

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101019\
 Data File : VV013100.D
 Acq On : 10 Oct 2019 19:24
 Operator : SY/MD
 Sample : K5265-08
 Misc : 6.45G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBAR7

Quant Time: Oct 11 08:29:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 11 07:31:01 2019
 Response via : Initial Calibration

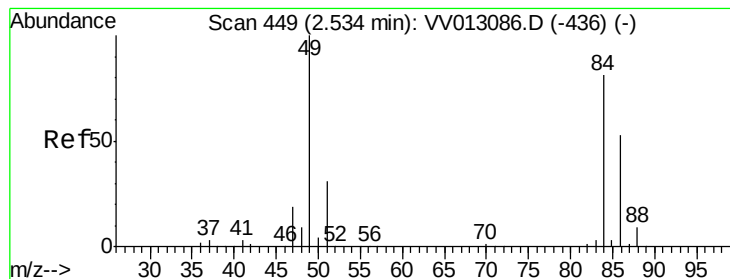
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	706375	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	700195	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	319829	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	162346	14.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.24%
7) Chloroethane-d5	1.58	69	165969	18.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.92%
10) 1,1-Dichloroethene-d2	2.13	63	234992	12.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.56%
20) 2-Butanone-d5	3.96	46	108783	28.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.50%
24) Chloroform-d	4.40	84	380258	19.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.08	65	205135	18.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.76%
29) Benzene-d6	5.10	84	740417	18.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.76%
33) 1,2-Dichloropropane-d6	6.12	67	247642	20.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.84%
37) Toluene-d8	7.36	98	644032	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.60%
38) trans-1,3-Dichloropropene-	7.66	79	84443	16.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.08%
39) 2-Hexanone-d5	8.13	63	70637	28.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	193617	16.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	264102	21.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.00%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	15232	1.443 ug/L	97
35) Trichloroethene	5.96	95	83662	7.705 ug/L	98

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



#16

Methvlene chloride

Concen: 1.443 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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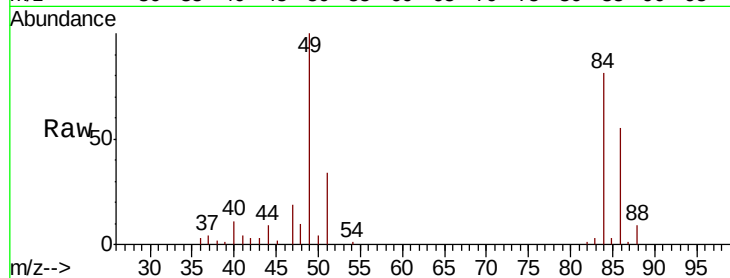
Tot Ion: 84 Resp: 15232

Ion Ratio Lower Upper

84 100

49 124.1 88.3 164.1

86 68.2 44.9 83.3

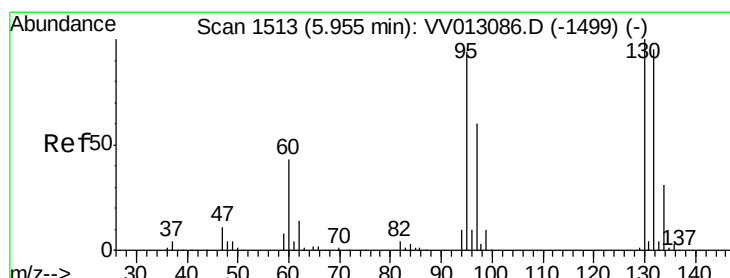
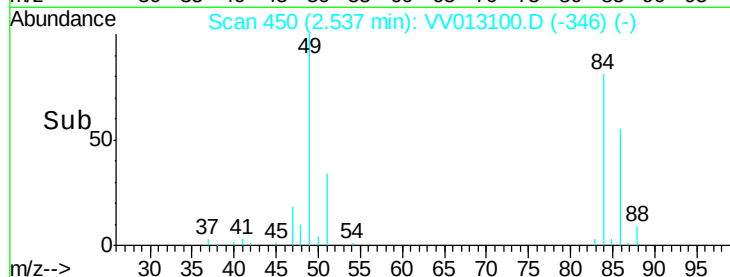
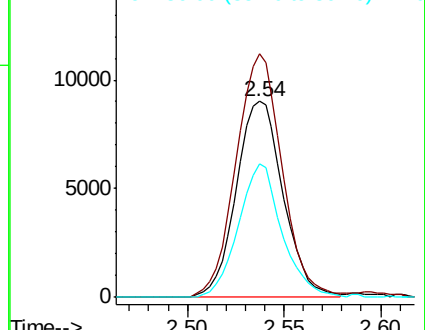


Abundance

Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0



#35

Trichloroethene

Concen: 7.705 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 83662

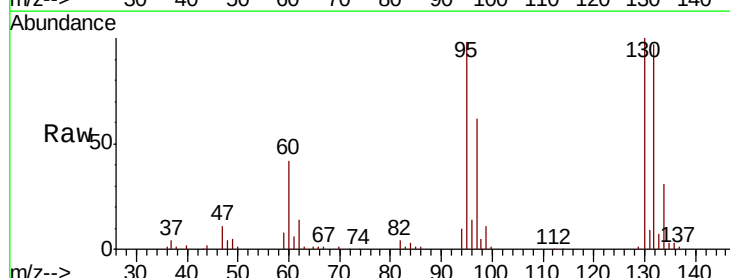
Ion Ratio Lower Upper

95 100

97 63.7 44.7 82.9

132 98.5 70.1 130.1

130 101.6 73.3 136.1



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

