

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018350.D
 Acq On : 19 Sep 2020 02:02
 Operator : SY/MD
 Sample : L4080-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AM4

Quant Time: Sep 19 06:21:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 05:11:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	272968	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	275353	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129278	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91384	41.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.16%
7) Chloroethane-d5	1.58	69	76454	42.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.12	63	137163	33.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.22%
21) 2-Butanone-d5	3.91	46	120016	88.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.14%
24) Chloroform-d	4.38	84	169783	43.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.98%
26) 1,2-Dichloroethane-d4	5.06	65	113848	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.04%
32) Benzene-d6	5.08	84	340866	43.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.48%
36) 1,2-Dichloropropane-d6	6.09	67	111094	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.72%
41) Toluene-d8	7.34	98	301599	41.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.96%
43) trans-1,3-Dichloropropene-	7.64	79	50369	39.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.14%
47) 2-Hexanone-d5	8.11	63	77647	81.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135302	43.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	124977	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%

Target Compounds

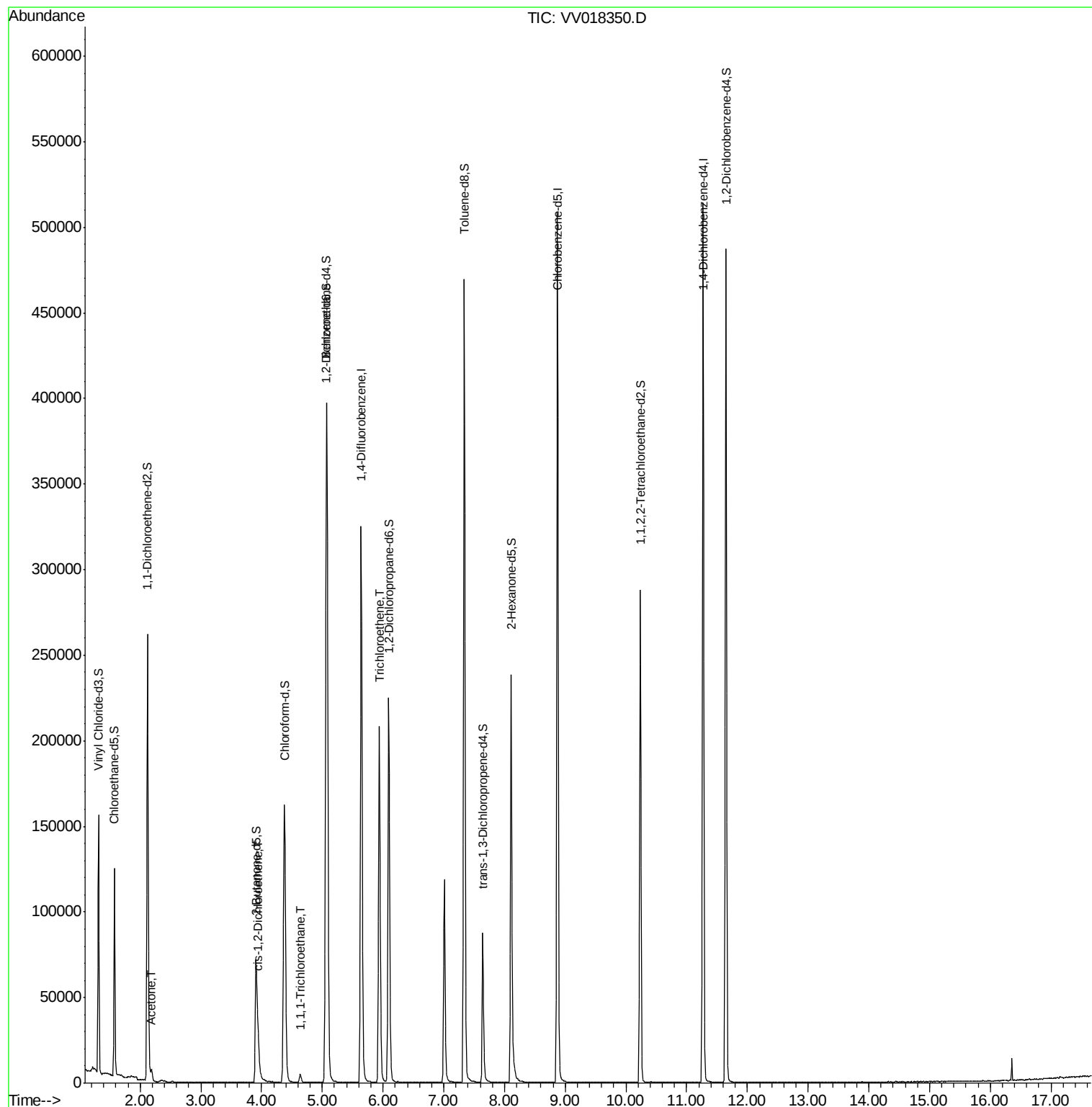
					Ovalue
13) Acetone	2.19	43	7912	7.257 ug/L	98
20) cis-1,2-Dichloroethene	3.95	96	5469	2.770 ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	4165	1.303 ug/L	96
34) Trichloroethene	5.94	95	72538	33.823 ug/L	98

