

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101019\
 Data File : VV013099.D
 Acq On : 10 Oct 2019 18:56
 Operator : SY/MD
 Sample : K5265-07
 Misc : 6.68G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBAR6

Quant Time: Oct 11 08:25:11 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	636349	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	592705	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	227141	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	164238	16.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.52%
7) Chloroethane-d5	1.58	69	162283	20.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.32%
10) 1,1-Dichloroethene-d2	2.13	63	229187	13.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.84%
20) 2-Butanone-d5	3.96	46	145564	42.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.40%
24) Chloroform-d	4.40	84	370110	21.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.68%
26) 1,2-Dichloroethane-d4	5.08	65	212967	20.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.84%
29) Benzene-d6	5.10	84	711061	21.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.96%
33) 1,2-Dichloropropane-d6	6.12	67	237384	22.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.56%
37) Toluene-d8	7.36	98	585580	19.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.96%
38) trans-1,3-Dichloropropene-	7.66	79	79027	17.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.96%
39) 2-Hexanone-d5	8.13	63	88668	42.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	206652	20.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	201295	22.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.24%

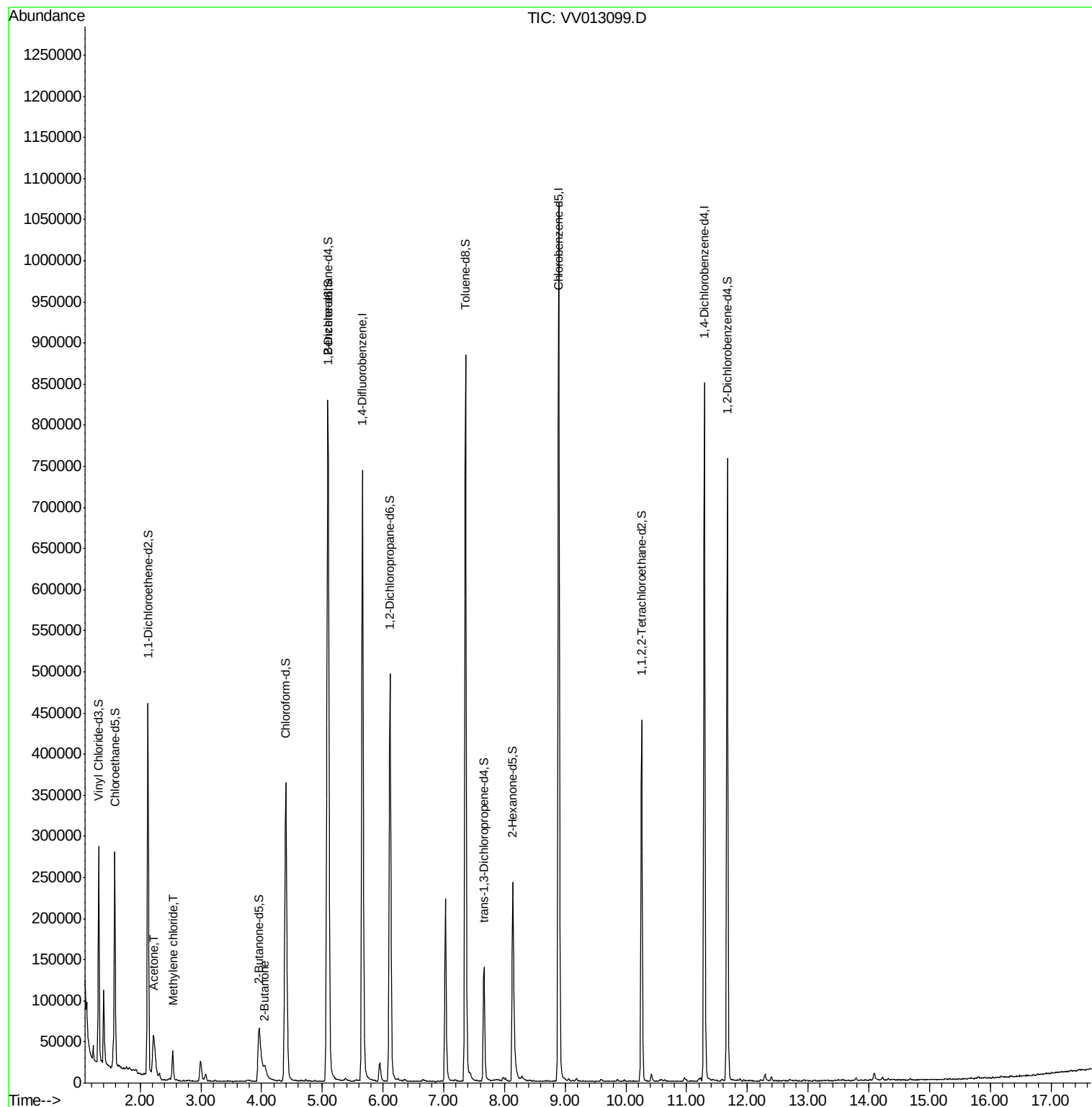
Target Compounds					Ovalue
13) Acetone	2.22	43	111196	30.688 ug/L	99
16) Methylene chloride	2.54	84	14319	1.505 ug/L	99
21) 2-Butanone	4.05	43	32129	7.619 ug/L #	70

