

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010719\
 Data File : VV009187.D
 Acq On : 07 Jan 2019 17:23
 Operator : SY/MD
 Sample : K1050-10
 Misc : 6.39G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9W7

Quant Time: Jan 08 00:58:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 08 00:28:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	217162	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	203458	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98922	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29845	20.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.40%
7) Chloroethane-d5	1.58	69	32115	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.16%
10) 1,1-Dichloroethene-d2	2.13	63	75026	15.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.44%
20) 2-Butanone-d5	3.96	46	29913	28.63	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.26%
24) Chloroform-d	4.40	84	106815	23.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.44%
26) 1,2-Dichloroethane-d4	5.08	65	58452	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.60%
29) Benzene-d6	5.10	84	211474	23.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.32%
33) 1,2-Dichloropropane-d6	6.12	67	64203	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.80%
37) Toluene-d8	7.36	98	190516	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.12%
38) trans-1,3-Dichloropropene-	7.67	79	25651	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.20%
39) 2-Hexanone-d5	8.14	63	20241	33.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.00%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56883	19.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	80477	24.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.28%

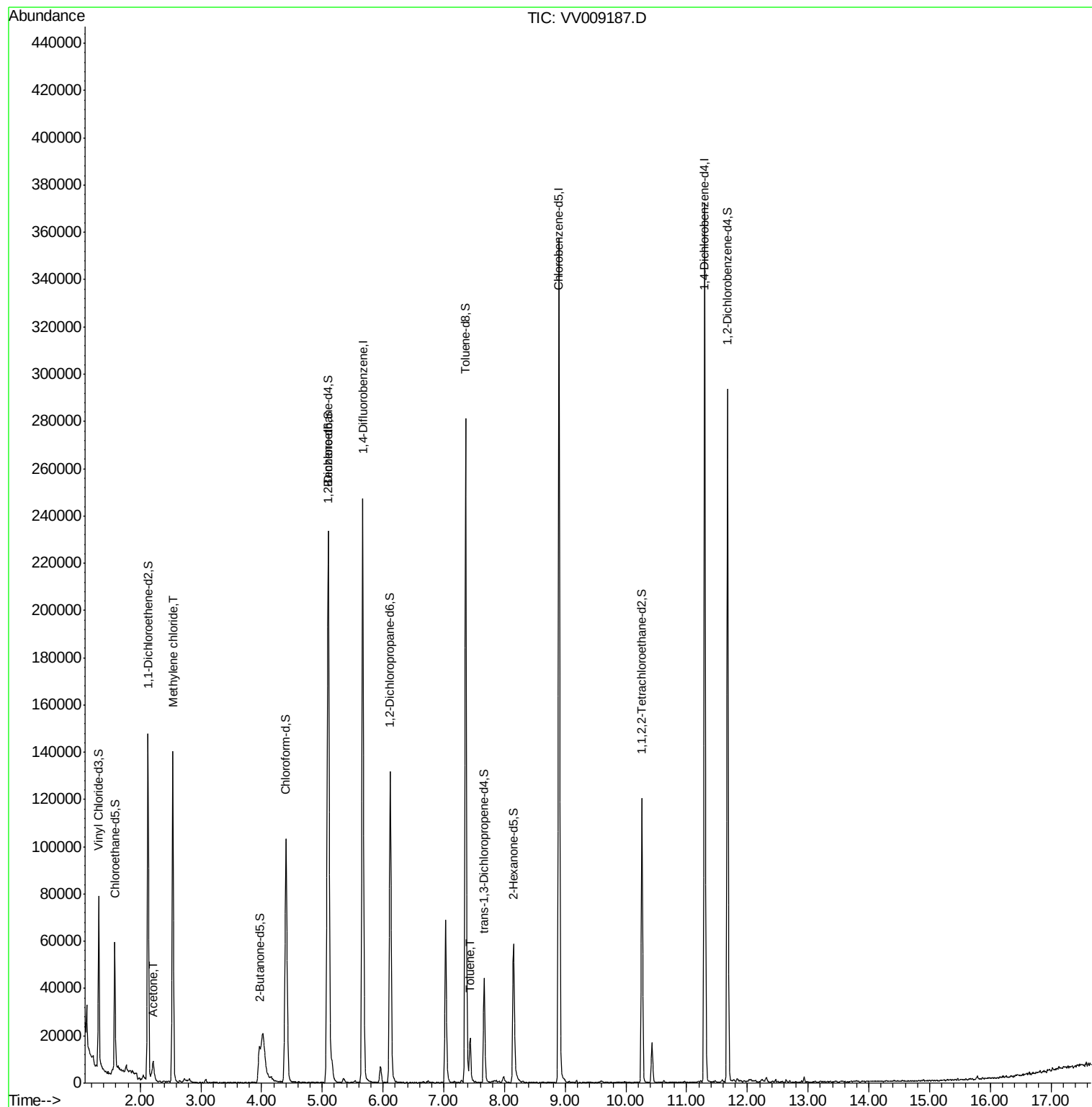
Target Compounds					Ovalue
13) Acetone	2.21	43	13080	8.832 ug/L	99
16) Methylene chloride	2.54	84	60284	18.581 ug/L	96
44) Toluene	7.43	91	13873	1.176 ug/L	97

