

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\
 Data File : VV012469.D
 Acq On : 30 Aug 2019 21:48
 Operator : SY/MD
 Sample : K4501-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANM1

Quant Time: Aug 31 02:33:16 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	5.66	114	213971	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	220639	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	85168	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66565	3.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.80%
7) Chloroethane-d5	1.58	69	50361	3.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.00%
11) 1,1-Dichloroethene-d2	2.13	63	81403	2.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.00%#
20) 2-Butanone-d5	3.95	46	158342	40.74	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.48%
24) Chloroform-d	4.40	84	125637	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.80%
26) 1,2-Dichloroethane-d4	5.08	65	65165	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	5.10	84	243995	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.00%
36) 1,2-Dichloropropane-d6	6.12	67	80527	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.00%
41) Toluene-d8	7.36	98	194201	3.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.40%#
43) trans-1,3-Dichloropropene-	7.67	79	25302	3.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.40%
46) 2-Hexanone-d5	8.14	63	119476	41.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56437	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	72061	4.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.00%

Target Compounds

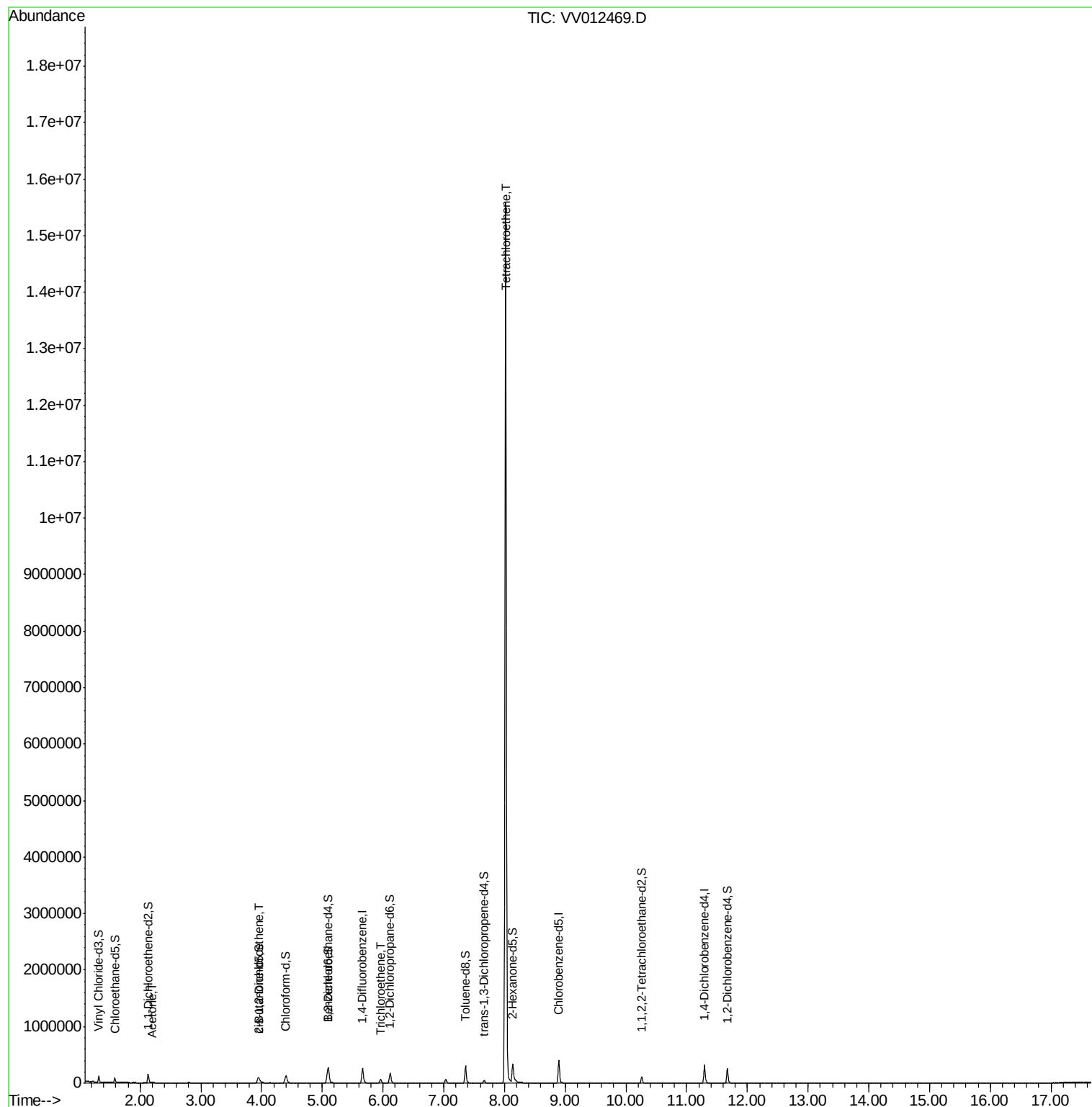
					Qvalue
13) Acetone	2.20	43	7232	2.546 ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	6722	0.309 ug/L	86
34) Trichloroethene	5.96	95	20988	0.902 ug/L	91
47) Tetrachloroethene	8.02	164	3388013	181.863 ug/L	99

