

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022619\
 Data File : VV009373.D
 Acq On : 26 Feb 2019 18:10
 Operator : SY/MD
 Sample : K1579-03
 Misc : 5.20G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB600

Quant Time: Feb 27 05:55:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 27 04:43:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	167640	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	135956	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44006	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58162	27.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.32%
7) Chloroethane-d5	1.58	69	82495	30.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.32%
10) 1,1-Dichloroethene-d2	2.12	63	114057	20.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.80%
20) 2-Butanone-d5	3.96	46	29871	47.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.02%
24) Chloroform-d	4.40	84	101676	25.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	5.08	65	56442	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.36%
29) Benzene-d6	5.10	84	210777	29.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.64%
33) 1,2-Dichloropropane-d6	6.12	67	65224	30.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.16%#
37) Toluene-d8	7.36	98	194896	28.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.44%
38) trans-1,3-Dichloropropene-	7.67	79	26127	24.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.72%
39) 2-Hexanone-d5	8.14	63	24190	53.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47229	22.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.32%
61) 1,2-Dichlorobenzene-d4	11.68	152	41587	25.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.04%

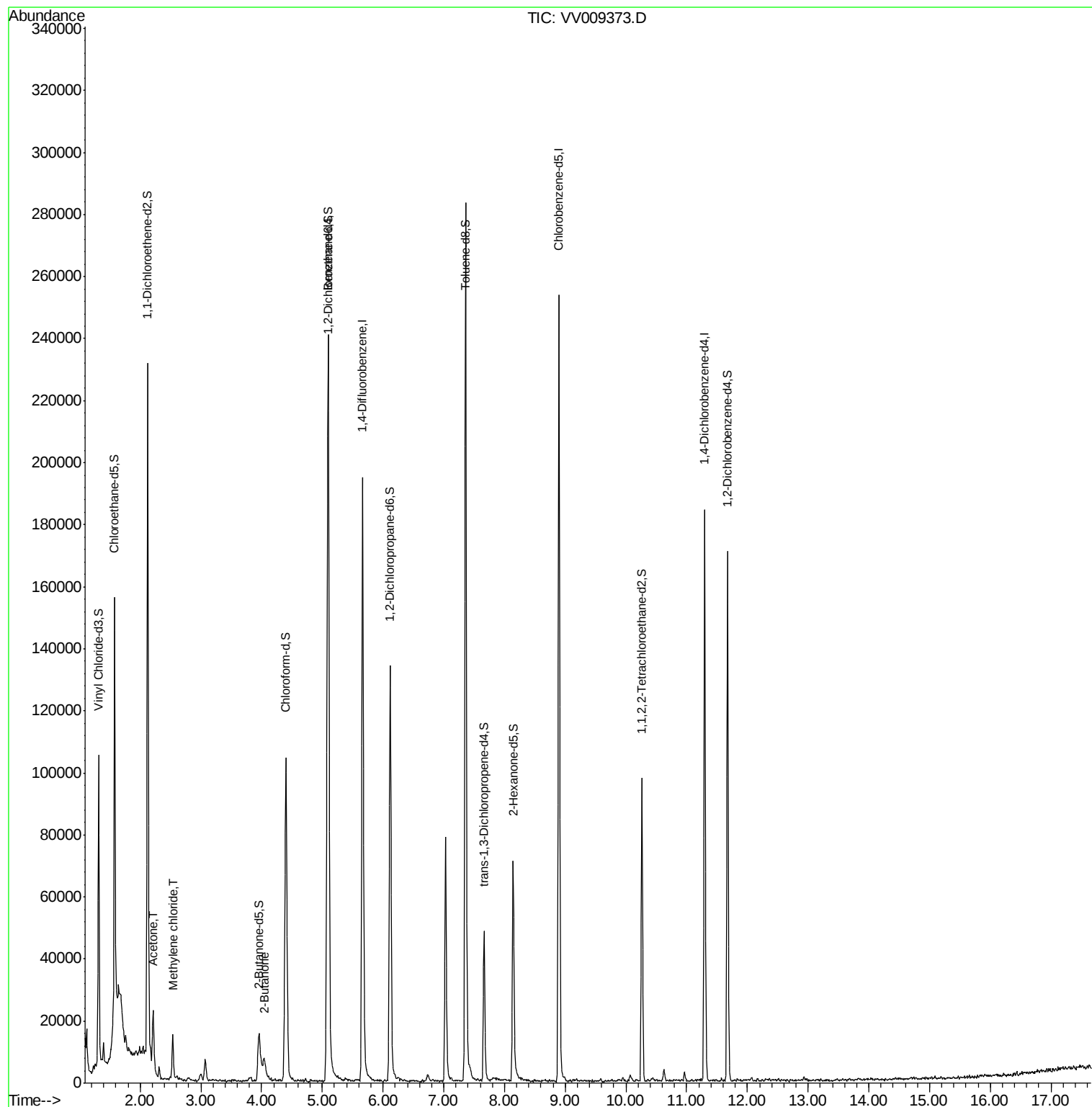
Target Compounds					Ovalue
13) Acetone	2.21	43	26630	36.657 ug/L	98
16) Methylene chloride	2.53	84	6160	2.713 ug/L	91
21) 2-Butanone	4.05	43	10146	11.208 ug/L	94

