

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030819\
 Data File : VV009556.D
 Acq On : 08 Mar 2019 22:56
 Operator : SY/MD
 Sample : K1818-01
 Misc : 5.44G/10ML/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Q5

Quant Time: Mar 09 03:50:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 09 01:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	116862	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	114533	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52825	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23855	16.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.84%
7) Chloroethane-d5	1.57	69	31487	15.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.92%
10) 1,1-Dichloroethene-d2	2.13	63	55519	15.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.68%
20) 2-Butanone-d5	3.94	46	28444	59.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.68%
24) Chloroform-d	4.40	84	61814	22.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.08	65	42289	26.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.80%
29) Benzene-d6	5.10	84	125286	22.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.36%
33) 1,2-Dichloropropane-d6	6.12	67	40768	24.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.40%
37) Toluene-d8	7.36	98	118712	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.88%
38) trans-1,3-Dichloropropene-	7.67	79	16551	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.60%
39) 2-Hexanone-d5	8.14	63	23440	60.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.00%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47317	26.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.08%
61) 1,2-Dichlorobenzene-d4	11.68	152	46260	23.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.96%

Target Compounds

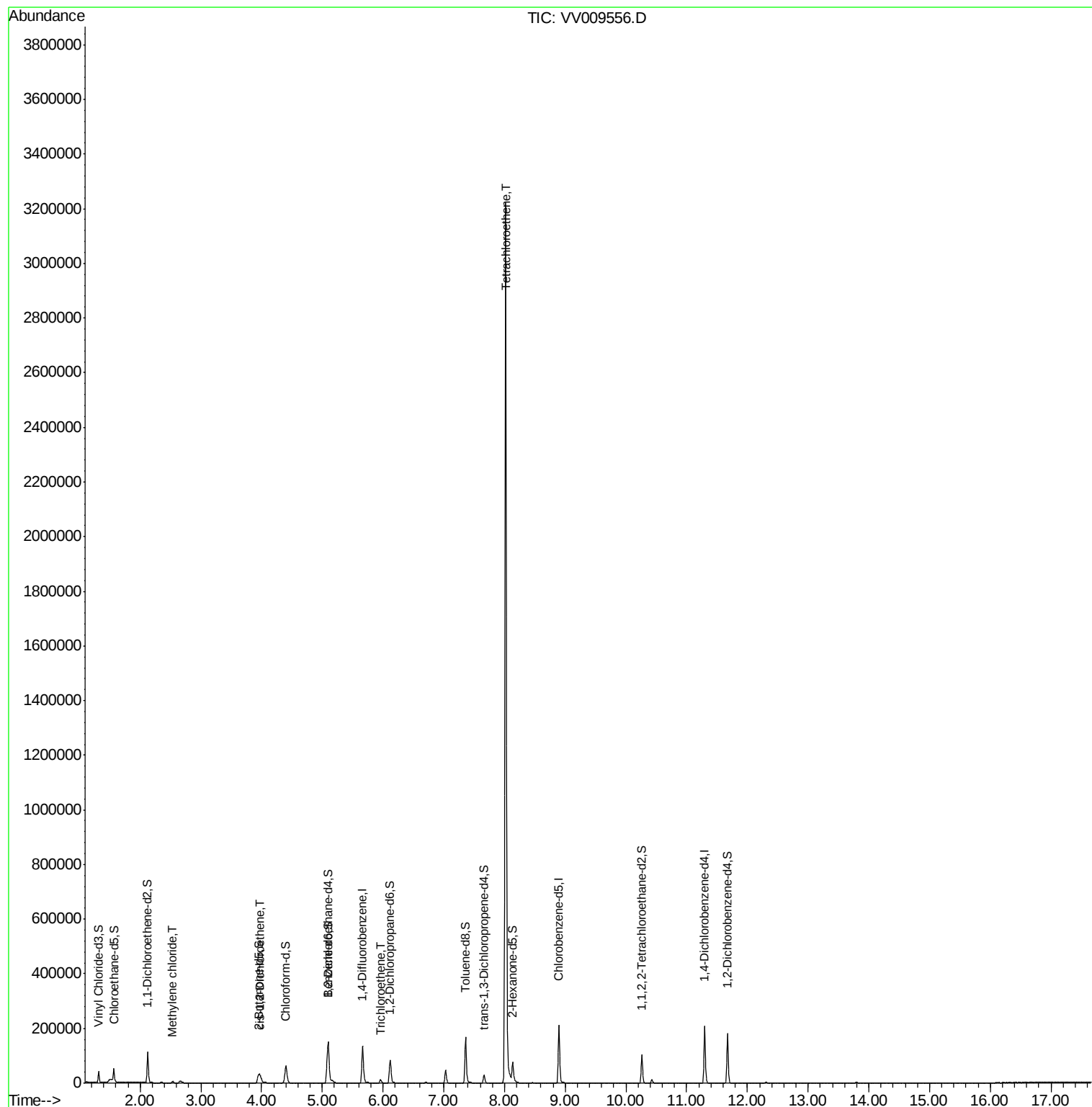
					Qvalue
16) Methylene chloride	2.53	84	2237	1.459 ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	9992	6.342 ug/L	98
35) Trichloroethene	5.96	95	3920	2.305 ug/L #	91
47) Tetrachloroethene	8.02	164	637177	493.933 ug/L	94