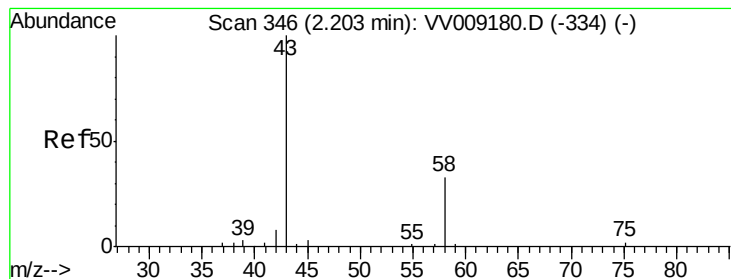
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.832 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

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Acq: 07 Jan 2019 17:23

Instrument :

MSVOA_V

ClientSampleId :

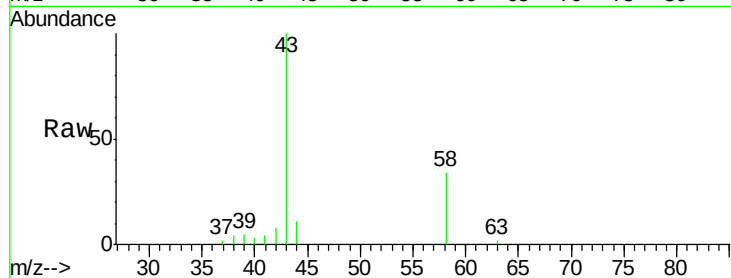
BE9W7

Tot Ion: 43 Resp: 13080

Ion Ratio Lower Upper

43 100

58 33.8 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VV009187.D (-243) (-)

Ion 58.00 (57.70 to 58.70): VV009187.D (-243) (-)

2.21

6000

5000

4000

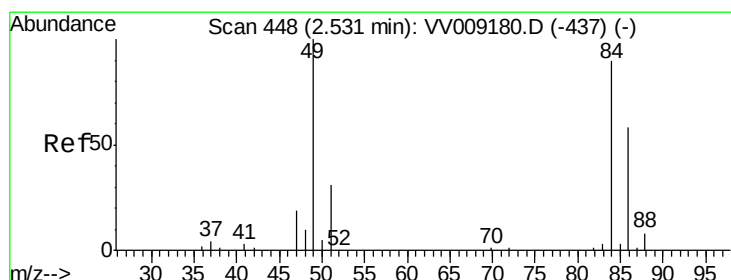
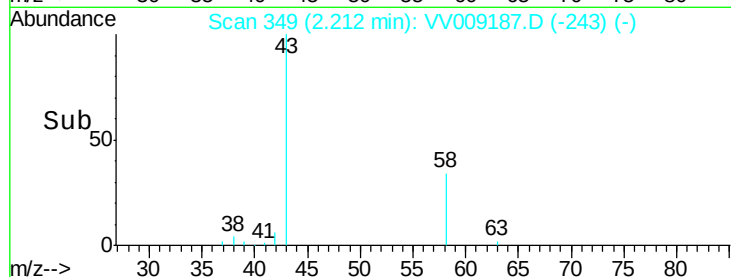
3000

