

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\
 Data File : VV012456.D
 Acq On : 30 Aug 2019 14:42
 Operator : SY/MD
 Sample : K4500-20
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANL4

Quant Time: Aug 31 01:36:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 31 00:07:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	205354	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	205208	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	75168	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	10788	0.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	11.80%#
7) Chloroethane-d5	1.58	69	11322	0.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	17.00%#
11) 1,1-Dichloroethene-d2	2.13	63	26135	0.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	17.40%#
20) 2-Butanone-d5	3.95	46	164690	44.15	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.30%
24) Chloroform-d	4.40	84	93523	2.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	59.40%#
26) 1,2-Dichloroethane-d4	5.08	65	40153	2.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	52.60%#
32) Benzene-d6	5.10	84	116545	1.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	38.00%#
36) 1,2-Dichloropropane-d6	6.12	67	57263	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	58.80%#
41) Toluene-d8	7.36	98	101820	1.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	36.80%#
43) trans-1,3-Dichloropropene-	7.67	79	18691	2.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.40%#
46) 2-Hexanone-d5	8.14	63	109624	40.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55809	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	62134	4.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.00%

Target Compounds

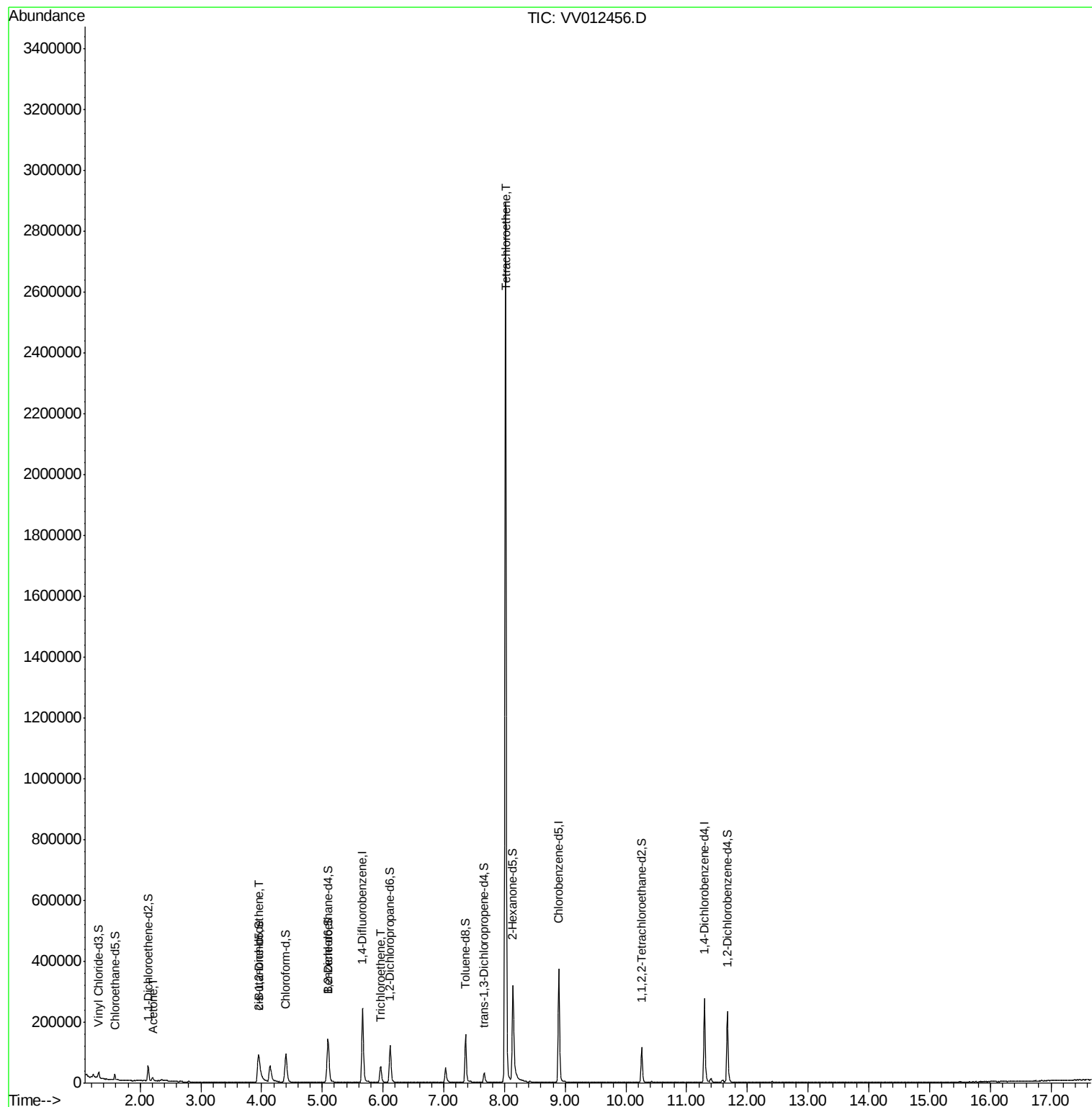
					Qvalue
13) Acetone	2.20	43	12514	4.591	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	6880	0.330	ug/L 90
34) Trichloroethene	5.96	95	17545	0.811	ug/L 99
47) Tetrachloroethene	8.02	164	645174	37.236	ug/L 98

