

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121719\
 Data File : VV014104.D
 Acq On : 17 Dec 2019 19:31
 Operator : SY/MD
 Sample : K6314-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFF17

Quant Time: Dec 18 08:05:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 06:35:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	744081	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	712590	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	322915	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	240551	55.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.80%
7) Chloroethane-d5	1.58	69	220525	49.09	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.18%
11) 1,1-Dichloroethene-d2	2.13	63	329044	34.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.16%
21) 2-Butanone-d5	3.92	46	307795	101.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.62%
24) Chloroform-d	4.40	84	447611	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
26) 1,2-Dichloroethane-d4	5.08	65	284656	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.42%
32) Benzene-d6	5.10	84	909201	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.48%
36) 1,2-Dichloropropane-d6	6.11	67	287761	51.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.84%
41) Toluene-d8	7.36	98	760110	45.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.30%
43) trans-1,3-Dichloropropene-	7.66	79	118212	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.66%
47) 2-Hexanone-d5	8.13	63	205040	99.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.07%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	367518	45.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.58%
64) 1,2-Dichlorobenzene-d4	11.67	152	317734	50.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

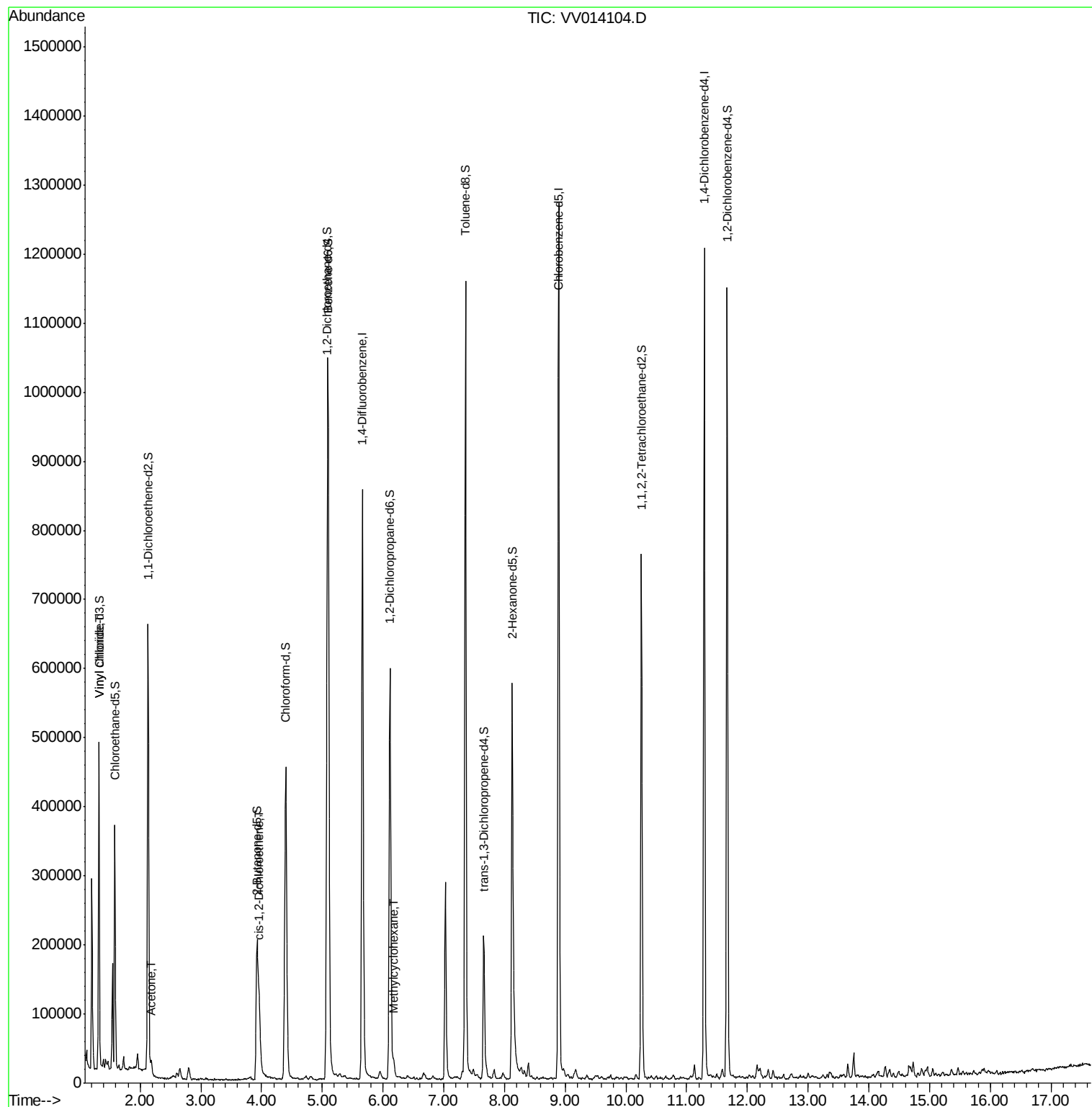
					Ovalue
5) Vinyl chloride	1.33	62	52897	8.373 ug/L	93
13) Acetone	2.19	43	15639	3.523 ug/L	89
20) cis-1,2-Dichloroethene	3.96	96	46248	8.077 ug/L	99
35) Methylcyclohexane	6.18	83	8969	1.050 ug/L	87

