

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031819\
 Data File : VV009752.D
 Acq On : 18 Mar 2019 12:33
 Operator : SY/MD
 Sample : K1949-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF1B8

Quant Time: Mar 19 04:31:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 12:32:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	147791	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	140090	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53152	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34908	35.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.06%
7) Chloroethane-d5	1.56	69	30769	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.70%
11) 1,1-Dichloroethene-d2	2.12	63	59302	27.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.90%#
21) 2-Butanone-d5	3.93	46	56981	96.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.00%
24) Chloroform-d	4.40	84	74904	40.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.84%
26) 1,2-Dichloroethane-d4	5.08	65	49259	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.66%
32) Benzene-d6	5.10	84	154406	42.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.36%
36) 1,2-Dichloropropane-d6	6.12	67	48829	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.62%
41) Toluene-d8	7.36	98	141295	40.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.22%
43) trans-1,3-Dichloropropene-	7.67	79	21854	41.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.94%
47) 2-Hexanone-d5	8.13	63	39583	87.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	73866	43.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.38%
64) 1,2-Dichlorobenzene-d4	11.68	152	49657	46.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.34%

Target Compounds

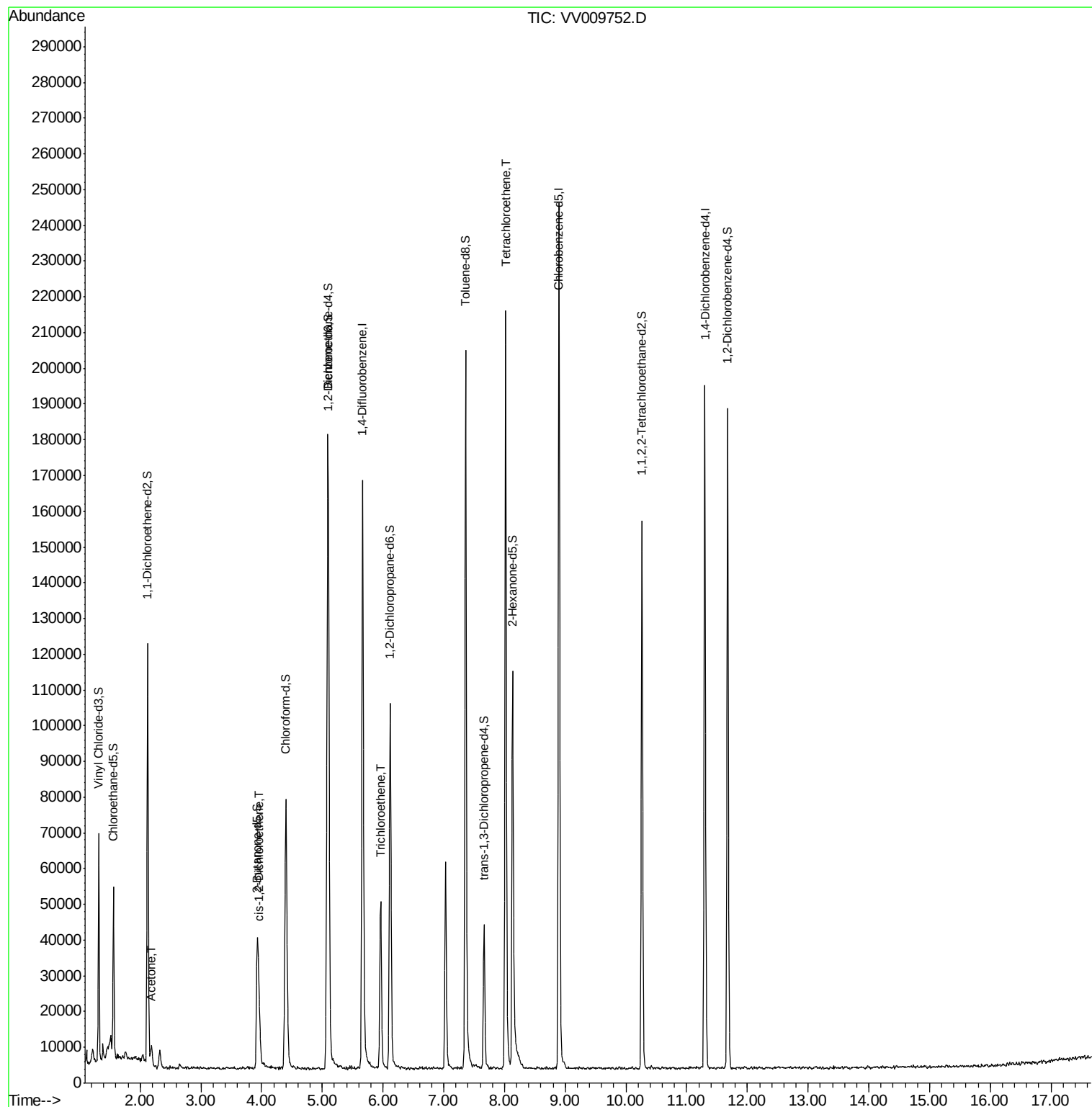
					Ovalue
13) Acetone	2.19	43	4711	8.380	ug/L 98
20) cis-1,2-Dichloroethene	3.96	96	5181	4.795	ug/L 90
34) Trichloroethene	5.96	95	15392	15.444	ug/L 94
46) Tetrachloroethene	8.02	164	46455	55.838	ug/L 97

