

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011381.D
 Acq On : 11 Jun 2019 07:53
 Operator : SY/MD
 Sample : K3229-17
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P37

Quant Time: Jun 11 08:51:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 11 08:01:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	144977	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	136724	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55160	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36566	3.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.60%
7) Chloroethane-d5	1.55	69	34532	3.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.60%
11) 1,1-Dichloroethene-d2	2.12	63	61570	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	3.94	46	141417	57.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.36%
24) Chloroform-d	4.40	84	82829	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.08	65	49352	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.09	84	162772	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	6.12	67	51046	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.00%
41) Toluene-d8	7.36	98	139336	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	7.66	79	13895	2.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.80%
46) 2-Hexanone-d5	8.13	63	104968	51.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39962	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	50257	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

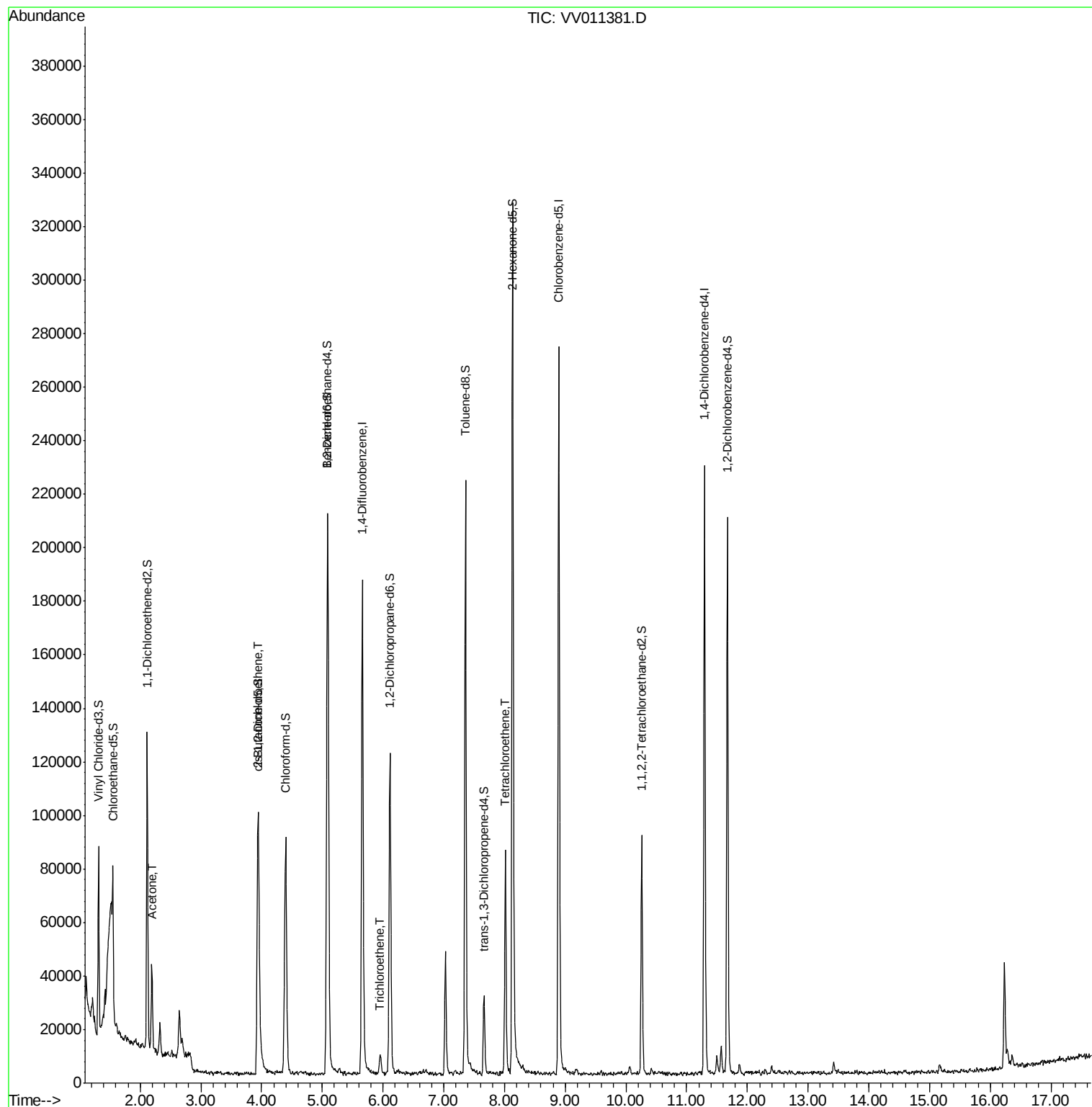
					Ovalue
13) Acetone	2.19	43	17402	10.494 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	5513	0.487 ug/L	93
34) Trichloroethene	5.96	95	1960	0.174 ug/L	92
47) Tetrachloroethene	8.02	164	16253	2.001 ug/L	95

