

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\
 Data File : VV012455.D
 Acq On : 30 Aug 2019 14:15
 Operator : SY/MD
 Sample : K4501-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANL7

Quant Time: Aug 31 01:27:43 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	5.66	114	217298	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	219194	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	77406	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56453	2.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.20%
7) Chloroethane-d5	1.58	69	45905	3.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.60%
11) 1,1-Dichloroethene-d2	2.13	63	78914	2.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.60%#
20) 2-Butanone-d5	3.93	46	141384	35.82	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.64%
24) Chloroform-d	4.40	84	120314	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.40%
26) 1,2-Dichloroethane-d4	5.08	65	61668	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
32) Benzene-d6	5.10	84	240601	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
36) 1,2-Dichloropropane-d6	6.12	67	79656	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.60%
41) Toluene-d8	7.36	98	187865	3.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.60%#
43) trans-1,3-Dichloropropene-	7.67	79	23190	3.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.20%
46) 2-Hexanone-d5	8.13	63	100513	34.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55078	3.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	61783	4.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.00%

Target Compounds

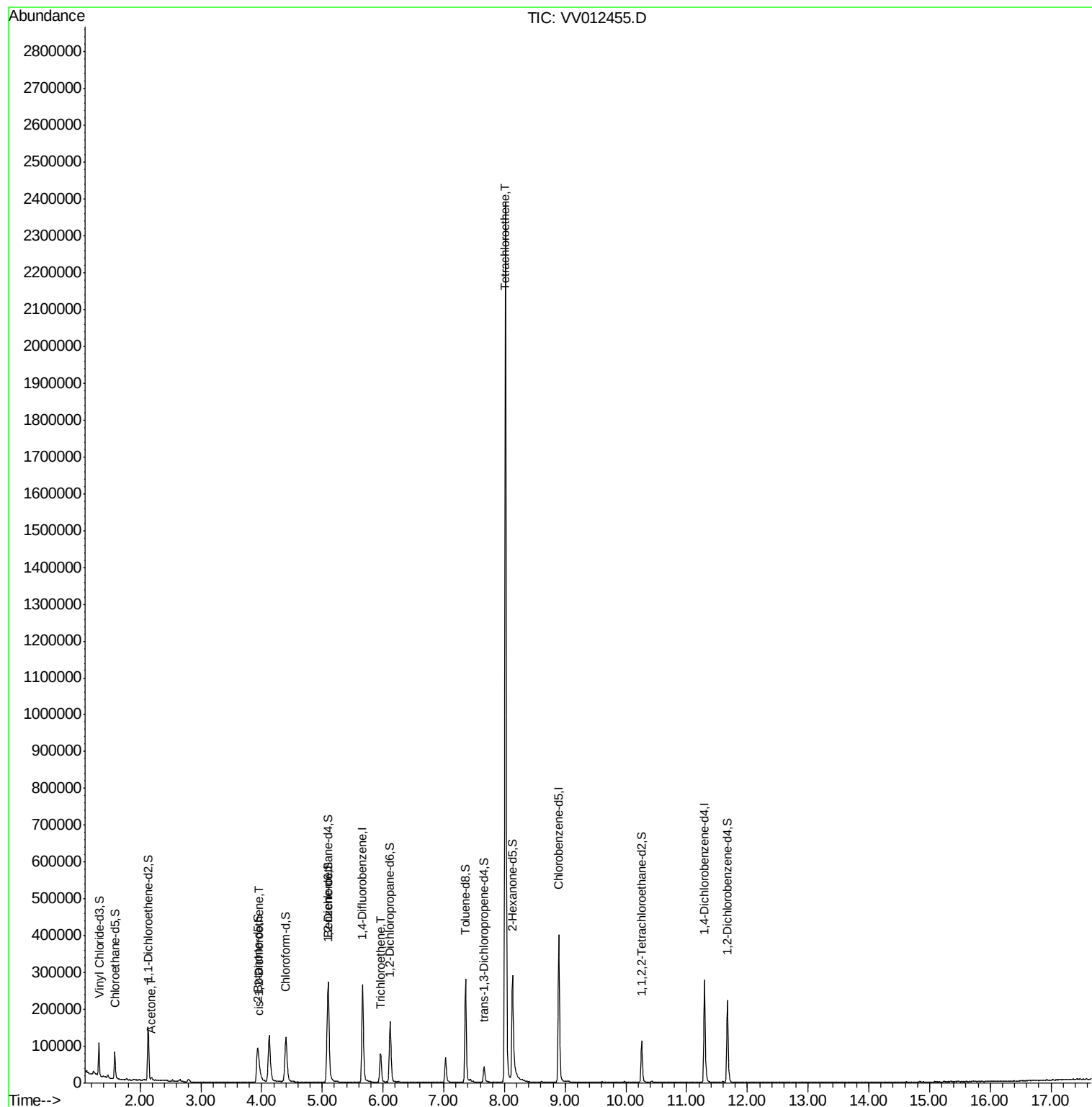
					Qvalue
13) Acetone	2.19	43	5665	1.964 ug/L	91
22) cis-1,2-Dichloroethene	3.97	96	5043	0.228 ug/L	95
34) Trichloroethene	5.96	95	26688	1.154 ug/L	96
47) Tetrachloroethene	8.02	164	537807	29.059 ug/L	99

