

Data File : VV013101.D
Acq On : 10 Oct 2019 19:51
Operator : SY/MD
Sample : K5265-09
Misc : 7.083G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBAR8

Quant Time: Oct 11 07:35:51 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	691181	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	697979	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	316441	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	169917	15.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.36%
7) Chloroethane-d5	1.58	69	172527	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.60%
10) 1,1-Dichloroethene-d2	2.13	63	248390	13.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.72%
20) 2-Butanone-d5	3.96	46	125202	33.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.62%
24) Chloroform-d	4.40	84	409452	21.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.24%
26) 1,2-Dichloroethane-d4	5.08	65	223783	20.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.12%
29) Benzene-d6	5.10	84	793649	20.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.48%
33) 1,2-Dichloropropane-d6	6.11	67	264662	21.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.68%
37) Toluene-d8	7.36	98	682024	19.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.12%
38) trans-1,3-Dichloropropene-	7.66	79	90680	17.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.12%
39) 2-Hexanone-d5	8.14	63	82850	33.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.42%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	213173	18.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	276308	22.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.88%

Target Compounds

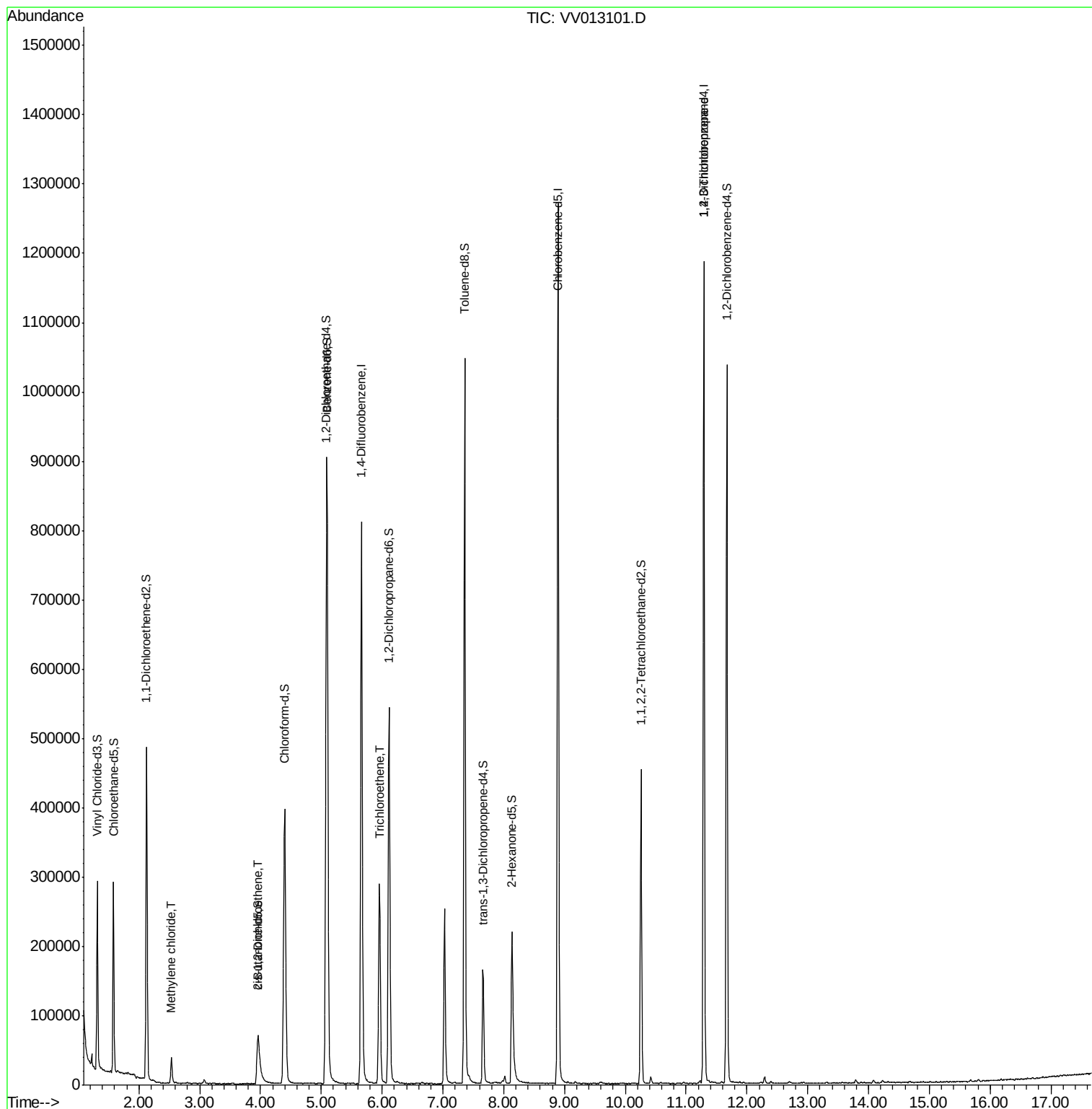
					Qvalue
16) Methylene chloride	2.53	84	15265	1.478 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	8266	0.817 ug/L	95
35) Trichloroethene	5.96	95	95470	8.821 ug/L	99
59) 1,2,3-Trichloropropane	11.29	75	34889	3.984 ug/L	91

