

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100419\
 Data File : VV013046.D
 Acq On : 04 Oct 2019 14:13
 Operator : SY/MD
 Sample : K5202-08
 Misc : 5.19G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB2

Quant Time: Oct 04 18:51:22 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	643074	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	594840	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	239098	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	199925	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.16%
7) Chloroethane-d5	1.58	69	183221	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.84%
10) 1,1-Dichloroethene-d2	2.13	63	280175	16.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.56%
20) 2-Butanone-d5	3.94	46	137307	39.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.70%
24) Chloroform-d	4.40	84	427595	24.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	253236	24.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.64%
29) Benzene-d6	5.10	84	846308	25.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.92%
33) 1,2-Dichloropropane-d6	6.12	67	282261	27.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.44%
37) Toluene-d8	7.36	98	718458	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.32%
38) trans-1,3-Dichloropropene-	7.66	79	97779	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.72%
39) 2-Hexanone-d5	8.13	63	92699	44.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.50%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	238280	24.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	235164	25.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.24%

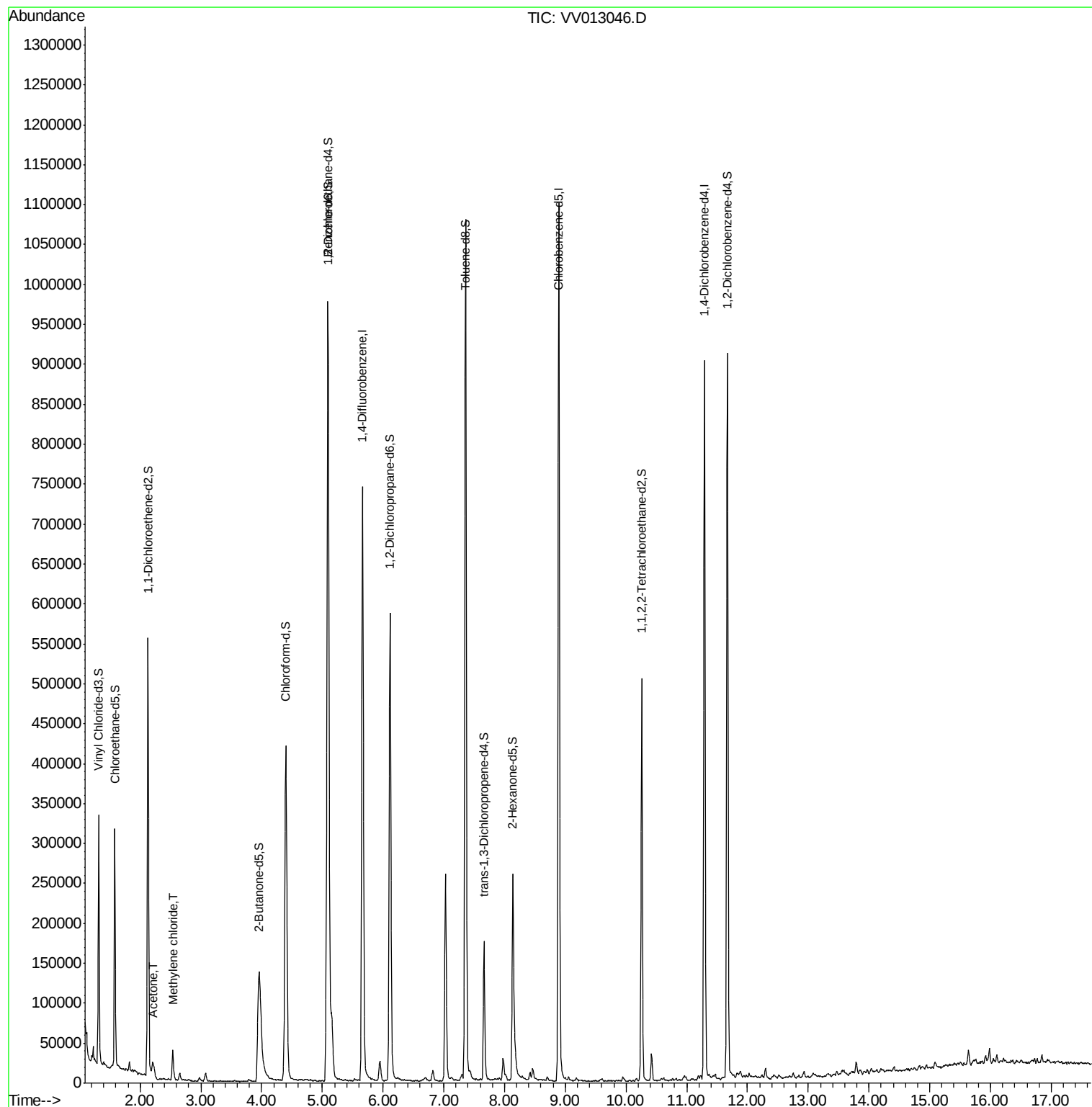
Target Compounds					Ovalue
13) Acetone	2.20	43	23877	6.521 ug/L	99
16) Methylene chloride	2.54	84	14688	1.528 ug/L	97

