

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032819\
 Data File : VV009969.D
 Acq On : 28 Mar 2019 16:46
 Operator : SY/MD
 Sample : K2101-19RE
 Misc : 6.13G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0K8RE

Quant Time: Mar 29 03:43:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 02:19:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	139210	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	119109	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28163	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66668	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.40%
7) Chloroethane-d5	1.56	69	82538	27.05	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.20%
10) 1,1-Dichloroethene-d2	2.12	63	147904	19.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.56%
20) 2-Butanone-d5	3.93	46	30484	57.91	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.82%
24) Chloroform-d	4.40	84	92367	26.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.16%
26) 1,2-Dichloroethane-d4	5.08	65	67430	31.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.36%
29) Benzene-d6	5.10	84	216685	34.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	138.56%#
33) 1,2-Dichloropropane-d6	6.12	67	67678	36.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	147.92%#
37) Toluene-d8	7.36	98	183863	31.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	124.20%
38) trans-1,3-Dichloropropene-	7.66	79	17322	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.56%
39) 2-Hexanone-d5	8.13	63	19094	55.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.80%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48069	26.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.12%
61) 1,2-Dichlorobenzene-d4	11.68	152	31020	28.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.72%

Target Compounds

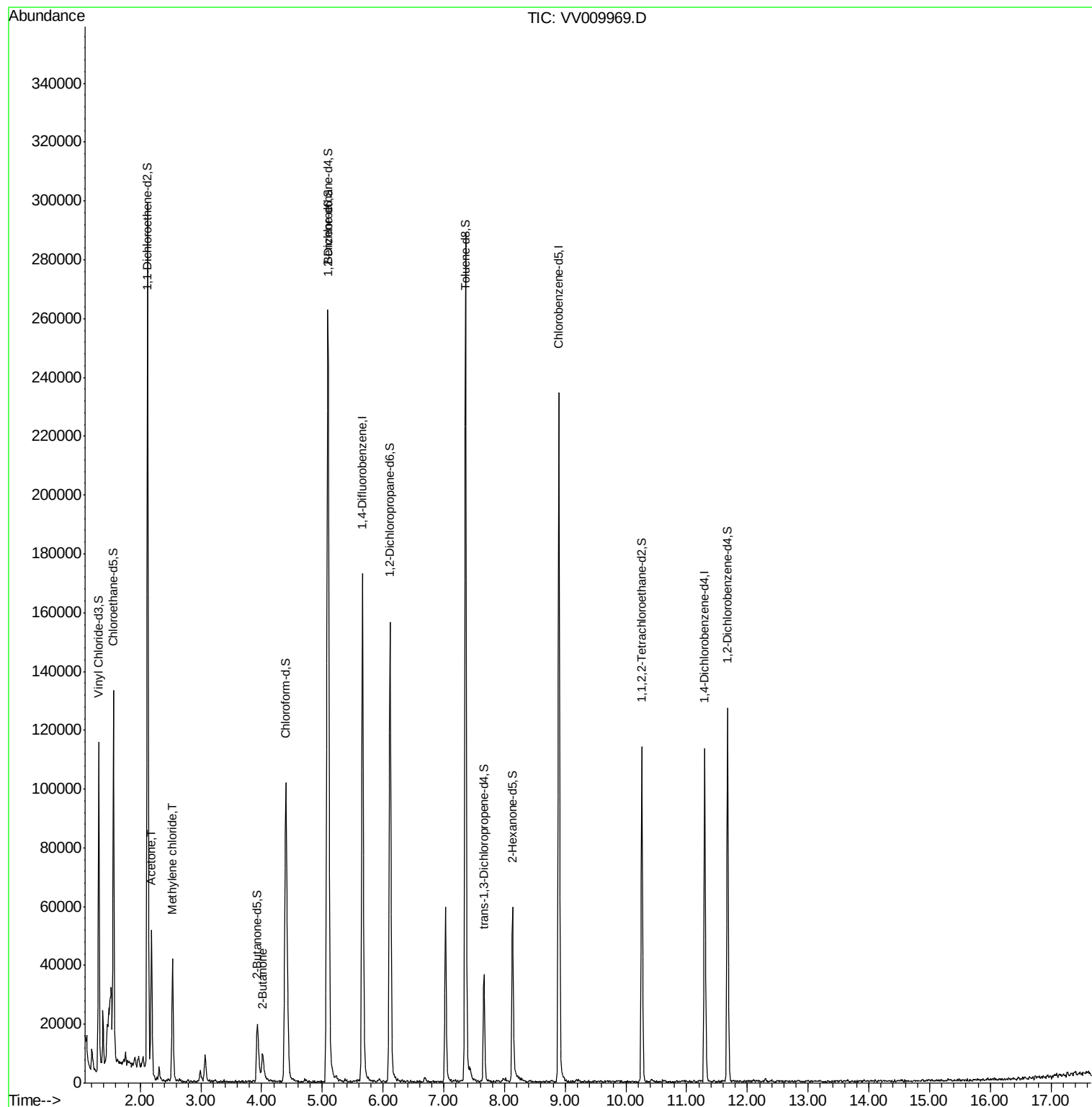
					Ovalue
13) Acetone	2.19	43	46359	58.166 ug/L	94
16) Methylene chloride	2.53	84	16378	7.144 ug/L	91
21) 2-Butanone	4.02	43	14241	20.063 ug/L #	73