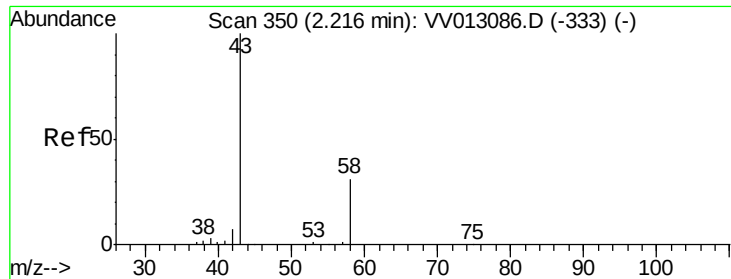
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 30.688 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.01 min

Lab File: VV013099.D

Acq: 10 Oct 2019 18:56

Instrument :

MSVOA_V

ClientSampleId :

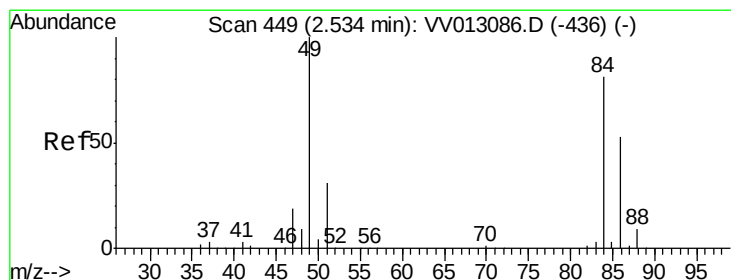
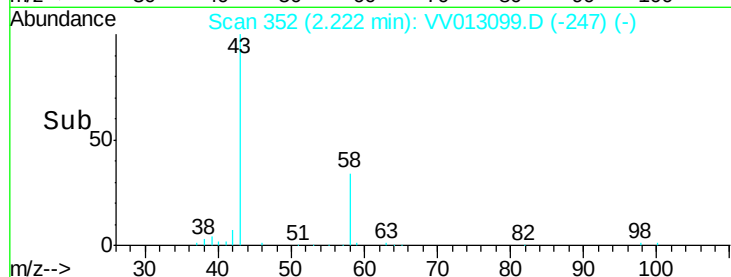
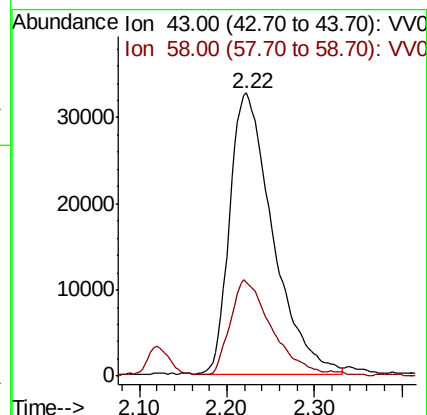
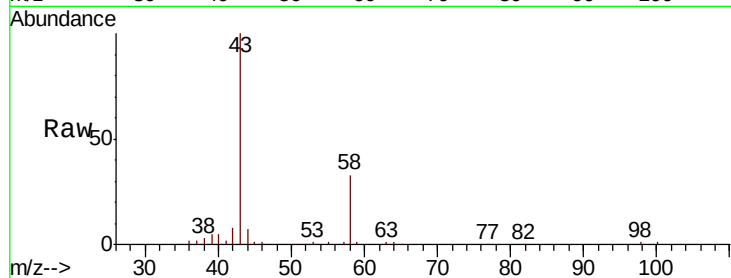
DBAR6

