

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017423.D
 Acq On : 10 Jul 2020 01:19
 Operator : SY/MD
 Sample : L3253-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A33

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 1:01:37 PM

Quant Time: Jul 10 05:50:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 05:13:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276509	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	261387	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126758	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57778	40.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.28%
7) Chloroethane-d5	1.58	69	47656	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.26%
11) 1,1-Dichloroethene-d2	2.12	63	98840	30.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.66%
21) 2-Butanone-d5	3.91	46	90141	91.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.68%
24) Chloroform-d	4.38	84	140664	42.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.50%
26) 1,2-Dichloroethane-d4	5.06	65	106202	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
32) Benzene-d6	5.08	84	253540	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.09	67	72816	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.56%
41) Toluene-d8	7.34	98	234520	43.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.64	79	39557	41.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.60%
47) 2-Hexanone-d5	8.11	63	58673	87.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.93%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	99565	43.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	100856	47.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.18%

Target Compounds

					Ovalue
13) Acetone	2.20	43	10501	7.846 ug/L	99
20) cis-1,2-Dichloroethene	3.95	96	4355m	2.250 ug/L	
34) Trichloroethene	5.94	95	2044	0.996 ug/L #	81
46) Tetrachloroethene	8.00	164	5754	3.341 ug/L	94

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

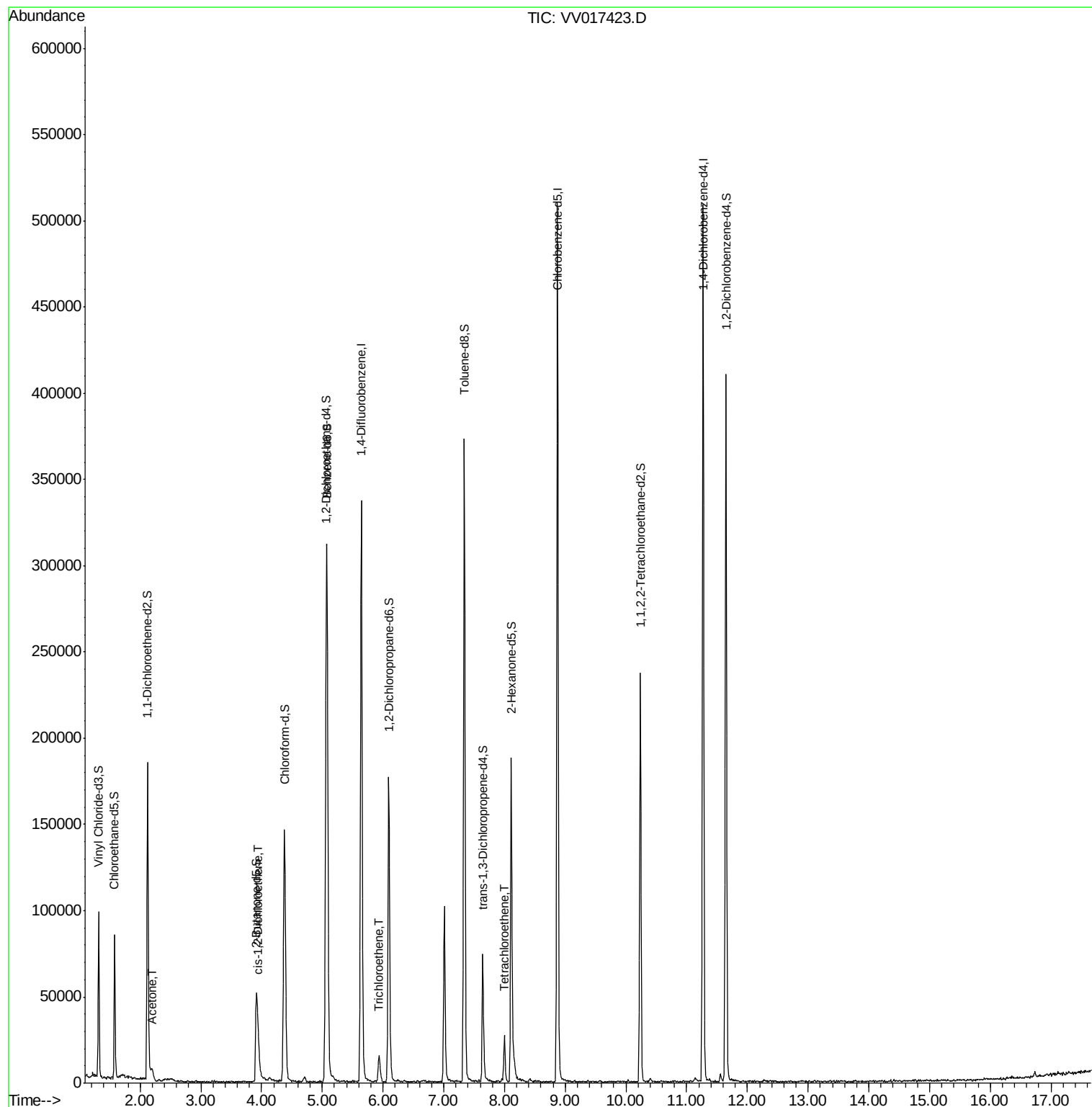
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070920\
Data File : VV017423.D
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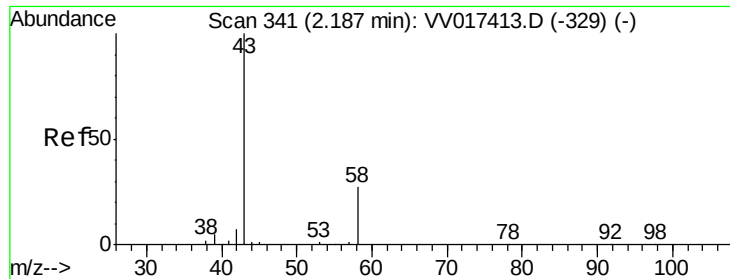
Instrument :
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ClientSampleId :
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Quant Time: Jul 10 05:50:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 10 05:13:25 2020
Response via : Initial Calibration





