

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090619\
 Data File : VV012614.D
 Acq On : 06 Sep 2019 22:39
 Operator : SY/MD
 Sample : K4685-02DL 5X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD71DL

Quant Time: Sep 07 03:41:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 07 01:06:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	150277	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	154159	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	51988	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62011	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	62446	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.13	63	100618	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	3.97	46	144340	52.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.32%
24) Chloroform-d	4.40	84	103926	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.08	65	58877	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.10	84	183447	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	62664	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	138239	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.66	79	18760	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.14	63	78076	46.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41502	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	46593	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

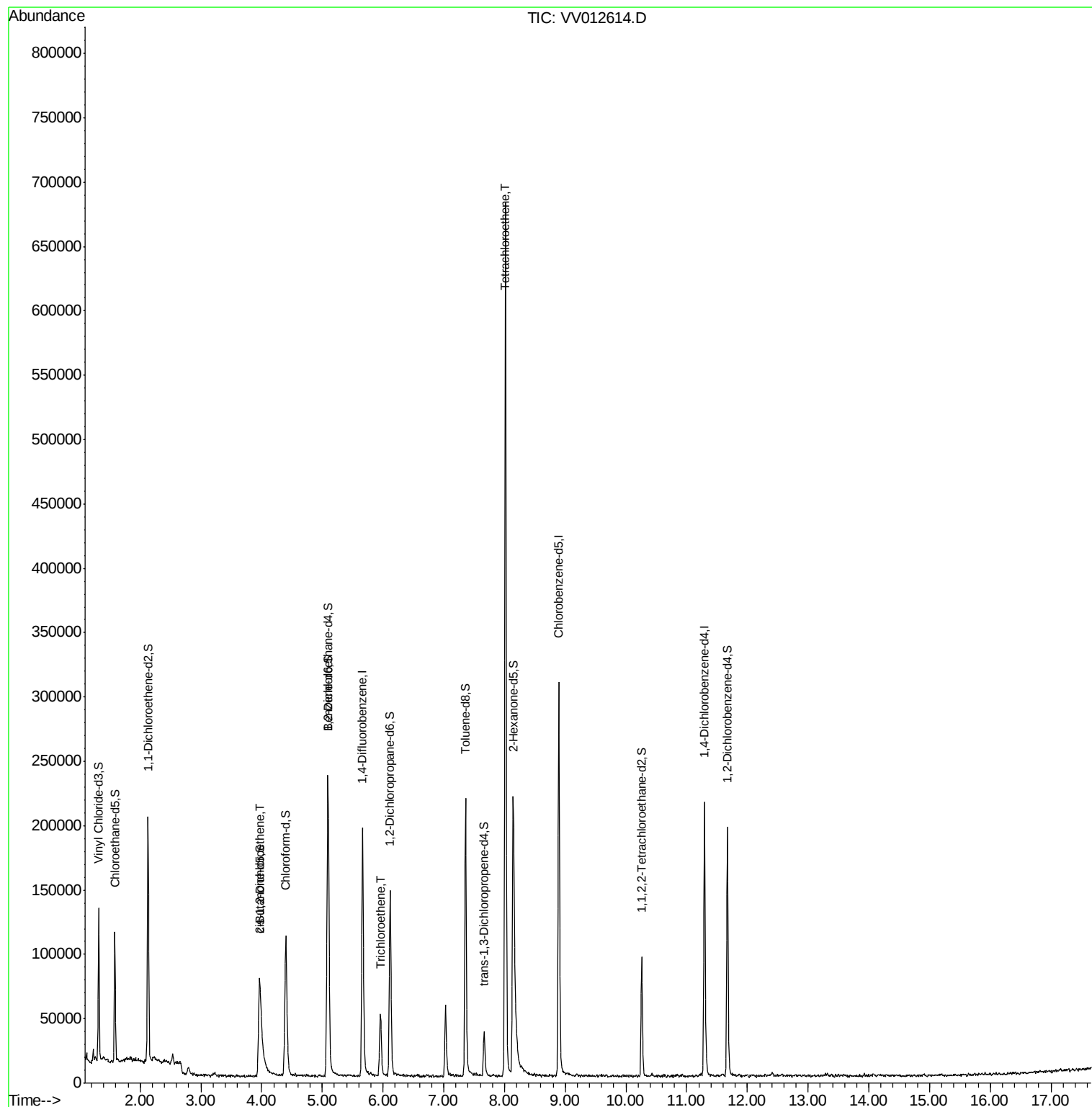
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	3.96	96	11961	0.850 ug/L	93
34) Trichloroethene	5.96	95	14785	0.951 ug/L	98
47) Tetrachloroethene	8.02	164	136671	12.059 ug/L	98

