

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030519\
 Data File : VV009501.D
 Acq On : 05 Mar 2019 22:19
 Operator : SY/MD
 Sample : K1720-02
 Misc : 2.90G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF8A8

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 12:10:44 AM

Quant Time: Mar 06 07:25:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 06 04:12:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	147618	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	129326	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47320	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38126	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.84%
7) Chloroethane-d5	1.58	69	66537	25.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.56%
10) 1,1-Dichloroethene-d2	2.13	63	77095	16.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.68%
20) 2-Butanone-d5	3.95	46	21805	36.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.02%
24) Chloroform-d	4.40	84	83929	23.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.48%
26) 1,2-Dichloroethane-d4	5.08	65	49594	24.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.16%
29) Benzene-d6	5.10	84	170418	26.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.44%
33) 1,2-Dichloropropane-d6	6.12	67	52070	27.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.20%
37) Toluene-d8	7.36	98	158080	25.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.28%
38) trans-1,3-Dichloropropene-	7.67	79	18406	20.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.36%
39) 2-Hexanone-d5	8.14	63	18514	41.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.94%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43517	21.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.40%
61) 1,2-Dichlorobenzene-d4	11.68	152	41930	24.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.08%

Target Compounds					Ovalue
13) Acetone	2.21	43	6336	10.291 ug/L	89
16) Methylene chloride	2.54	84	5958	3.075 ug/L	93
21) 2-Butanone	4.04	43	1839m	2.367 ug/L	

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

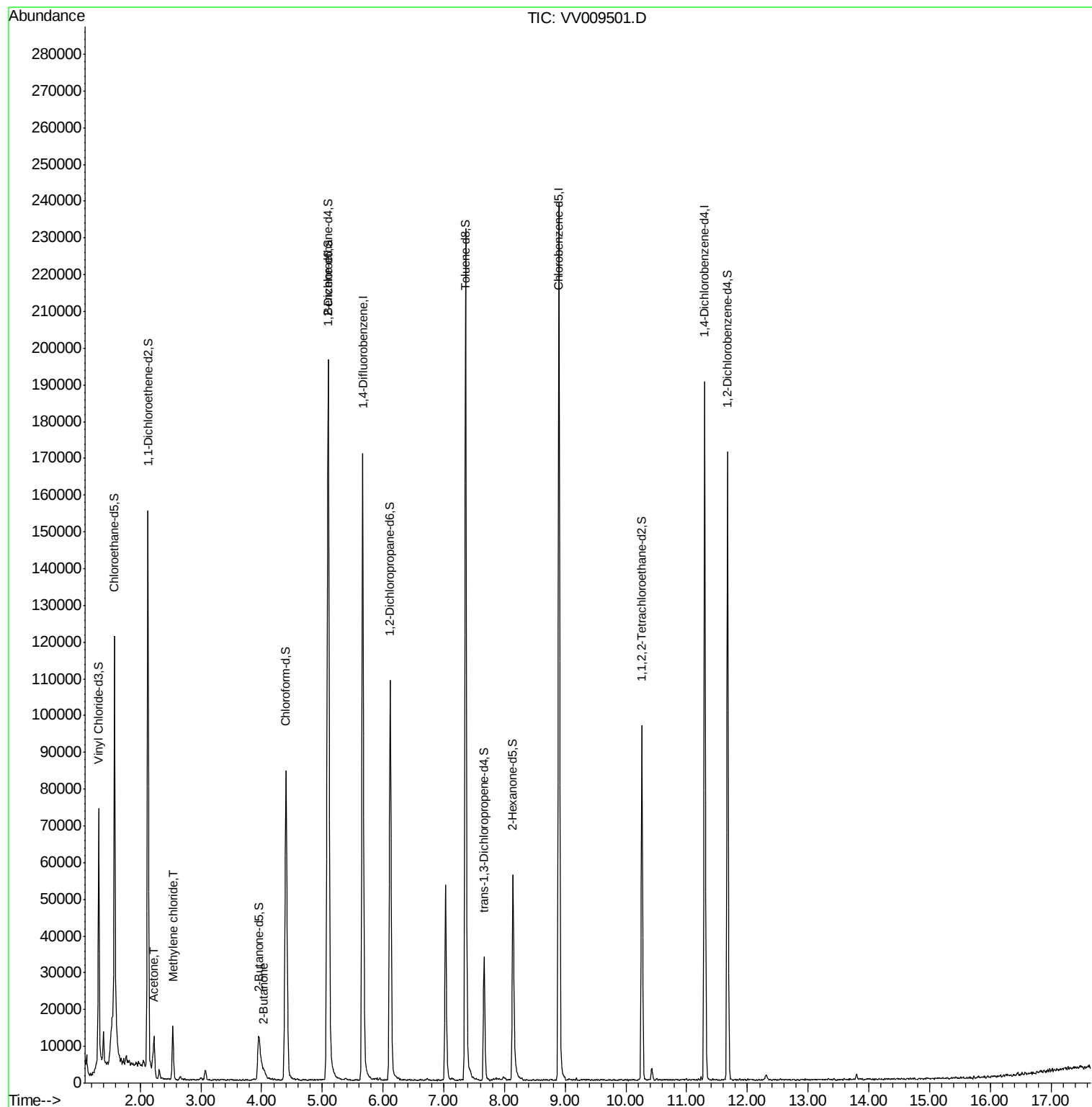
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV030519\
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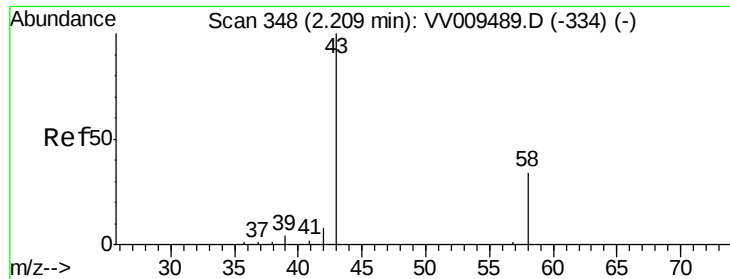
Instrument :
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Quant Time: Mar 06 07:25:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 04:12:03 2019
Response via : Initial Calibration





