

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010719\
 Data File : VV009183.D
 Acq On : 07 Jan 2019 15:00
 Operator : SY/MD
 Sample : K1051-01
 Misc : 5.21G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9W9

Quant Time: Jan 08 00:43:26 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	269089	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	245398	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	123568	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37841	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.28%
7) Chloroethane-d5	1.58	69	39098	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.60%
10) 1,1-Dichloroethene-d2	2.13	63	94623	15.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.52%
20) 2-Butanone-d5	3.96	46	39376	30.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.82%
24) Chloroform-d	4.40	84	132400	23.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.48%
26) 1,2-Dichloroethane-d4	5.08	65	74543	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.36%
29) Benzene-d6	5.10	84	262151	23.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.88%
33) 1,2-Dichloropropane-d6	6.12	67	78999	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.80%
37) Toluene-d8	7.36	98	236870	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.88%
38) trans-1,3-Dichloropropene-	7.67	79	34115	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.76%
39) 2-Hexanone-d5	8.14	63	25018	33.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	73760	21.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	99942	23.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.72%

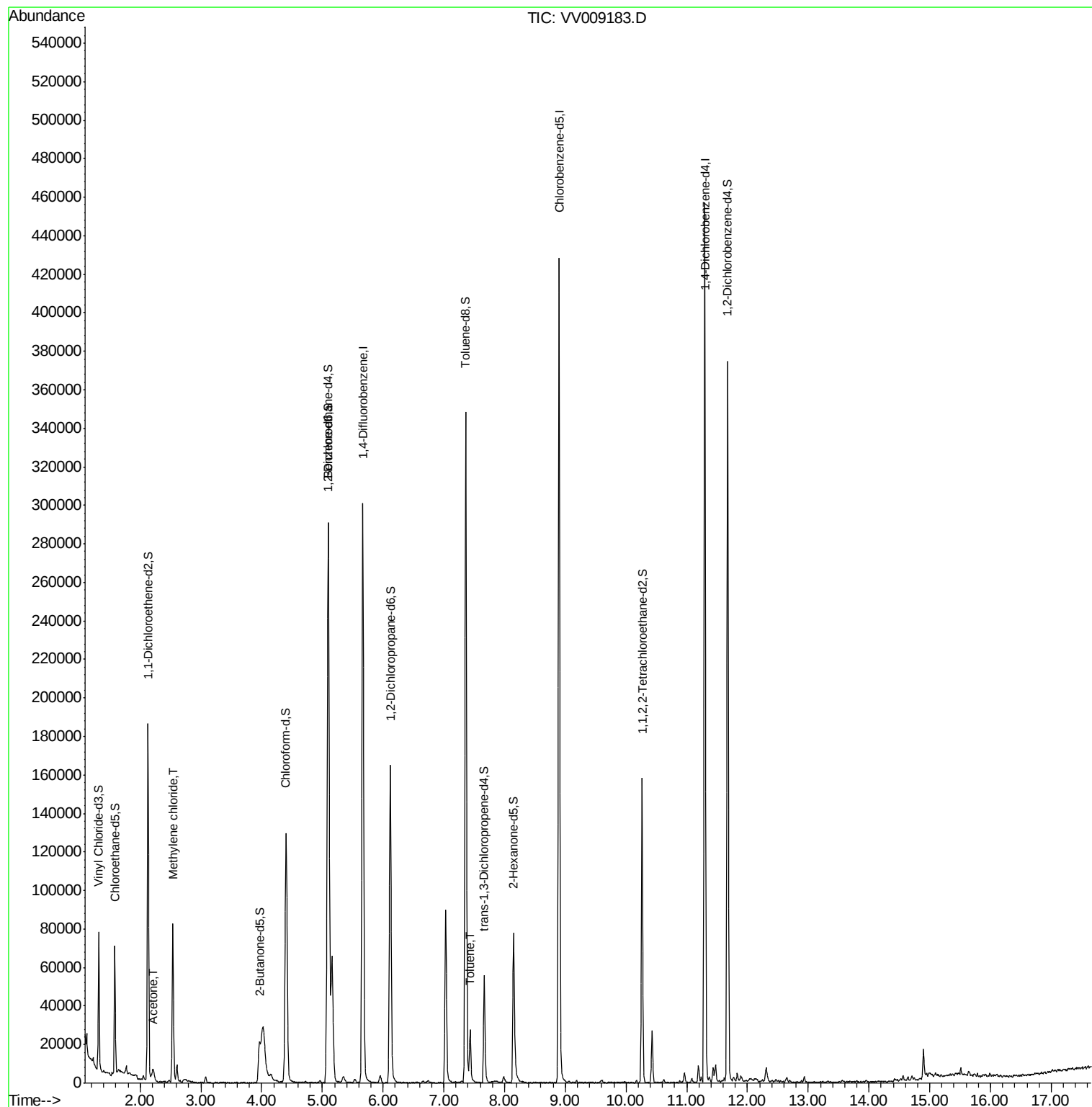
Target Compounds					Ovalue
13) Acetone	2.21	43	11087	6.042 ug/L	93
16) Methylene chloride	2.54	84	34200	8.507 ug/L	97
44) Toluene	7.43	91	19598	1.378 ug/L	94

