

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040519\
 Data File : VV010134.D
 Acq On : 05 Apr 2019 16:38
 Operator : SY/MD
 Sample : K2168-08
 Misc : 5.48G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF673

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:29:40 AM

Quant Time: Apr 06 02:09:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:46:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	220529	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	217911	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79753	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49502	16.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.08%
7) Chloroethane-d5	1.57	69	53734	14.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.60%
10) 1,1-Dichloroethene-d2	2.12	63	96848	13.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.00%
20) 2-Butanone-d5	3.93	46	16295m	19.40	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	38.80%
24) Chloroform-d	4.40	84	153573	27.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.56%
26) 1,2-Dichloroethane-d4	5.08	65	109740	35.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	141.20%#
29) Benzene-d6	5.10	84	309495	27.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.56%
33) 1,2-Dichloropropane-d6	6.12	67	106368	31.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.56%#
37) Toluene-d8	7.36	98	278143	25.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.20%
38) trans-1,3-Dichloropropene-	7.66	79	36239	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.68%
39) 2-Hexanone-d5	8.13	63	7795	11.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	23.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	91110	27.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.80%
61) 1,2-Dichlorobenzene-d4	11.67	152	88098	28.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.44%

Target Compounds					Ovalue
13) Acetone	2.18	43	22101	26.609 ug/L	96
16) Methylene chloride	2.53	84	14235	3.674 ug/L	95
44) Toluene	7.43	91	9912	0.829 ug/L	86

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

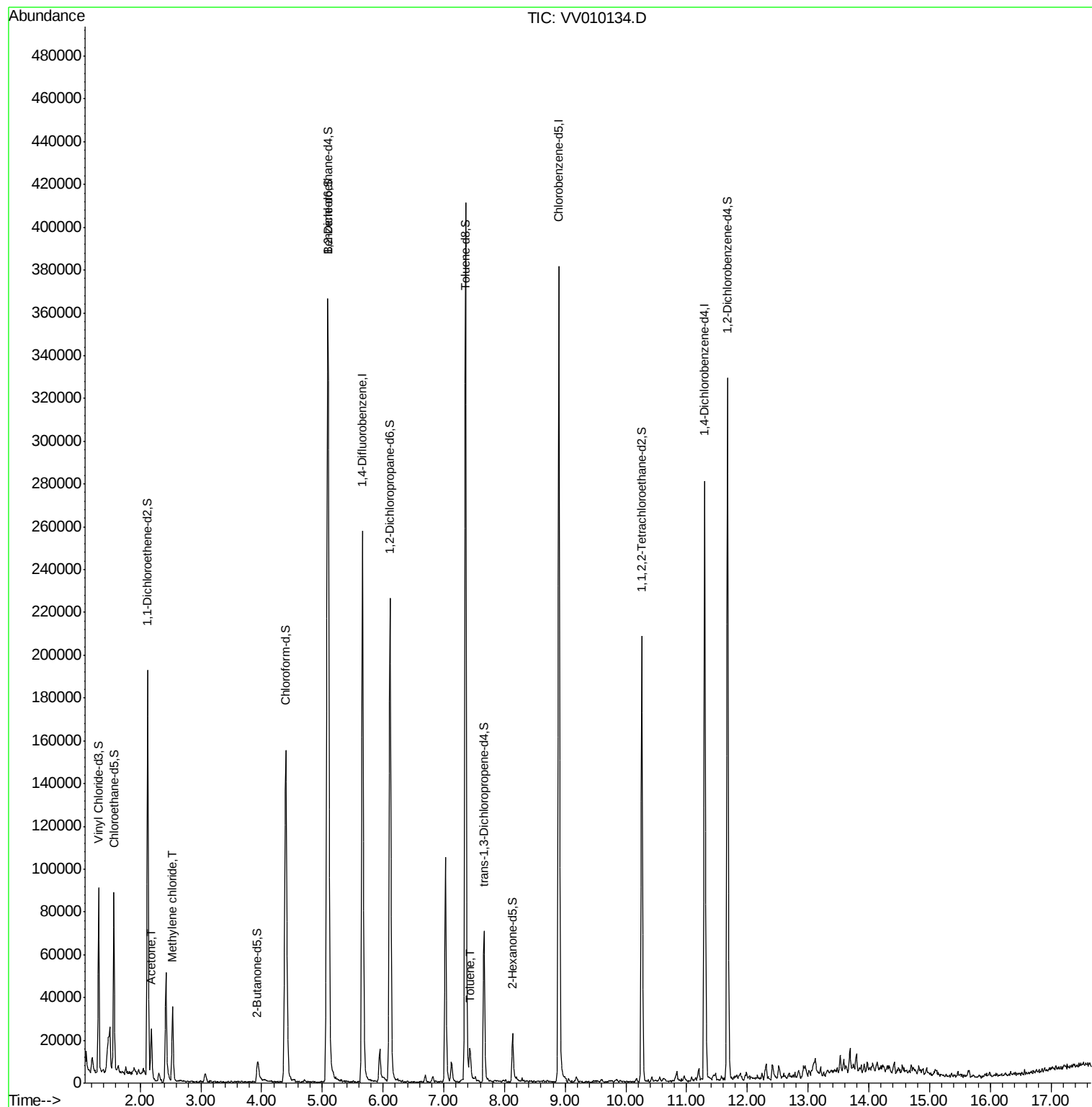
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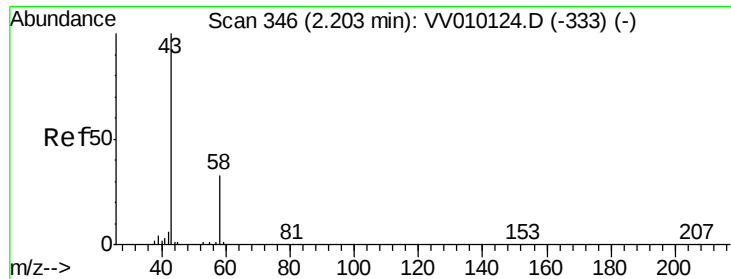
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#13

