

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092519\
 Data File : VV012980.D
 Acq On : 25 Sep 2019 16:48
 Operator : SY/MD
 Sample : K4988-02
 Misc : 5.34G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNY5

Quant Time: Sep 26 03:33:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 01:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	364596	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	301761	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	92204	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85115	15.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.20%
7) Chloroethane-d5	1.58	69	100263	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.68%
10) 1,1-Dichloroethene-d2	2.13	63	114583	12.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.72%
20) 2-Butanone-d5	3.94	46	14243	7.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	14.58%#
24) Chloroform-d	4.40	84	233290	23.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.16%
26) 1,2-Dichloroethane-d4	5.08	65	153434	26.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.40%
29) Benzene-d6	5.10	84	358272	21.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.04%
33) 1,2-Dichloropropane-d6	6.11	67	153058	28.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.92%
37) Toluene-d8	7.36	98	241175	15.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.08%
38) trans-1,3-Dichloropropene-	7.66	79	19248	8.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	34.44%
39) 2-Hexanone-d5	8.14	63	9039	8.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	17.02%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	107310	21.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	67218	18.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.04%

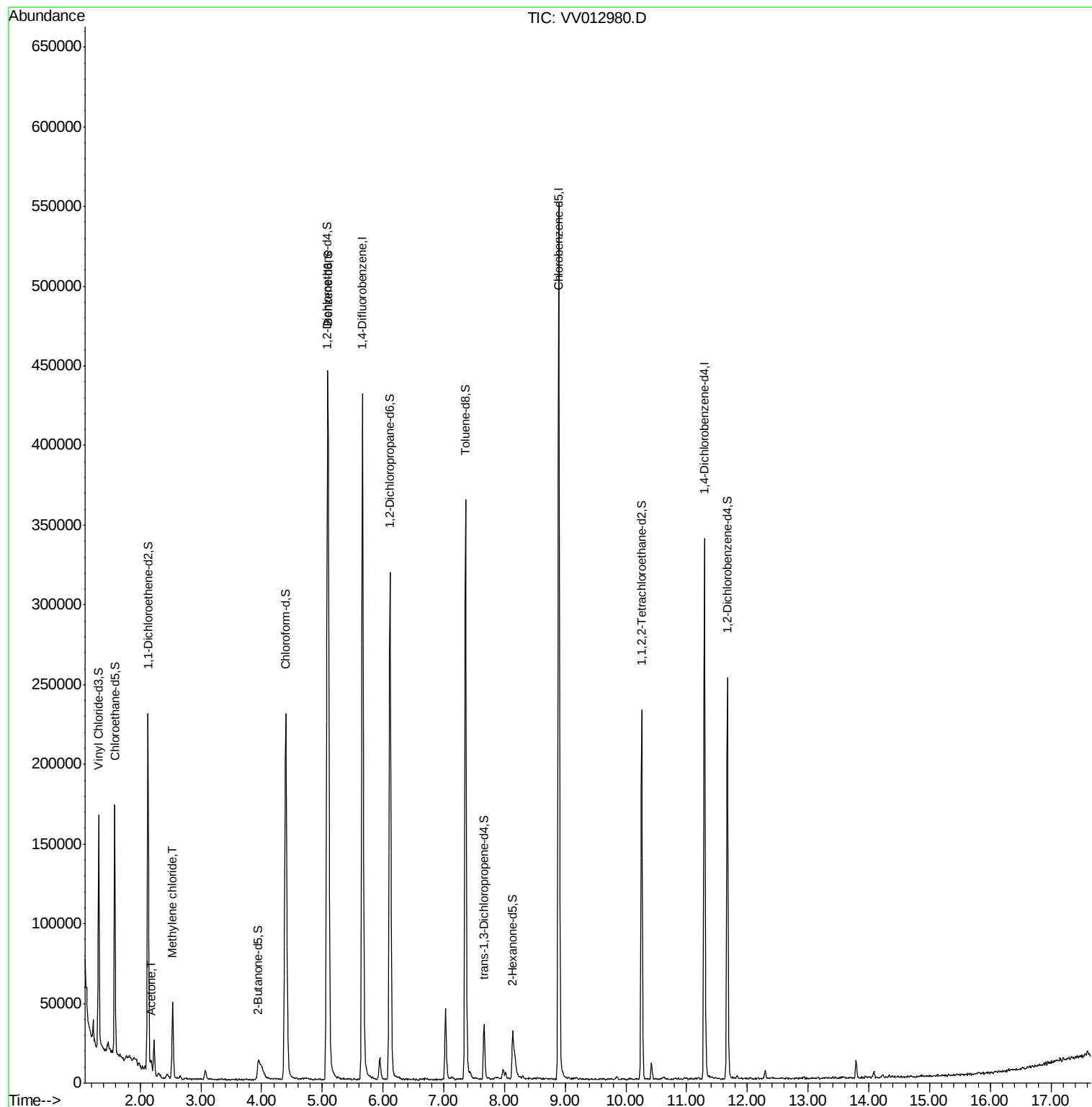
Target Compounds					Ovalue
13) Acetone	2.19	43	6187	2.980 ug/L	94
16) Methylene chloride	2.53	84	19023	3.491 ug/L	98