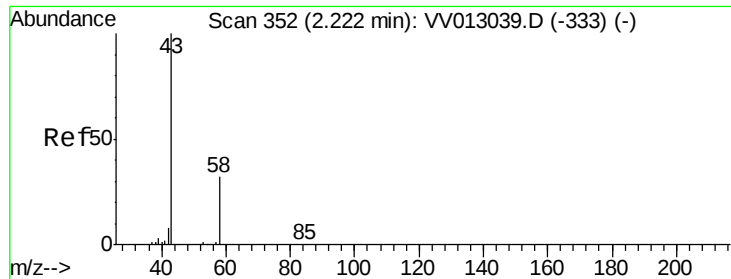
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.521 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

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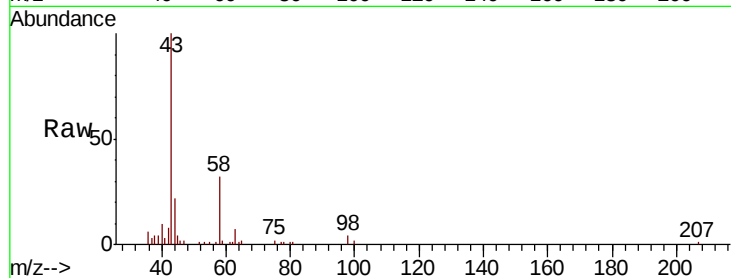
C0AB2

Tot Ion: 43 Resp: 23877

Ion Ratio Lower Upper

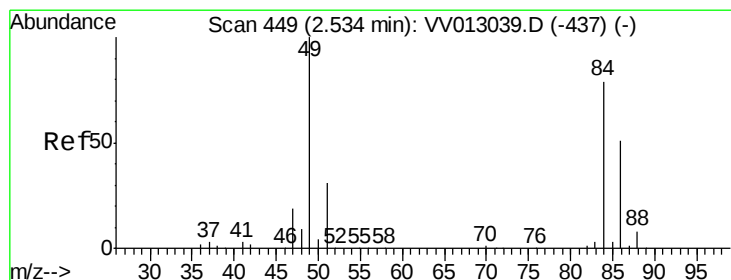
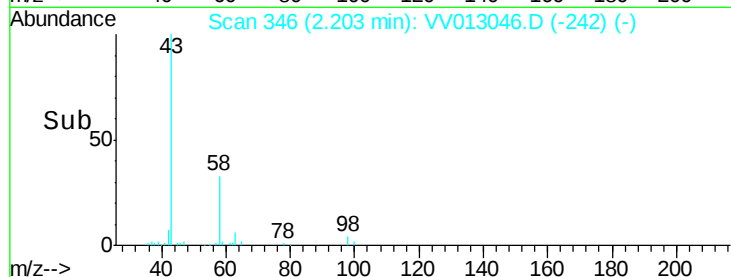
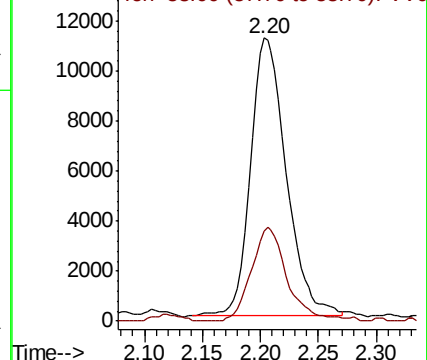
43 100

58 33.2 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 1.528 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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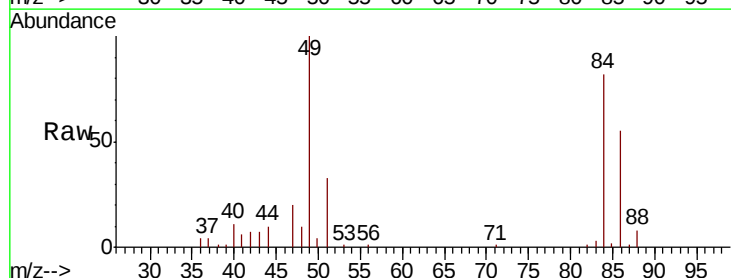
Tgt Ion: 84 Resp: 14688

Ion Ratio Lower Upper

84 100

49 122.3 88.3 164.1

86 66.8 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