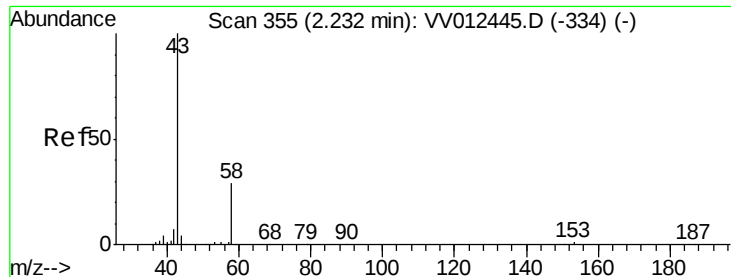
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.591 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.03 min

Lab File: VV012456.D

Acq: 30 Aug 2019 14:42

Instrument :

MSVOA_V

ClientSampleId :

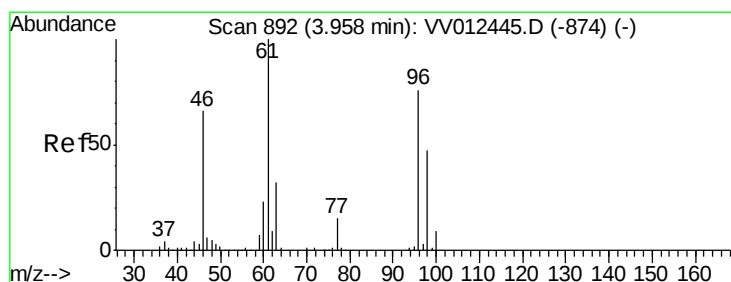
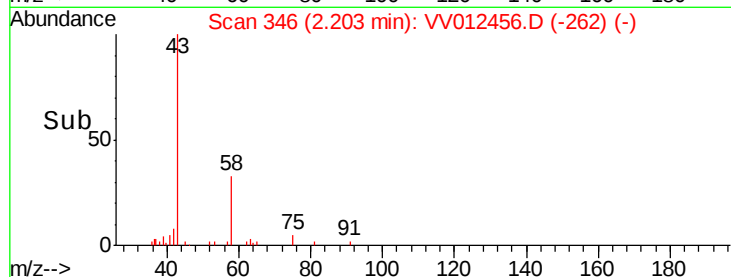
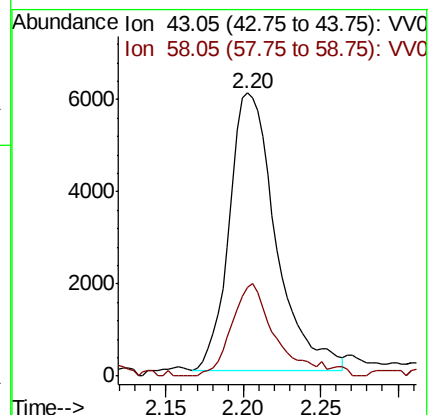
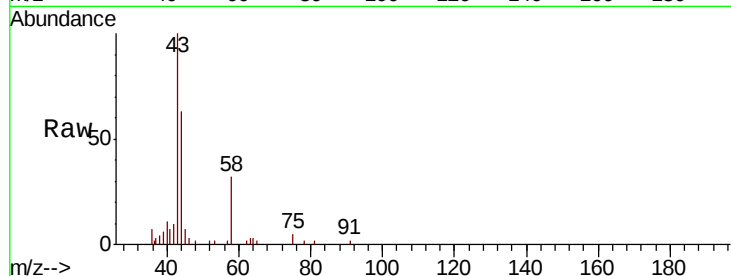
GANL4

