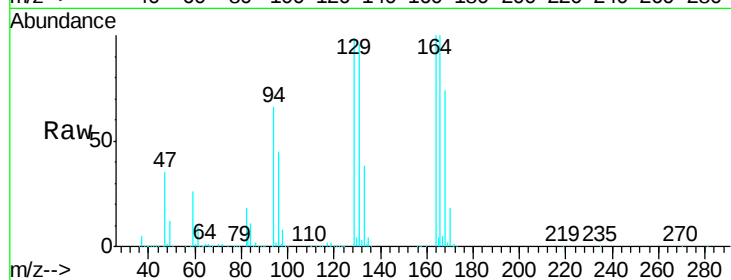
166 100.0 91.3 169.6

Manual Integrations

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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