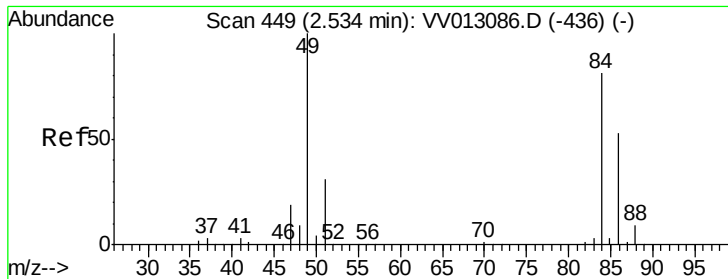
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV013101.D
Acq On : 10 Oct 2019 19:51
Operator : SY/MD
Sample : K5265-09
Misc : 7.083G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBAR8

Quant Time: Oct 11 07:35:51 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

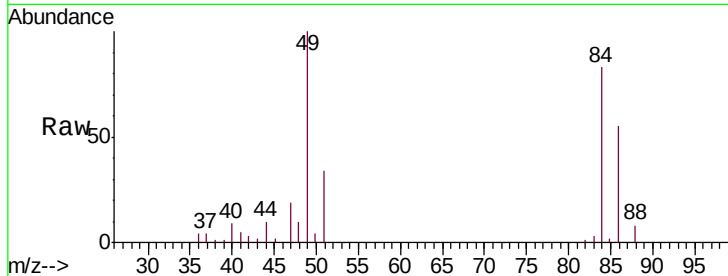




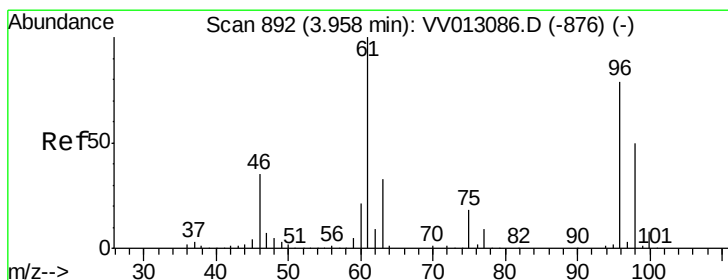
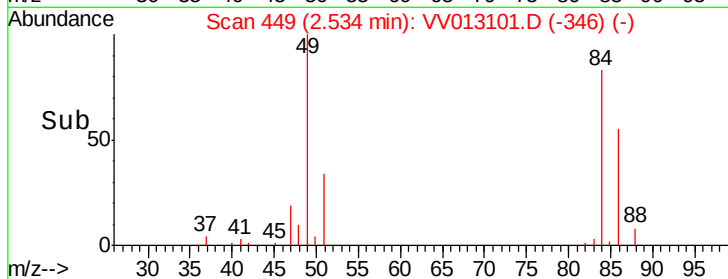
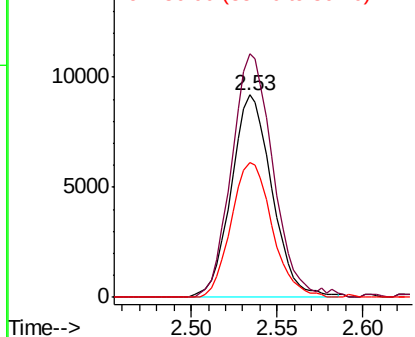
#16
Methylene chloride
Concen: 1.478 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013101.D
Acq: 10 Oct 2019 19:51