Acetone

Concen: 26.609 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.02 min

Lab File: VV010134.D

Acq: 05 Apr 2019 16:38

Instrument :

MSVOA_V

ClientSampleId :

BF673

Tot Ion: 43 Resp: 22101

Ion Ratio Lower Upper

43 100

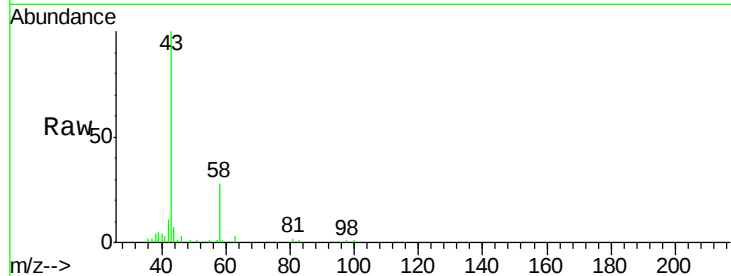
58 30.0 0.0 64.6

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

15000

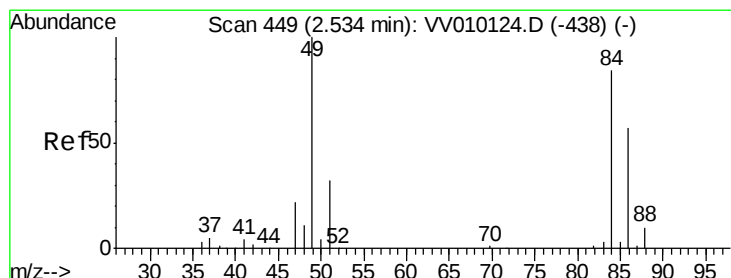
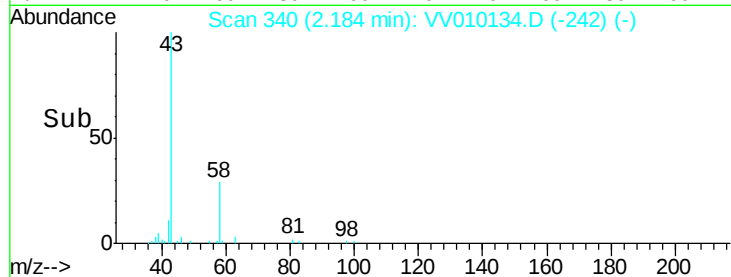
10000

5000

0

Time--> 2.10 2.15 2.20 2.25

2.18



#16

Methylene chloride

Concen: 3.674 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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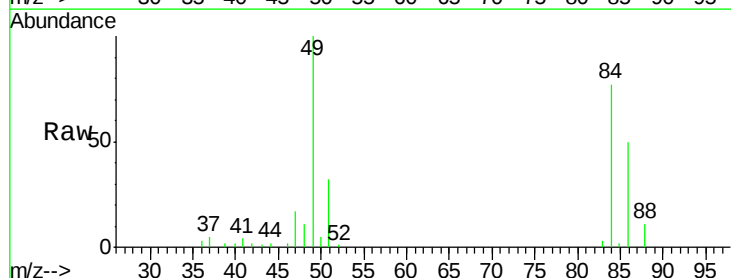
Tgt Ion: 84 Resp: 14235

Ion Ratio Lower Upper

84 100

49 129.4 84.3 156.5

86 65.0 45.4 84.2



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

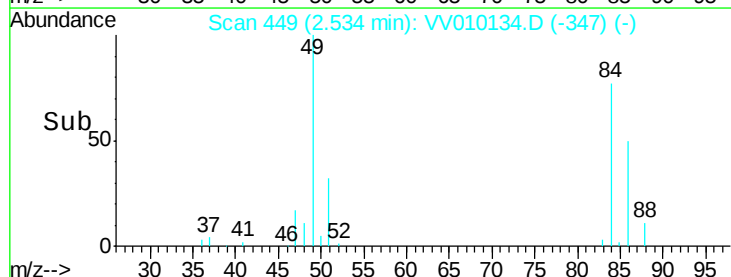
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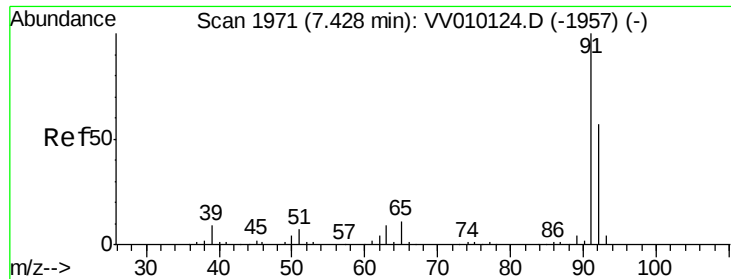
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0

Time--> 2.50 2.55

2.53





#44
Toluene
Concen: 0.829 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
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Tot Ion	Ratio	Lower	Upper
91	100		
92	47.8	41.0	76.2

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