

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022619\
 Data File : VV009374.D
 Acq On : 26 Feb 2019 18:36
 Operator : SY/MD
 Sample : K1579-04RE
 Misc : 5.08G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB601RE

Manual Integrations
 APPROVED

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 2/27/2019 5:44:19 PM

Quant Time: Feb 27 05:59:36 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	139531	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	112545	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40536	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48723	27.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.04%
7) Chloroethane-d5	1.58	69	68611	30.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.24%
10) 1,1-Dichloroethene-d2	2.12	63	95023	20.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.88%
20) 2-Butanone-d5	3.96	46	31544	59.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.28%
24) Chloroform-d	4.40	84	88708	26.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.84%
26) 1,2-Dichloroethane-d4	5.08	65	52102	27.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.32%
29) Benzene-d6	5.10	84	179630	30.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.08%
33) 1,2-Dichloropropane-d6	6.12	67	56032	31.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.84%#
37) Toluene-d8	7.36	98	163118	28.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.68%
38) trans-1,3-Dichloropropene-	7.66	79	25125	28.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.68%
39) 2-Hexanone-d5	8.14	63	24689	66.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49388	28.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.36%
61) 1,2-Dichlorobenzene-d4	11.68	152	40435	26.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.72%

Target Compounds					Ovalue
13) Acetone	2.21	43	26664	44.098 ug/L	97
16) Methylene chloride	2.53	84	5514	2.918 ug/L	92
21) 2-Butanone	4.05	43	10007m	13.281 ug/L	

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

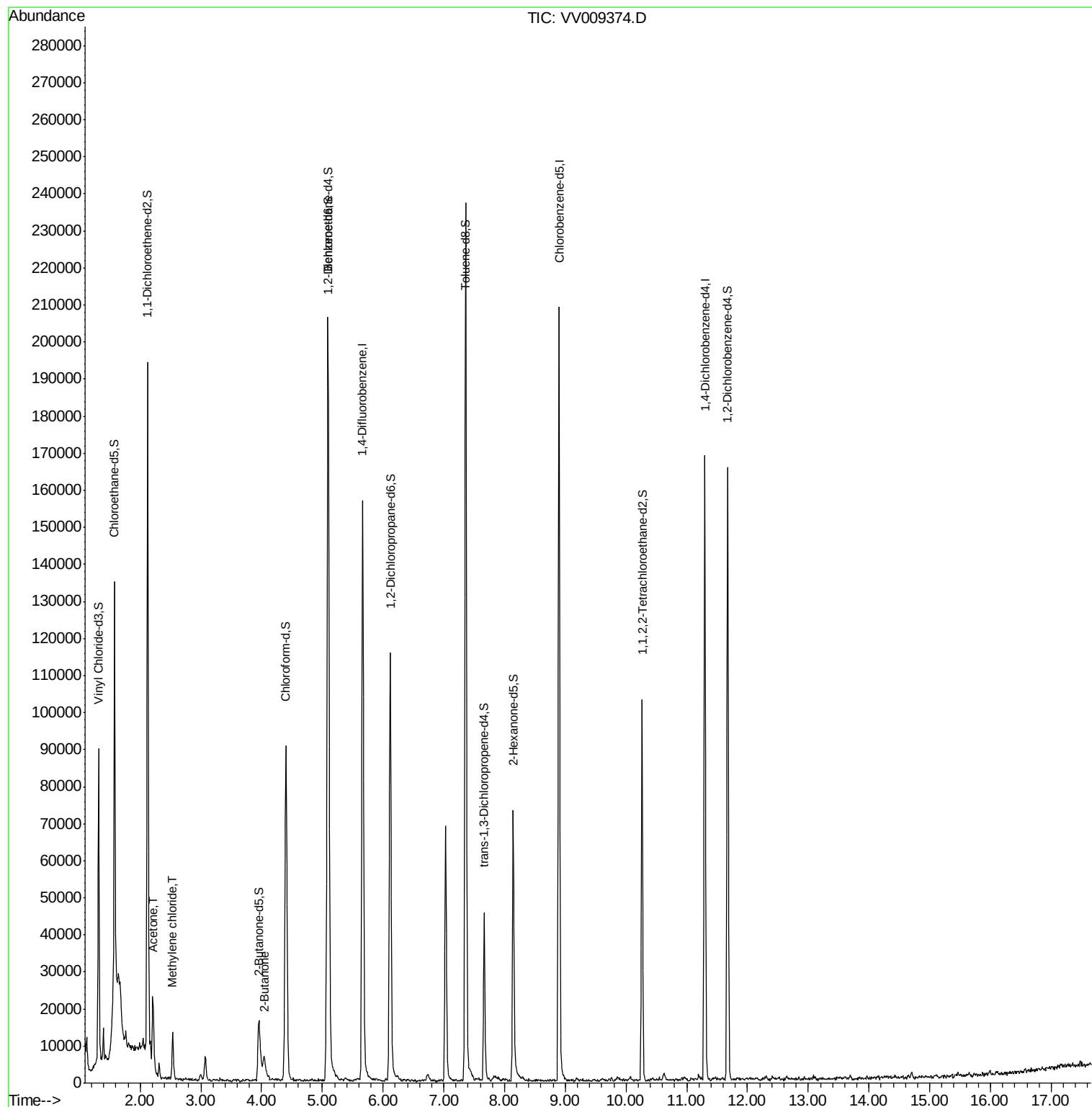
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV022619\
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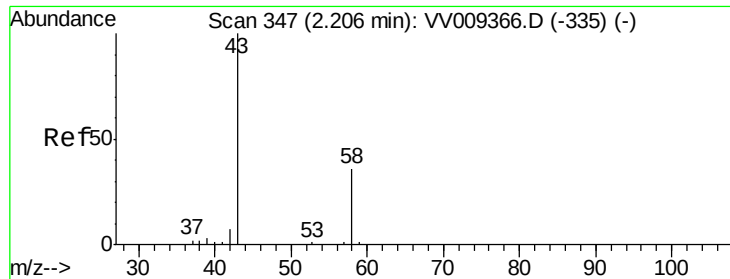
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis
QLast Update : Wed Feb 27 04:43:55 2019
Response via : Initial Calibration