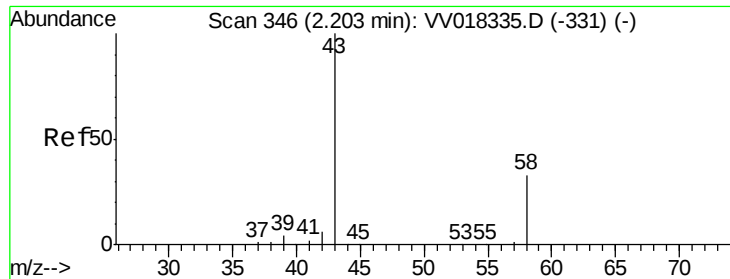
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.257 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

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Acq: 19 Sep 2020 02:02

Instrument :

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ClientSampleId :

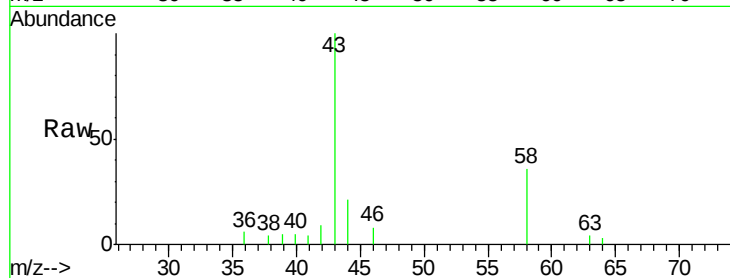
C0AM4

Tot Ion: 43 Resp: 7912

Ion Ratio Lower Upper

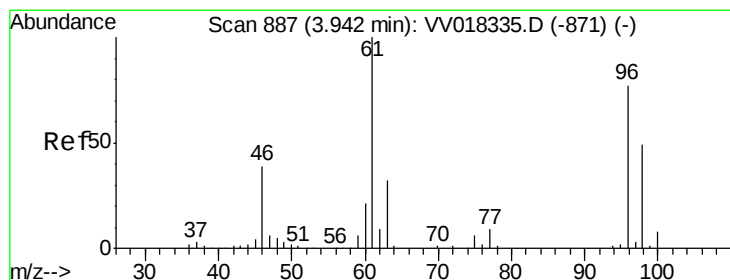
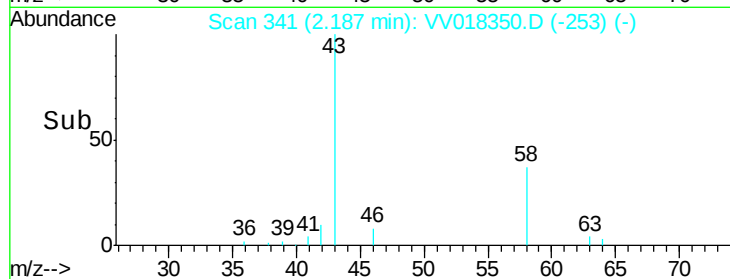
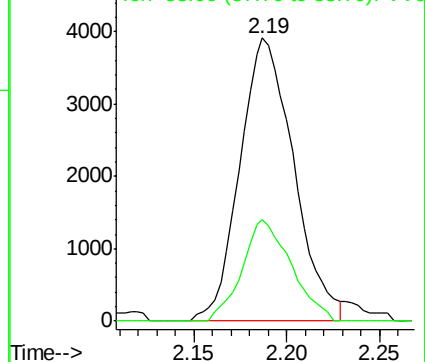
43 100

58 32.5 0.0 67.4



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: 2.770 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.00 min