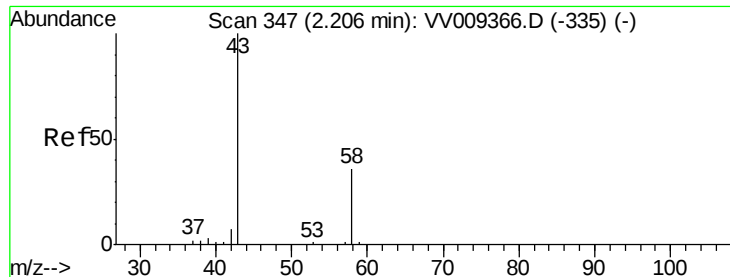
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 36.657 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

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Acq: 26 Feb 2019 18:10

Instrument :

MSVOA_V

ClientSampled :

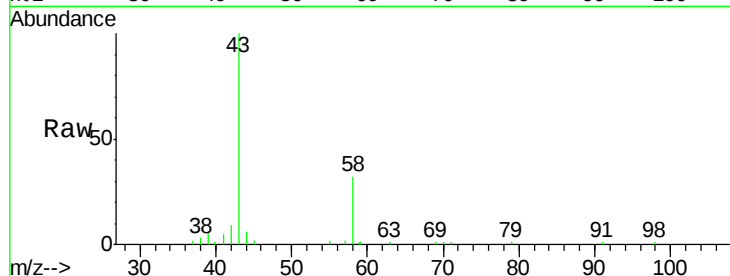
DB600

Tot Ion: 43 Resp: 26630

Ion Ratio Lower Upper

43 100

58 35.8 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009373.D (-244) (-)

Ion 58.00 (57.70 to 58.70): VV009373.D (-244) (-)

2.21

15000

10000

5000

0

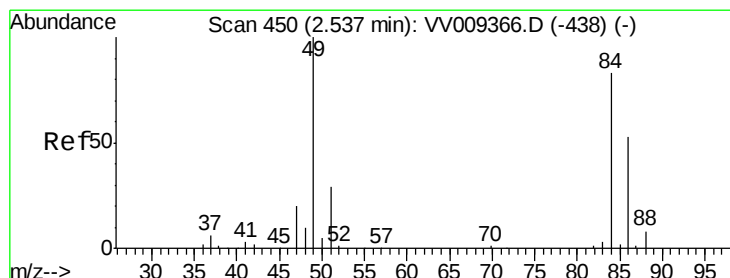
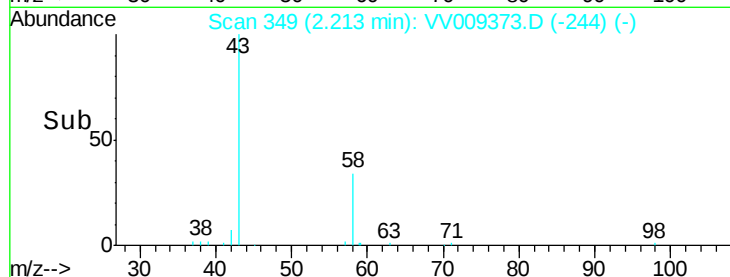
2.15

2.20

2.25

2.30

Time-->



#16

Methylene chloride

Concen: 2.713 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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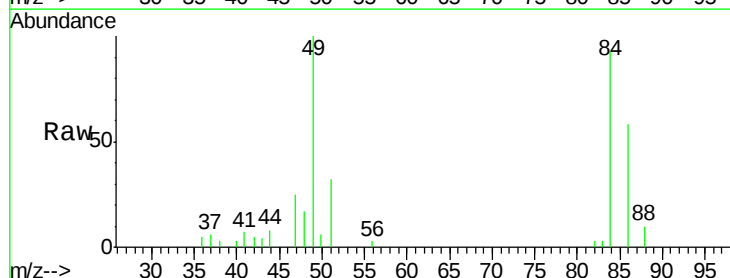
Tgt Ion: 84 Resp: 6160

Ion Ratio Lower Upper

84 100

49 107.9 84.6 157.0

86 62.6 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009373.D (-347) (-)

Ion 49.00 (48.70 to 49.70): VV009373.D (-347) (-)

Ion 86.00 (85.70 to 86.70): VV009373.D (-347) (-)

2.53

5000

4000

3000

2000

1000

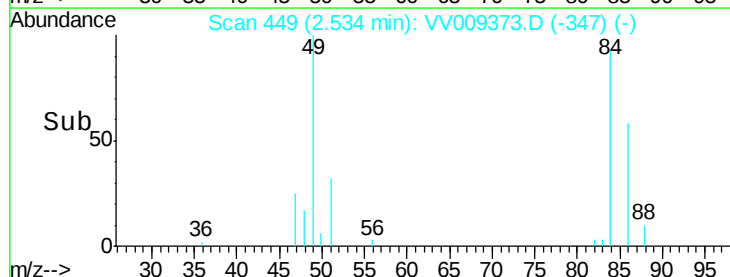
0

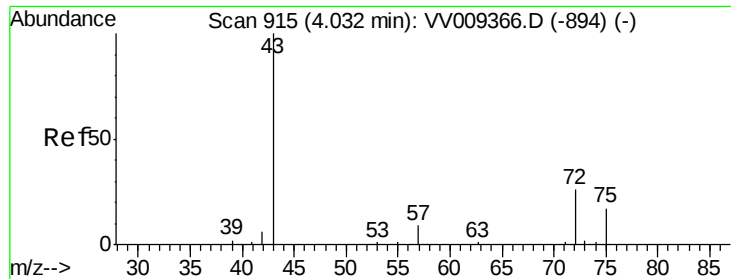
2.50

2.55

2.60

Time-->





#21

2-Butanone

Concen: 11.208 ug/L

RT: 4.05 min Scan# 919

Delta R.T. 0.01 min

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Tot Ion: 43 Resp: 10146

Ion Ratio Lower Upper

43 100

72 30.4 13.7 41.0

