

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012946.D
 Acq On : 23 Sep 2019 19:39
 Operator : SY/MD
 Sample : K4958-15
 Misc : 4.89G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNZ8

Manual Integrations
 APPROVED

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 9/24/2019 12:25:49 PM

Quant Time: Sep 24 08:19:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 07:38:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	632062	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	554519	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	188315	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	230381	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.96%
7) Chloroethane-d5	1.58	69	205735	25.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.80%
10) 1,1-Dichloroethene-d2	2.13	63	295821	18.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.56%
20) 2-Butanone-d5	3.93	46	119963	35.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.86%
24) Chloroform-d	4.40	84	424652	24.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.84%
26) 1,2-Dichloroethane-d4	5.08	65	256167	25.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.52%
29) Benzene-d6	5.10	84	854435	27.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.40%
33) 1,2-Dichloropropane-d6	6.11	67	283345	29.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.80%
37) Toluene-d8	7.36	98	691027	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.36%
38) trans-1,3-Dichloropropene-	7.66	79	98152	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.52%
39) 2-Hexanone-d5	8.13	63	79233	40.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	211712	22.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	191168	26.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.52%

Target Compounds					Ovalue
13) Acetone	2.19	43	45754	12.713 ug/L	99
16) Methylene chloride	2.53	84	48950	5.181 ug/L	97
21) 2-Butanone	4.03	43	17573m	4.196 ug/L	

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

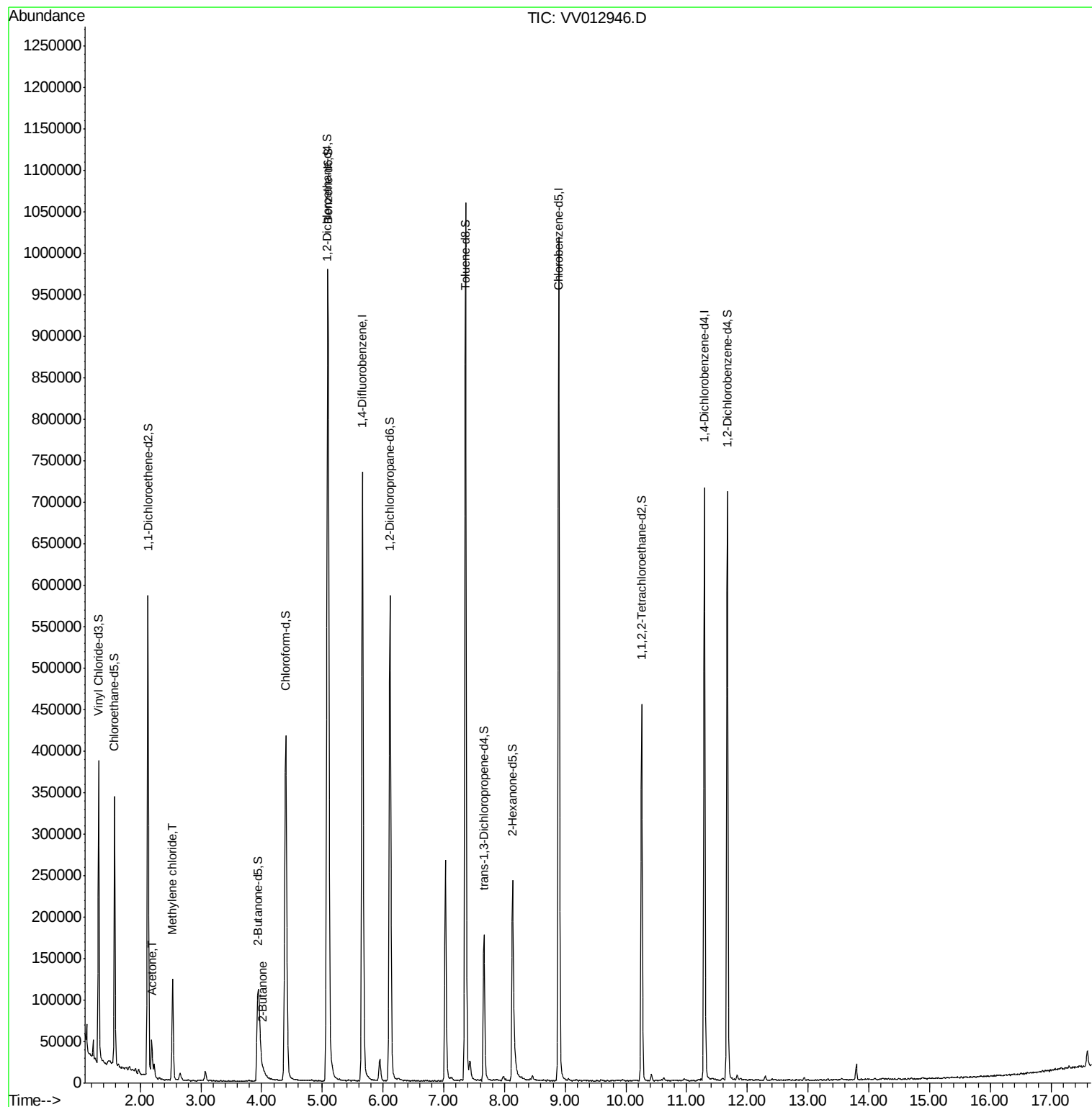
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092319\
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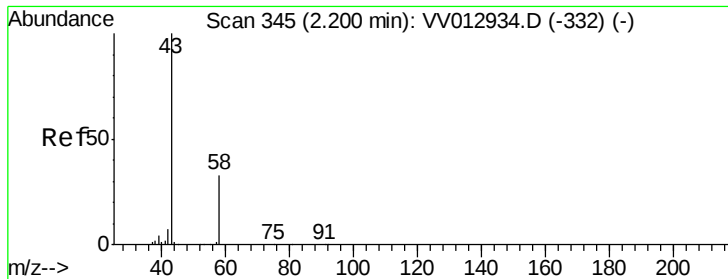
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#13