Tot Ion: 43 Resp: 111196

Ion Ratio Lower Upper

43 100

58 32.0 0.0 65.0



#16

Methylene chloride

Concen: 1.505 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV013099.D

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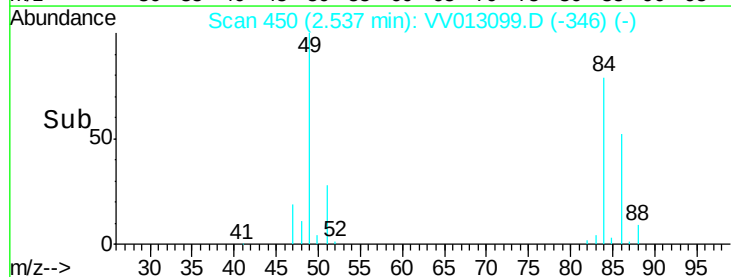
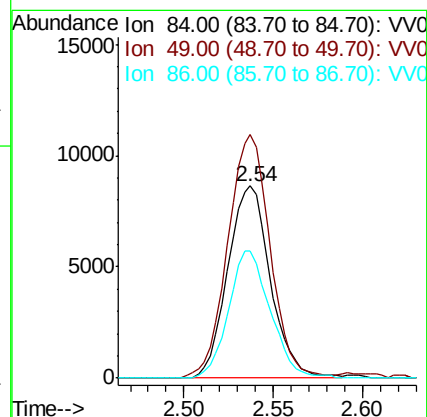
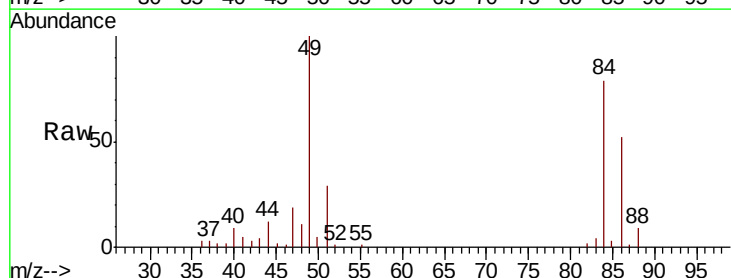
Tgt Ion: 84 Resp: 14319

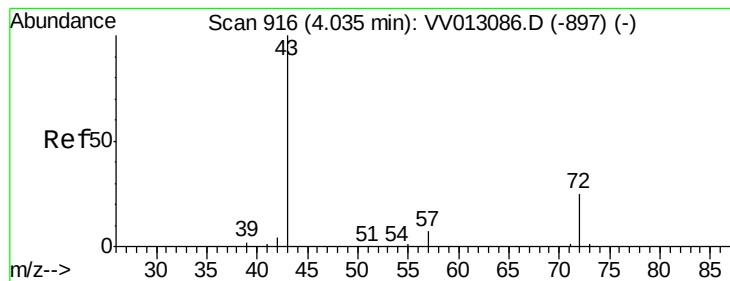
Ion Ratio Lower Upper

84 100

49 126.7 88.3 164.1

86 66.1 44.9 83.3





#21
 2-Butanone
 Concen: 7.619 ug/L
 RT: 4.05 min Scan# 922
 Delta R.T. 0.02 min
 Lab File: VV013099.D
 Acq: 10 Oct 2019 18:56

Instrument :
 MSVOA_V
 ClientSampleId :
 DBAR6

Tot Ion: 43 Resp: 32129
 Ion Ratio Lower Upper
 43 100
 72 8.9 11.9 35.9#