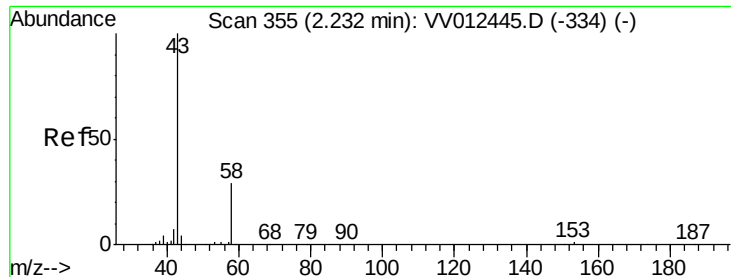
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.964 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.04 min

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ClientSampleId :

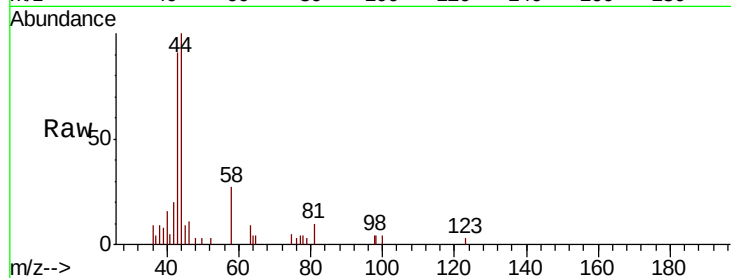
GANL7

Tgt Ion: 43 Resp: 5665

Ion Ratio Lower Upper

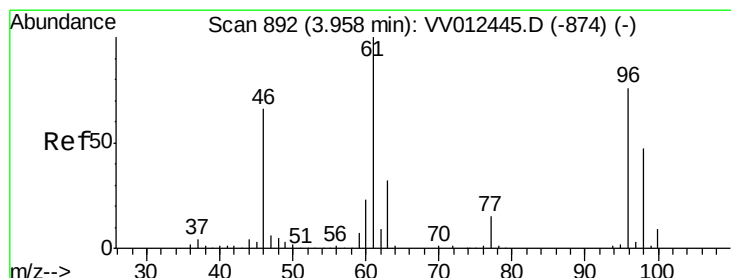
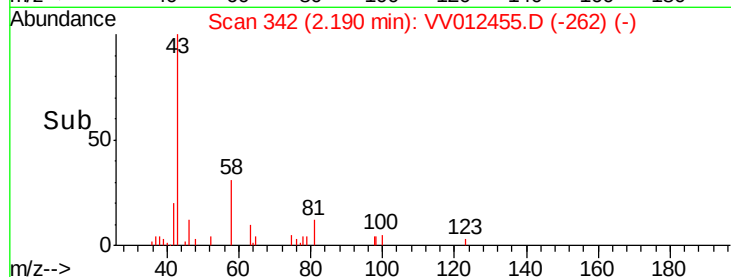
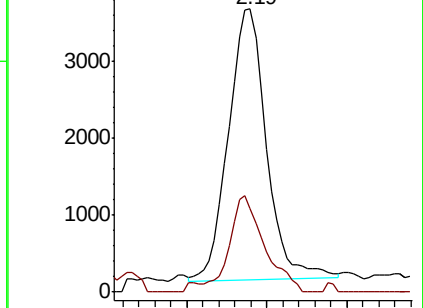
43 100