Instrument :
MSVOA_V
ClientSampleId :
DBAR8

Tgt Ion: 84 Resp: 15265
Ion Ratio Lower Upper
84 100
49 120.2 88.3 164.1
86 66.3 44.9 83.3

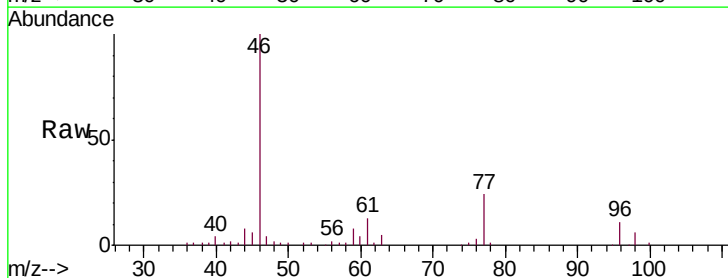


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

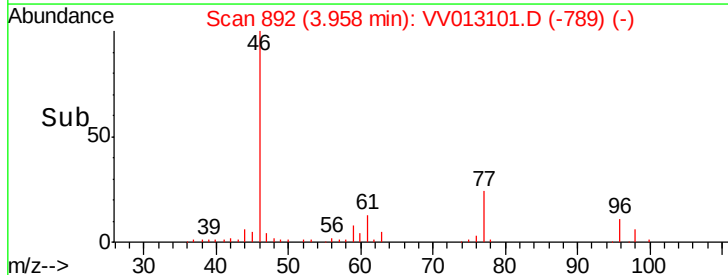
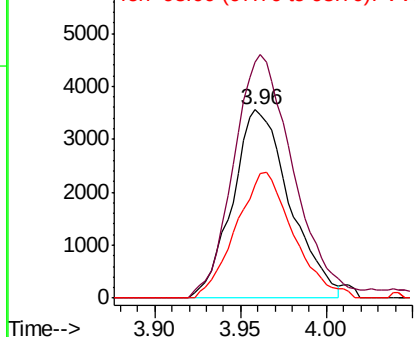


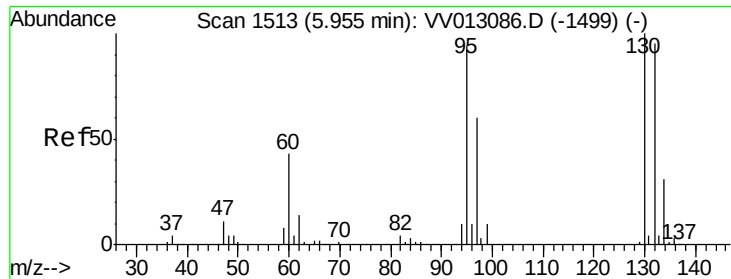
#22
cis-1,2-Dichloroethene
Concen: 0.817 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013101.D
Acq: 10 Oct 2019 19:51

Tgt Ion: 96 Resp: 8266
Ion Ratio Lower Upper
96 100
61 125.1 90.9 168.7
98 60.3 45.6 84.6



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0





#35

Trichloroethene

Concen: 8.821 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013101.D

Acq: 10 Oct 2019 19:51

Instrument :

MSVOA_V

ClientSampleId :