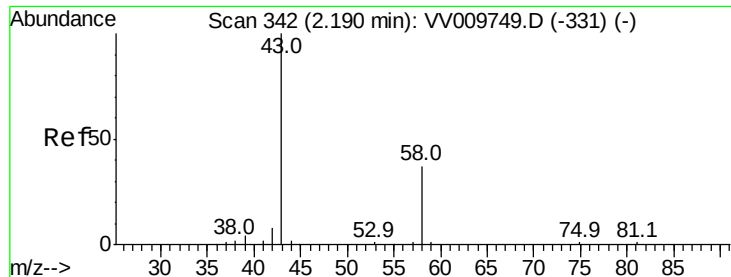
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.380 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV009752.D

Acq: 18 Mar 2019 12:33

Instrument :

MSVOA_V

ClientSampled :

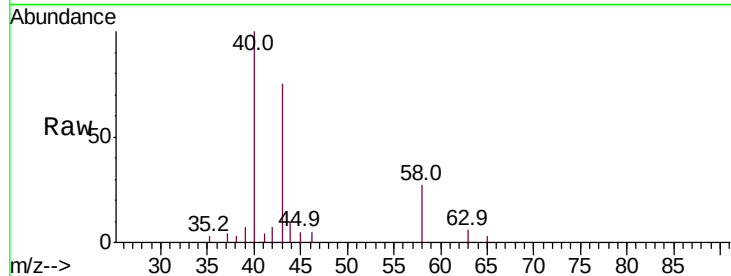
BF1B8

Tot Ion: 43 Resp: 4711

Ion Ratio Lower Upper

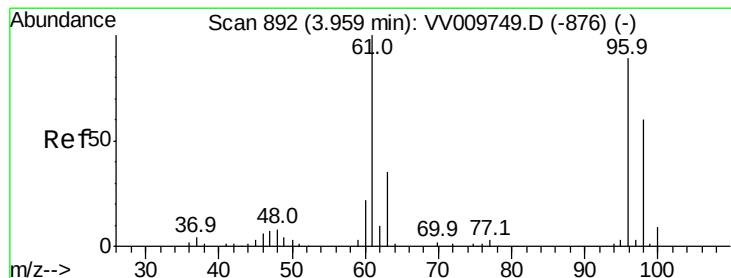
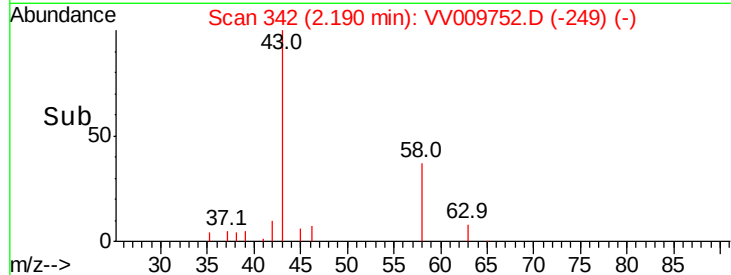
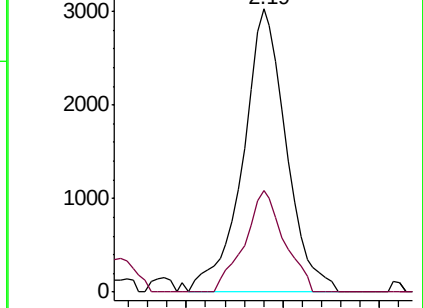
43 100