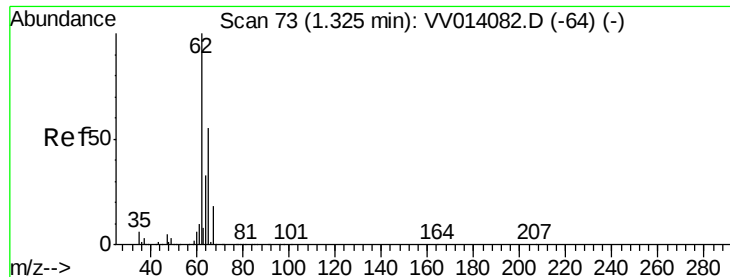
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 8.373 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV014104.D

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Instrument :

MSVOA_V

ClientSampleId :

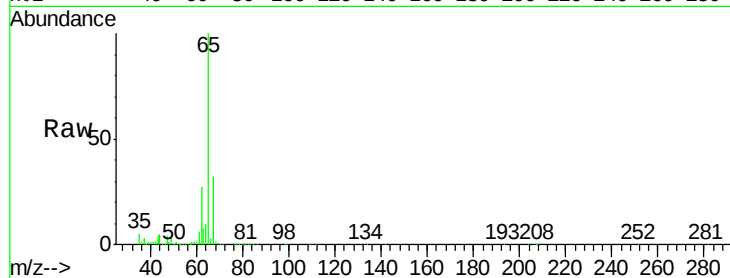
BFF17

Tot Ion: 62 Resp: 52897

Ion Ratio Lower Upper

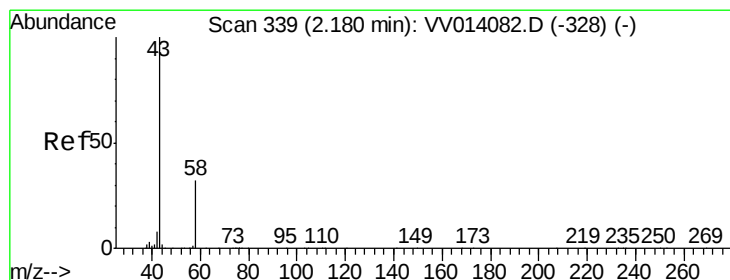
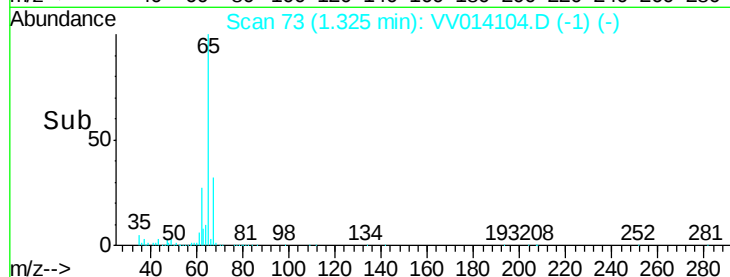
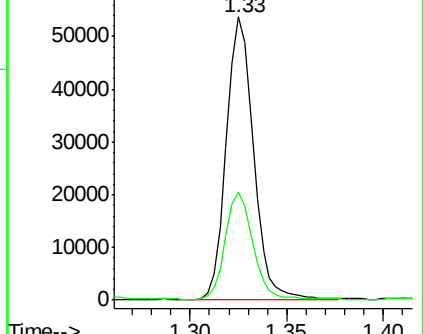
62 100

64 38.3 24.1 44.8



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#13

Acetone

Concen: 3.523 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

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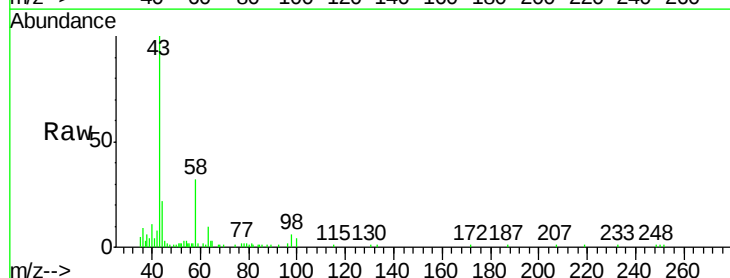
Acq: 17 Dec 2019 19:31

