

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010419\
 Data File : VV009171.D
 Acq On : 04 Jan 2019 21:24
 Operator : SY/MD
 Sample : K1051-01
 Misc : 3.77 G/10ML/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9W9

Quant Time: Jan 05 05:54:43 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	81707	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	71892	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32854	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	12656	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.60%
7) Chloroethane-d5	1.58	69	16044	29.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.40%
10) 1,1-Dichloroethene-d2	2.13	63	32366	17.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.32%
20) 2-Butanone-d5	3.95	46	12537	31.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.78%
24) Chloroform-d	4.40	84	43844	25.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.92%
26) 1,2-Dichloroethane-d4	5.08	65	22403	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.36%
29) Benzene-d6	5.10	84	86043	26.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.44%
33) 1,2-Dichloropropane-d6	6.12	67	24942	27.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.64%
37) Toluene-d8	7.36	98	74092	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.08%
38) trans-1,3-Dichloropropene-	7.67	79	9894	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.84%
39) 2-Hexanone-d5	8.14	63	6291	29.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	19995	19.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.24%
61) 1,2-Dichlorobenzene-d4	11.68	152	28564	25.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.88%

Target Compounds

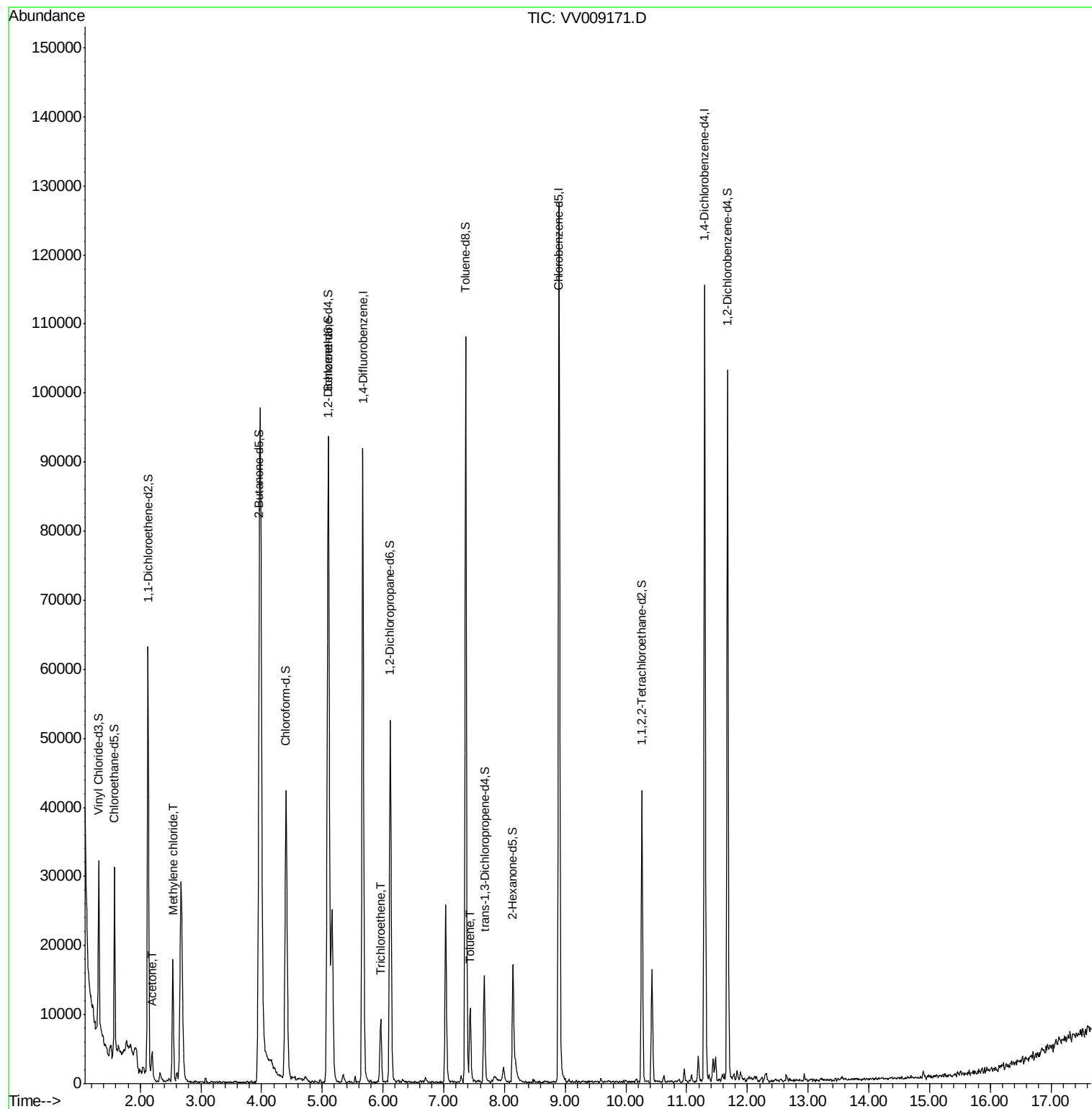
					Ovalue
13) Acetone	2.20	43	3725	6.685 ug/L	93
16) Methylene chloride	2.54	84	7595	6.222 ug/L	97
35) Trichloroethene	5.96	95	2758	2.477 ug/L	97
44) Toluene	7.44	91	8263	1.983 ug/L	93