2000

1000

0

Time-->



#16

Methylene chloride

Concen: 18.581 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

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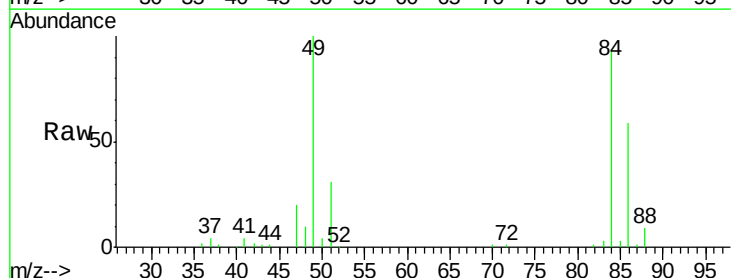
Tgt Ion: 84 Resp: 60284

Ion Ratio Lower Upper

84 100

49 108.0 77.6 144.2

86 63.9 47.4 88.0



Abundance Ion 84.00 (83.70 to 84.70): VV009187.D (-345) (-)

Ion 49.00 (48.70 to 49.70): VV009187.D (-345) (-)

Ion 86.00 (85.70 to 86.70): VV009187.D (-345) (-)

2.54

50000

40000

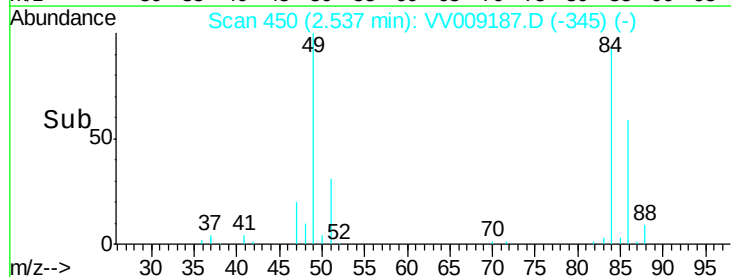
30000

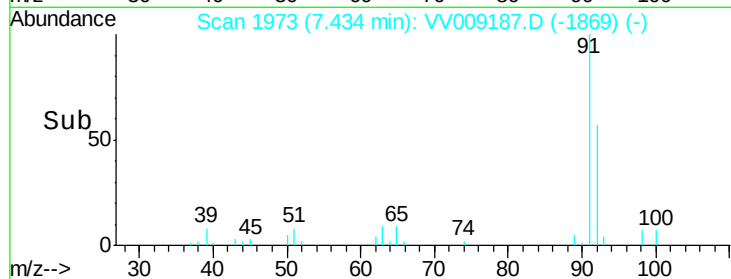
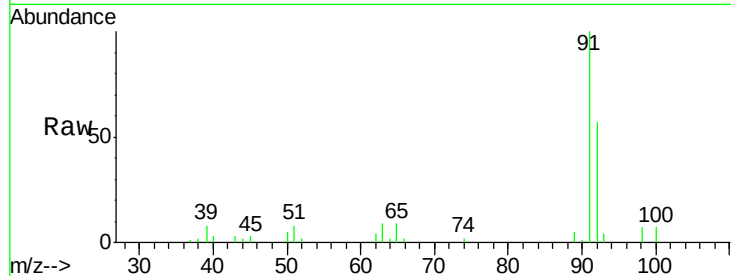
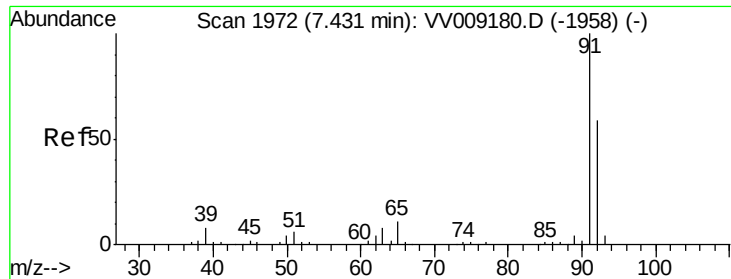
20000

10000

0

Time-->





#44

Toluene

Concen: 1.176 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

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Tot Ion: 91 Resp: 13873

Ion Ratio Lower Upper

91 100

92 57.5 41.7 77.5

