

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010419\
 Data File : VV009166.D
 Acq On : 04 Jan 2019 19:12
 Operator : SY/MD
 Sample : K1050-02
 Misc : 6.21 G/10ML/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9T9

Quant Time: Jan 05 05:39:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	243723	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229675	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113579	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32146	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.16%
7) Chloroethane-d5	1.58	69	35673	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.24%
10) 1,1-Dichloroethene-d2	2.13	63	79060	14.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.76%
20) 2-Butanone-d5	3.96	46	34990	29.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.68%
24) Chloroform-d	4.40	84	120243	23.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	5.08	65	68833	25.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.28%
29) Benzene-d6	5.10	84	234915	22.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.80%
33) 1,2-Dichloropropane-d6	6.12	67	72634	24.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.04%
37) Toluene-d8	7.36	98	216866	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.88%
38) trans-1,3-Dichloropropene-	7.67	79	30471	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.56%
39) 2-Hexanone-d5	8.14	63	23266	33.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	67406	20.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.60%
61) 1,2-Dichlorobenzene-d4	11.68	152	93323	24.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.24%

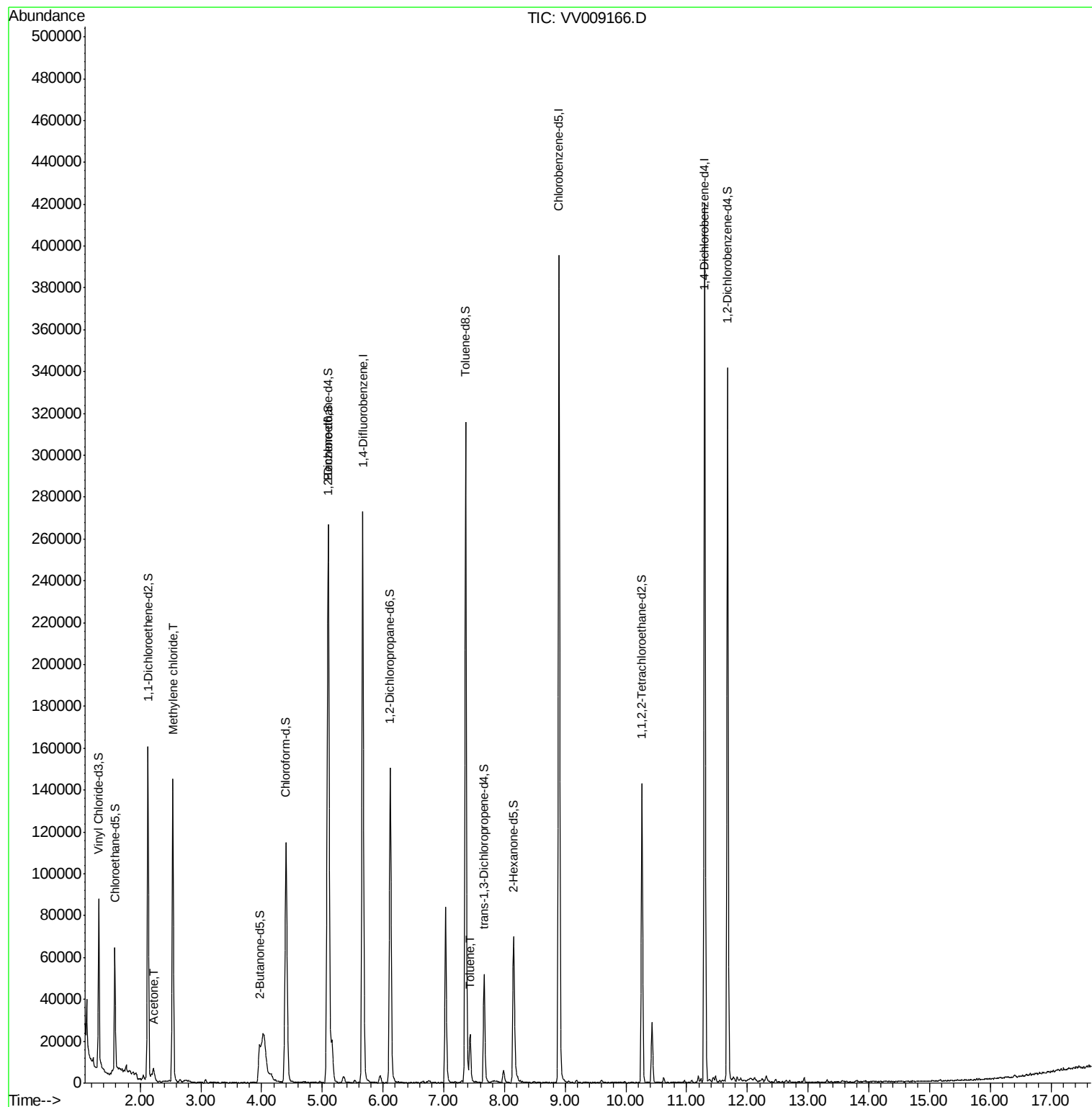
Target Compounds					Ovalue
13) Acetone	2.22	43	9620	5.788 ug/L	95
16) Methylene chloride	2.54	84	61271	16.827 ug/L	97
44) Toluene	7.43	91	17017	1.278 ug/L	96

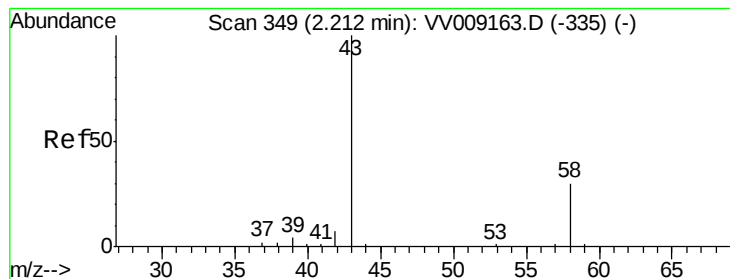
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.788 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.01 min