Acetone

Concen: 12.713 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

ESNZ8

Tot Ion: 43 Resp: 45754

Ion Ratio Lower Upper

43 100

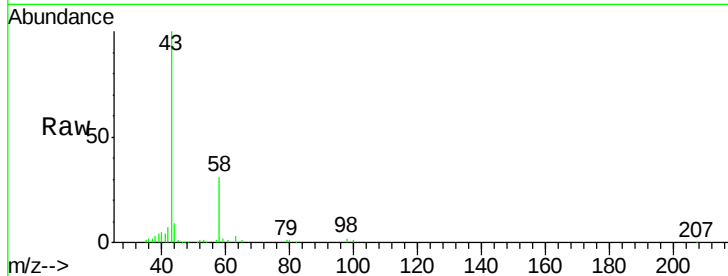
58 33.2 0.0 65.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

30000

25000

20000

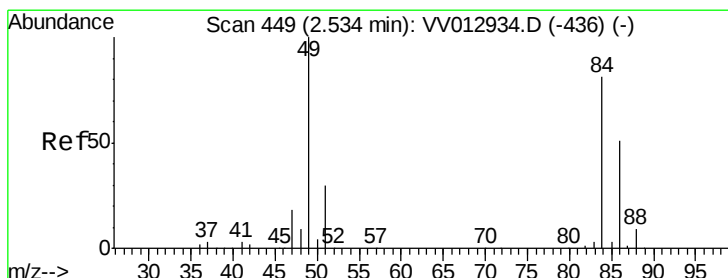
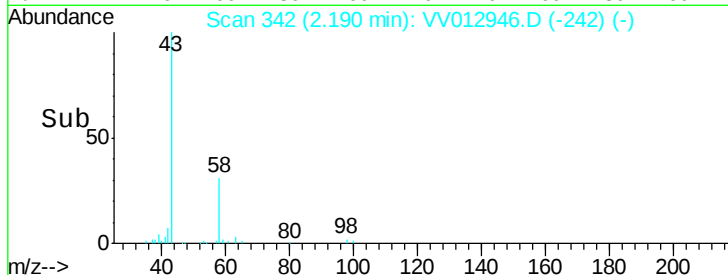
15000

10000

5000

0

Time-->



#16

Methylene chloride

Concen: 5.181 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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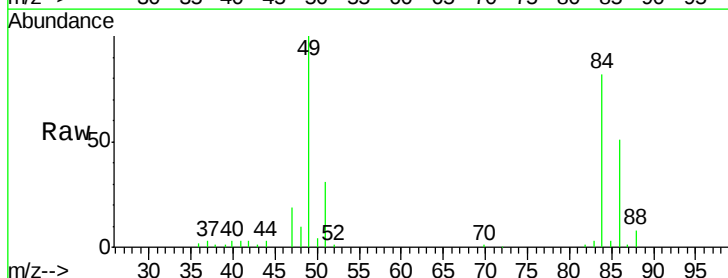
Tgt Ion: 84 Resp: 48950

Ion Ratio Lower Upper

84 100

49 121.8 88.3 164.1

86 62.0 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

2.53

50000

40000

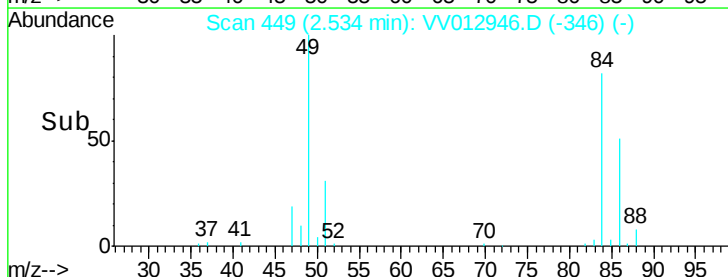
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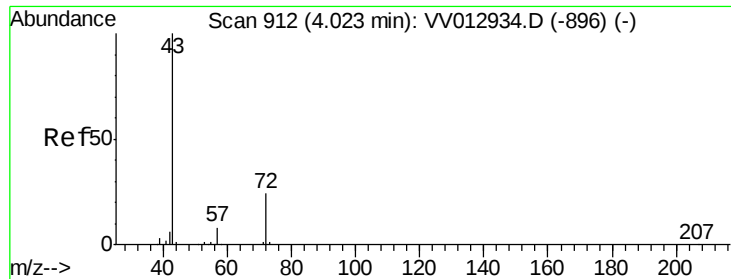
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10000

0

Time-->





#21
 2-Butanone
 Concen: 4.196 ug/L m
 RT: 4.03 min Scan# 915
 Delta R.T. 0.01 min
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Tot Ion	43	Resp	17573
Ion Ratio	Lower	Upper	
43	100		
72	0.5	11.9	35.9#

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