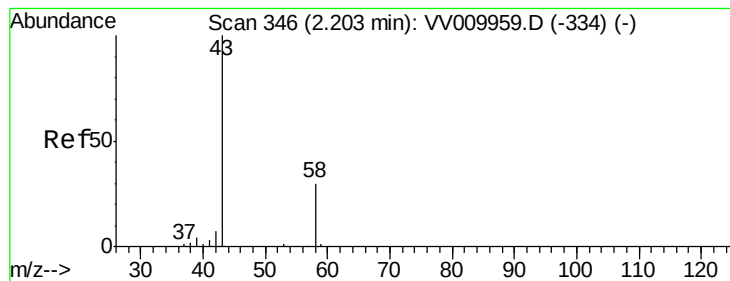
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 58.166 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV009969.D

Acq: 28 Mar 2019 16:46

Instrument :

MSVOA_V

ClientSampleId :

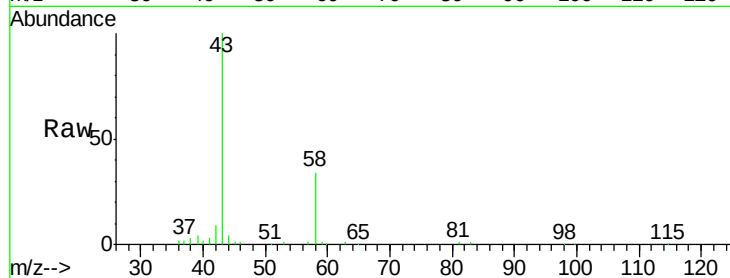
BF0K8RE

Tot Ion: 43 Resp: 46359

Ion Ratio Lower Upper

43 100

58 32.7 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009969.D (-341) (-)

Ion 58.00 (57.70 to 58.70): VV009969.D (-341) (-)

2.19

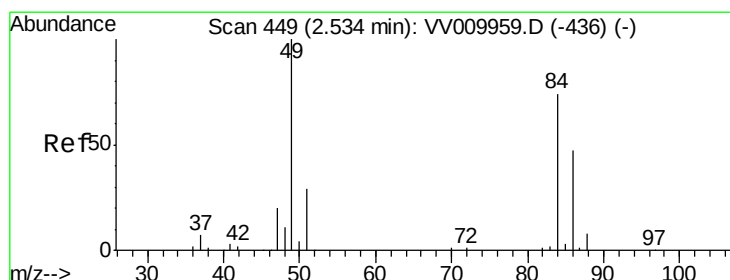
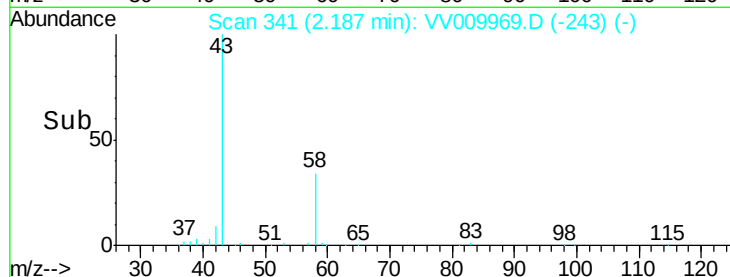
30000

20000

10000

0

Time-->



#16

Methylene chloride

Concen: 7.144 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009969.D

Acq: 28 Mar 2019 16:46

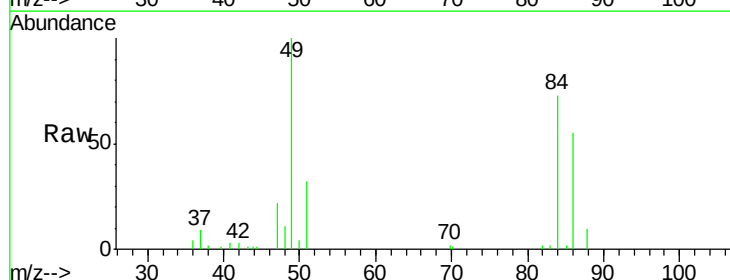
Tgt Ion: 84 Resp: 16378

Ion Ratio Lower Upper

84 100

49 136.1 90.4 167.8

86 74.2 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009969.D (-449) (-)

Ion 49.00 (48.70 to 49.70): VV009969.D (-449) (-)

Ion 86.00 (85.70 to 86.70): VV009969.D (-449) (-)

2.53

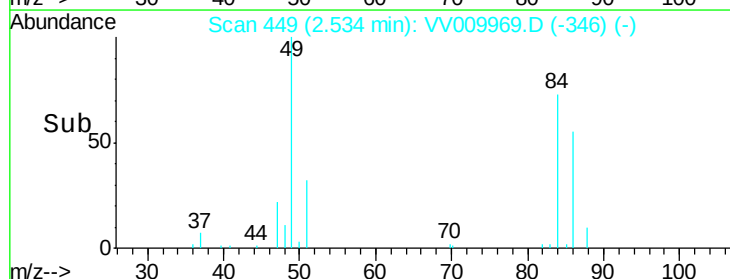
15000

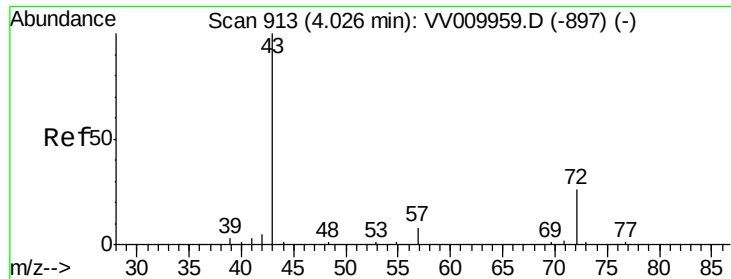
10000

5000

0

Time-->





#21
 2-Butanone
 Concen: 20.063 ug/L
 RT: 4.02 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: VV009969.D
 Acq: 28 Mar 2019 16:46

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0K8RE

Tot Ion: 43 Resp: 14241
 Ion Ratio Lower Upper
 43 100
 72 9.0 11.1 33.1#

