

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010419\
 Data File : VV009176.D
 Acq On : 04 Jan 2019 23:36
 Operator : SY/MD
 Sample : K1051-09
 Misc : 7.18 G/10ML/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9X7

Quant Time: Jan 05 06:11:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	202237	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184756	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92287	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26377	19.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.28%
7) Chloroethane-d5	1.58	69	29841	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.96%
10) 1,1-Dichloroethene-d2	2.13	63	65529	14.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.68%
20) 2-Butanone-d5	3.96	46	33279	34.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.40%
24) Chloroform-d	4.40	84	95477	22.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	5.08	65	54378	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.48%
29) Benzene-d6	5.10	84	185453	22.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.12%
33) 1,2-Dichloropropane-d6	6.12	67	56464	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.68%
37) Toluene-d8	7.36	98	166782	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.92%
38) trans-1,3-Dichloropropene-	7.67	79	23465	20.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.80%
39) 2-Hexanone-d5	8.14	63	20031	35.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56796	21.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.60%
61) 1,2-Dichlorobenzene-d4	11.68	152	72844	23.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.40%

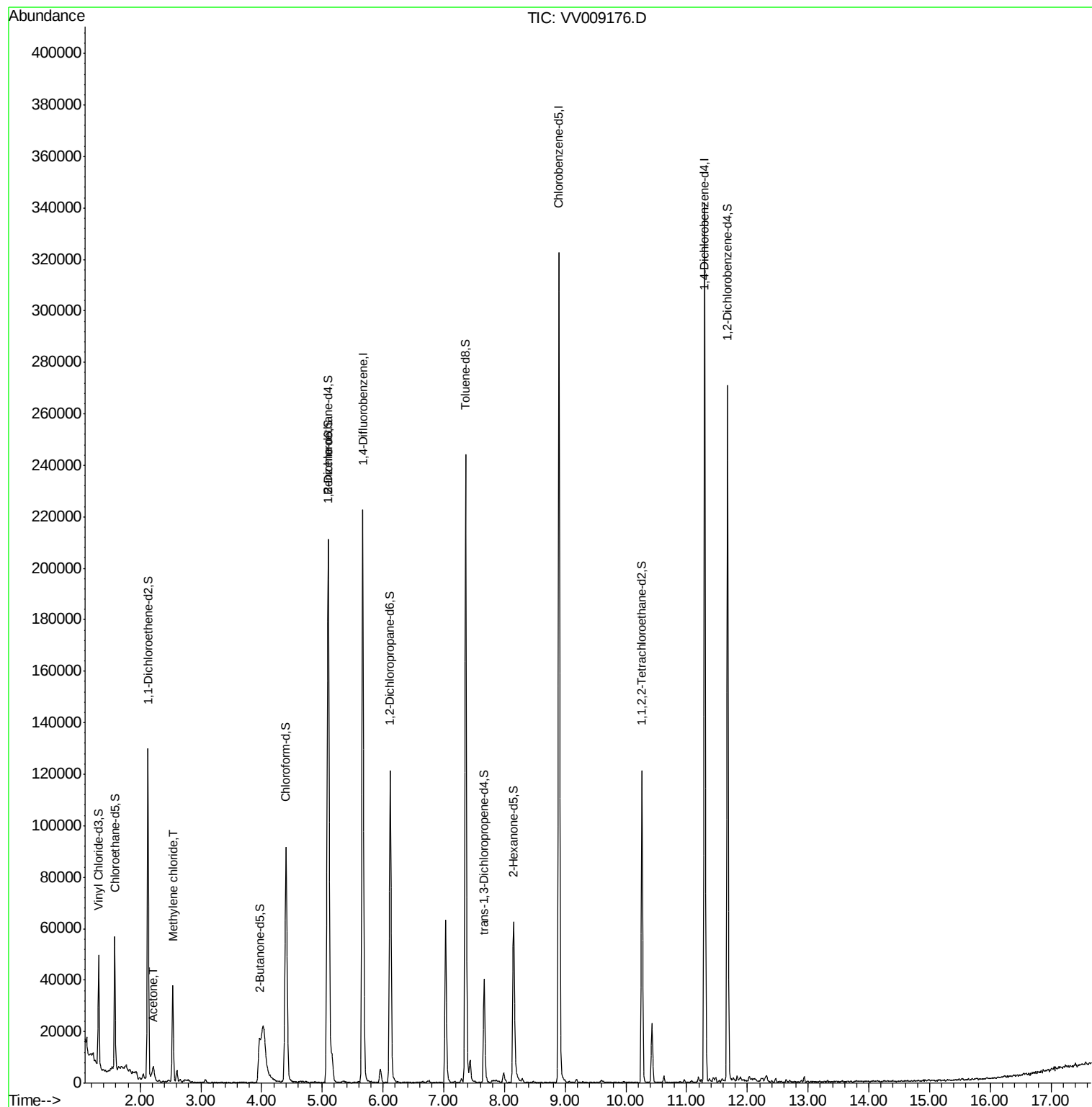
Target Compounds					Ovalue
13) Acetone	2.22	43	9509	6.895 ug/L	98
16) Methylene chloride	2.54	84	15896	5.261 ug/L	98