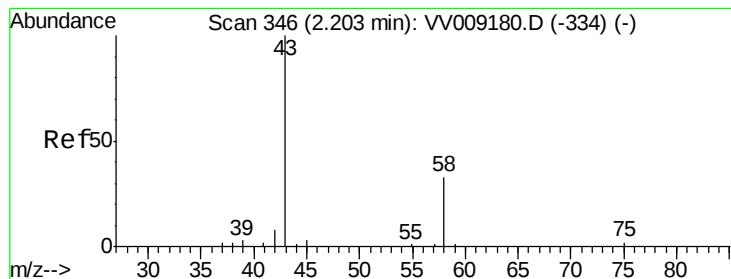
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.042 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

Lab File: VV009183.D

Acq: 07 Jan 2019 15:00

Instrument :

MSVOA_V

ClientSampleId :

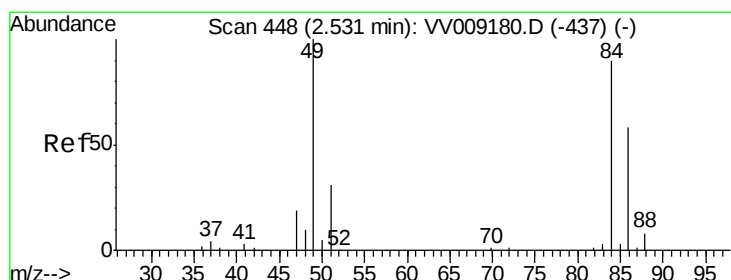
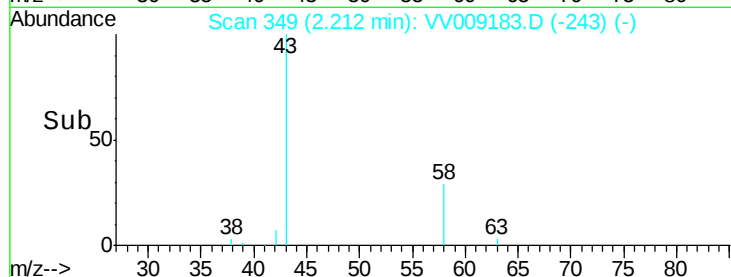
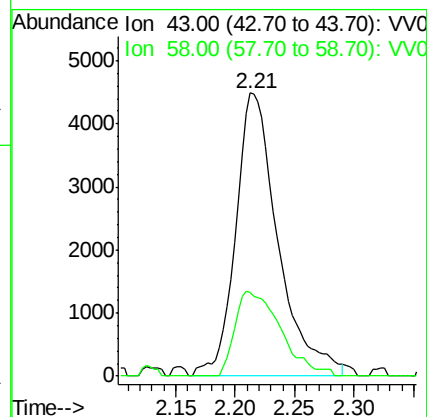
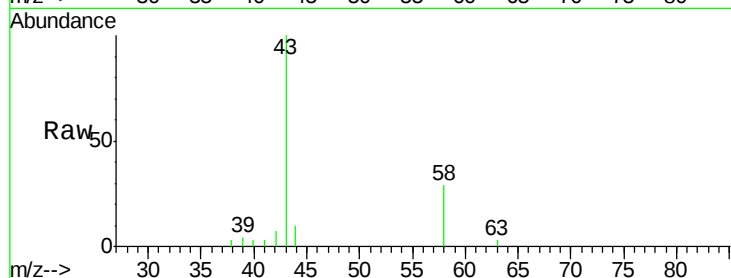
BE9W9