58 33.2 0.0 56.8



Abundance Ion 43.05 (42.75 to 43.75): VV012445.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV012445.D (-334) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.228 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.01 min

Lab File: VV012455.D

Acq: 30 Aug 2019 14:15

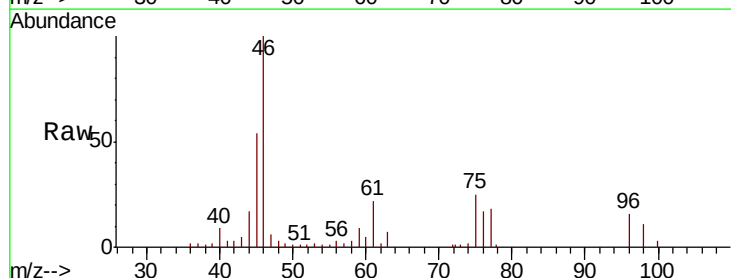
Tgt Ion: 96 Resp: 5043

Ion Ratio Lower Upper

96 100

61 137.0 91.5 169.9

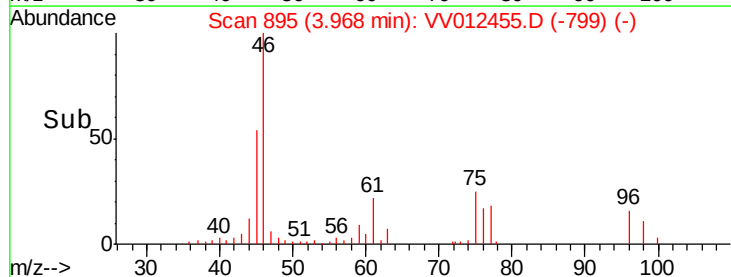
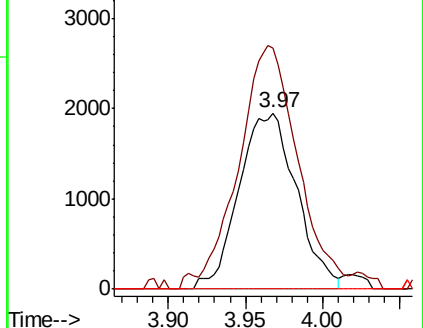
68 0.0 0.0 0.0

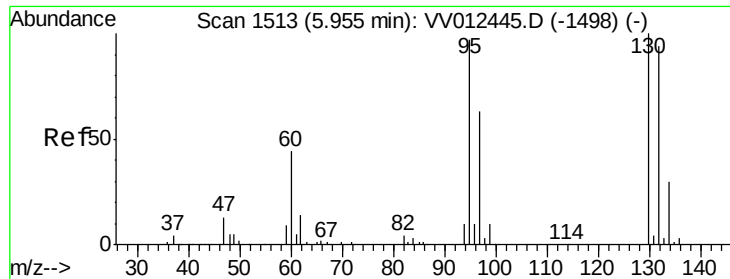


Abundance Ion 96.00 (95.70 to 96.70): VV012445.D (-874) (-)

Ion 61.05 (60.75 to 61.75): VV012445.D (-874) (-)