58 32.8 0.0 67.8



Abundance Ion 43.00 (42.70 to 43.70): VV009749.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009749.D (-331) (-)



#20

cis-1,2-Dichloroethene

Concen: 4.795 ug/L

RT: 3.96 min Scan# 892

Delta R.T. -0.00 min

Lab File: VV009752.D

Acq: 18 Mar 2019 12:33

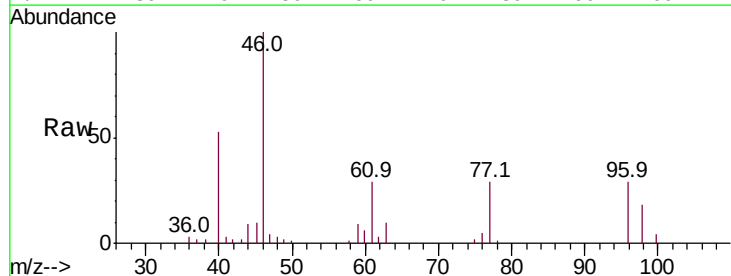
Tgt Ion: 96 Resp: 5181

Ion Ratio Lower Upper

96 100

61 100.4 77.5 143.9

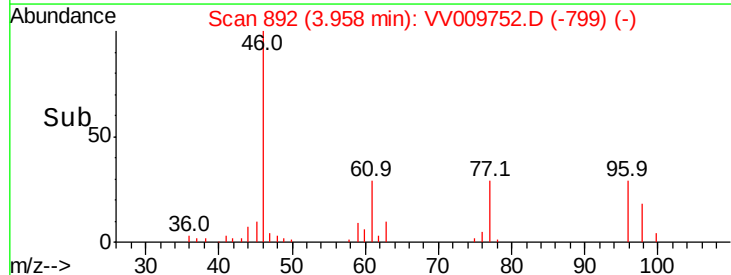
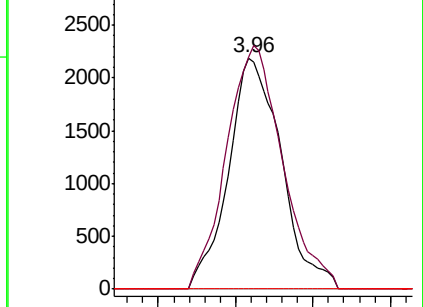
68 0.0 0.0 0.0

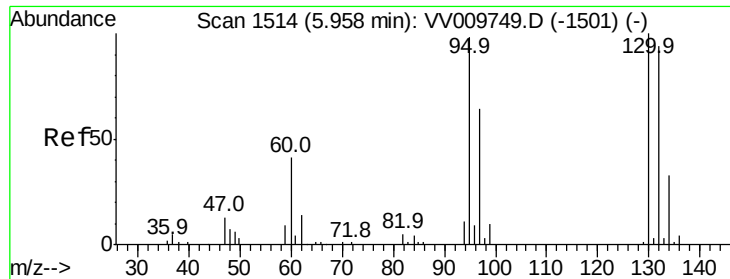


Abundance Ion 96.00 (95.70 to 96.70): VV009749.D (-876) (-)

Ion 61.00 (60.70 to 61.70): VV009749.D (-876) (-)

