

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\
 Data File : VV012467.D
 Acq On : 30 Aug 2019 20:53
 Operator : SY/MD
 Sample : K4500-21
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANL5

Quant Time: Aug 31 02:19:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 31 01:38:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	196665	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	203410	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	74474	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11645	0.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	13.20%#
7) Chloroethane-d5	1.58	69	12326	0.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	19.40%#
11) 1,1-Dichloroethene-d2	2.13	63	28059	0.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	19.60%#
20) 2-Butanone-d5	3.95	46	167840	46.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.96%
24) Chloroform-d	4.40	84	99705	3.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.20%#
26) 1,2-Dichloroethane-d4	5.08	65	42270	2.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.80%#
32) Benzene-d6	5.10	84	124992	2.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	41.20%#
36) 1,2-Dichloropropane-d6	6.12	67	60091	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	62.20%
41) Toluene-d8	7.36	98	106446	1.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	38.80%#
43) trans-1,3-Dichloropropene-	7.66	79	18271	2.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.60%#
46) 2-Hexanone-d5	8.14	63	115711	43.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	58540	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	67171	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

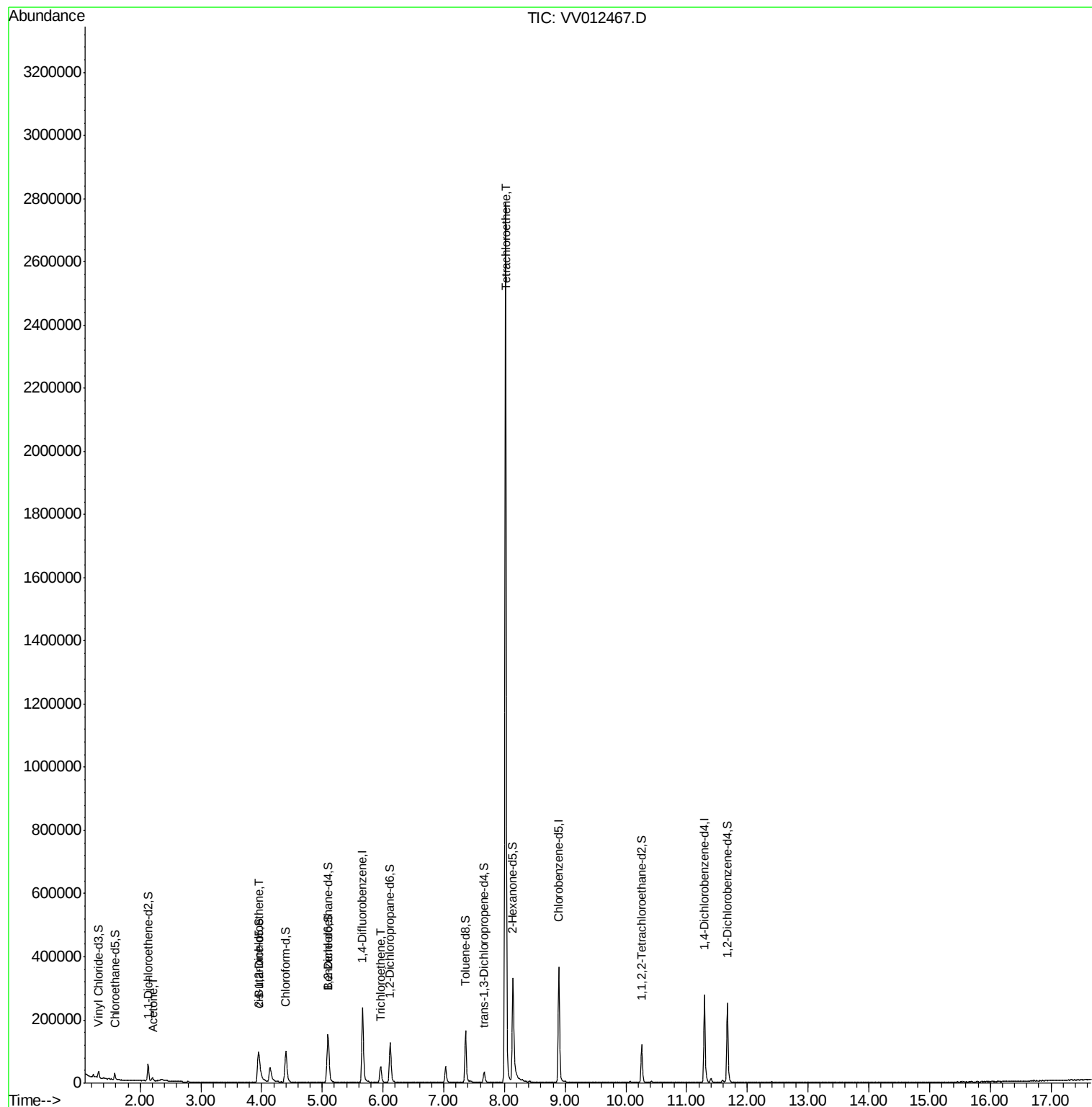
					Qvalue
13) Acetone	2.20	43	12369	4.738	ug/L 88
22) cis-1,2-Dichloroethene	3.96	96	6737	0.337	ug/L 100
34) Trichloroethene	5.96	95	17085	0.796	ug/L 93
47) Tetrachloroethene	8.02	164	621989	36.215	ug/L 99

