

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100419\
 Data File : VV013047.D
 Acq On : 04 Oct 2019 14:41
 Operator : SY/MD
 Sample : K5202-09
 Misc : 4.35G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB3

Quant Time: Oct 04 18:52:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 04 18:24:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	675179	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	608441	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	230429	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	188060	17.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.80%
7) Chloroethane-d5	1.58	69	179625	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%
10) 1,1-Dichloroethene-d2	2.13	63	262520	15.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.28%
20) 2-Butanone-d5	3.94	46	156594	43.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.58%
24) Chloroform-d	4.40	84	412284	22.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.92%
26) 1,2-Dichloroethane-d4	5.08	65	248344	23.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.12%
29) Benzene-d6	5.10	84	814395	23.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.88%
33) 1,2-Dichloropropane-d6	6.12	67	272787	25.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.48%
37) Toluene-d8	7.36	98	674167	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.44%
38) trans-1,3-Dichloropropene-	7.66	79	91447	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.12%
39) 2-Hexanone-d5	8.13	63	100909	47.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	226229	22.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	212789	23.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.08%

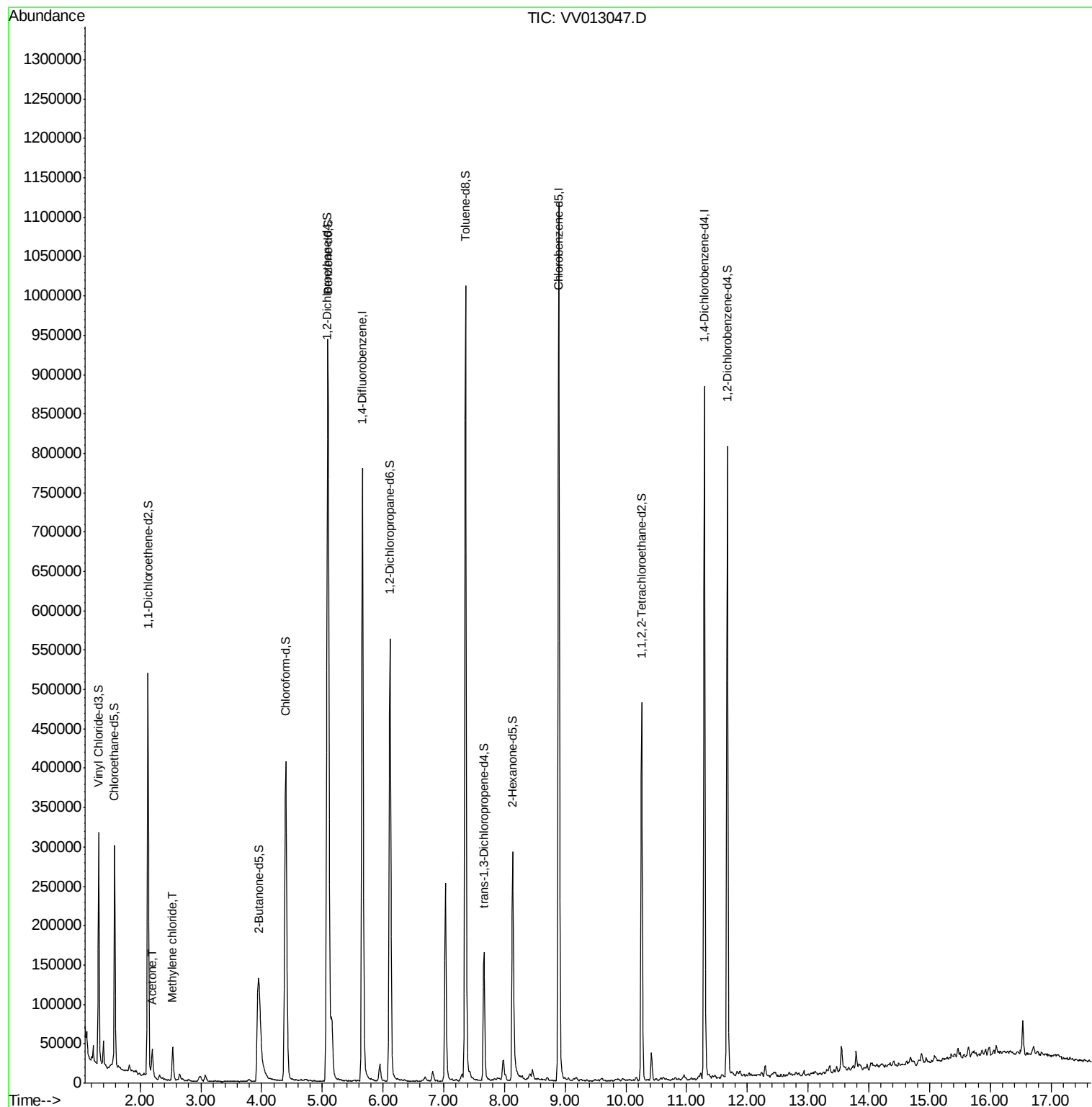
Target Compounds					Ovalue
13) Acetone	2.20	43	41320	10.748 ug/L	99
16) Methylene chloride	2.53	84	16926	1.677 ug/L	99