#13

Acetone

Concen: 10.291 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV009501.D

Acq: 05 Mar 2019 22:19

Instrument :

MSVOA_V

ClientSampleId :

BF8A8

Tot Ion: 43 Resp: 6336

Ion Ratio Lower Upper

43 100

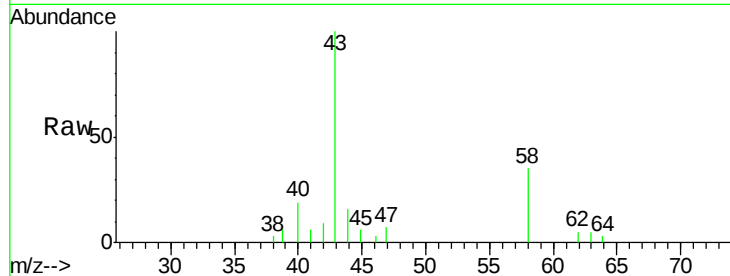
58 40.8 0.0 68.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VV009501.D (-245) (-)

Ion 58.00 (57.70 to 58.70): VV009501.D (-245) (-)

2.21

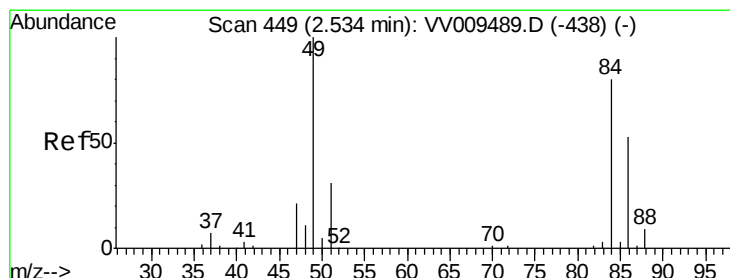
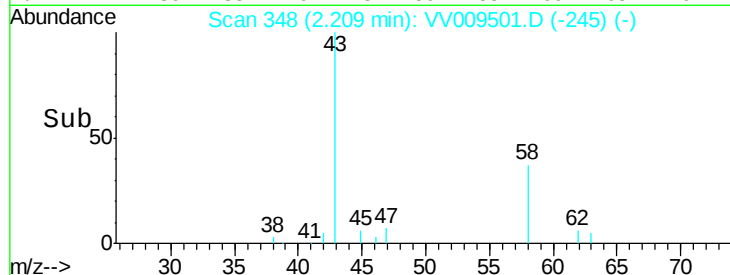
3000

2000

1000

0

Time-->



#16

Methylene chloride

Concen: 3.075 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009501.D

Acq: 05 Mar 2019 22:19

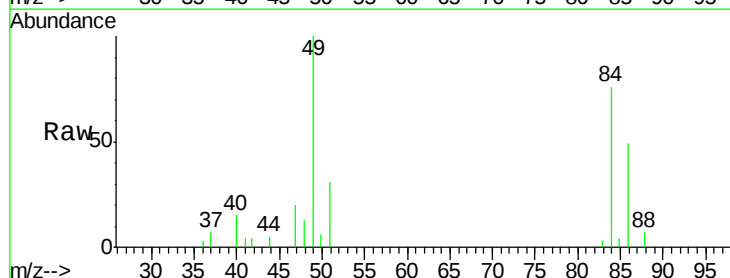
Tgt Ion: 84 Resp: 5958

Ion Ratio Lower Upper

84 100

49 131.0 84.6 157.0

86 63.9 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009501.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009501.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009501.D (-346) (-)

2.54

6000

5000

4000

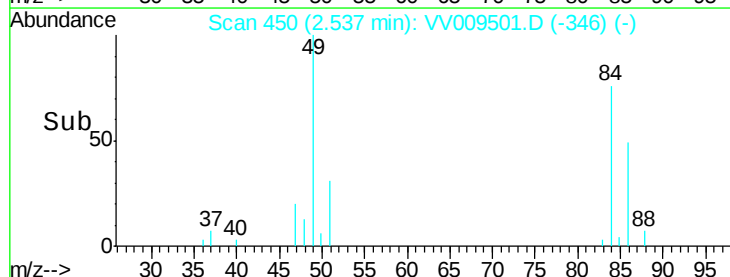
3000

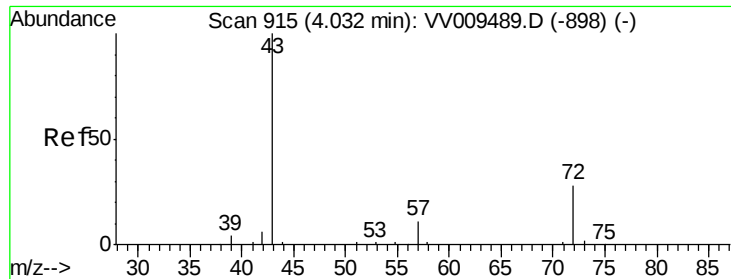
2000

1000

0

Time-->





#21
 2-Butanone
 Concen: 2.367 ug/L m
 RT: 4.04 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: VV009501.D
 Acq: 05 Mar 2019 22:19

Instrument :
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Tot Ion: 43 Resp: 1839
 Ion Ratio Lower Upper
 43 100
 72 12.3 13.7 41.0#

Manual Integrations
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