Ion 68.00 (67.70 to 68.70): VV009749.D (-876) (-)





#34

Trichloroethene

Concen: 15.444 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009752.D

Acq: 18 Mar 2019 12:33

Instrument :

MSVOA_V

ClientSampleId :

BF1B8

Tot Ion: 95 Resp: 15392

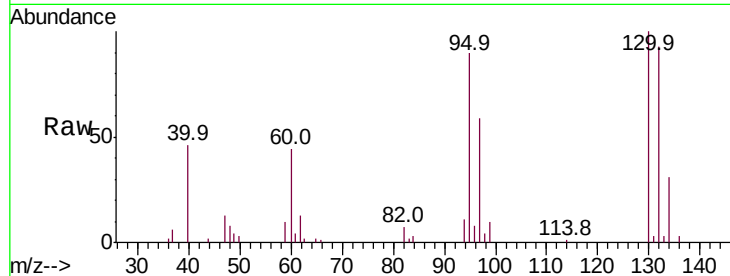
Ion Ratio Lower Upper

95 100

97 65.0 45.1 83.9

132 103.6 68.0 126.2

130 110.8 71.3 132.3

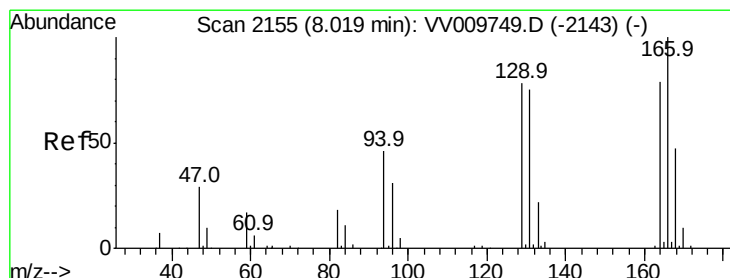
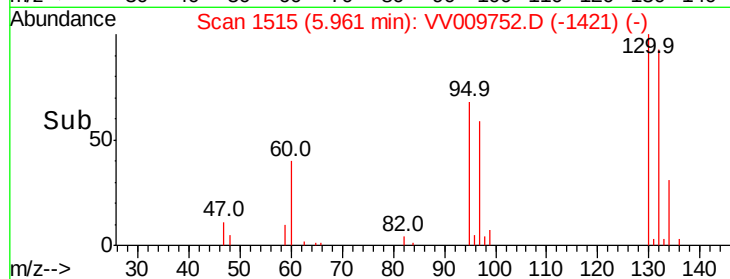
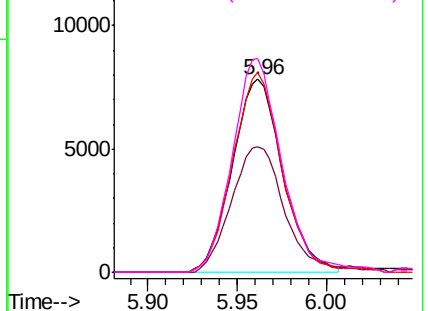


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 55.838 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009752.D

Acq: 18 Mar 2019 12:33

Tgt Ion:164 Resp: 46455

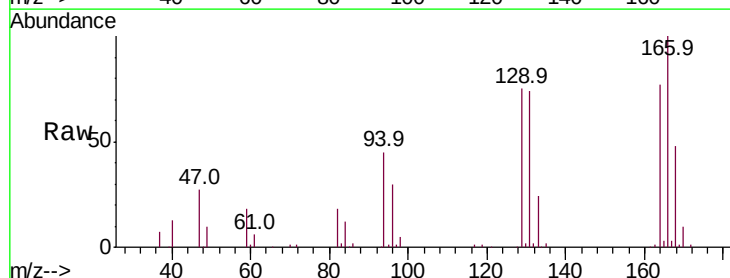
Ion Ratio Lower Upper

164 100

129 96.5 70.0 130.0

131 95.1 67.5 125.4

166 129.4 88.0 163.4



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