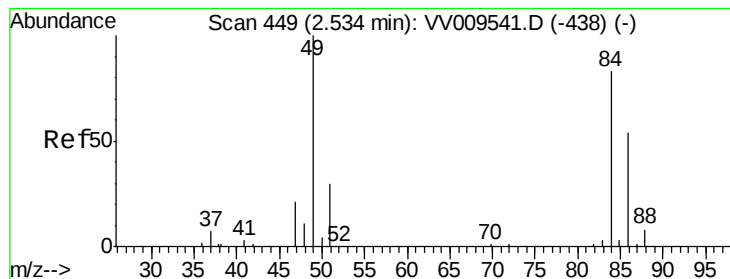
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.459 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009556.D

Acq: 08 Mar 2019 22:56

Instrument :

MSVOA_V

ClientSampled :

BF0Q5

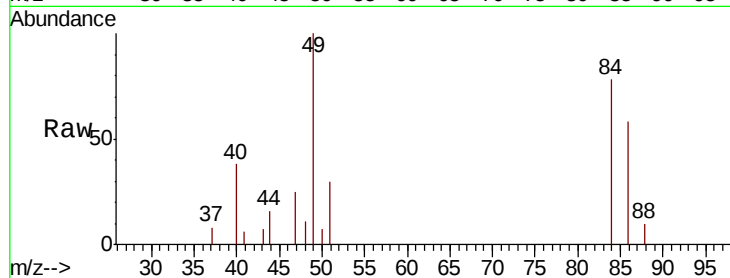
Tgt Ion: 84 Resp: 2237

Ion Ratio Lower Upper

84 100

49 128.4 84.6 157.0

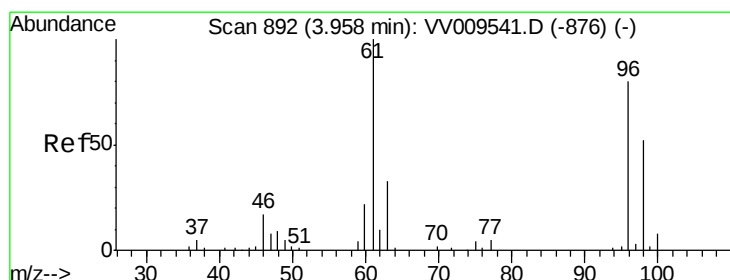
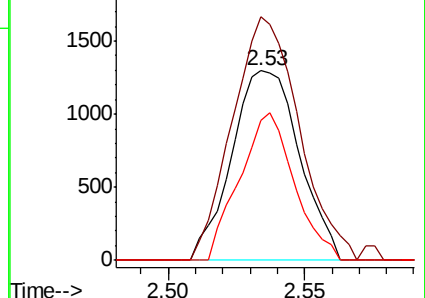
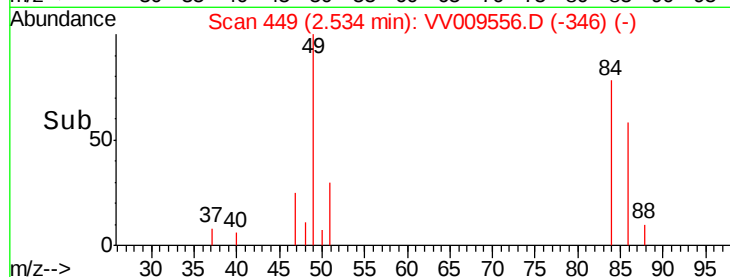
86 73.8 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009556.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009556.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009556.D (-346) (-)