Tgt Ion: 43 Resp: 12514

Ion Ratio Lower Upper

43 100

58 31.2 0.0 56.8



#22

cis-1,2-Dichloroethene

Concen: 0.330 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV012456.D

Acq: 30 Aug 2019 14:42

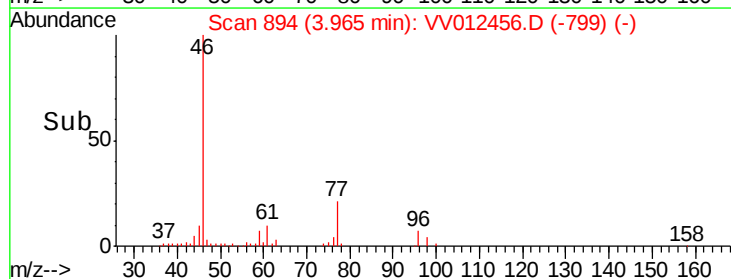
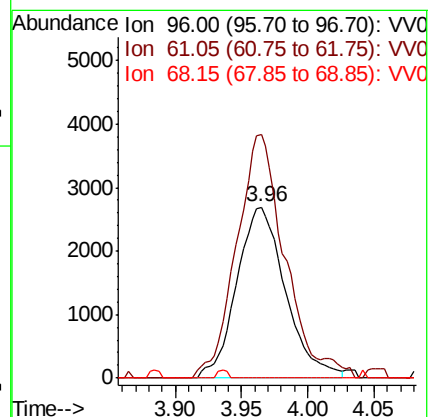
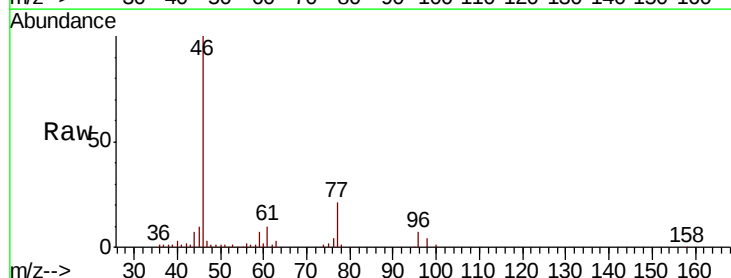
Tgt Ion: 96 Resp: 6880

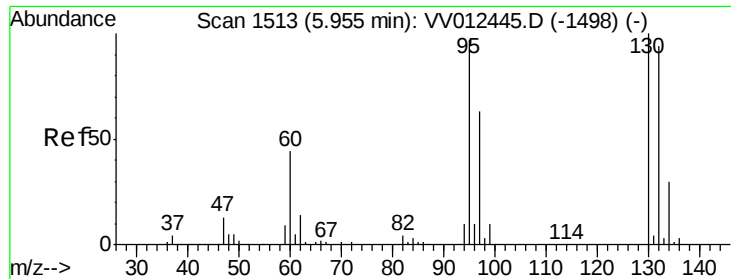
Ion Ratio Lower Upper

96 100

61 142.6 91.5 169.9

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.811 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012456.D