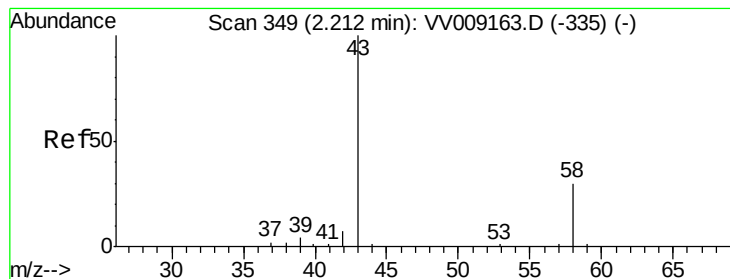
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.685 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

Lab File: VV009171.D

Acq: 04 Jan 2019 21:24

Instrument :

MSVOA_V

ClientSampleId :

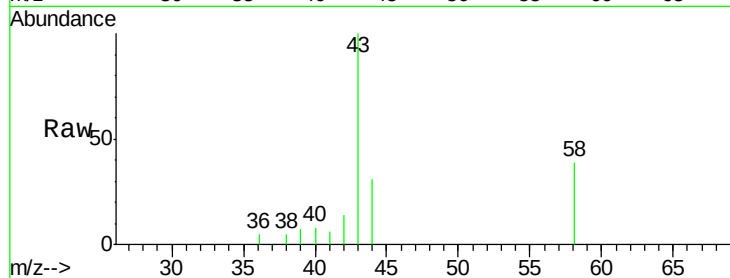
BE9W9

Tot Ion: 43 Resp: 3725

Ion Ratio Lower Upper

43 100

58 37.7 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VV009171.D (-246) (-)

Ion 58.00 (57.70 to 58.70): VV009171.D (-246) (-)

2500

2000

1500

1000

500

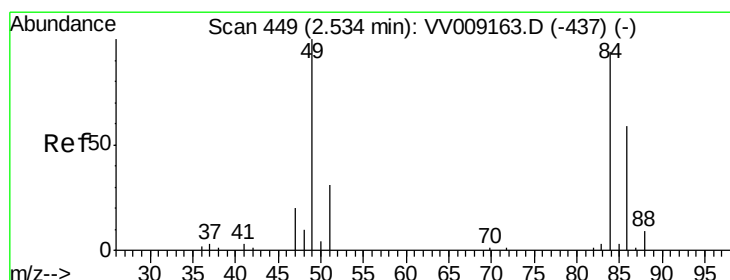
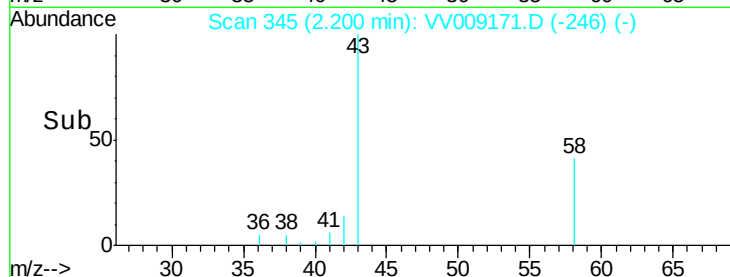
0

2.15

2.20

2.25

Time-->



#16

Methylene chloride

Concen: 6.222 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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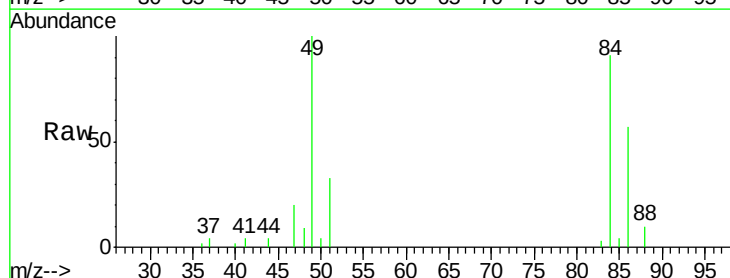
Tgt Ion: 84 Resp: 7595

Ion Ratio Lower Upper

84 100

49 110.2 77.6 144.2

86 62.3 47.4 88.0



Abundance Ion 84.00 (83.70 to 84.70): VV009171.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009171.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009171.D (-346) (-)