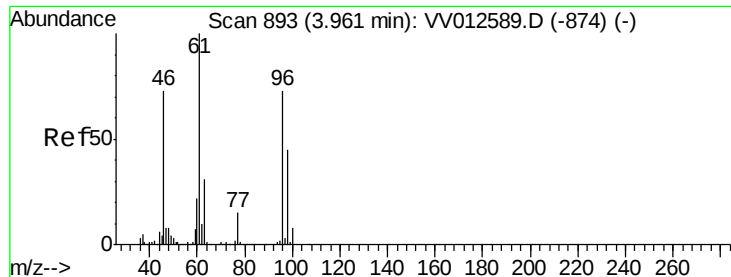
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.850 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

BFD71DL

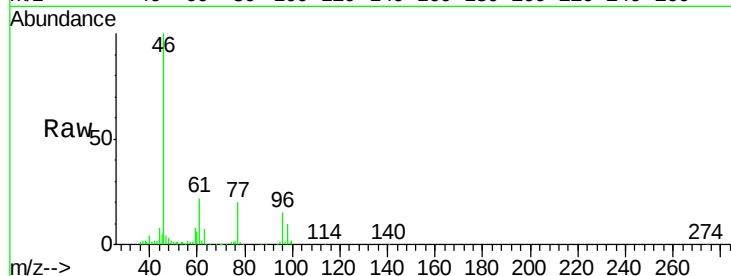
Tot Ion: 96 Resp: 11961

Ion Ratio Lower Upper

96 100

61 142.8 93.9 174.5

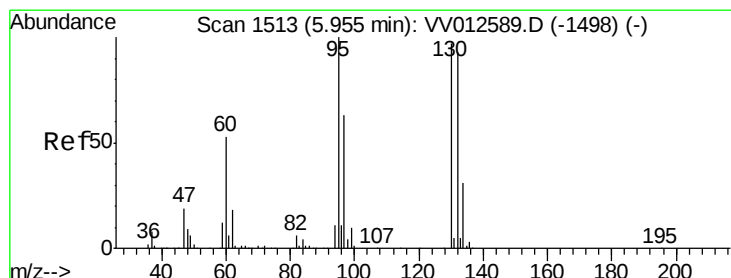
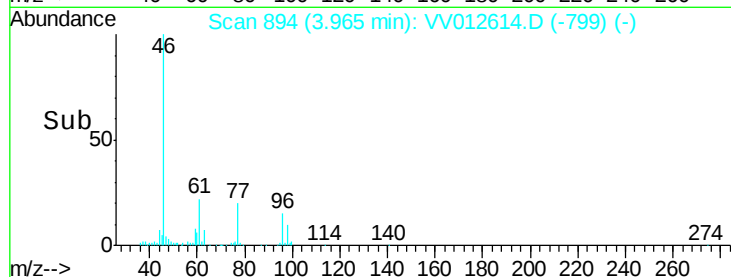
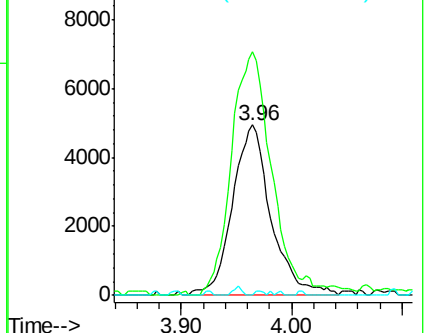
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV012589.D (-874) (-)

Ion 61.05 (60.75 to 61.75): VV012589.D (-874) (-)