#22

cis-1,2-Dichloroethene

Concen: 6.342 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV009556.D

Acq: 08 Mar 2019 22:56

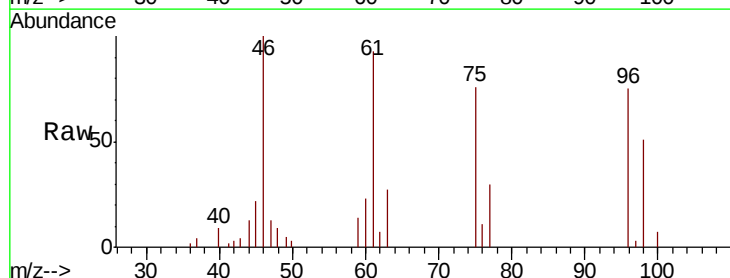
Tgt Ion: 96 Resp: 9992

Ion Ratio Lower Upper

96 100

61 123.4 87.2 161.9

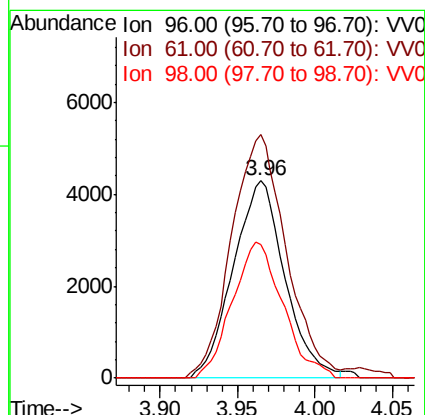
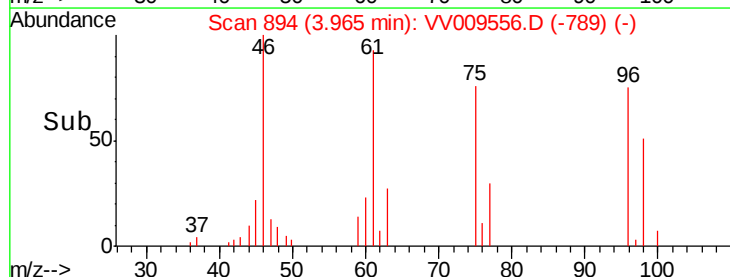
98 67.6 44.6 82.8

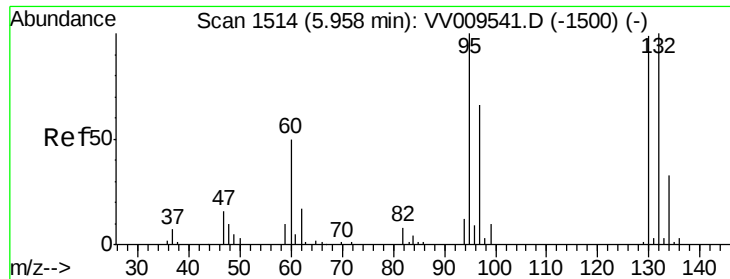


Abundance Ion 96.00 (95.70 to 96.70): VV009556.D (-789) (-)

Ion 61.00 (60.70 to 61.70): VV009556.D (-789) (-)