Lab File: VV009166.D

Acq: 04 Jan 2019 19:12

Instrument :

MSVOA_V

ClientSampleId :

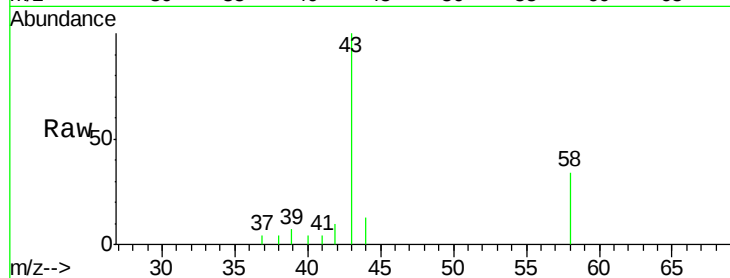
BE9T9

Tot Ion: 43 Resp: 9620

Ion Ratio Lower Upper

43 100

58 30.4 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VV009166.D (-246) (-)

Ion 58.00 (57.70 to 58.70): VV009166.D (-246) (-)

2.22

4000

3000

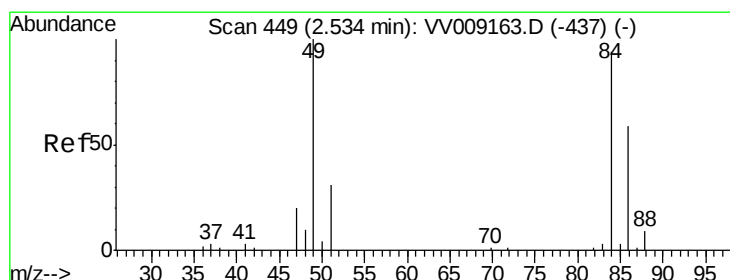
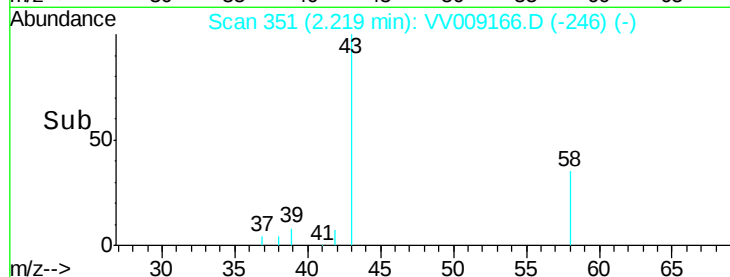
2000

1000

0

2.15 2.20 2.25 2.30

Time-->



#16

Methylene chloride

Concen: 16.827 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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Acq: 04 Jan 2019 19:12

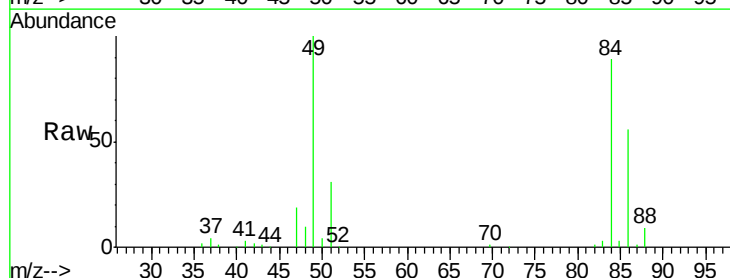
Tgt Ion: 84 Resp: 61271

Ion Ratio Lower Upper

84 100

49 112.9 77.6 144.2

86 63.6 47.4 88.0



Abundance Ion 84.00 (83.70 to 84.70): VV009166.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009166.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009166.D (-346) (-)

2.54

50000

40000

30000

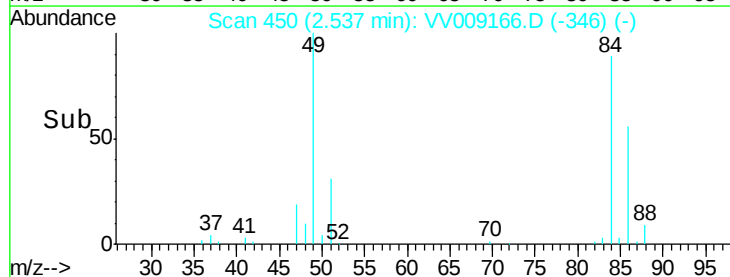
20000

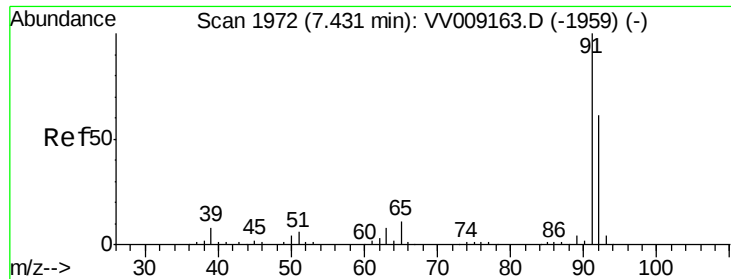
10000

0

2.50 2.55 2.60

Time-->





#44

Toluene

Concen: 1.278 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

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Acq: 04 Jan 2019 19:12

Instrument :
MSVOA_V
ClientSampleId :
BE9T9

Tot Ion: 91 Resp: 17017

Ion Ratio Lower Upper

91 100

92 56.5 41.7 77.5