#13

Acetone

Concen: 7.846 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV017423.D

Acq: 10 Jul 2020 01:19

Instrument :

MSVOA_V

ClientSampleId :

F4A33

Tot Ion: 43 Resp: 10501

Ion Ratio Lower Upper

43 100

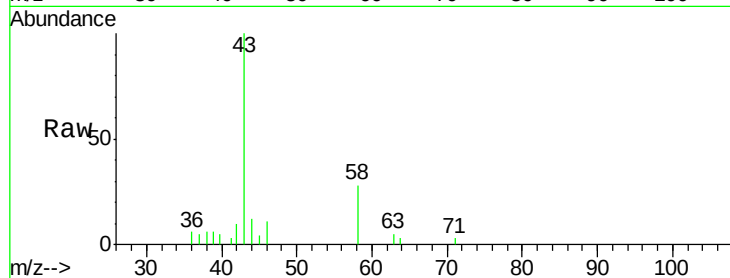
58 28.6 0.0 56.0

Manual Integrations

APPROVED

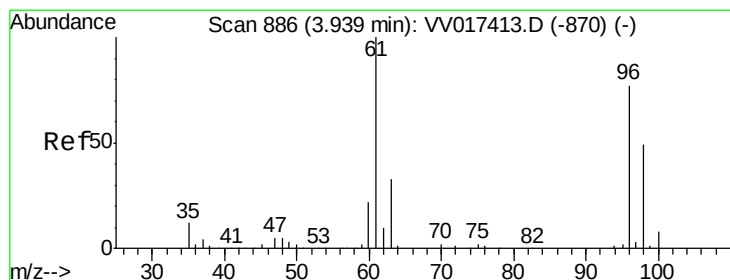
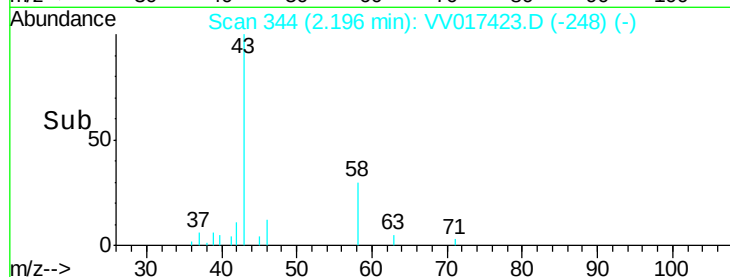
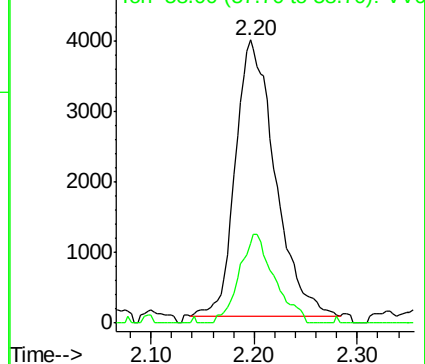
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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 2.250 ug/L m