Ion 68.15 (67.85 to 68.85): VV012589.D (-874) (-)



#34

Trichloroethene

Concen: 0.951 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012614.D

Acq: 06 Sep 2019 22:39

Tgt Ion: 95 Resp: 14785

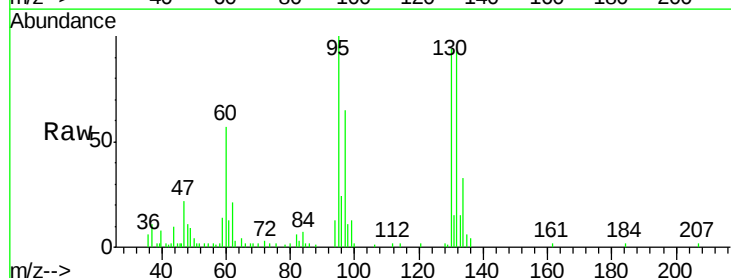
Ion Ratio Lower Upper

95 100

97 65.2 43.9 81.5

132 92.8 64.8 120.4

130 94.0 67.1 124.7

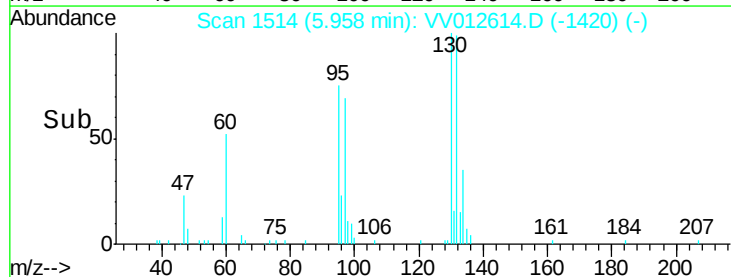
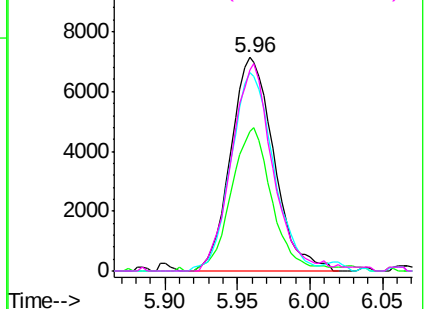


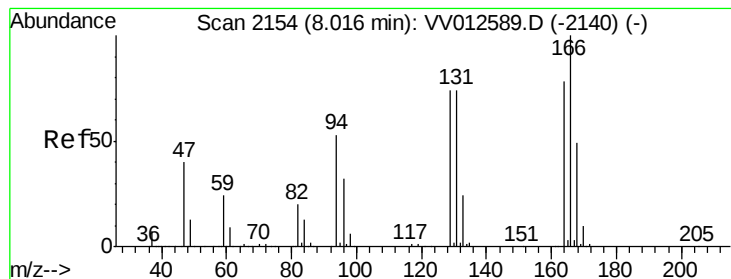
Abundance Ion 95.00 (94.70 to 95.70): VV012589.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV012589.D (-1498) (-)

Ion 131.95 (131.65 to 132.65): VV012589.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV012589.D (-1498) (-)





#47

Tetrachloroethene

Concen: 12.059 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

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Tot Ion:164 Resp: 136671

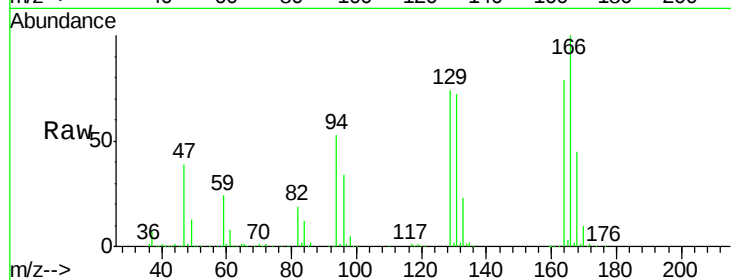
Ion Ratio Lower Upper

164 100

129 94.3 65.0 120.6

131 91.7 62.0 115.2

166 127.1 87.0 161.6



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