#13

Acetone

Concen: 44.098 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV009374.D

Acq: 26 Feb 2019 18:36

Instrument :

MSVOA_V

ClientSampled :

DB601RE

Tot Ion: 43 Resp: 26664

Ion Ratio Lower Upper

43 100

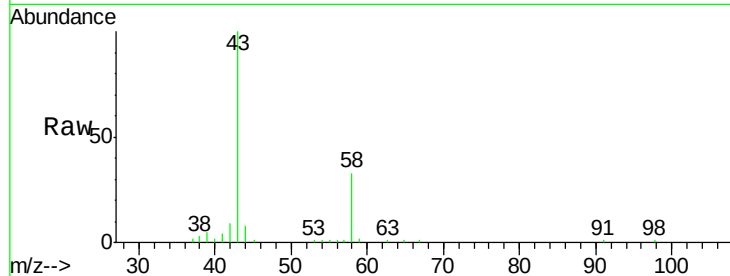
58 35.9 0.0 68.8

Manual Integrations

APPROVED

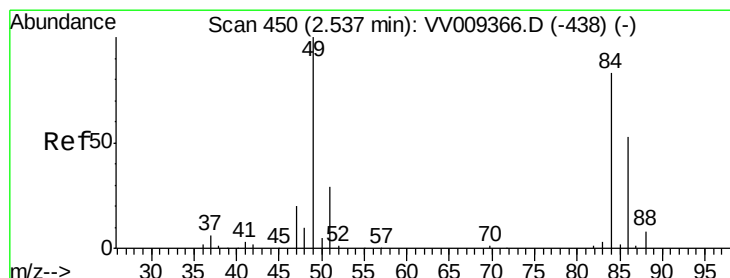
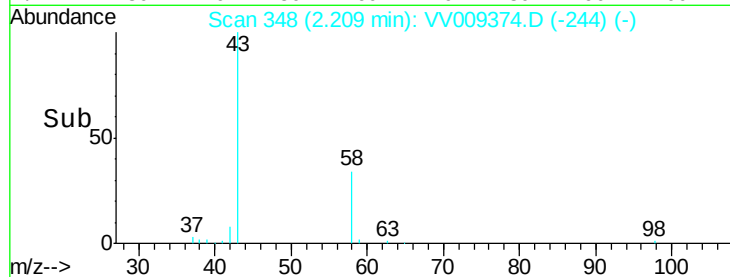
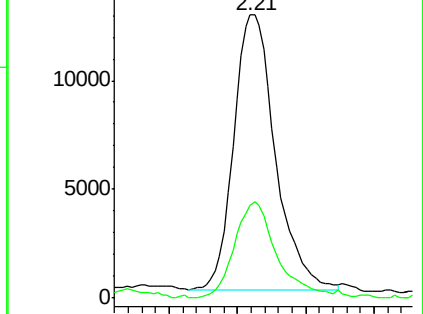
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Abundance Ion 43.00 (42.70 to 43.70): VV009374.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VV009374.D (-347) (-)