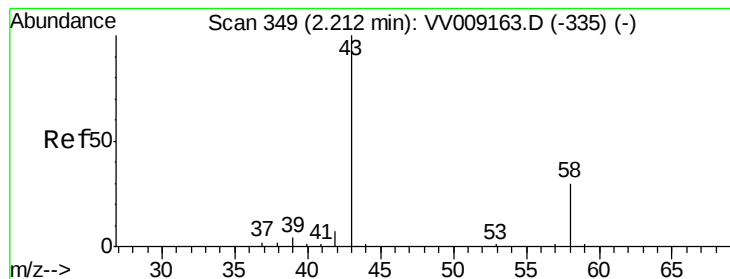
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.895 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.01 min

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ClientSampleId :

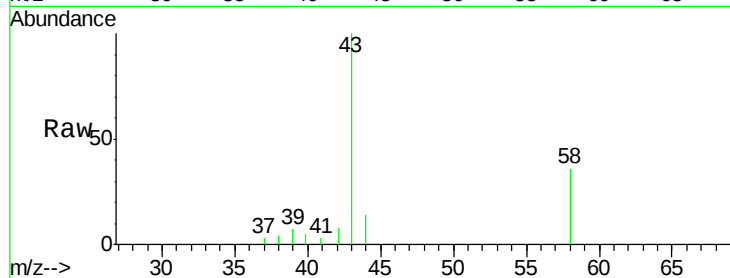
BE9X7

Tot Ion: 43 Resp: 9509

Ion Ratio Lower Upper

43 100

58 34.4 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VV009176.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV009176.D (-335) (-)

2.22

4000

3000

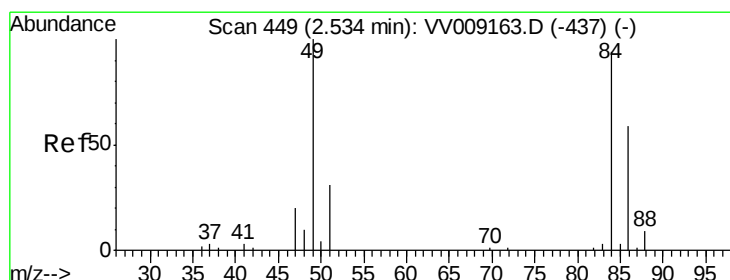
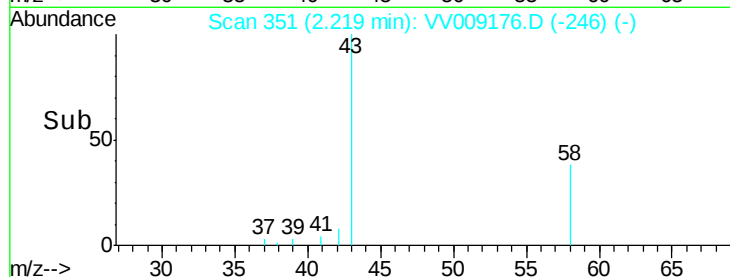
2000

1000

0

2.15 2.20 2.25 2.30

Time-->



#16

Methylene chloride

Concen: 5.261 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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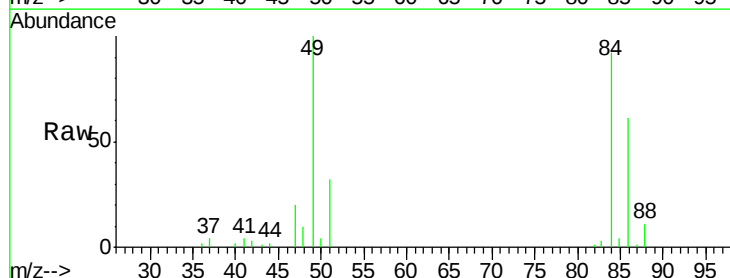
Tgt Ion: 84 Resp: 15896

Ion Ratio Lower Upper

84 100

49 109.2 77.6 144.2

86 66.6 47.4 88.0



Abundance Ion 84.00 (83.70 to 84.70): VV009176.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009176.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009176.D (-346) (-)

2.54

10000

5000

0

2.50 2.55 2.60

Time-->