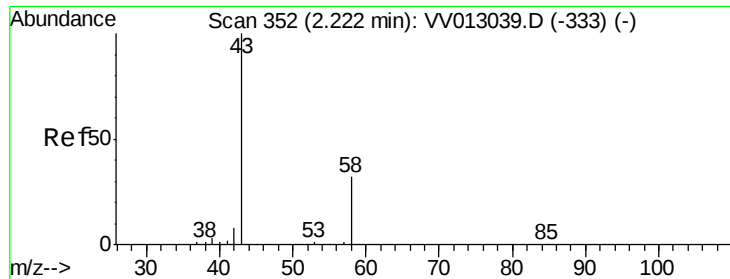
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.748 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

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Acq: 04 Oct 2019 14:41

Instrument :

MSVOA_V

ClientSampled :

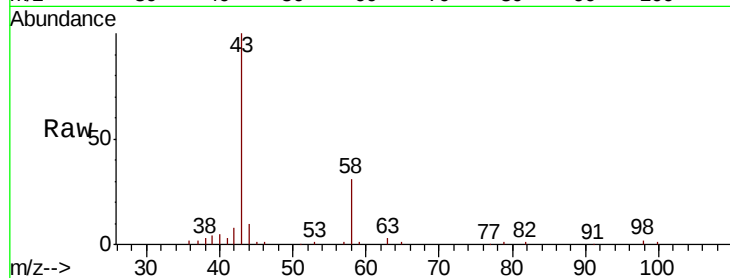
C0AB3

Tot Ion: 43 Resp: 41320

Ion Ratio Lower Upper

43 100

58 32.8 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV013039.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV013039.D (-333) (-)

25000

20000

15000

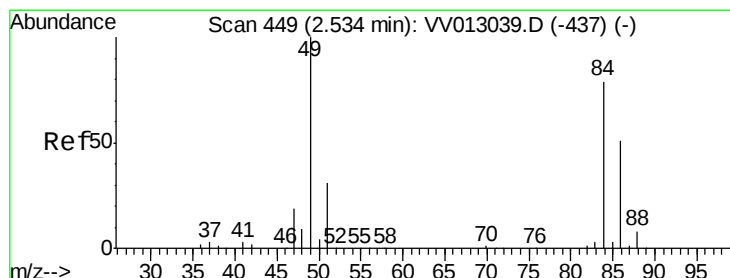
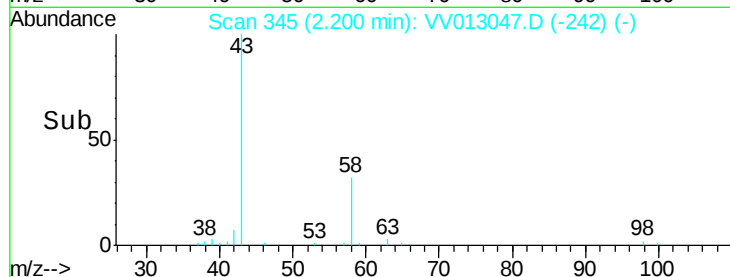
10000

5000

0

2.15 2.20 2.25 2.30

Time-->



#16

Methylene chloride

Concen: 1.677 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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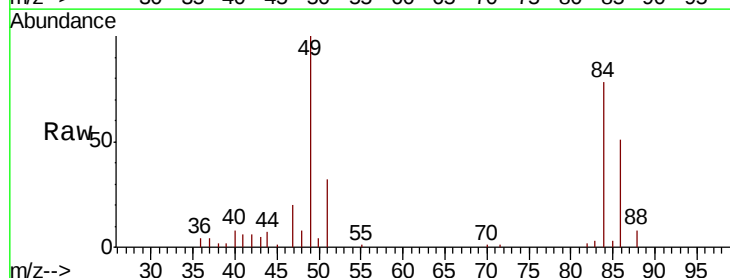
Tgt Ion: 84 Resp: 16926

Ion Ratio Lower Upper

84 100

49 127.8 88.3 164.1

86 65.2 44.9 83.3



Abundance Ion 84.00 (83.70 to 84.70): VV013039.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV013039.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV013039.D (-437) (-)

15000

10000

5000

0

2.50 2.53 2.55 2.60

Time-->

