

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100919\
 Data File : VV013082.D
 Acq On : 09 Oct 2019 18:24
 Operator : SY/MD
 Sample : K5267-04
 Misc : 5.74G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBAT5

Quant Time: Oct 10 09:08:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 10 07:47:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	560216	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	468309	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	140537	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	129558	14.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.60%
7) Chloroethane-d5	1.58	69	129552	18.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.72%
10) 1,1-Dichloroethene-d2	2.13	63	180053	12.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.84%
20) 2-Butanone-d5	3.95	46	67341	22.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.88%
24) Chloroform-d	4.40	84	277725	18.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.20%
26) 1,2-Dichloroethane-d4	5.08	65	161212	18.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.08%
29) Benzene-d6	5.10	84	525051	20.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.32%
33) 1,2-Dichloropropane-d6	6.12	67	185600	22.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.60%
37) Toluene-d8	7.36	98	396579	16.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.84%
38) trans-1,3-Dichloropropene-	7.66	79	53516	15.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.68%
39) 2-Hexanone-d5	8.14	63	39640	24.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	114849	14.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	59.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	102165	18.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.84%#

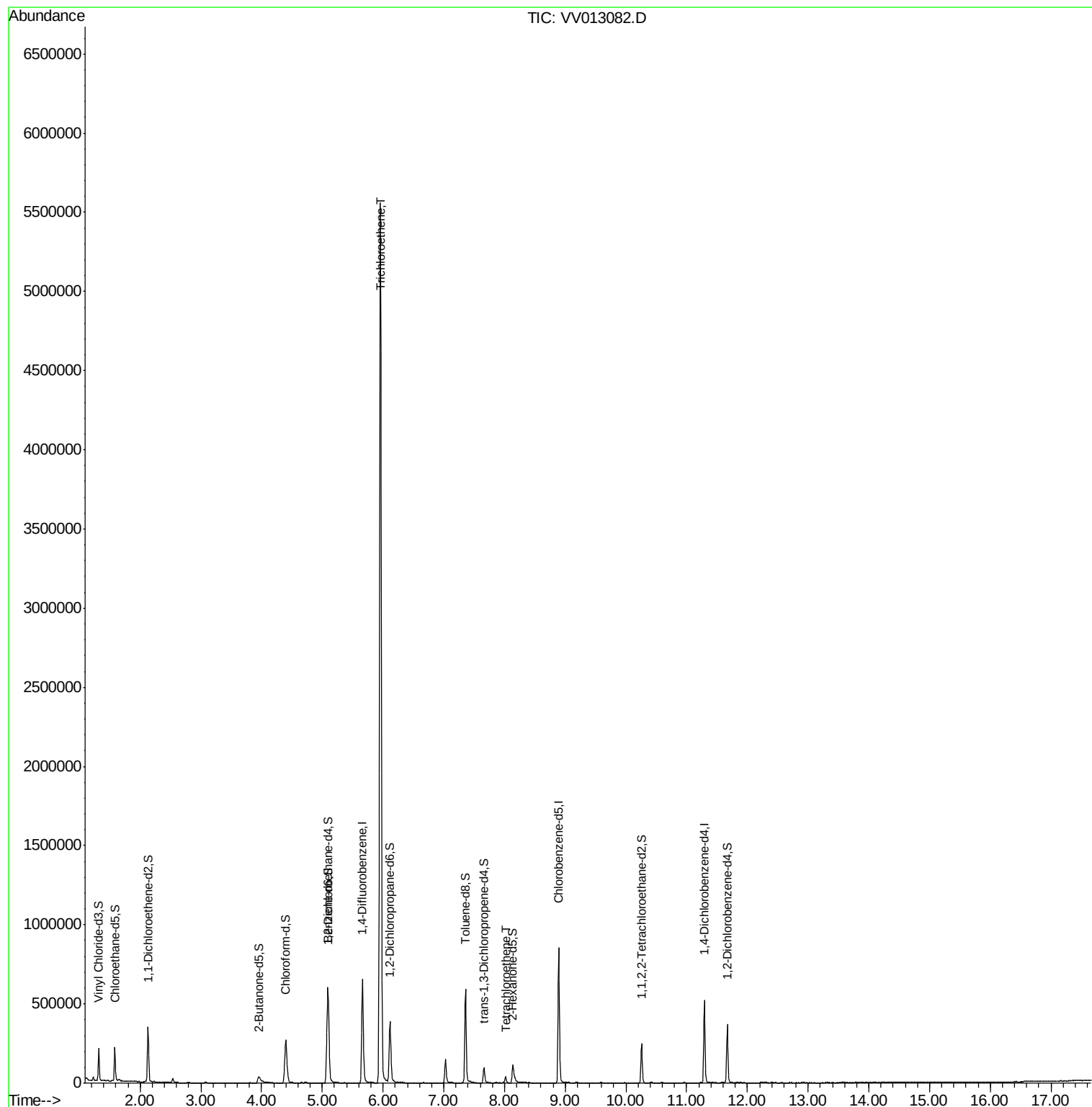
Target Compounds					Qvalue
35) Trichloroethene	5.96	95	1888096	260.006 ug/L	98
47) Tetrachloroethene	8.02	164	9309	1.577 ug/L	96