Acq: 30 Aug 2019 14:42

Instrument :

MSVOA_V

ClientSampled :

GANL4

Tgt Ion: 95 Resp: 17545

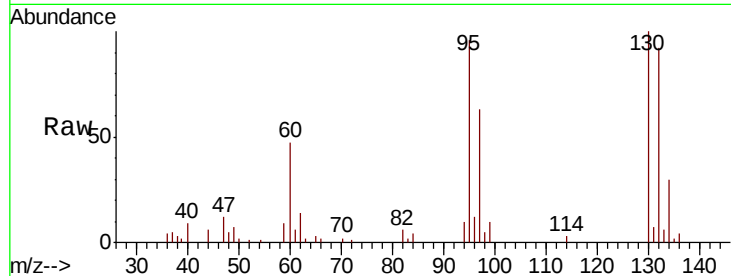
Ion Ratio Lower Upper

95 100

97 65.8 45.8 85.2

132 95.8 68.3 126.9

130 103.6 72.0 133.8

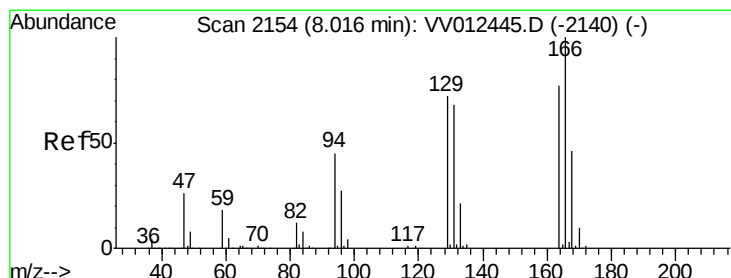
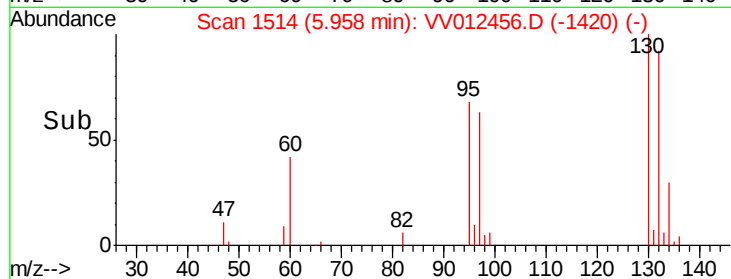
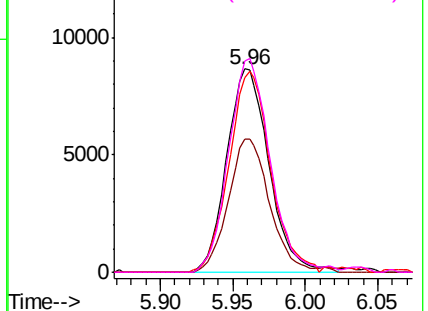


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 37.236 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

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Tgt Ion: 164 Resp: 645174

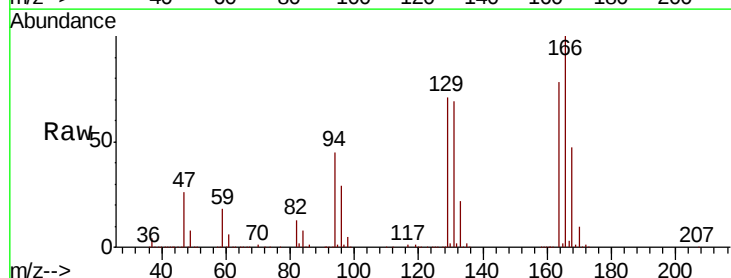
Ion Ratio Lower Upper

164 100

129 90.6 65.6 121.8

131 87.9 63.3 117.5

166 127.8 89.4 166.0



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