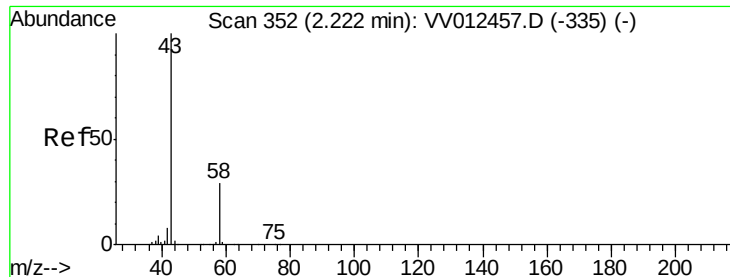
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.546 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.02 min

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Instrument :

MSVOA_V

ClientSampleId :

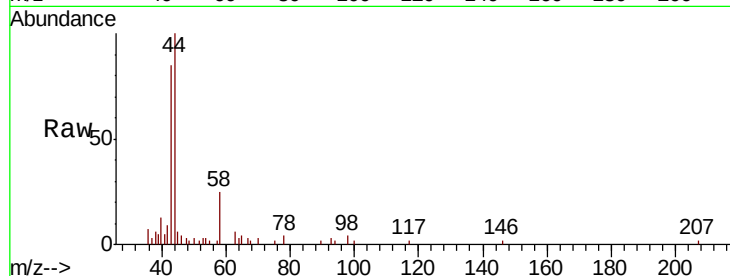
GANM1

Tgt Ion: 43 Resp: 7232

Ion Ratio Lower Upper

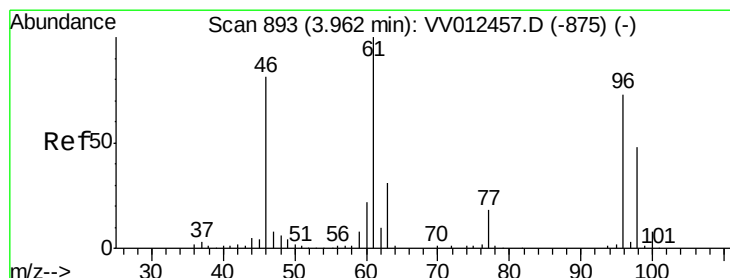
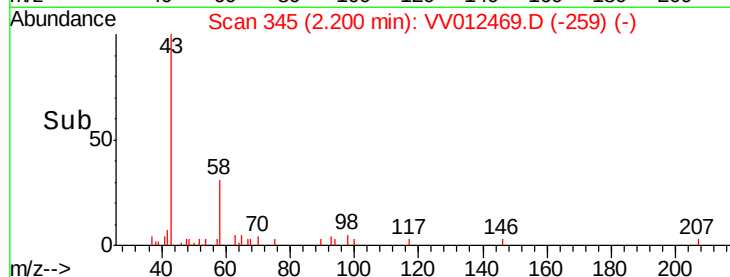
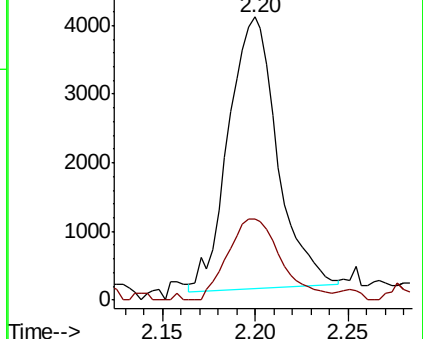
43 100