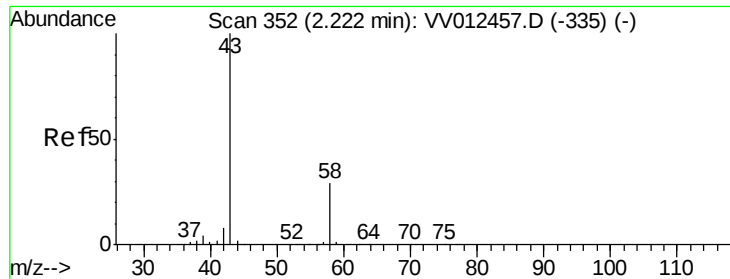
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.738 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

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Instrument :

MSVOA_V

ClientSampleId :

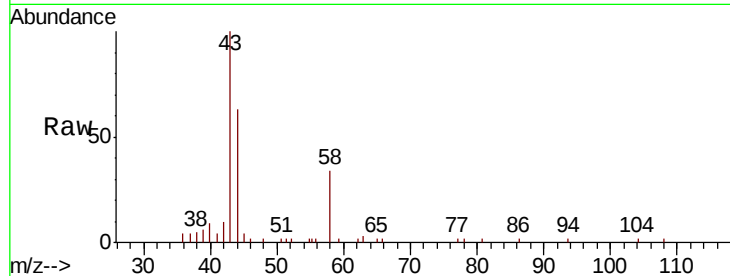
GANL5

Tgt Ion: 43 Resp: 12369

Ion Ratio Lower Upper

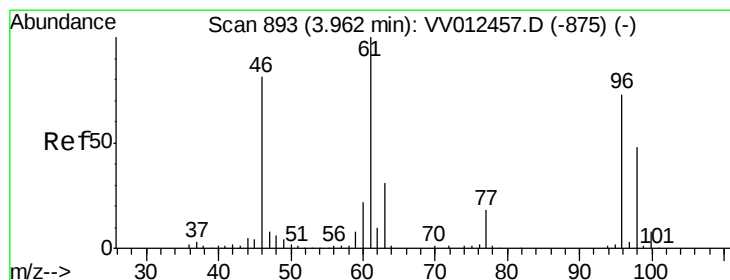
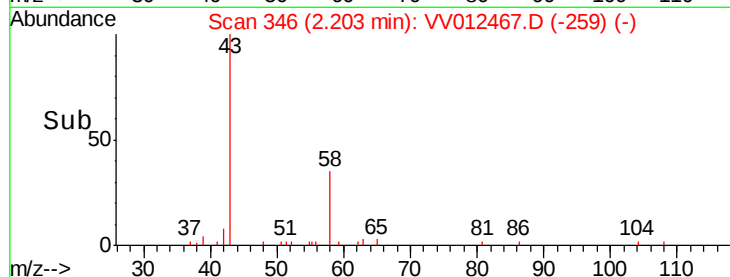
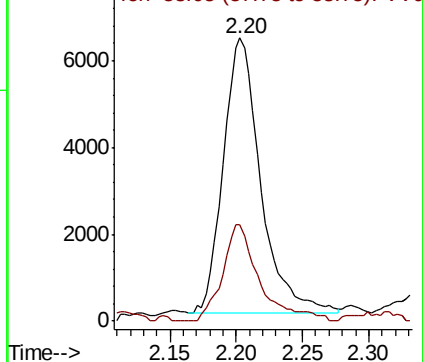
43 100

