

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
 Data File : VV010982.D
 Acq On : 21 May 2019 03:58
 Operator : SY/MD
 Sample : K2846-22
 Misc : 4.28G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHA4

Quant Time: May 21 05:39:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 21 05:28:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	38868	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	33271	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	8544	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	9415	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.00%
7) Chloroethane-d5	1.57	69	6967	23.22	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.88%
10) 1,1-Dichloroethene-d2	2.12	63	13993	16.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.68%
20) 2-Butanone-d5	3.94	46	5600	36.63	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.26%
24) Chloroform-d	4.40	84	23935	23.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.08%
26) 1,2-Dichloroethane-d4	5.08	65	13697	23.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.36%
29) Benzene-d6	5.09	84	49476	27.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.96%
33) 1,2-Dichloropropane-d6	6.12	67	15521	26.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.56%
37) Toluene-d8	7.36	98	36283	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.96%
38) trans-1,3-Dichloropropene-	7.66	79	3724	15.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.84%
39) 2-Hexanone-d5	8.14	63	3116	28.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.90%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	13301	23.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.32%
61) 1,2-Dichlorobenzene-d4	11.68	152	8654	24.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.80%

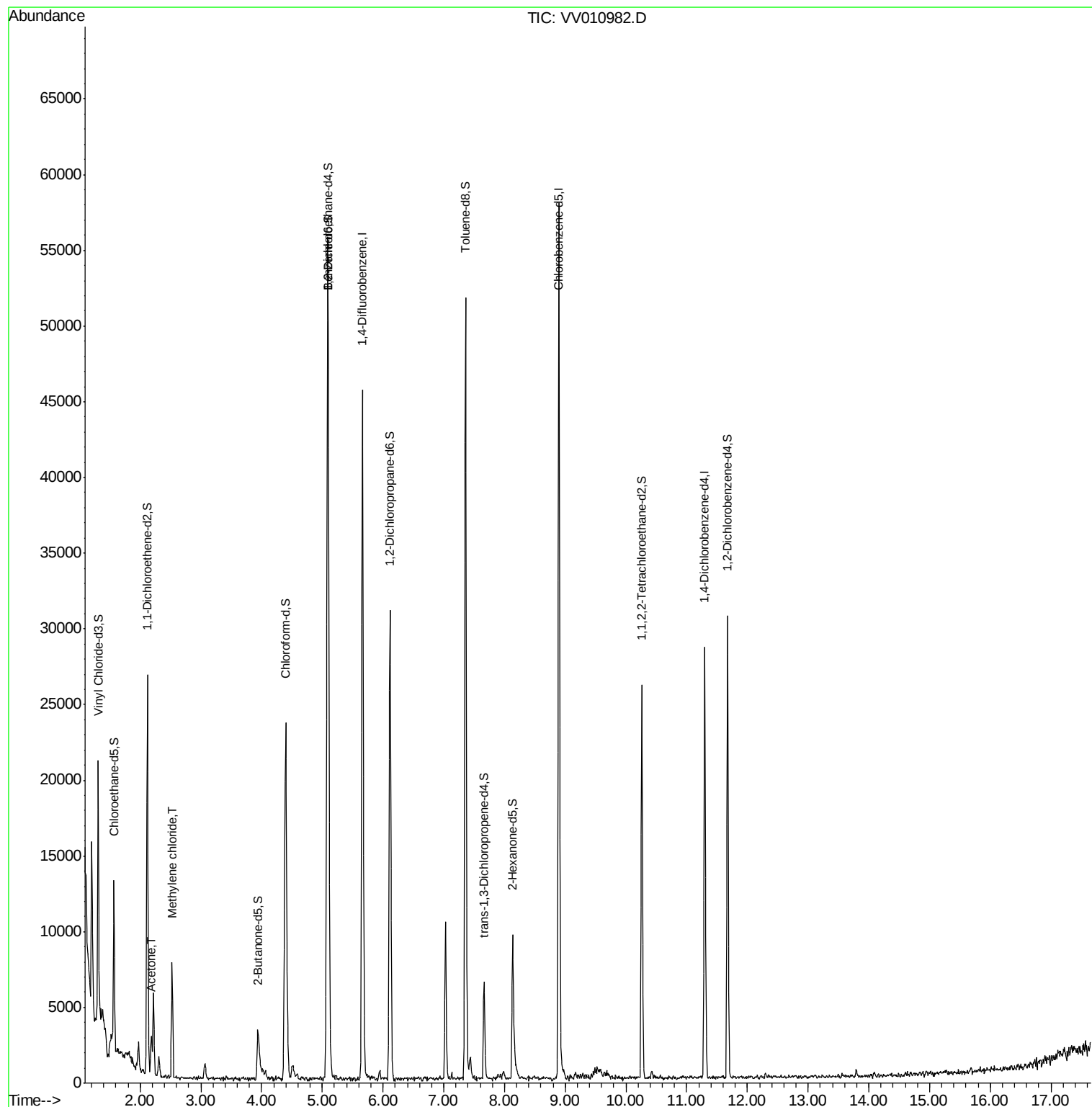
Target Compounds					Ovalue
13) Acetone	2.19	43	2320	15.735 ug/L	81
16) Methylene chloride	2.52	84	2961	4.439 ug/L	95