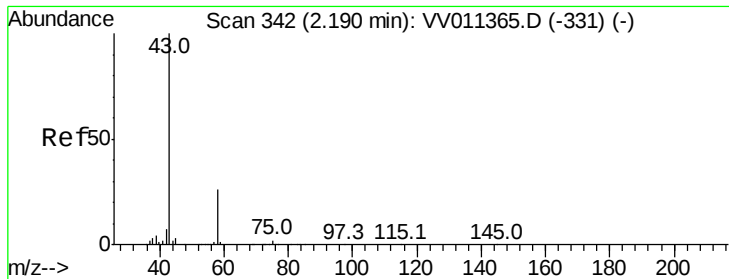
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.494 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV011381.D

Acq: 11 Jun 2019 07:53

Instrument :

MSVOA_V

ClientSampleId :

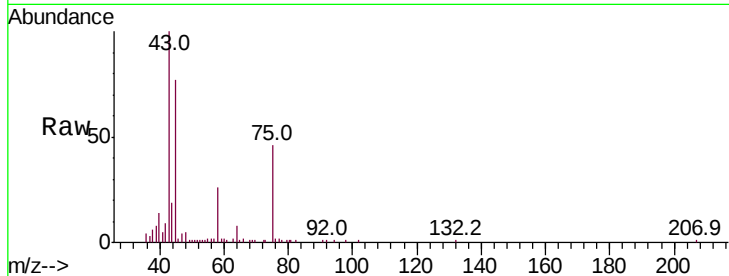
F9P37

Tot Ion: 43 Resp: 17402

Ion Ratio Lower Upper

43 100

58 25.3 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

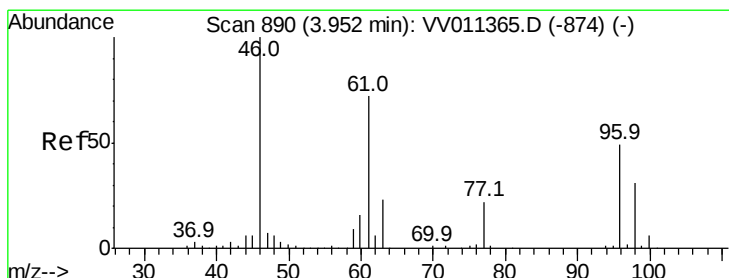
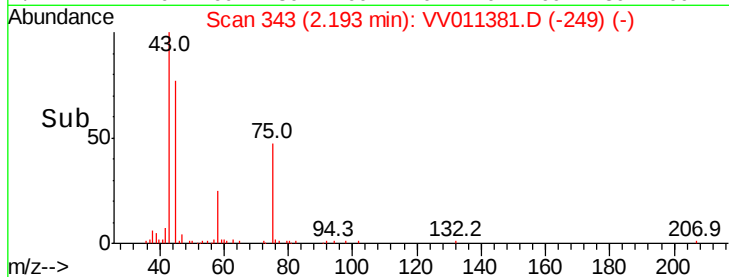
10000