RT: 3.95 min Scan# 889

Delta R.T. 0.01 min

Lab File: VV017423.D

Acq: 10 Jul 2020 01:19

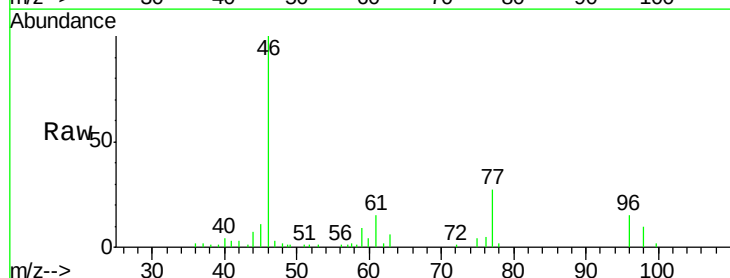
Tgt Ion: 96 Resp: 4355

Ion Ratio Lower Upper

96 100

61 106.3 88.9 165.1

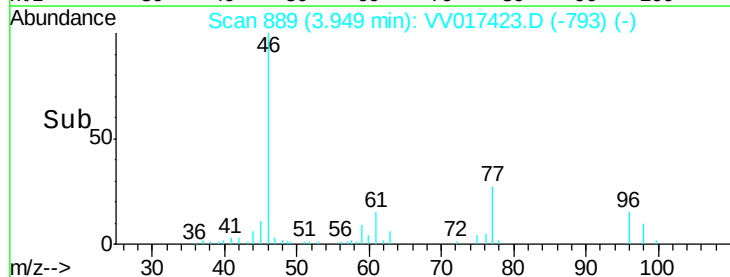
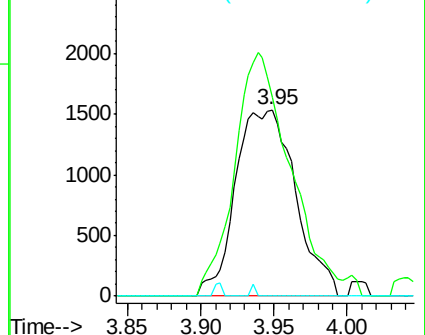
68 0.0 0.0 0.0

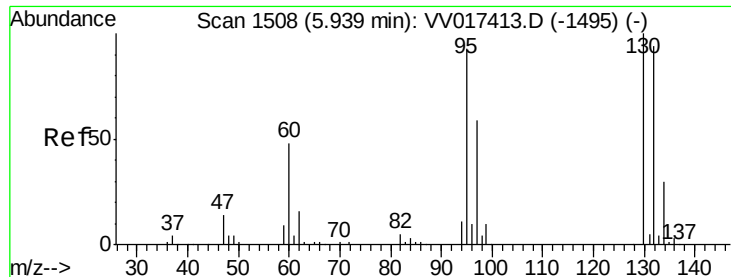


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





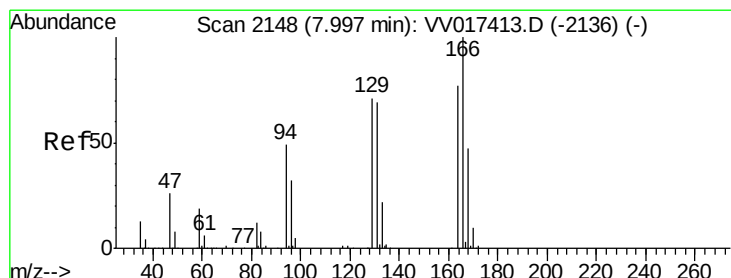
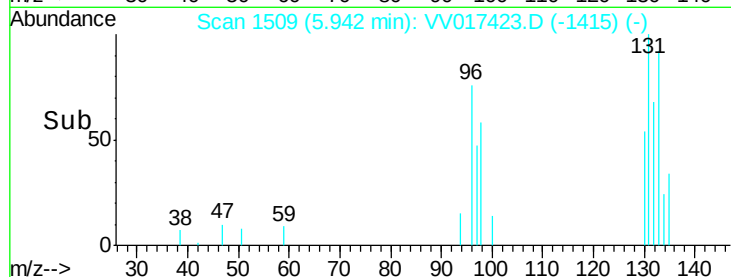
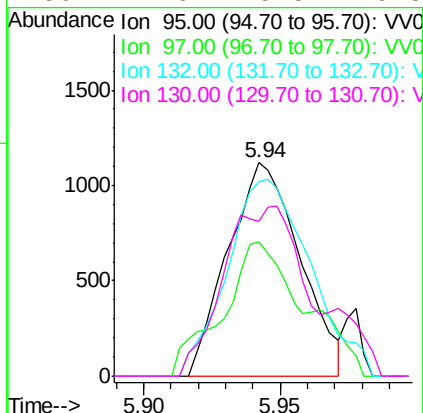
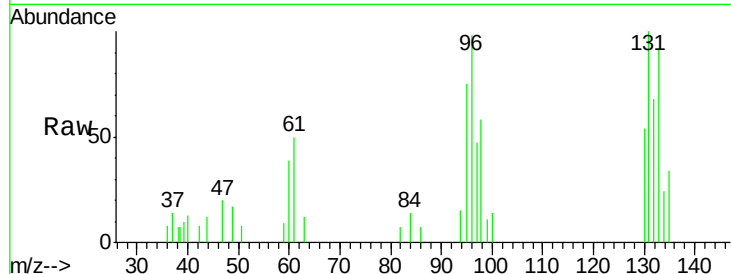
#34
 Trichloroethene
 Concen: 0.996 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VV017423.D
 Acq: 10 Jul 2020 01:19

Instrument :
 MSVOA_V
 ClientSampled :
 F4A33

Tot Ion	Ratio	Lower	Upper
95	100		
97	63.0	45.6	84.6
132	91.1	74.1	137.5
130	72.6	75.5	140.3#

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#46
 Tetrachloroethene
 Concen: 3.341 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV017423.D
 Acq: 10 Jul 2020 01:19

Tgt Ion	Ratio	Lower	Upper
164	100		
129	96.1	66.6	123.8
131	92.3	65.5	121.7
166	119.7	93.9	174.5

