

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010173.D
 Acq On : 08 Apr 2019 14:02
 Operator : SY/MD
 Sample : K2218-04
 Misc : 5.23G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5Z4

Quant Time: Apr 09 06:24:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 05:31:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	157728	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	150088	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52818	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27055	12.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.24%
7) Chloroethane-d5	1.58	69	47346	18.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.20%
10) 1,1-Dichloroethene-d2	2.13	63	64686	12.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.56%
20) 2-Butanone-d5	3.96	46	38126	63.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.90%
24) Chloroform-d	4.40	84	108651	27.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.36%
26) 1,2-Dichloroethane-d4	5.08	65	80254	36.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	144.40%#
29) Benzene-d6	5.10	84	206796	26.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.28%
33) 1,2-Dichloropropane-d6	6.12	67	72537	31.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.32%#
37) Toluene-d8	7.36	98	173842	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.72%
38) trans-1,3-Dichloropropene-	7.67	79	22413	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.32%
39) 2-Hexanone-d5	8.14	63	19456	42.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.46%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	77043	34.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	136.04%#
61) 1,2-Dichlorobenzene-d4	11.68	152	52267	25.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.60%

Target Compounds

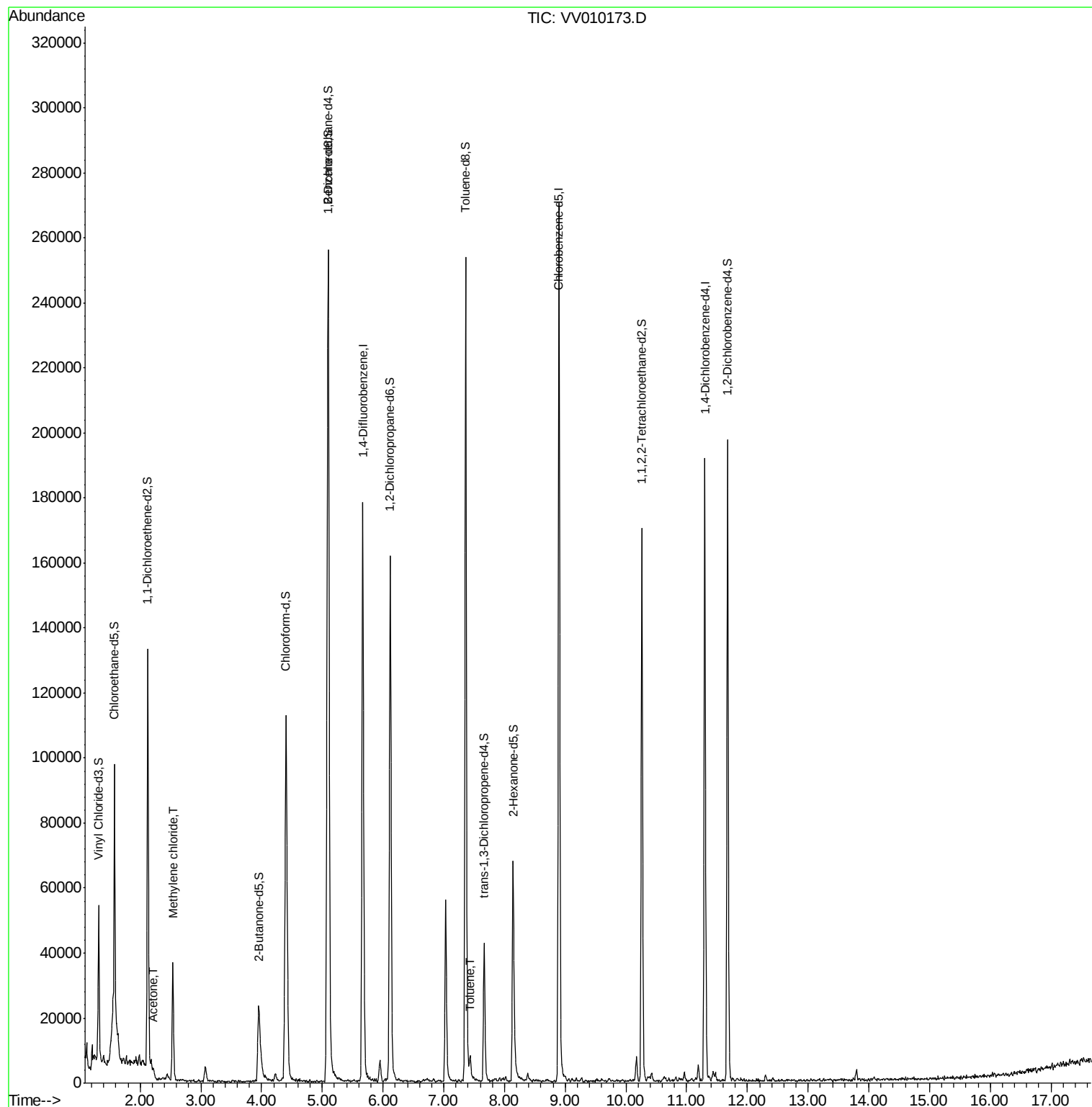
					Ovalue
13) Acetone	2.21	43	3532	5.945 ug/L	92
16) Methylene chloride	2.54	84	14291	5.157 ug/L	90
44) Toluene	7.43	91	4122	0.500 ug/L	98