Tgt Ion: 43 Resp: 15639

Ion Ratio Lower Upper

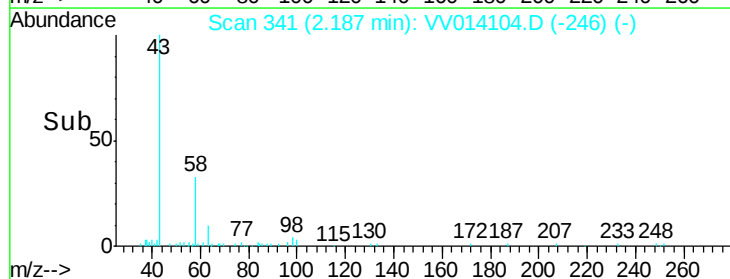
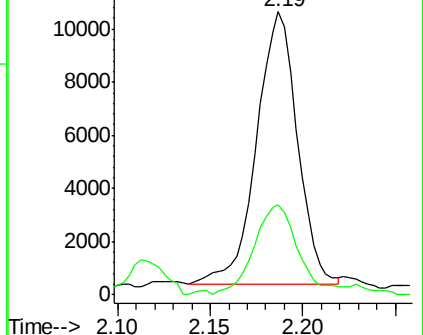
43 100

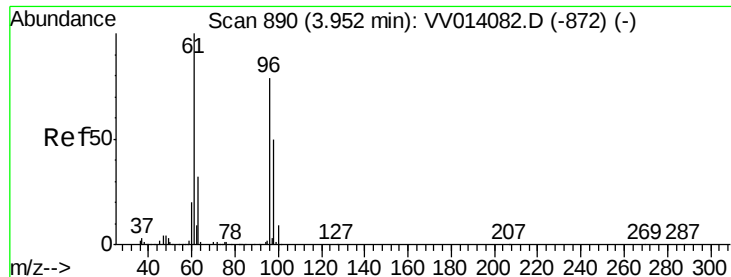
58 36.4 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

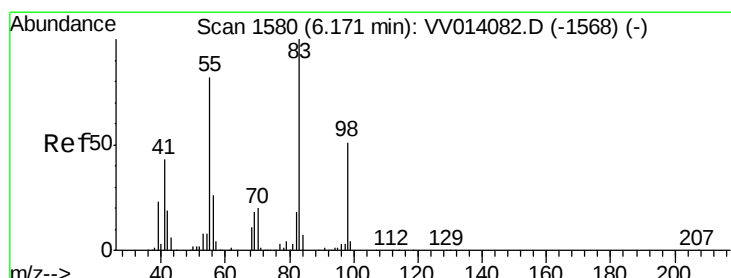
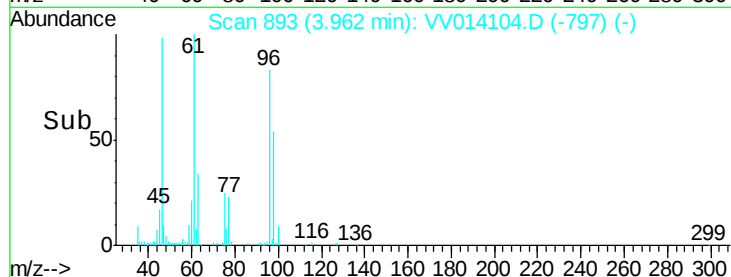
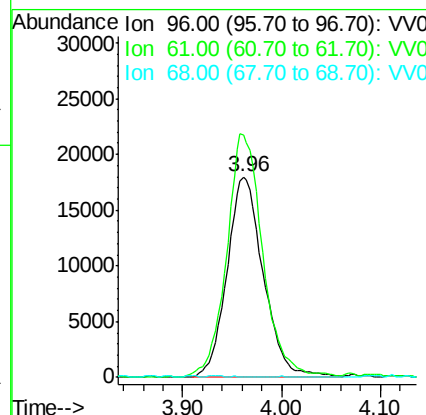
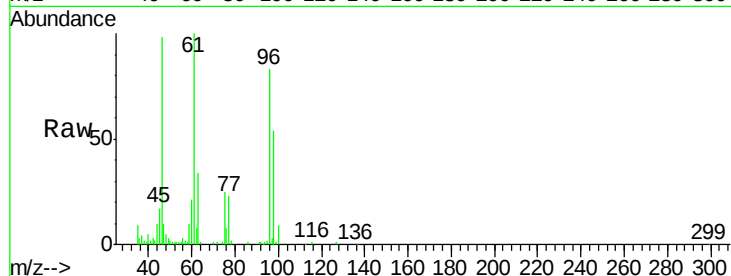




#20
 cis-1,2-Dichloroethene
 Concen: 8.077 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.01 min
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Tot Ion: 96 Resp: 46248
 Ion Ratio Lower Upper
 96 100
 61 120.9 85.3 158.5
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 1.050 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: VV014104.D
 Acq: 17 Dec 2019 19:31

Tgt Ion: 83 Resp: 8969
 Ion Ratio Lower Upper
 83 100
 55 90.5 61.0 91.4
 98 44.8 39.6 59.4