Ion 98.00 (97.70 to 98.70): VV009556.D (-789) (-)





#35

Trichloroethene

Concen: 2.305 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV009556.D

Acq: 08 Mar 2019 22:56

Instrument :

MSVOA_V

ClientSampleId :

BF0Q5

Tgt Ion: 95 Resp: 3920

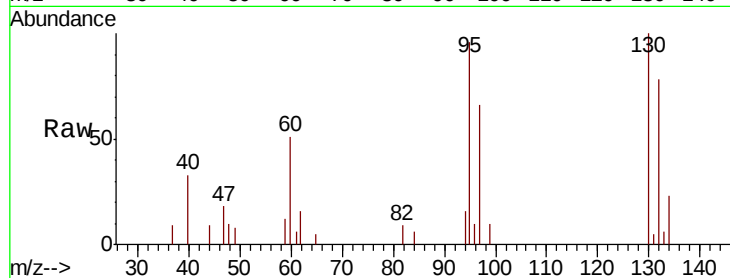
Ion Ratio Lower Upper

95 100

97 41.9 44.3 82.3#

132 88.9 64.4 119.6

130 101.9 69.4 128.8



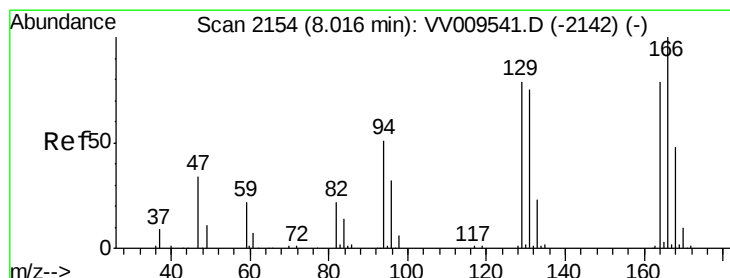
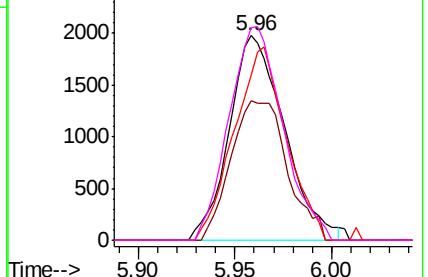
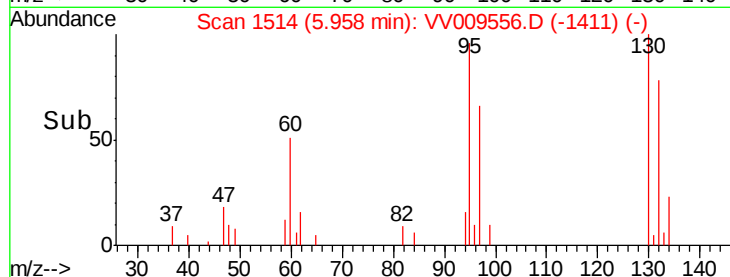
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

Time-->



#47

Tetrachloroethene

Concen: 493.933 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009556.D

Acq: 08 Mar 2019 22:56

Tgt Ion: 164 Resp: 637177

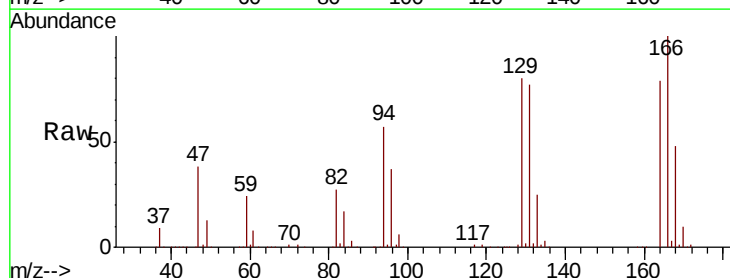
Ion Ratio Lower Upper

164 100

129 102.4 67.7 125.7

131 98.3 67.5 125.3

166 127.3 81.6 151.6



Abundance Ion 164.00 (163.70 to 164.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0

Time-->