Ion 68.15 (67.85 to 68.85): VV012445.D (-874) (-)





#34

Trichloroethene

Concen: 1.154 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV012455.D

Acq: 30 Aug 2019 14:15

Instrument :

MSVOA_V

ClientSampleId :

GANL7

Tgt Ion: 95 Resp: 26688

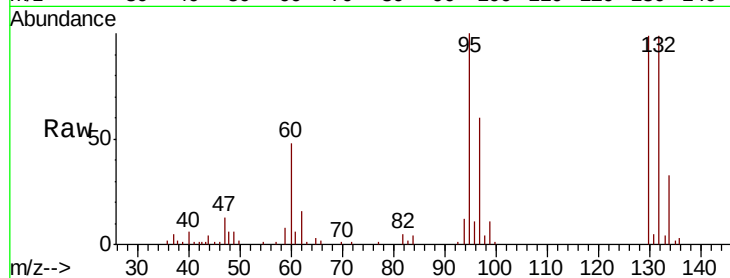
Ion Ratio Lower Upper

95 100

97 60.5 45.8 85.2

132 99.1 68.3 126.9

130 99.2 72.0 133.8

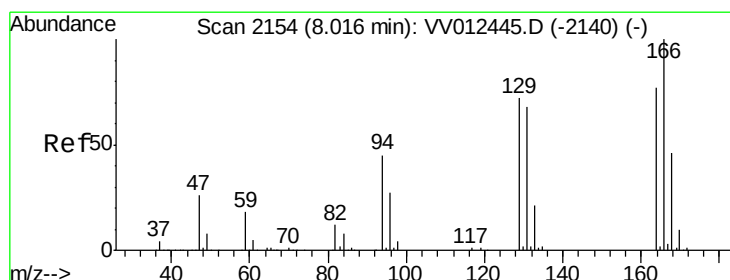
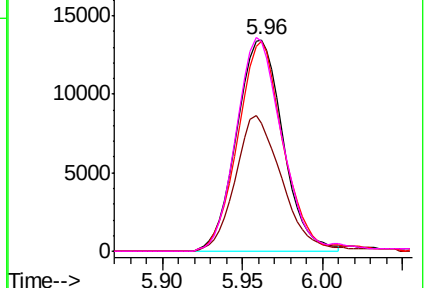
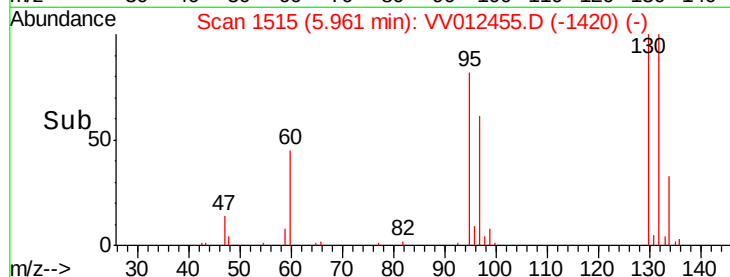


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 29.059 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012455.D

Acq: 30 Aug 2019 14:15

Tgt Ion: 164 Resp: 537807

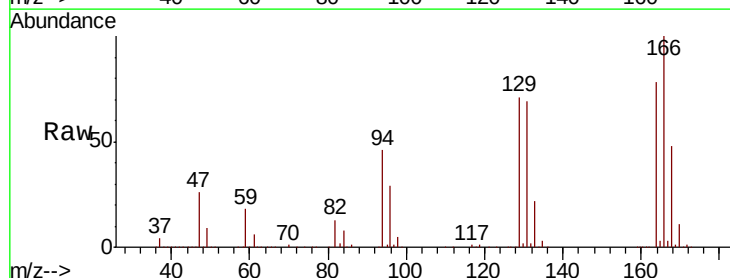
Ion Ratio Lower Upper

164 100

129 91.1 65.6 121.8

131 88.7 63.3 117.5

166 127.9 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