#16

Methylene chloride

Concen: 2.918 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009374.D

Acq: 26 Feb 2019 18:36

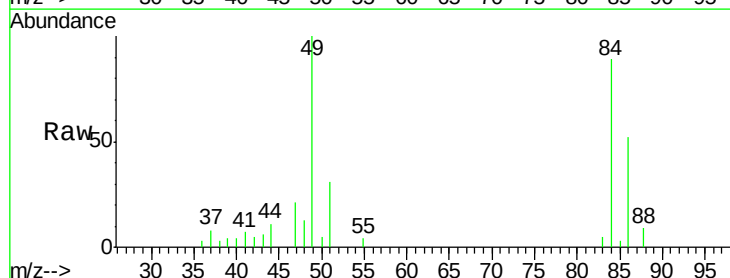
Tgt Ion: 84 Resp: 5514

Ion Ratio Lower Upper

84 100

49 112.2 84.6 157.0

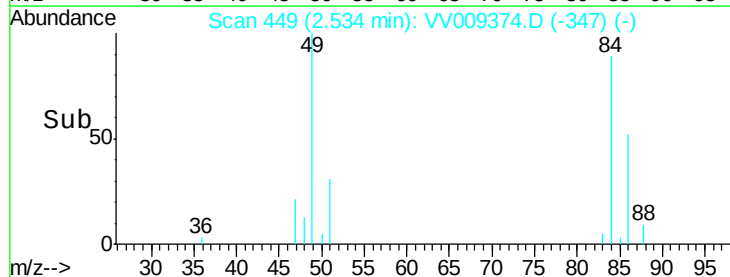
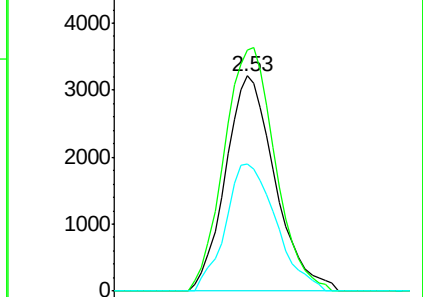
86 58.9 46.1 85.7

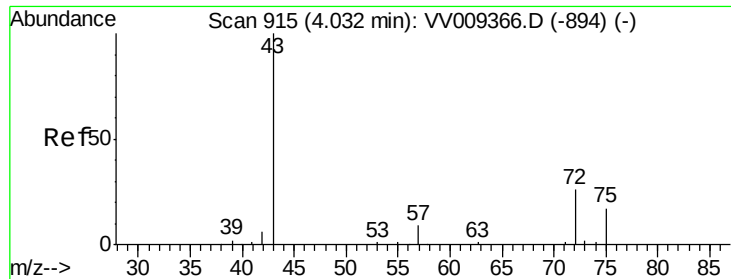


Abundance Ion 84.00 (83.70 to 84.70): VV009374.D (-347) (-)

Ion 49.00 (48.70 to 49.70): VV009374.D (-347) (-)

Ion 86.00 (85.70 to 86.70): VV009374.D (-347) (-)





#21
 2-Butanone
 Concen: 13.281 ug/L m
 RT: 4.05 min Scan# 920
 Delta R.T. 0.02 min
 Lab File: VV009374.D
 Acq: 26 Feb 2019 18:36

Instrument :
 MSVOA_V
 ClientSampleId :
 DB601RE

Tot Ion	Ratio	Lower	Upper
43	100		
72	0.4	13.7	41.0#

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