Tot Ion: 43 Resp: 11087

Ion Ratio Lower Upper

43 100

58 29.7 0.0 67.0



#16

Methylene chloride

Concen: 8.507 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

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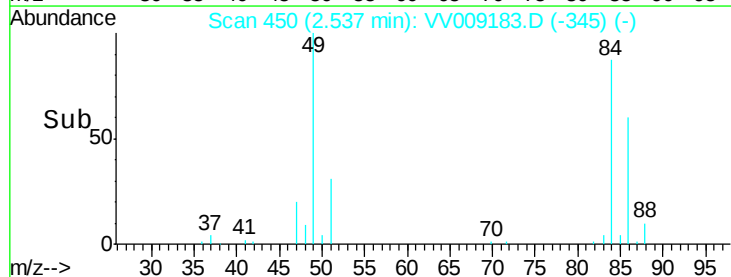
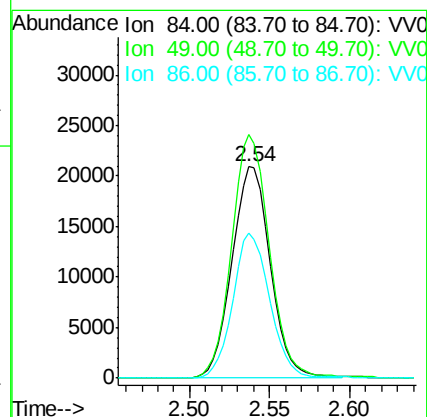
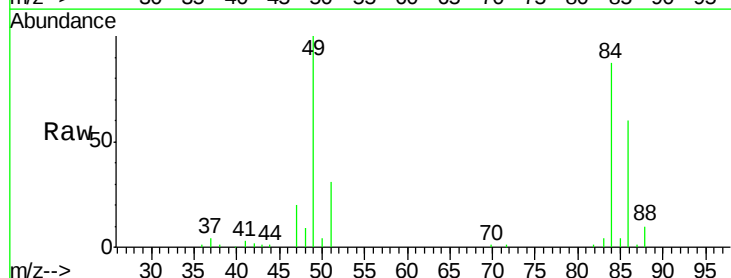
Tgt Ion: 84 Resp: 34200

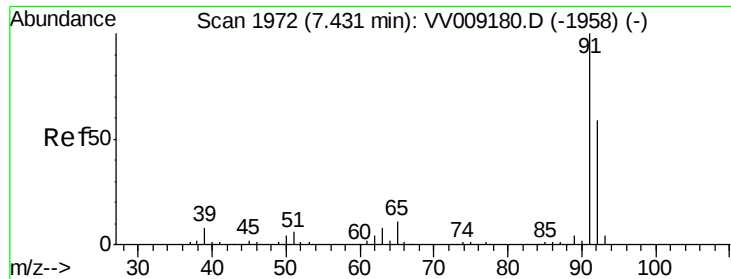
Ion Ratio Lower Upper

84 100

49 115.3 77.6 144.2

86 69.0 47.4 88.0





#44

Toluene

Concen: 1.378 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009183.D

Acq: 07 Jan 2019 15:00

Instrument :

MSVOA_V

ClientSampleId :

BE9W9

Tot Ion: 91 Resp: 19598

Ion Ratio Lower Upper

91 100

92 64.2 41.7 77.5