58 34.6 0.0 56.8



Abundance Ion 43.05 (42.75 to 43.75): VV012457.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV012457.D (-335) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.337 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV012467.D

Acq: 30 Aug 2019 20:53

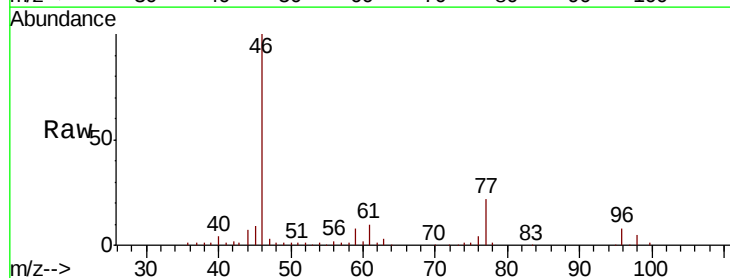
Tgt Ion: 96 Resp: 6737

Ion Ratio Lower Upper

96 100

61 131.1 91.5 169.9

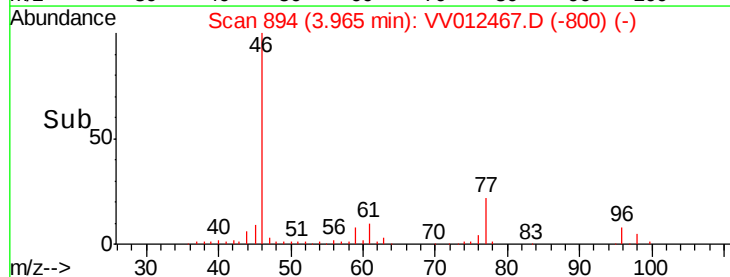
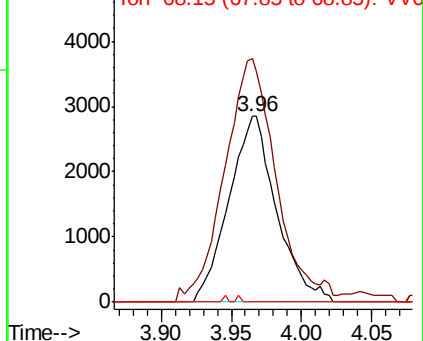
68 0.0 0.0 0.0

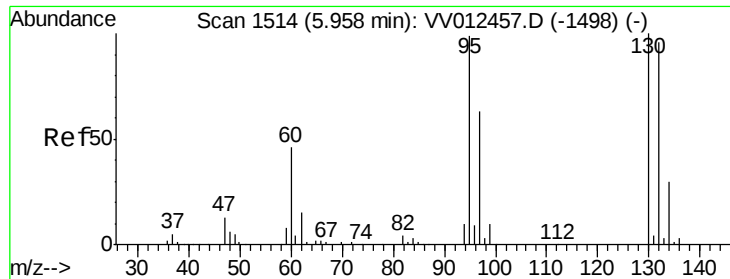


Abundance Ion 96.00 (95.70 to 96.70): VV012457.D (-875) (-)

Ion 61.05 (60.75 to 61.75): VV012457.D (-875) (-)

Ion 68.15 (67.85 to 68.85): VV012457.D (-875) (-)





#34

Trichloroethene

Concen: 0.796 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV012467.D

Acq: 30 Aug 2019 20:53

Instrument :