6000

4000

2000

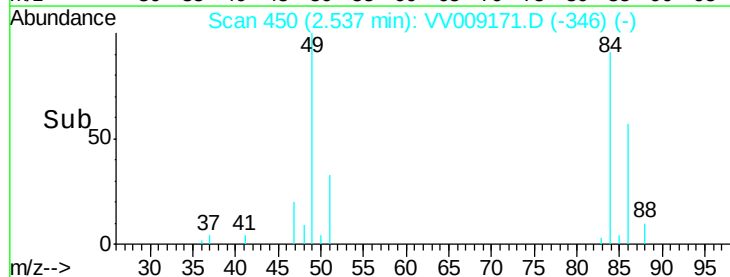
0

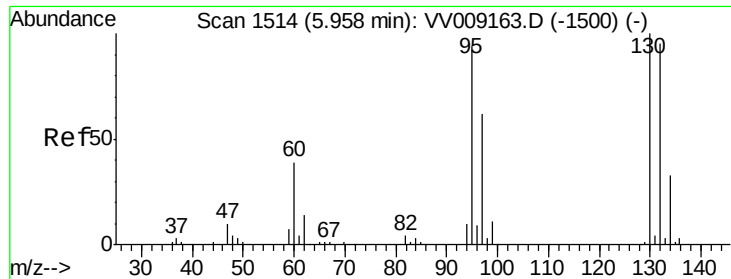
2.50

2.54

2.55

Time-->

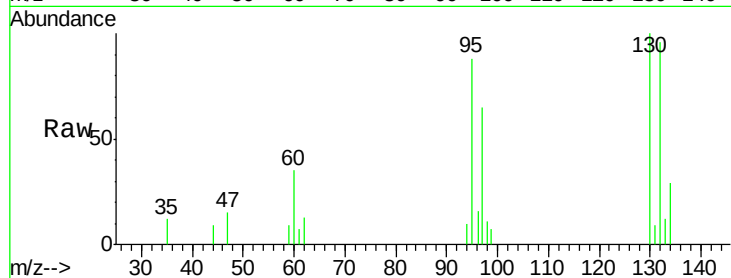




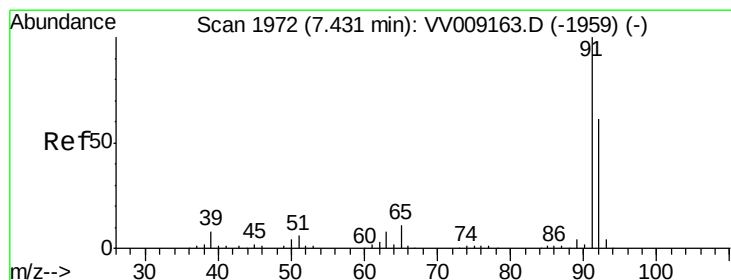
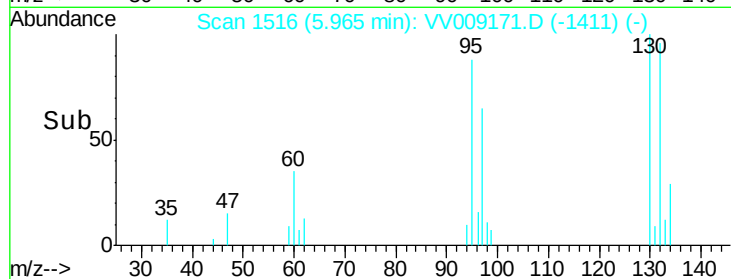
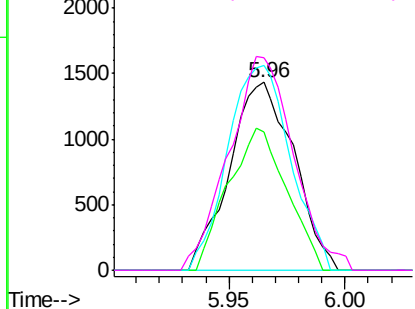
#35
 Trichloroethene
 Concen: 2.477 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: VV009171.D
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Instrument :
 MSVOA_V
 ClientSampleID :
 BE9W9

Tot Ion: 95 Resp: 2758
 Ion Ratio Lower Upper
 95 100
 97 68.8 46.2 85.8
 132 106.8 73.9 137.3
 130 114.6 77.0 143.0

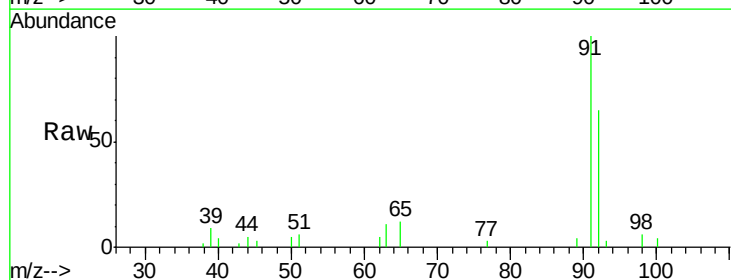


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0



#44
 Toluene
 Concen: 1.983 ug/L
 RT: 7.44 min Scan# 1974
 Delta R.T. 0.01 min
 Lab File: VV009171.D
 Acq: 04 Jan 2019 21:24

Tgt Ion: 91 Resp: 8263
 Ion Ratio Lower Upper
 91 100
 92 64.7 41.7 77.5



Abundance Ion 91.00 (90.70 to 91.70): VV0
 Ion 92.00 (91.70 to 92.70): VV0