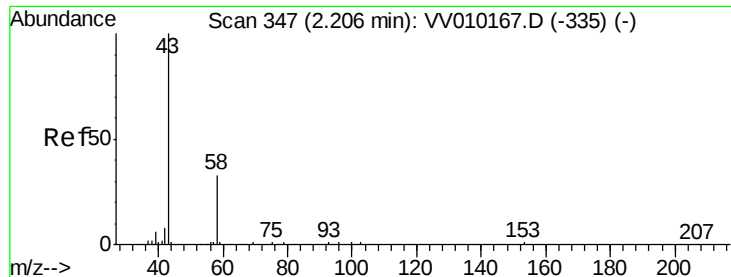
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.945 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

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Acq: 08 Apr 2019 14:02

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ClientSampleId :

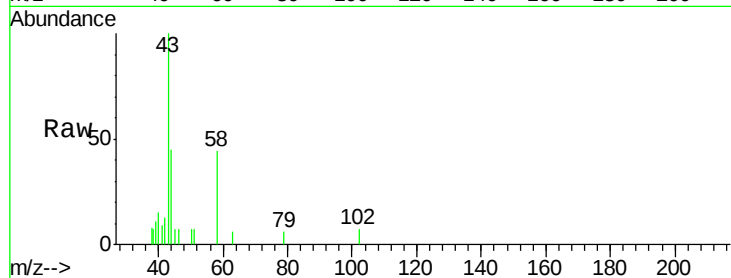
BF5Z4

Tot Ion: 43 Resp: 3532

Ion Ratio Lower Upper

43 100

58 27.6 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.21

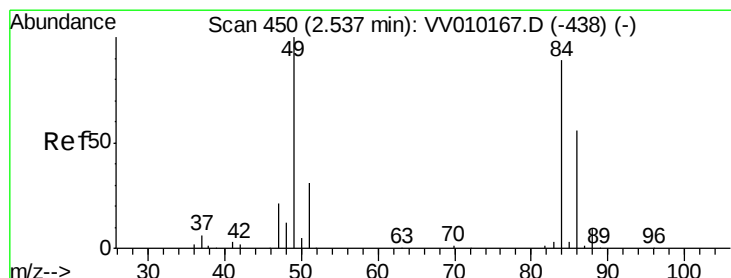
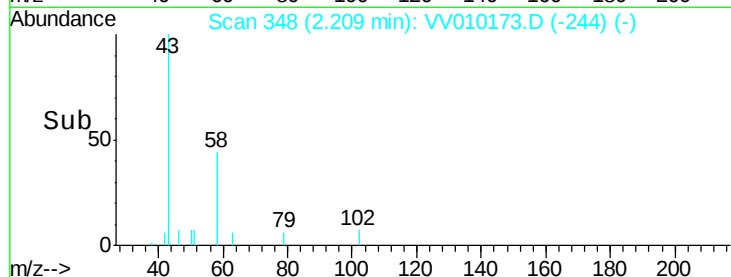
1500

