

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121919\
 Data File : VV014131.D
 Acq On : 19 Dec 2019 15:48
 Operator : SY/MD
 Sample : K6286-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDX9

Manual Integrations
 APPROVED

apatel
 12/20/2019 10:49:30 AM

Quant Time: Dec 20 07:47:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 07:12:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	246518	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	248468	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	112401	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65666	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	65949	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.13	63	85189	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.92	46	303020	95.53	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	191.06%#
24) Chloroform-d	4.40	84	151860	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	86128	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.60%
32) Benzene-d6	5.10	84	255861	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	6.11	67	91381	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.36	98	181783	3.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.40%#
43) trans-1,3-Dichloropropene-	7.66	79	33358	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.13	63	204537	74.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	149.14%#
57) 1,1,2,2-Tetrachloroethane-	10.25	84	95829	7.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	144.60%#
64) 1,2-Dichlorobenzene-d4	11.67	152	91662	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds					Ovalue
13) Acetone	2.18	43	12634m	5.696	ug/L
22) cis-1,2-Dichloroethene	3.96	96	39308	2.505	ug/L #
34) Trichloroethene	5.96	95	177465	10.555	ug/L
47) Tetrachloroethene	8.02	164	2669	0.183	ug/L

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

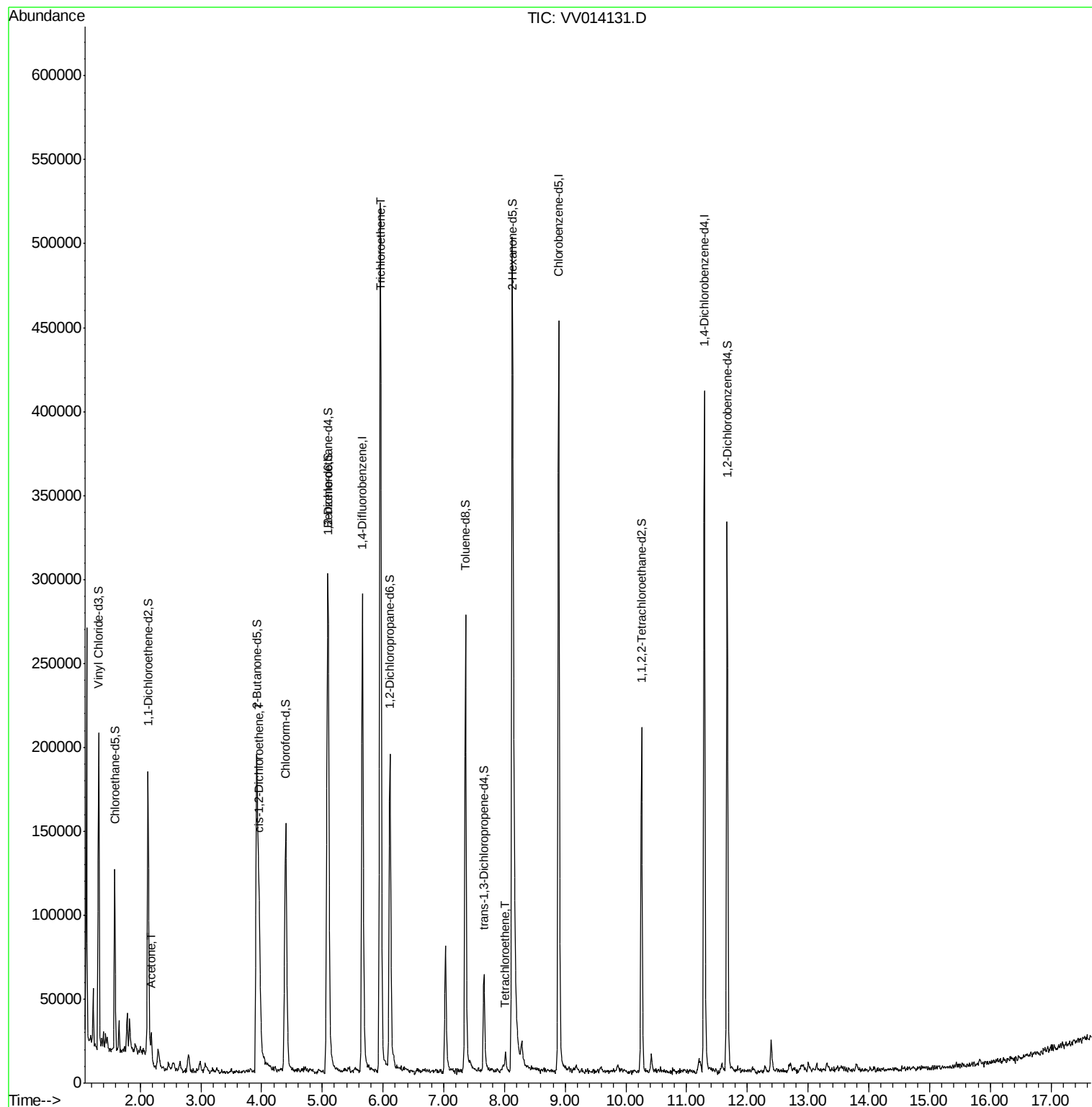
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV121919\
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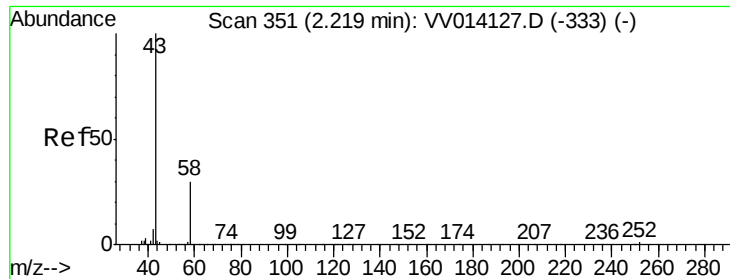
Instrument :
MSVOA_V
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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 07:12:45 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.696 ug/L m