Lab File: VV018350.D

Acq: 19 Sep 2020 02:02

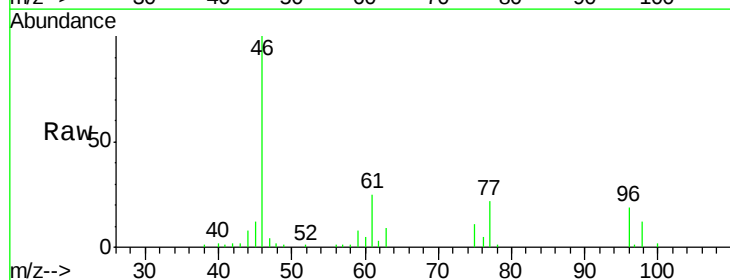
Tgt Ion: 96 Resp: 5469

Ion Ratio Lower Upper

96 100

61 130.8 93.6 173.8

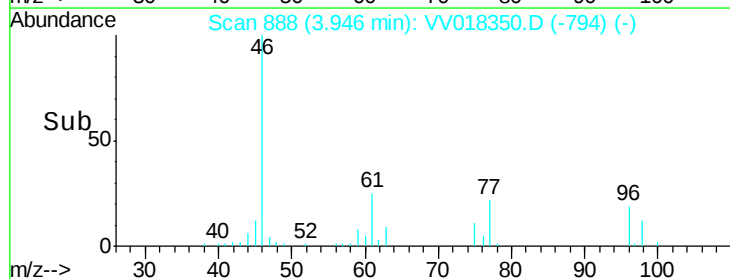
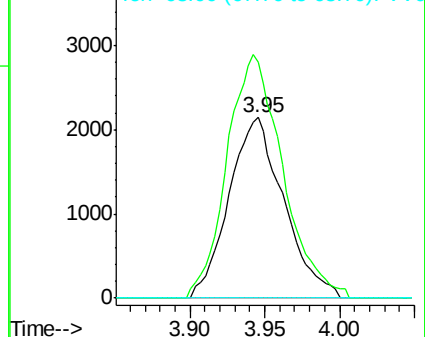
68 0.0 0.0 0.0

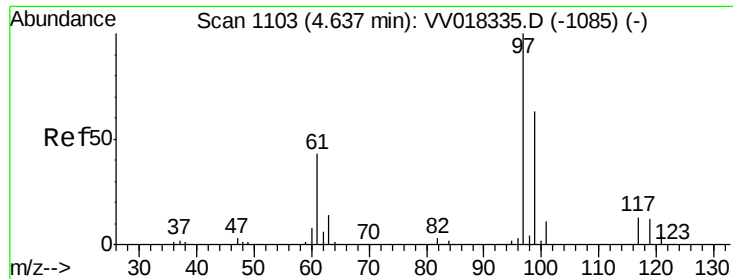


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

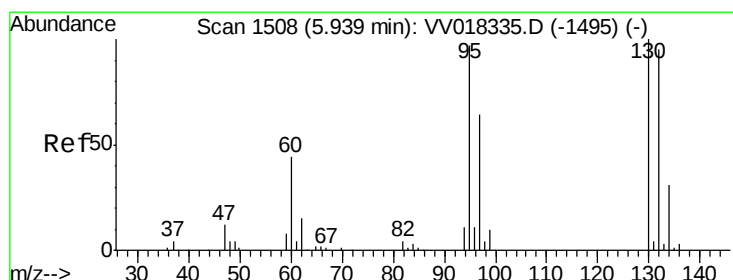
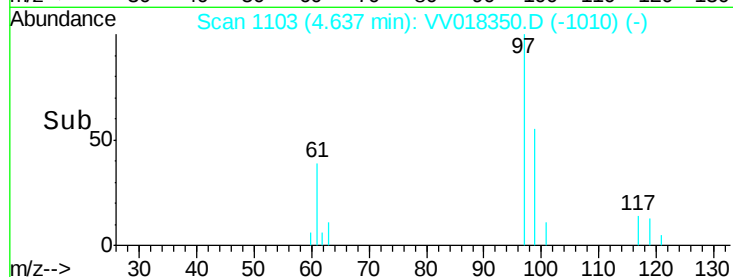
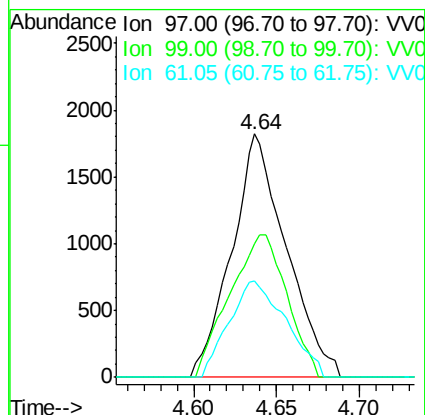
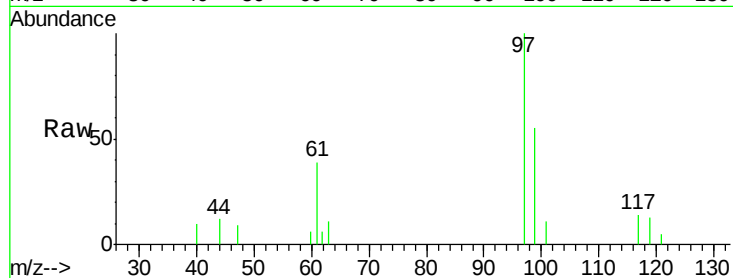




#30
 1,1,1-Trichloroethane
 Concen: 1.303 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VV018350.D
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Tot Ion: 97 Resp: 4165
 Ion Ratio Lower Upper
 97 100
 99 61.2 51.6 77.4
 61 41.4 34.9 52.3



#34
 Trichloroethene
 Concen: 33.823 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: VV018350.D
 Acq: 19 Sep 2020 02:02

Tgt Ion: 95 Resp: 72538
 Ion Ratio Lower Upper
 95 100
 97 64.7 46.3 85.9
 132 97.1 68.1 126.5
 130 99.6 71.5 132.9