MSVOA_V

ClientSampleId :

GANL5

Tgt Ion: 95 Resp: 17085

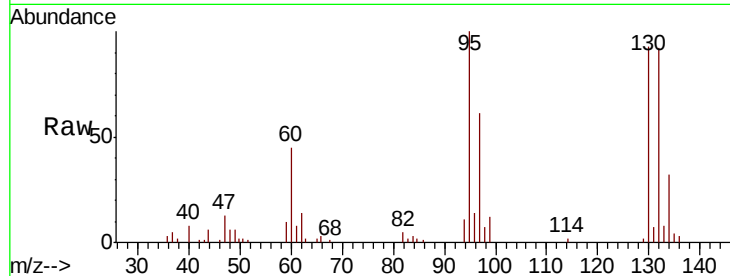
Ion Ratio Lower Upper

95 100

97 60.8 45.8 85.2

132 92.2 68.3 126.9

130 92.8 72.0 133.8

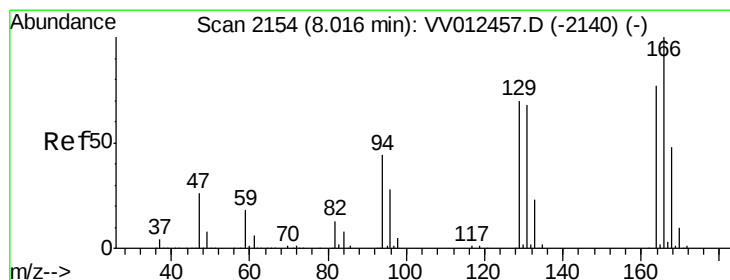
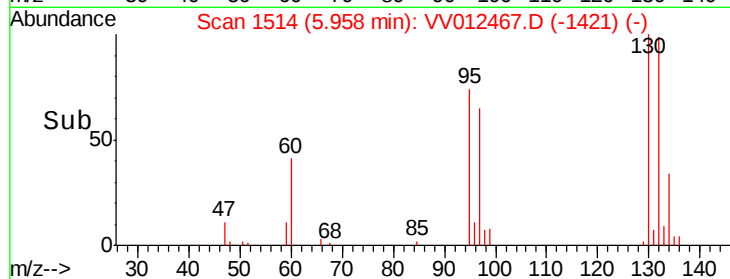
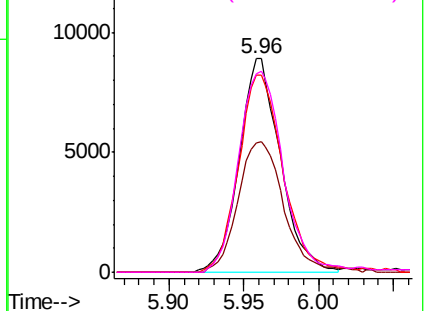


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#47

Tetrachloroethene

Concen: 36.215 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012467.D

Acq: 30 Aug 2019 20:53

Tgt Ion: 164 Resp: 621989

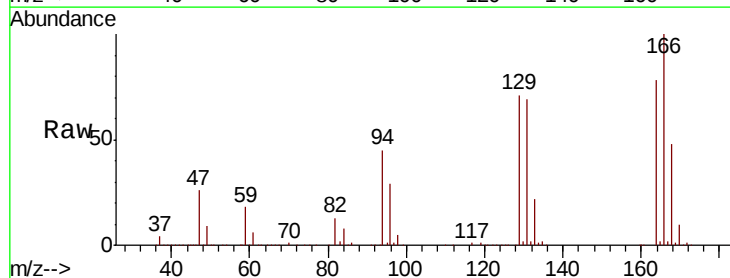
Ion Ratio Lower Upper

164 100

129 91.8 65.6 121.8

131 89.3 63.3 117.5

166 128.9 89.4 166.0



Abundance Ion 163.90 (163.60 to 164.60): VV0

Ion 128.95 (128.65 to 129.65): VV0

Ion 130.95 (130.65 to 131.65): VV0

Ion 165.90 (165.60 to 166.60): VV0