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

Lab File: VV014131.D

Acq: 19 Dec 2019 15:48

Instrument :

MSVOA_V

ClientSampleId :

BFDX9

Tot Ion: 43 Resp: 12634

Ion Ratio Lower Upper

43 100

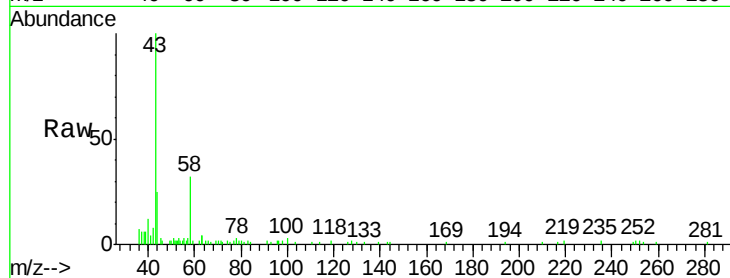
58 2.6 0.0 27.2

Manual Integrations

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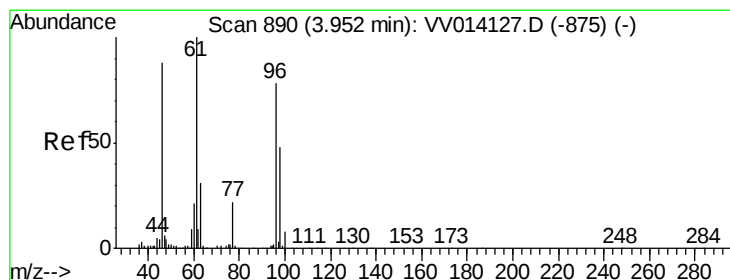
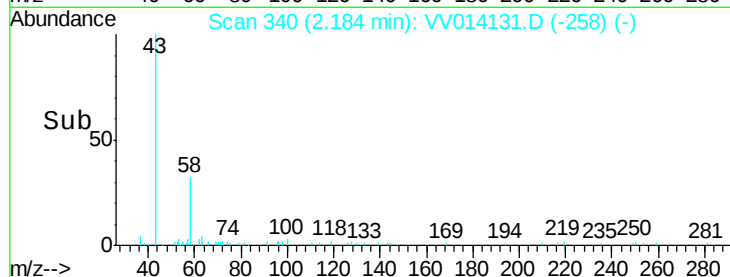
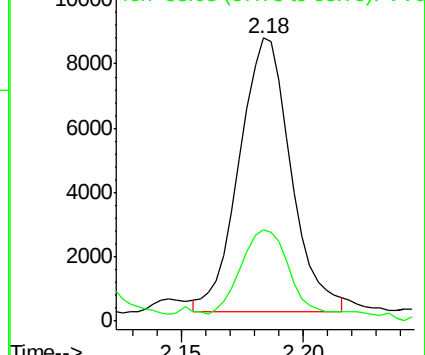
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Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 2.505 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.01 min