DBAR8

Tgt Ion: 95 Resp: 95470

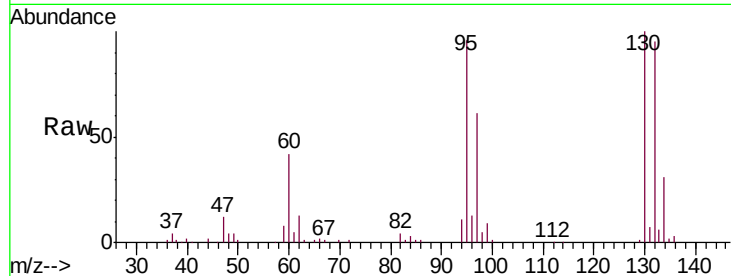
Ion Ratio Lower Upper

95 100

97 65.2 44.7 82.9

132 99.4 70.1 130.1

130 105.7 73.3 136.1

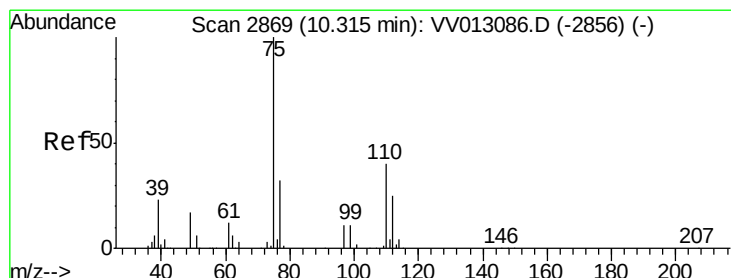
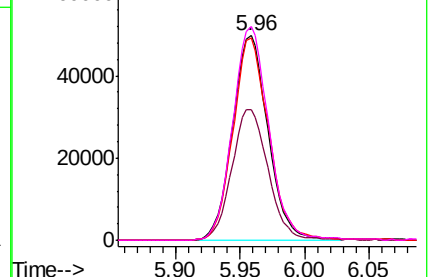
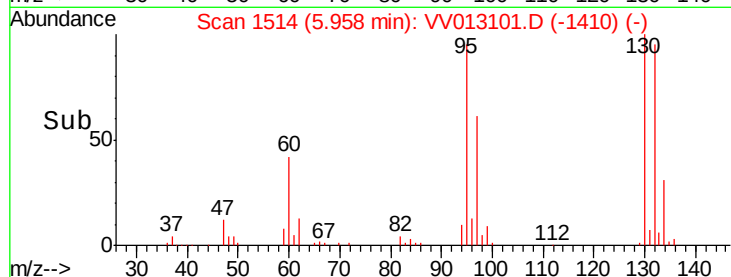


Abundance Ion 95.00 (94.70 to 95.70): VV013086.D (-1499) (-)

Ion 97.00 (96.70 to 97.70): VV013086.D (-1499) (-)

Ion 132.00 (131.70 to 132.70): VV013086.D (-1499) (-)

Ion 130.00 (129.70 to 130.70): VV013086.D (-1499) (-)



#59

1,2,3-Trichloropropane

Concen: 3.984 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.97 min

Lab File: VV013101.D

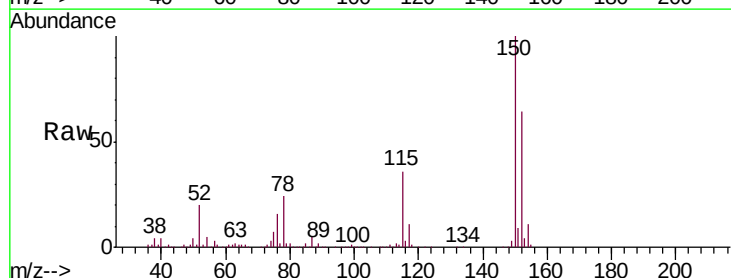
Acq: 10 Oct 2019 19:51

Tgt Ion: 75 Resp: 34889

Ion Ratio Lower Upper

75 100

77 36.5 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV013086.D (-2856) (-)

Ion 77.00 (76.70 to 77.70): VV013086.D (-2856) (-)