58 33.1 0.0 56.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.309 ug/L

RT: 3.96 min Scan# 893

Delta R.T. -0.00 min

Lab File: VV012469.D

Acq: 30 Aug 2019 21:48

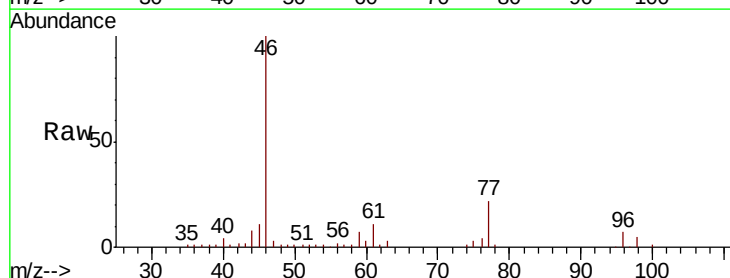
Tgt Ion: 96 Resp: 6722

Ion Ratio Lower Upper

96 100

61 146.8 91.5 169.9

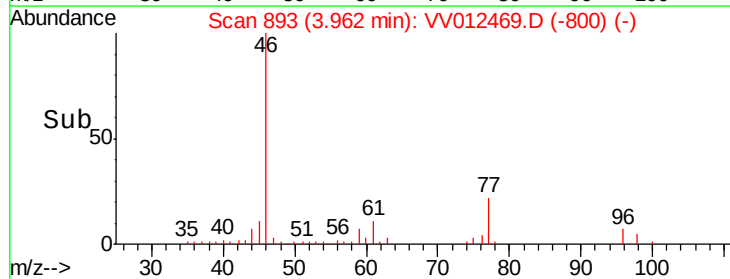
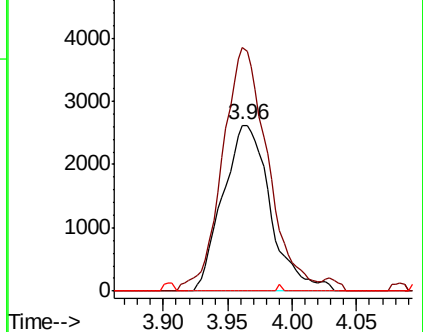
68 0.0 0.0 0.0

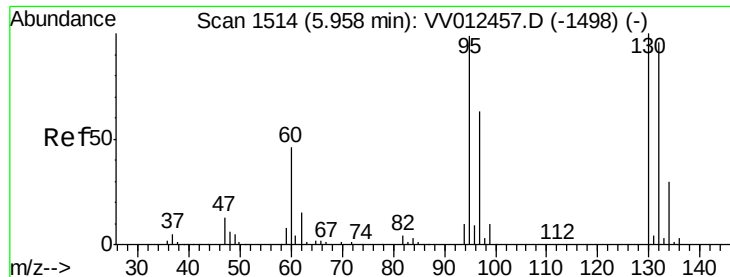


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 0.902 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV012469.D