1000

500

0

Time--> 2.15 2.20 2.25



#16

Methylene chloride

Concen: 5.157 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

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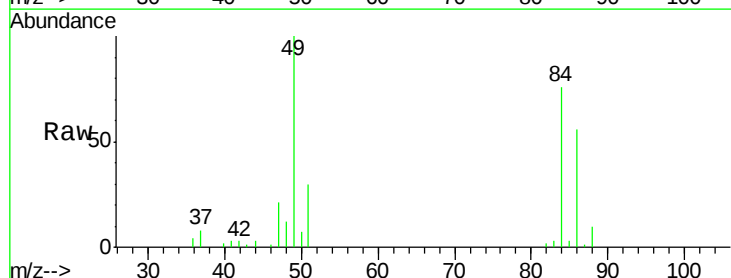
Tgt Ion: 84 Resp: 14291

Ion Ratio Lower Upper

84 100

49 131.4 84.3 156.5

86 72.9 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

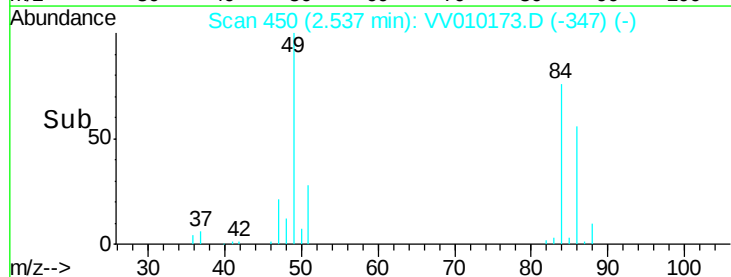
15000

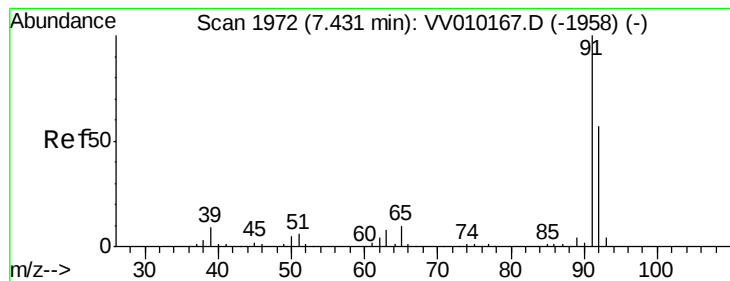
10000

5000

0

Time--> 2.50 2.55 2.60





#44

Toluene

Concen: 0.500 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

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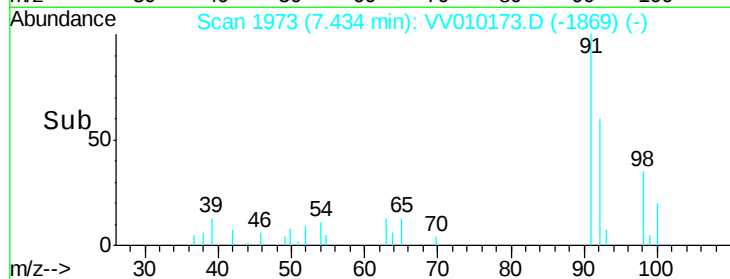
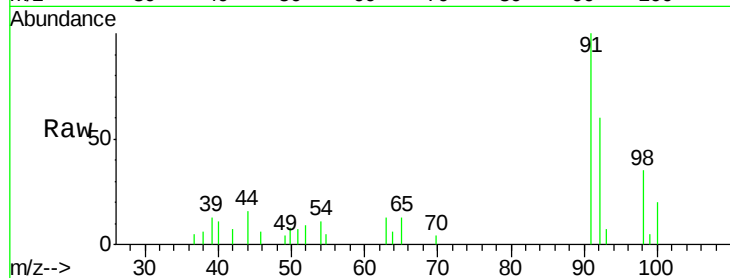
BF5Z4

Tot Ion: 91 Resp: 4122

Ion Ratio Lower Upper

91 100

92 59.9 41.0 76.2



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