5000

0

Time-->

2.15 2.20 2.25



#22

cis-1,2-Dichloroethene

Concen: 0.487 ug/L

RT: 3.96 min Scan# 891

Delta R.T. 0.00 min

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Acq: 11 Jun 2019 07:53

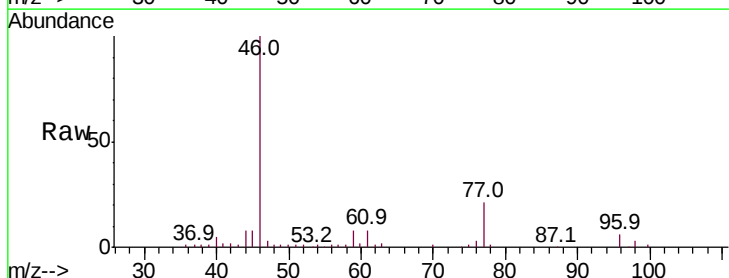
Tgt Ion: 96 Resp: 5513

Ion Ratio Lower Upper

96 100

61 134.8 100.8 187.2

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

3.96

4000

3000

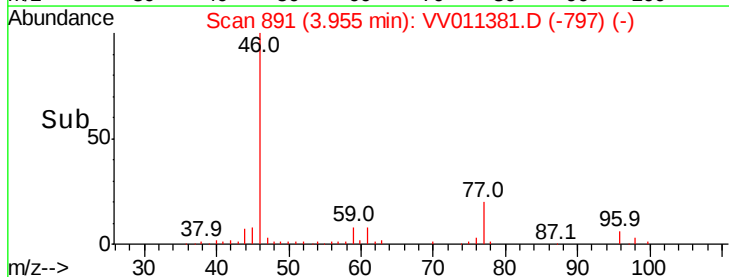
2000

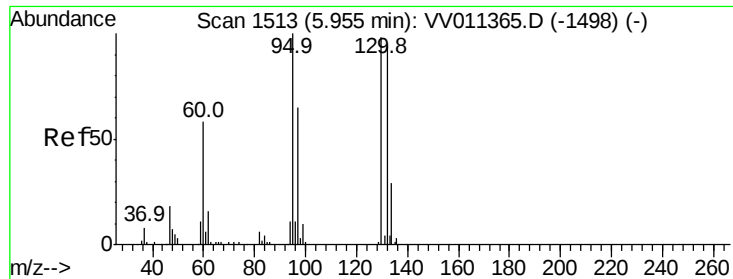
1000

0

Time-->

3.90 3.95 4.00





#34

Trichloroethene

Concen: 0.174 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011381.D

Acq: 11 Jun 2019 07:53

Instrument :

MSVOA_V

ClientSampled :

F9P37

Tot Ion: 95 Resp: 1960

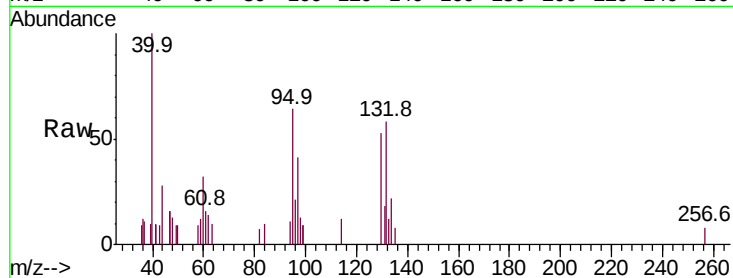
Ion Ratio Lower Upper

95 100

97 63.5 45.8 85.2

132 90.0 66.4 123.2

130 82.9 68.3 126.8

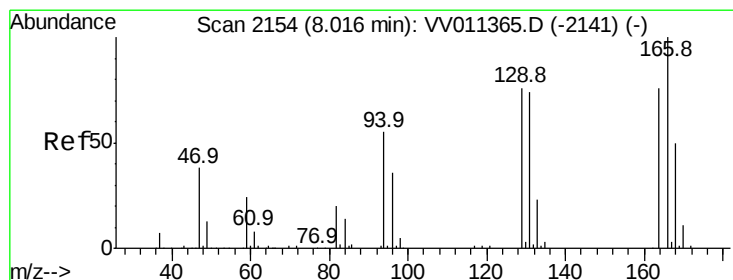
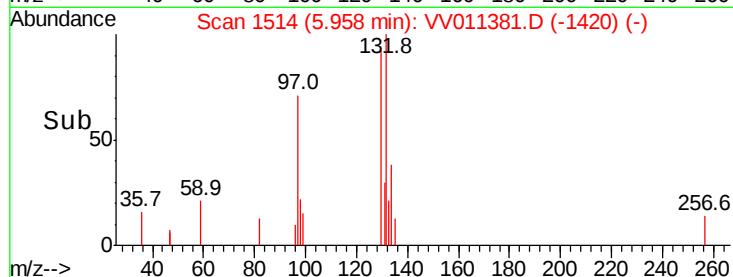
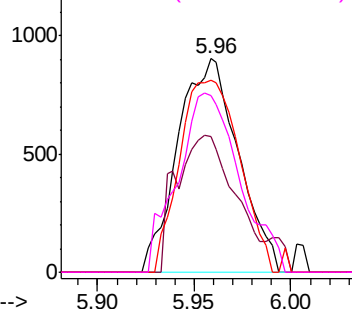


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 2.001 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

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Acq: 11 Jun 2019 07:53

Tgt Ion: 164 Resp: 16253

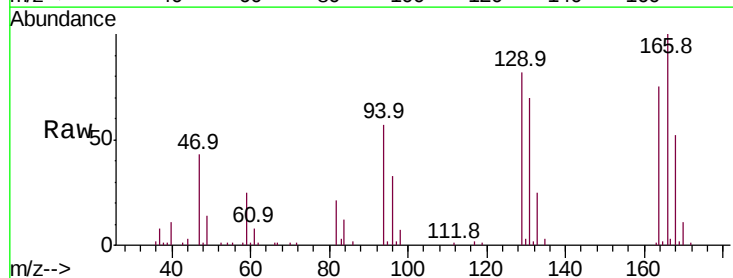
Ion Ratio Lower Upper

164 100

129 110.1 69.9 129.9

131 94.2 66.8 124.2

166 134.1 90.2 167.6



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