Acq: 30 Aug 2019 21:48

Instrument :

MSVOA_V

ClientSampleId :

GANM1

Tgt Ion: 95 Resp: 20988

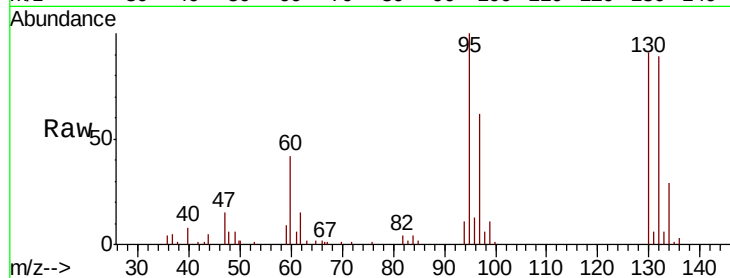
Ion Ratio Lower Upper

95 100

97 62.1 45.8 85.2

132 88.7 68.3 126.9

130 91.5 72.0 133.8

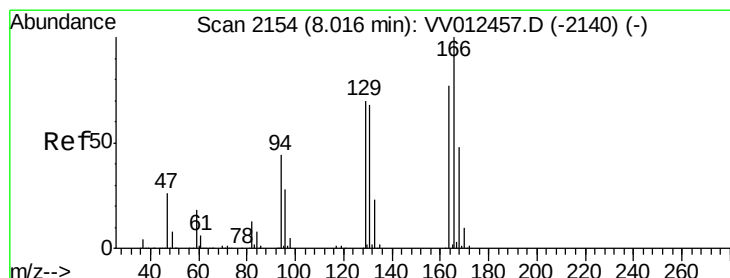
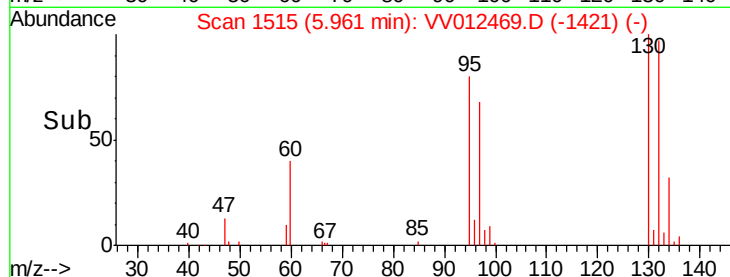
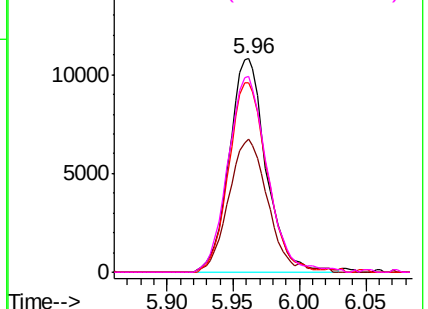


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 181.863 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012469.D

Acq: 30 Aug 2019 21:48

Tgt Ion: 164 Resp: 3388013

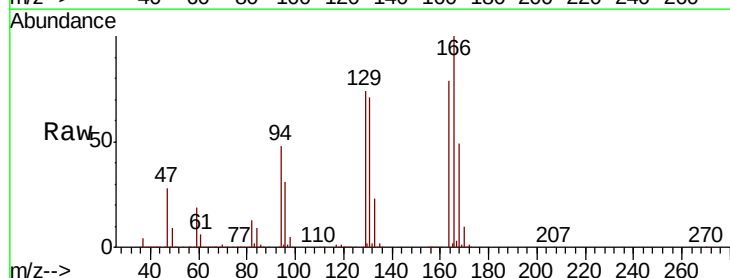
Ion Ratio Lower Upper

164 100

129 93.5 65.6 121.8

131 89.6 63.3 117.5

166 126.2 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