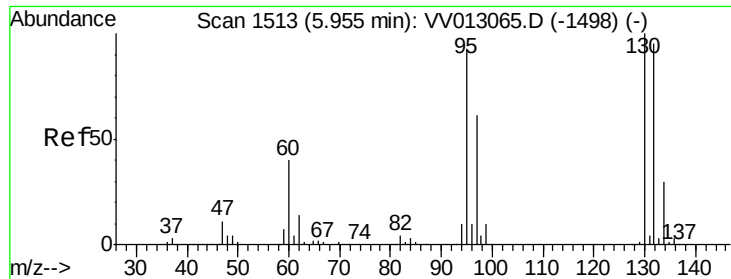
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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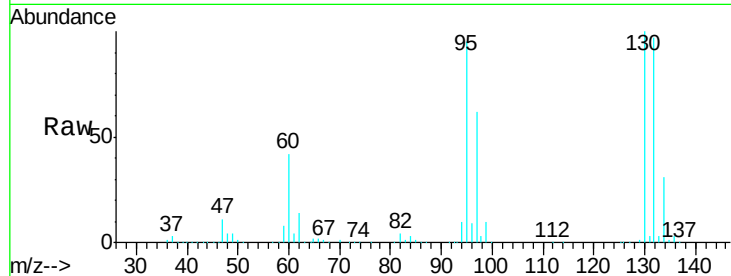




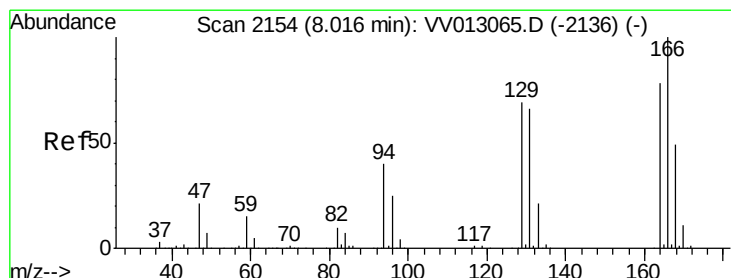
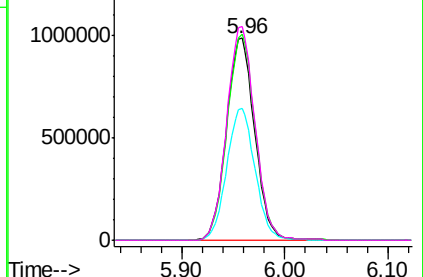
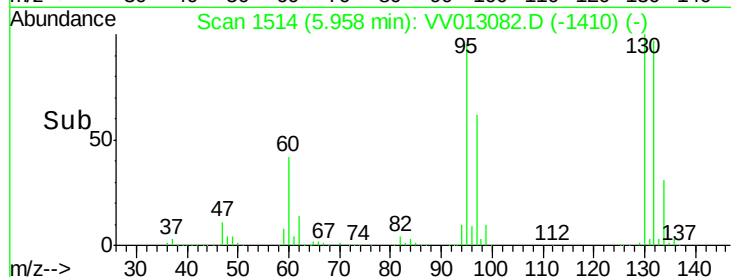
#35
 Trichloroethene
 Concen: 260.006 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV013082.D
 Acq: 09 Oct 2019 18:24

Instrument :
 MSVOA_V
 ClientSampleId :
 DBAT5

Tgt Ion: 95 Resp: 1888096
 Ion Ratio Lower Upper
 95 100
 97 65.3 44.7 82.9
 132 101.8 70.1 130.1
 130 105.9 73.3 136.1

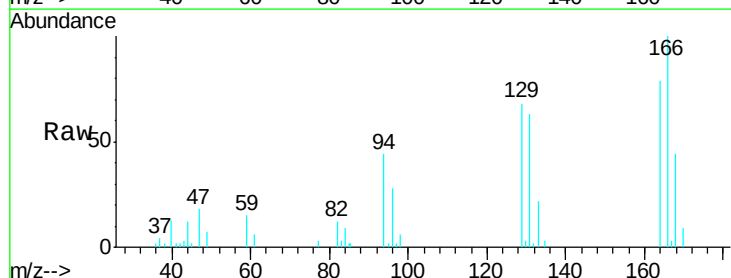


Abundance Ion 95.00 (94.70 to 95.70): VV013082.D (-1410) (-)
 Ion 97.00 (96.70 to 97.70): VV013082.D (-1410) (-)
 Ion 132.00 (131.70 to 132.70): VV013082.D (-1410) (-)
 Ion 130.00 (129.70 to 130.70): VV013082.D (-1410) (-)



#47
 Tetrachloroethene
 Concen: 1.577 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV013082.D
 Acq: 09 Oct 2019 18:24

Tgt Ion: 164 Resp: 9309
 Ion Ratio Lower Upper
 164 100
 129 85.8 62.8 116.6
 131 79.4 60.2 111.8
 166 125.8 89.4 166.0



Abundance Ion 164.00 (163.70 to 164.70): VV013082.D (-2051) (-)
 Ion 129.00 (128.70 to 129.70): VV013082.D (-2051) (-)
 Ion 131.00 (130.70 to 131.70): VV013082.D (-2051) (-)
 Ion 166.00 (165.70 to 166.70): VV013082.D (-2051) (-)