Lab File: VV014131.D

Acq: 19 Dec 2019 15:48

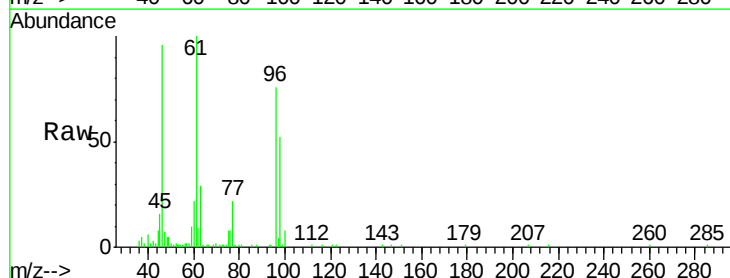
Tgt Ion: 96 Resp: 39308

Ion Ratio Lower Upper

96 100

61 131.1 86.1 159.9

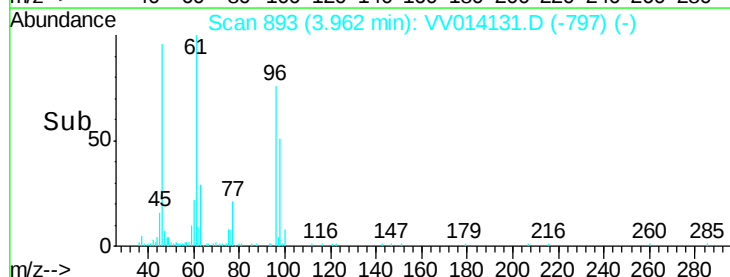
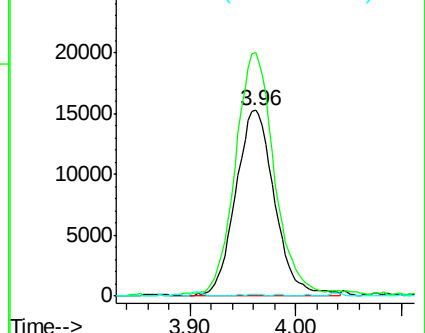
68 1.0 0.0 0.0#

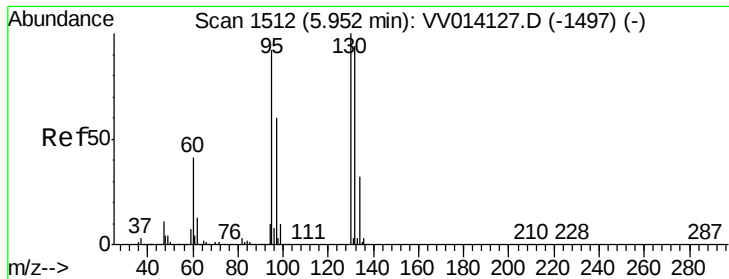


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 10.555 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014131.D

Acq: 19 Dec 2019 15:48

Instrument :

MSVOA_V

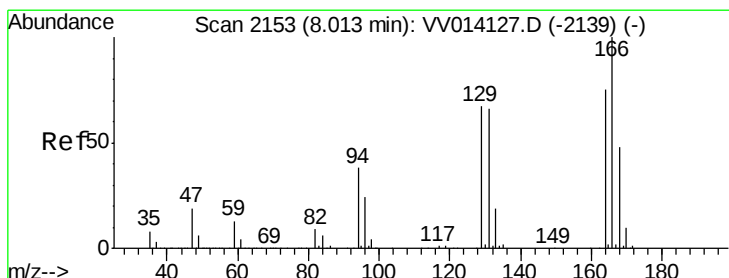
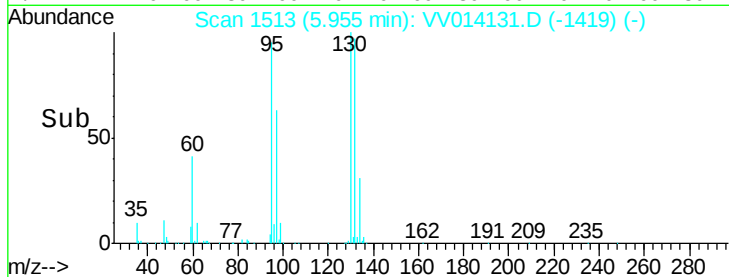
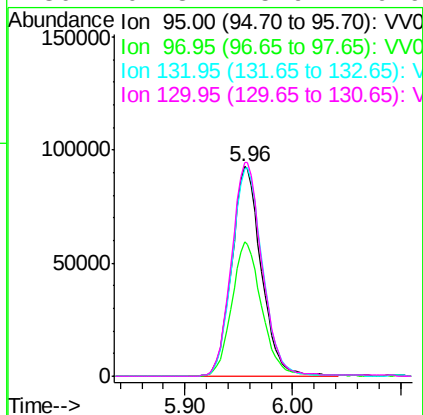
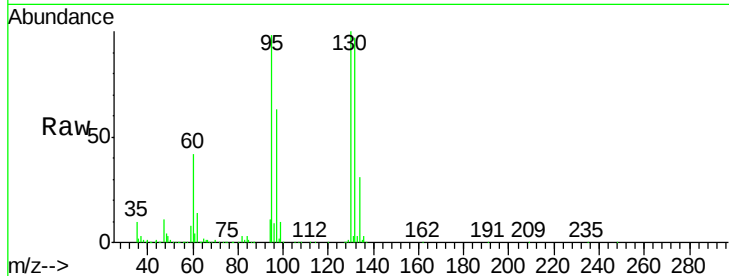
ClientSampled :

BFDX9

Tot Ion	95	Resp	177465
Ion Ratio	Lower	Upper	
95	100		
97	63.9	45.6	84.8
132	98.9	70.5	130.9
130	101.8	75.9	140.9

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#47

Tetrachloroethene

Concen: 0.183 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV014131.D

Acq: 19 Dec 2019 15:48

Tgt Ion	164	Resp	2669
Ion Ratio	Lower	Upper	
164	100		
129	71.0	60.3	112.1
131	71.0	59.9	111.3
166	133.2	89.1	165.5