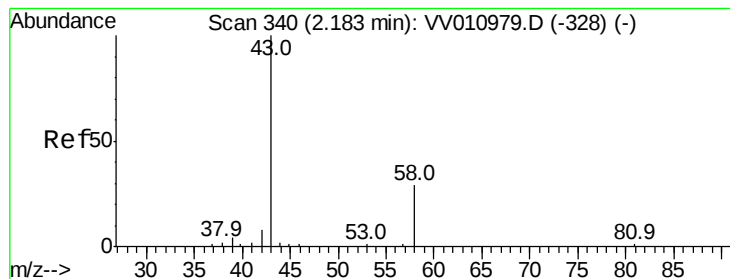
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.735 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

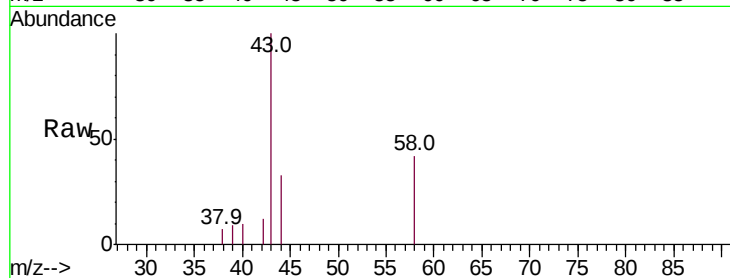
BFHA4

Tot Ion: 43 Resp: 2320

Ion Ratio Lower Upper

43 100

58 40.6 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

1500

1000

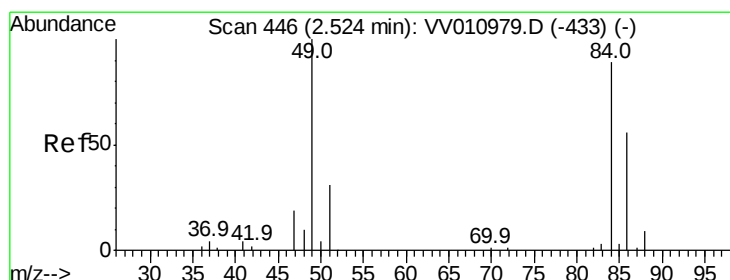
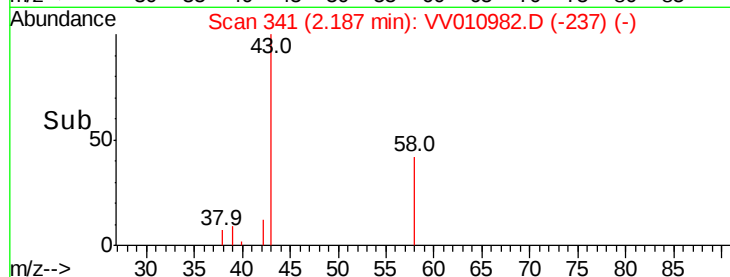
500

0

Time-->

2.15

2.20



#16

Methylene chloride

Concen: 4.439 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

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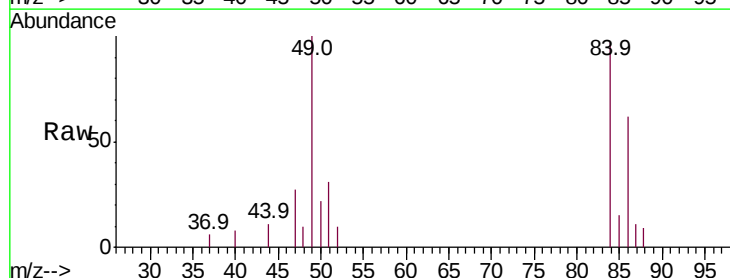
Tgt Ion: 84 Resp: 2961

Ion Ratio Lower Upper

84 100

49 103.0 77.4 143.8

86 64.2 44.0 81.6



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

2500

2000

1500

1000

500

0

Time-->

2.50

2.55