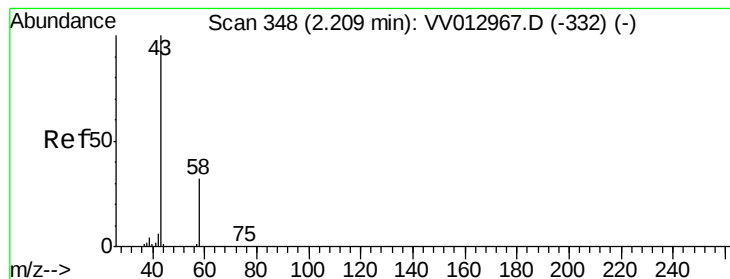
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.980 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

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ClientSampleId :

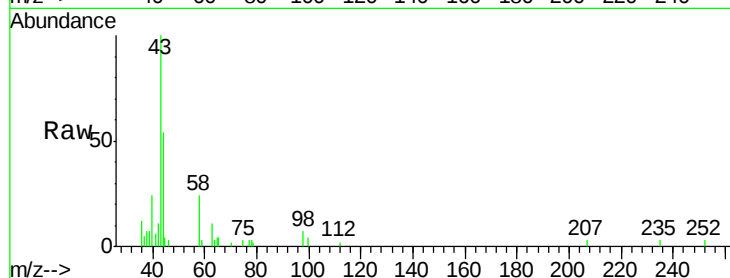
ESNY5

Tot Ion: 43 Resp: 6187

Ion Ratio Lower Upper

43 100

58 29.3 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

5000

4000

3000

2000

1000

0

Time-->

2.15

2.20

2.25

2.30

2.35

2.40

2.45

2.50

2.55

2.60

2.65

2.70

2.75

2.80

2.85

2.90

2.95

3.00

3.05

3.10

3.15

3.20

3.25

3.30

3.35

3.40

3.45

3.50

3.55

3.60

3.65

3.70

3.75

3.80

3.85

3.90

3.95

4.00

4.05

4.10

4.15

4.20

4.25

4.30

4.35

4.40

4.45

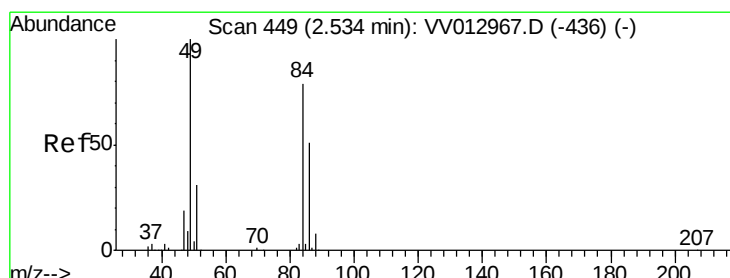
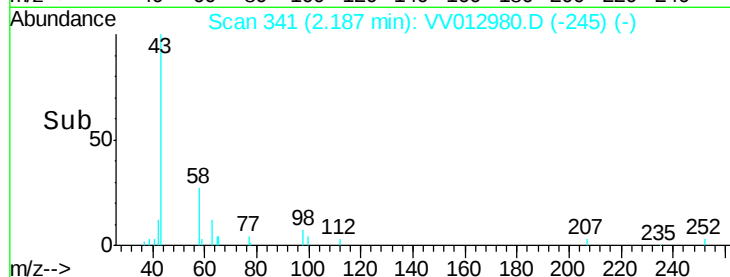
4.50

4.55

4.60

4.65

4.70



#16

Methylene chloride

Concen: 3.491 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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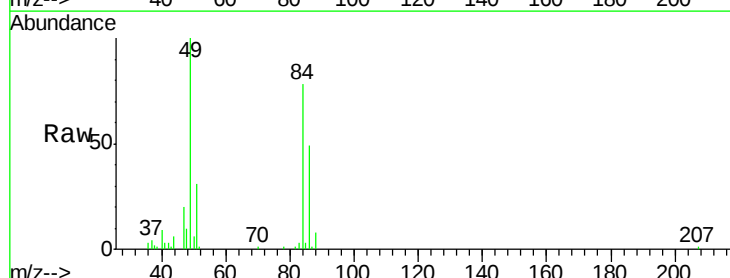
Tgt Ion: 84 Resp: 19023

Ion Ratio Lower Upper

84 100

49 128.8 88.3 164.1

86 62.5 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

20000

15000

10000

5000

0

Time-->

2.50

2.55

2.60

2.65

2.70

2.75

2.80

2.85

2.90

2.95

3.00

3.05

3.10

3.15

3.20

3.25

3.30

3.35

3.40

3.45

